FINAL EIA REPORT
(ANNEXURE: IX)

TOR REFERENCE: NO. 10-53/2020-IA-III DATED 29TH OCTOBER, 2020
BASELINE PERIOD: DECEMBER 2019 TO FEBRUARY 2020

ENVIRONMENTAL IMPACT ASSESSMENT

FOR ENVIRONMENTAL & CRZ CLEARANCE OF ON-GOING PROJECT FOR ESTABLISHMENT OF

NAVI MUMBAI INTERNATIONAL AIRPORT (NMIA)

AT ULWE, PANVEL TALUKA, RAIGAD DISTRICT, MAHARASHTRA

SUBMITTED TO:
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(MOEF & CC), NEW DELHI

SUBMITTED BY:
NAVI MUMBAI INTERNATIONAL AIRPORT PVT. LTD. (NMIAL)

ENVIRONMENT CONSULTANT:
VIMTA LABS LIMITED, HYDERABAD
(QCI/ NABET ACCREDITED SR.NO.139)

SEPTEMBER 2021

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ANNEXURE-IX
DETAILED TRAFFIC MANAGEMENT AND TRAFFIC DECONGESTION PLAN FOR NAVI MUMBAI INTERNATIONAL AIRPORT (NMIA)

DETAILED TRAFFIC MANAGEMENT AND TRAFFIC DECONGESTION PLAN FOR NAVI MUMBAI INTERNATIONAL AIRPORT (NMIA)

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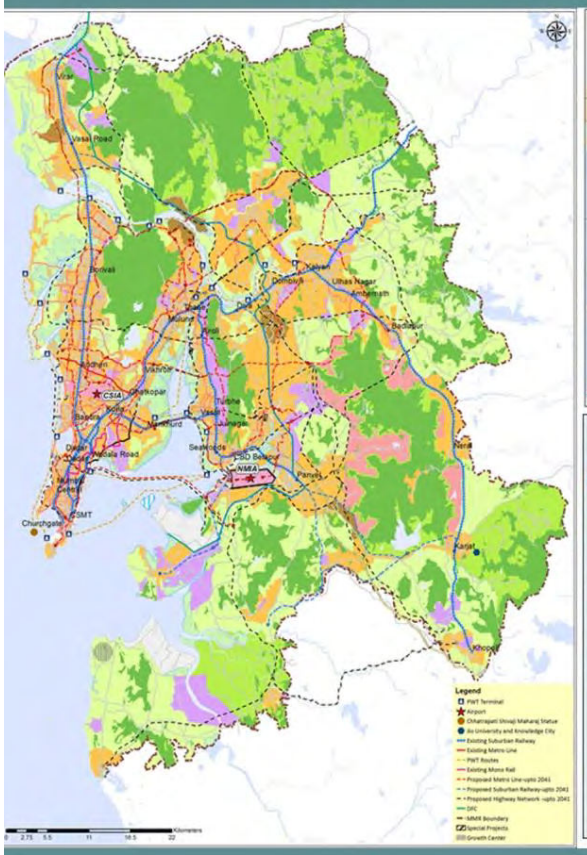
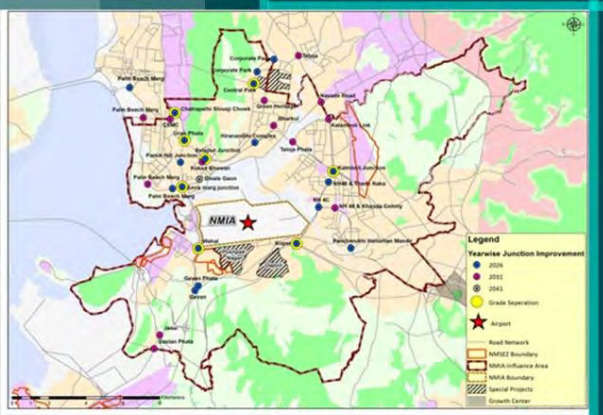
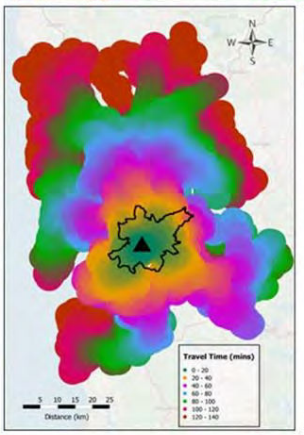
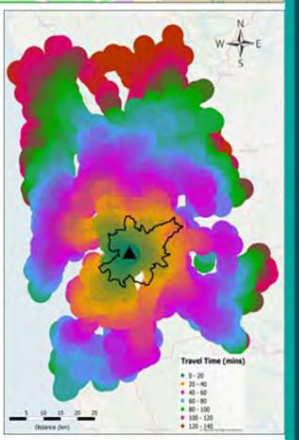
FINAL REPORT









April 2020

LEA Associates South Asia Private Limited, India

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List of Abbreviations

AAI	Airport Authority of India
AKBSNA	Ambernath Kulgaon Badlapur Surrounding Notified Area
AMC	Ambernath Municipal Council
ARFF	Aircraft Rescue and Fire Fighting
ARP	Aerodrome Reference Point
ATM	Air Traffic Management
BKC	Bandra Kurla Complex
BNHS	Bombay Natural History Society
BNMC	Bhiwandi Nizampur Municipal Corporation
BRTS	Bus Rapid Transit System
BSNA	Bhiwandi Surrounding Notified Area
CA	Concession Agreement
CAGR	Compound Annual Growth Rate
CBD	Central Business District
CCF	Chief Conservator of Forest
CCZM	Colour Coded Zoning Map
CIDCO	City and Industrial Development Corporation of Maharashtra Limited
CRZ	Coastal Regulation Zone
CSMIA	Chhatrapati Shivaji Maharaj International Airport
CSMT	Chhatrapati Shivaji Maharaj Terminus (formerly known as VT)
CTC	Central Terminal Complex
CTE	Consent to Establishment
CTS	Comprehensive Transport Study (known as TranSfoRM)
CW&PRS	Central Water and Power Research Station
CZMP	Coastal Zone Management Plan
DFC	Dedicated Freight Corridor
DFCC	Dedicated Freight Corridor Corporation
DFR	Draft Final Report
DGCA	Directorate General of Civil Aviation
DHL	Dalsey Hillblom Lynn
DMRC	Delhi Metro Rail Corporation LTD.
DPR	Detailed Project Report
EBL	Exclusive Bus Lane
EC	Environment Clearance
EEH	Eastern Express Highway
EHVT	Extra High Voltage Transmission
EIA	Environmental Impact Assessment
EOI	Expression of Interest
EMAR	Eastern Main Access Road
EMME	Equilibre Multimodal Multimodal Equilibrium
FoB	Foot Over Bridge
FSC	Full Service Carrier
FSI	Floor Space Index
FY	Financial Year
GA	Ground Access
GDP	Gross Domestic Product
GEC	Gujarat Ecology Commission
GMLR	Ghatkopar Mankhurd Link Road
GoI	Government of India
GoM	Government of Maharashtra
GSDA	Ground Water Survey Department

GSE	Ground Support Equipment
HSC	High Speed Corridor
IAF	Indian Air Force
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
IFSC	International Financial Services Center
IMD	Indian Metrological Department
IT	Information Technology
IIT	Indian Institute of Technology
IPT	Intermediate Public Transport
IWT	Inland Water Transport
JNPT	Jawaharlal Nehru Port Trust
JVLR	Jogeshwari-Vikroli Link Road
KDMC	Kalyan Dombivali Municipal Corporation
KBMC	Kulgaon Badlapur Municipal Council
LASA	LEA Associates South Asia Pvt Ltd
LBG	Louis Burger Group
LBS	Lal Bahadur Shastri Marg
LOA	Letter of Award
LOS	Level of Service
MADC	Maharashtra Airport Development Company Ltd
MAP	Million Annual Passengers
MbPT	Mumbai Port Trust
MCGM	Municipal Corporation Greater Mumbai
MCZMA	Maharashtra Coastal Zone Management Authority
MIA	Mumbai International Airport
MIAL	Mumbai International Airport Limited
MLA	Member of Legislative Assembly
MMB	Maharashtra Maritime Board
MMC	Multi Modal Corridor
MMR	Mumbai Metropolitan Region
MMRDA	Mumbai Metropolitan Regional Development Authority
MRO	Maintenance, Repair, Overhaul
MoCA	Ministry of Civil Aviation
MoD	Ministry of Defense
MoEFCC	Minister of Environment, Forest and Climate Change
MoU	Memorandum of Understanding
MJPRCL	Mumbai JNPT Port Road Company Limited
MPCB	Maharashtra Pollution Control Board
MPPA	Million Passengers Per Annum
MRVC	Mumbai Railway Vikas Corporation
MSRDC	Maharashtra State Road Development Corporation Limited
MT	Metric Tones
MTHL	Mumbai Trans Harbor Link
MTSU	Mumbai Transformation Support Unit (Under AIILSG)
MUTP	Mumbai Urban Transport Project
NAINA	Navi Mumbai Airport Influence Notified Area
NCZMA	National Coastal Zone Management Authority
NHAI	National Highway Authority of India
NMDP	Navi Mumbai Development Plan
NMIA	Navi Mumbai International Airport
NMIAL	Navi Mumbai International Airport Pvt. Limited
NMMC	Navi Mumbai Municipal Corporation

NMSEZ	Navi Mumbai Special Economic Zone
NMIIA	Navi Mumbai Integrated Industrial Area
NOCAS	No Objection Certificate Application System
PAP	Projected Affected Person
PCCF	Principal Chief Conservator of Forest
PCU	Passenger Car unit
PCMC	Panvel City Municipal Corporation
PHPD	Passengers per Hour per Direction
PMIC	Project Monitoring and Implementation Committee
PNG	Piped Natural Gas
PPP	Public Private Partnership
PSU	Public Sector Undertaking
PWD	Public Works Department
PWT	Passenger Water Transport
RFP	Request for Proposal
RFQ	Request for Qualification
ROB	Road Over Bridge
ROW	Right of Way
RoMMR	Rest of MMR
ROS	Reserved Open Space
RP	Regional Plan
RUB	Road Under Bridge
SCLR	Santacruz Chembur Link Road
SEIAA	State Environment Impact Assessment Authority
SEZ	Special Economic Zone
SGSA	State Government Support Agreement
SHA	Shareholder Agreement
SPA	Special Planning Authority
SPV	Special Purpose Vehicle
SV Road	Swami Vivekanand Road
TAS	Traffic Actuated System
TAZ	Traffic Analysis Zones
TEFS	Techno Economic Feasibility Study
TOD	Transit Oriented Development
ToR	Terms of Reference
ULB	Urban Local Body
UMC	Ulhasnagar Municipal Corporation
UMTA	Unified Metropolitan Transport Authority
VUP	Vehicular Underpass
VVSNA	Vasai Virar Surrounding Notified Area
WEH	Western Express Highway
WMAR	Western Main Access Road
YoY	Year over Year

Chapter 1

Introduction

1 INTRODUCTION

1.1 BACKGROUND

Mumbai Metropolitan Region (MMR) is one of the important metropolitan regions of India. Amongst number of transport infrastructural requirements to be developed in MMR, new airport to meet air travel needs is an important one. Mumbai Metropolitan Region Development Authority (MMRDA) has taken several measures along with other corporations and ULBs to improve transport system. Further, MMRDA also carried out Comprehensive Transportation Study (CTS) for MMR during 2005-08 and thereby has a plan prepared to meet MMR's 2031 travel demand requirements.[1] City and Industrial Development Corporation of Maharashtra Limited[2] (CIDCO), as part of its' efforts towards planned development of Navi Mumbai and to meet air travel needs of MMR and that of larger region has evolved a plan to develop a major state-of-the-art international airport in Navi Mumbai.[3]

Mumbai currently boasts of the Chhatrapati Shivaji Maharaj International Airport (CSMIA), which has been a regular feature of the city to facilitate air travel. The airport handled 48.5 MPPA in FY 2017-18. It is a state-of-the-art facility and a credit to the commercial capital of the country. However, it is in immediate need of expansion to accommodate the ever growing intercity and international travel demand of the population. Towards meeting this CIDCO has planned for a brand-new state–of–the art green field airport in Navi Mumbai i.e. Navi Mumbai International Airport (NMIA) which shall operate alongside CSMIA located in suburban Mumbai. Planning for implementation of Navi Mumbai International Airport is in advanced stage. The proposed Airport is located approximately 35 km south-east of the existing CSMIA airport in Navi Mumbai in Panvel Taluka, Raigad District of Maharashtra. The site is situated in the geographical center of Navi Mumbai, between Amra Marg (NH-348A) and National Highway 4B. The National Highway 4B is the main road access to the Airport from the east, whereas the Amra Marg (NH-348A) provides road access to the Airport from the west. The Airport is also accessible from the existing Mankhurd-Belapur- Panvel commuter rail corridor from Khandeshwar Railway Station and from the Targhar railway station on the Nerul Uran Railway line currently being developed.

MMRDA as part of its vision and plan has undertaken several projects to improve Mumbai Metropolitan Region sustainable development. Under the MUTP II MMRDA has carried out CTS for MMR with the help of M/s LEA Group, Canada viz. LEA International Ltd., Canada and LEA Associates South Asia Private Limited, India during 2005-08. CTS recommendations include planned development of multi modal

[1] MMRDA as part of its vision and plan has undertaken number of projects to improve Mumbai Metropolitan Region (MMR) through sustainable development. Under the MUTP II MMRDA has carried out Comprehensive Transport Study (CTS) for MMR, which recommended planned development of multi modal transport system in MMR for the horizon period up to 2031.

[2] CIDCO is one the country's premier town planning & development agency is developing the necessary social and physical infrastructure in Navi Mumbai since its inception in 1971.

[3] Mumbai currently boasts of the Chhatrapati Shivaji Maharaj International Airport (CSMIA), which has been a regular feature of the city to facilitate air travel. It currently is accommodating up to 45 MPPA, with improvement works still in progress. It is in immediate need of expansion to accommodate the ever growing intercity and international travel demand of the growing population and economic development. Towards meeting this, CIDCO has planned for a new state–of–the art green field airport in Navi Mumbai. Planning for implementation of Navi Mumbai International Airport is in advanced stage.

transport system in MMR for the horizon period up to 2031. This included short (2008-2016), medium (2017-2021) and long term (2022-2031) prioritized investments to be made in the MMR.

CTS for MMR study (2005-08) recommended transport network includes the regional transport connectivity to the Navi Mumbai International Airport from other parts of MMR. However, considering the strategic importance of the two international airports (Mumbai and Navi Mumbai), there is a need for direct metro transport connectivity between the existing Mumbai airport and proposed Navi Mumbai airport. In addition, direct transport connectivity between Island city and Navi Mumbai airport is also important as Island city is the major air passenger generator in Greater Mumbai. MMRDA is planning a Multi Modal Corridor (MMC) from Virar to Alibaug with the objective of providing faster sub-regional transport connectivity within MMR, connectivity to the Greenfield growth areas, fast corridor for inter-city traffic movement, etc. MMC alignment passes very near to the proposed Navi Mumbai International Airport. The major existing inter-city roads i.e. NH8, NH3, NH4, Mumbai Pune Expressway are connected to the MMC, thus provides connectivity to the Navi Mumbai International Airport. There is a need for comprehensive thinking of simultaneous development of some of the projects related to the Navi Mumbai International Airport.

CIDCO also has planned metro corridors within Navi Mumbai area through Delhi Metro Rail Corporation (DMRC) to enhance the transport connectivity and accessibility within Navi Mumbai area. There is a need to incorporate the same in overall Comprehensive Transportation Plan for MMR. Further, analysis and identification of transport connectivity from the proposed Navi Mumbai Airport to the strategic locations within Navi Mumbai area.

Environment clearance for NMIA was given by MoEFCC in the month of November 2010 which also emphasized the improvement of transport connectivity at regional as well local level in view of the new Airport development. CIDCO, MMRDA and MTSU[4] carried out a study i.e. ***"Preparation of Regional and Local Transport Connectivity for Navi Mumbai International Airport (NMIA)"*** during January 2011 to January 2012[5] through M/s LEA Associates South Asia Pvt. Ltd. and the study recommended enhanced regional and local transport connectivity to NMIA. During the course of study, deliverables viz. Inception Report (January 2011), Draft Report on Alternative Regional Transport Corridors and Analysis for Enhanced Regional Transport Connectivity and Proposed Local Transport Network and Travel Demand Assessment for Enhanced Local Transport Connectivity (April, 2011), NMIA Transport Connectivity: Functional Concept Designs (April, 2011), and Draft Final Report (June, 2011) were submitted.[5] Again, the Draft Final Report (Revised) (August, 2011) were submitted incorporating the comments on DFR. CIDCO had circulated this

[4] CIDCO has requested MTSU to get this work done through a competent professional consulting firm, on their behalf. Recognising the considerable and relevant experience of LEA Associates South Asia Pvt. Ltd. (LASA) in several major transportation studies in MMR, MTSU/CIDCO/MMRDA called for discussions and retained LASA as consultants on this challenging task of preparing plan for enhanced transport connectivity to the Navi Mumbai International Airport.

[5] On each submission, meetings were organised by MTSU/ CIDCO/ MMRDA and the Consultants have presented the findings of the study during the meetings and the same were discussed. In addition, Consultants had several interactions with CIDCO, MMRDA, etc. while evolving the enhanced regional and local transport connectivity proposals for the proposed NMIA.

to all the stakeholders[6] and a meeting with them is organized.[7]. Consultants appropriately incorporates all the views and advice of all the stakeholders[8] and submitted the Final Report in January 2012. CIDCO submitted the final report to all the stakeholders to consider and expedite implementation of recommendations of the Report and accordingly various works are in progress as of now. Brief details of CTS for MMR Study (2005-08), Airport Connectivity Study (2012), Updation of CTS for MMR Study (2017-19) and Report on Airport Connectivity Requirements of NMIA by NMIAL, August 2019 are presented in Annexure 1-1, Annexure 1-2, Annexure 1-3 and Annexure 1-4 respectively.

MOEFCC while extending the Environmental & CRZ clearance (upto 21st November 2020), has imposed additional condition regarding Detailed Traffic Management Study and a Traffic Decongestion Plan to be carried out by a reputed and specialized agency in Transportation Planning. As MMRDA is now updating CTS for MMR study through M/s LEA Associates South Asia Pvt. Ltd. (which was initiated in May 2017 and expected to get completed by end of 2018), CIDCO made a request to MMRDA to get the required study i.e. "Detailed Traffic Management and a Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)" through M/s LEA Associates South Asia Pvt. Ltd.

Navi Mumbai International Airport Pvt. Limited (hereinafter referred to as NMIAL) has been granted the exclusive right and authority to carry out the development, construction, commissioning, maintenance, operation and management of the NMIA in accordance with the terms contained in the Concession Agreement dated 8th January 2018 ("Concession Agreement") executed with the CIDCO.

MMRDA's vision is to implement the wide-ranging recommendations of CTS, which would fulfil the travel needs of community in MMR and efficiently meet the expectations of the residents of the region as well as the inter-city travel to and/or from MMR. The study had also highlighted the need to trigger the growth in MMR region outside Greater Mumbai by evolving the transport system to provide the much-needed connectivity. Some of the major transport corridors planned prior to CTS as well as in CTS are in operation, advanced stage of planning/ award of work/bidding stage.[9] CIDCO and MMRDA now envisage a comprehensive review of these projects with an objective of providing enhanced transport connectivity to the Navi Mumbai Airport. MMRDA has initiated the Updation of CTS for MMR study and the study is in progress and planned for completion by end of August 2019. Using the primary and secondary data collected, updated travel demand models, updated existing and proposed transport networks, etc. of CTS for MMR Updation study, it is envisaged updation of "Regional and Local Transport Connectivity for Navi

[6] MRVC, Central Railway, Mumbai Port Trust, Office of the Commissioner of Police, Navi Mumbai, MSRDC, MCGM, MJPRCL, JNPT, PWD, NMMC, etc. requesting them to offer their observations and views in September, 2011. Stakeholders have sent their observations and views in October 2011.

[7] CIDCO had organised a meeting with Stakeholders on 2nd Nov., 2011. During the meeting the Stakeholders have been apprised about the study, objectives, travel demand analysis, proposed regional and local connectivity, etc. and observations & views sent by the Stakeholders and the compliance prepared by the consultants were discussed.

[8] Consultants had prepared the compliance on Stakeholders' views and observations and suggested to CIDCO to have a meeting with Stakeholders for further discussions on the observations/ views and compliance and pave the way for concluding the study after incorporating the suggestions as appropriate. Consultants have updated the DFR after incorporating the views of CIDCO and other stakeholders wherever appropriate and Final Report has been compiled.

[9] Metro Line 1: Versova-Andheri-Ghatkopar (under operation); Metro Line 2A: Dahisar-DN Nagar (Under Construction); Metro Line 2A: Dahisar-DN Nagar (Under Constriction); Metro Line 2B: D N Nagar-Mandale (Under Construction); Metro Line 3: Colaba-SEEPZ (Under Construction); Metro Line 4: Wadala-Ghatkopar-Mulund-Thane-Kasarvadavli-Gaimukh (Under Construction); SS Nagar-Jogeshwari-Kanjurmarg-Vikroli (Under Construction), etc., some sections of Western Freeway, MTHL, MMC, etc.).

Mumbai International Airport (NMIA)" study analysis and recommendations and prepare "Detailed Traffic Management and a Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)".

1.2 DOMAIN OF THE ASSIGNMENT

1.2.1 Objectives

Given the above-mentioned context and purpose of the assignment, it is intended to visualize the requirements of enhanced transport connectivity to the proposed NMIA, faster access/ ingress to/egress from the airport to the various strategic destinations within MMR as well as connectivity to the inter-city highway corridors. In addition, within Navi Mumbai area, micro level assessment of transport network requirements, enhanced connectivity from Navi Mumbai Airport to major destinations within Navi Mumbai area. With this as backdrop the objectives of this consultancy services is as follows:

a) Review and assessment of cumulative impact of all the development and increased inhabitation being carried out or proposed to be carried out by the Project or other agencies in this 05 Kms radius under different scenarios of space and time .
b) Review of various traffic & transportation projects planned by CIDCO, MRVC, MMRDA, NHAI, PWD, JNPT, NMMC in MMR and updation of Multi modal regional connectivity plan;
c) Prepare a detailed traffic management and traffic decongestion plan to ensure that the current level of service of the roads within a 5 km radius of the NMIA site is maintained and improved upon. To interact with various concerned stake holders by conducting stake holders meeting appropriately and preparing the final report incorporating the concerns of all the stake holders.
d) The proposed transport corridors as per CTS for MMR Updation study, projects conceived by MMRDA as part of other studies, studies carried out by CIDCO, MRVC, MMRDA, etc. shall form the base for the study. In the present study, it is intended to use secondary data analysis (no primary surveys are expected to be undertaken). Consultants to use updated travel demand models for the present study.

1.2.2 Scope of Services

The scope of work of the proposed study shall broadly include the following main tasks:

Task 1: Review and assessment of the cumulative impact of all the development and increased inhabitation being carried out or proposed to be carried out by the Project or other agencies in this 5 Km radius under different scenarios of space and time

a) Delineation of study area within 5 km radius from NMIA for preparation of Traffic Management and Decongestion Plan;
b) Review of Population and Employment assessments and forecasts for the Year 2017 and horizon period upto 2041 within the vicinity of 5 km radius from the proposed NMIA;
c) Review of existing transport infrastructure within the vicinity of 5 km radius from the proposed NMIA;
d) Assessment of level of service on road transport network within the vicinity of 5 km radius from the proposed NMIA (Year 2017) from CTS for MMR Updation Study; and
e) Framework for assessment of cumulative development impact of all the developments (landuse and transport) for the horizon period upto 2041 within the vicinity of 5 km radius from the proposed NMIA.

Task 2: Review of various Traffic & Transportation Projects planned by CIDCO, MRVC, MMRDA, NHAI, PWD, JNPT, NMMC in MMR and updation of Multi modal regional connectivity plan

a) Review and status of various transportation projects (Road, Rail and Passenger Water Transport) relevant for Navi Mumbai International Airport;
b) Review and status of project preparatory works carried out so far on metro connectivity between Mumbai and Navi Mumbai Airports and their extensions;
c) Review and status of project preparatory works carried out so far on road, metro and Passenger Water Transport connectivity between Island City and Navi Mumbai Airport;
d) Review and status of project preparatory works carried out so far on road and metro connectivity between other ULBs of MMR and Navi Mumbai Airport;
e) Travel demand assessment for the metro connectivity between Mumbai and Navi Mumbai airports and their extensions;
f) Travel demand assessment for the road, metro and Passenger Water Transport connectivity between Island City and Navi Mumbai Airport;
g) Travel demand assessment for the road and metro connectivity between other ULBs of MMR and Navi Mumbai airports and their extensions;
h) Updation of Multi modal regional connectivity plan for Navi Mumbai International Airport; and
i) Recommend phased development of the Multi modal regional connectivity plan.

Task 3: Traffic Management and Traffic Decongestion Plan for the area within 5 km radius from the NMIA

a) Review of NMIA Master Plan;
b) Delineation of study area within 5 km radius from NMIA for preparation of Traffic Management and Decongestion Plan;
c) Preparation of Existing transport network in the delineated study area and assessment of traffic volumes and level of service;
d) Preparation of Concept Level Transport Network Master Plan for the delineated study area with all the regional linkages (road, metro, suburban and PWT) and local transport network connectivity considering improvement of intersections, flyovers/ elevated roads, etc.;
e) Transport network analysis for the horizon period upto 2041 under Immediate term (2021), Short term (2026), Medium Term (2031) and Long term (2041); and
f) Preparation of Detailed Traffic Management Plan and Traffic Decongestion Plan to ensure maintenance and improvement of current service level of all roads in the delineated study area.

1.3 APPROACH & METHODOLOGY

1.3.1 Key Considerations

Air Passenger and Cargo Demand

Preparation of Comprehensive Master Plan, Detailed Project Report and Procurement Documents for the proposed Navi Mumbai International Airport is in progress. As part of the Master Plan, CIDCO has carried out air passenger demand and cargo demand for the NMIA and CSMIA. In the analysis it has been assumed that, both CSMIA and NMIA will operate both international and domestic operations. The forecasted demand includes the airport wise demand for domestic and international air passengers and cargo for the

horizon period upto 2031-32. The regional and local transport connectivity requirements shall be studied using the forecasted air passenger and cargo demands of the CSMIA and NMIA.

Alternative Scenarios

The regional and local transport connectivity proposals for the NMIA shall be recommended in such a way that, the transport network connectivity is resilient to expanding air passenger traffic, but the passenger forecasts and mix between domestic and international travel contained in the LBG working papers will be adopted.

Area considered for Local Connectivity

The local transport connectivity for the NMIA is more important in the immediate vicinity of the airport and local facility impacts become less evident with distance from the Airport. It is our considered view that, the existing and proposed transport network located within 25 km radius from the NMIA location shall be analysed at macro level and transport network located within 5 km from NMIA shall be analysed at micro level for assessment of capacity enhancements, traffic management measures, etc. However, the impact on major regional transportation facilities will be evaluated if airport related travel demands, not considered in CTS, have capacity or priority implications.

Service Level

The volume/capacity ratios which is an indicative of traffic operating conditions i.e. service levels on the road network in the immediate vicinity of airport is very important. The road network in the immediate vicinity of the NMIA should ideally offer very good level of service in the horizon year which means fast dispersal of traffic and less travel times. Air passengers can become very frustrated if traffic congestion on roads within sight of the Airport results in missed flights or wasted non-refundable tickets. We contemplate at this stage the network and systems recommended should offer predictability of travel times from different parts of the region meaning to say that service levels offered by major regional corridors as one approaches the airport. Further, major junctions/ intersections need to be grade separated to avoid traffic signal delays. Minor junctions need to be signal controlled preferably with traffic actuated signaling system to avoid overall delays for the traffic. We anticipate that there will need to consider enhancement of some of the roads approaching the Airport to expressway or freeway standards.

Systems

Metro system, sub-urban, road and passenger water transport system shall be considered for enhanced regional airport transport connectivity and metro/monorail, high speed bus system, road and passenger water transport system shall be considered for local transport connectivity. In totality, an integrated multi modal regional and local transport connectivity plan for NMIA shall be prepared. Recognizing that, timing or budgetary constraints may necessitate the progressive implementation of preferred connectivity improvements.

1.3.2 Approach & Methodology

LEA Group Consultants has the privilege of involvement in the preparation of CTS for MMR, Business Plan, Strategic Monorail Master Plan, Delineation of DMIC influence area in Maharashtra, Technical Assistance project, Integrated Mobility Plans for Thane and Kalyan-Dombivli municipal corporation areas, Regional and Local Transport Connectivity for NMIA, Comprehensive Mobility Plan for Greater Mumbai, Updation of CTS for MMR study, etc. and knew various development happened in the past, transportation

infrastructure plans for the future, ongoing efforts of various planning and implementation organisations in MMR, etc. Having understood the specific requirements of providing Detailed Traffic Management and Traffic Decongestion Plan for the proposed NMIA, the overall approach for the study has been made into the 3 tasks and 19 sub-tasks and the same are presented in Table 1-1.

Table 1-1: List of Tasks/ Sub-tasks Conceived for the Study

Task/ Sub-task	Task/ Sub-task Name
Task 1	**Review and assessment of cumulative impact of all the development and increased inhabitation being carried out or proposed to be carried out by the Project or other agencies in this 5 Kms radius under different scenarios of space and time**
Sub-task 1-1	Delineation of study area within 5 km radius from NMIA for preparation of Traffic Management and Decongestion Plan
Sub-task 1-2	Review of Population and Employment assessments and forecasts for the Year 2017 and horizon period upto 2041 within the vicinity of 5 km radius from the proposed NMIA
Sub-task 1-3	Review of existing transport infrastructure within the vicinity of 5 km radius from the proposed NMIA
Sub-task 1-4	Assessment of level of service on road transport network within the vicinity of 5 km radius from the proposed NMIA (Year 2017) from CTS for MMR Updation Study
Sub-task 1-5	Framework for assessment of cumulative development impact of all the developments (landuse and transport) for the horizon period upto 2041 within the vicinity of 5 km radius from the proposed NMIA
Task 2	**Review of various Traffic & Transportation Projects planned by CIDCO, MRVC, MMRDA, NHAI, PWD, JNPT, NMMC in MMR and updation of Multi modal regional connectivity plan**
Sub-task 2-1	Review and status of various transportation projects (Road, Rail and Passenger Water Transport) relevant for Navi Mumbai International Airport
Sub-task 2-2	Review and status of project preparatory works carried out so far on metro connectivity between Mumbai and Navi Mumbai Airports and their extensions
Sub-task 2-3	Review and status of project preparatory works carried out so far on road, metro and Passenger Water Transport connectivity between Island City and Navi Mumbai Airport
Sub-task 2-4	Review and status of project preparatory works carried out so far on road and metro connectivity between other ULBs of MMR and Navi Mumbai Airport
Sub-task 2-5	Travel demand assessment for the metro connectivity between Mumbai and Navi Mumbai airports and their extensions
Sub-task 2-6	Travel demand assessment for the road, metro and Passenger Water Transport connectivity between Island City and Navi Mumbai Airport
Sub-task 2-7	Travel demand assessment for the road and metro connectivity between other ULBs of MMR and Navi Mumbai airports and their extensions
Sub-task 2-8	Updation of Multi modal regional connectivity plan for Navi Mumbai International Airport
Sub-task 2-9	Recommend phased development of the Multi modal regional connectivity plan
Task 3	**Traffic Management and Traffic Decongestion Plan for the area within 5 km radius from the NMIA**
Sub-task 3-1	Review of NMIA Master Plan
Sub-task 3-2	Preparation of Existing transport network in the delineated study area and assessment of traffic volumes and level of service
Sub-task 3-3	Preparation of Concept Level Transport Network Master Plan for the delineated study area with all the regional linkages (road, metro, suburban and PWT) and local transport network connectivity considering improvement of intersections, flyovers/ elevated roads, etc.
Sub-task 3-4	Transport network analysis for the horizon period upto 2041 under immediate (2021), short (2026), Medium (2031) and long term (2041)
Sub-task 3-5	Preparation of Detailed Traffic Management Plan and Traffic Decongestion Plan to ensure maintenance and improvement of current service level of all roads in the delineated study area

1.4 CONTEXT AND COVERAGE OF THE REPORT

The first deliverable Approach Paper of ***"Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)"*** had covered setting out the direction to the proposed study and methodology, work plan, reporting schedule, evolving approach & methodology of achieving key

outcomes of work etc. Approach Paper also covered areas on which the study needs to be focused, facilitation required from the MMRDA and CIDCO in timely completion of the study.

In the second deliverable i.e. Draft Report on "***Assessment of Cumulative Impact of all the Developments and Multi Modal Regional Connectivity Plan for Navi Mumbai International Airport***", Consultants presented the process followed to assess the cumulative developments across MMR and more specific to NMIA as special generator and surrounding developments over horizon period upto 2041 and assessment of Multi Modal Regional Connectivity plans for NMIA for the horizon years 2021 (Immediate-term), 2026 (short-term), 2031 (medium-term) and 2041 (long-term). Two alternative growth scenarios have been evolved, one is Draft RP scenario, and another is CTS Updation scenario considering all the major developments which are expected to take place in MMR including the NMIA. Population & employment forecasts, alternative growth scenarios, transport network updation and TAZ wise planning parameters, etc. which will be input for the travel demand & network analysis for the horizon period upto 2041 with a special focus on NMIA are presented in the report. Further, the report covers, multi modal regional transport networks considered for the analysis and travel demand & network analysis carried out for the horizon years 2021 (immediate term), 2026 (short-term), 2031 (medium-term) and 2041 (long-term). Assessment of travel times by various major modes, from different TAZs, to the NMIA is done considering the proposed transport network and travel demand assessed (using EMME software) for the horizon year 2041 to describe the effectiveness of proposed multi modal regional transport network (road, bus, suburban and suburban) to NMIA.

The Third deliverable i.e. Draft Report on "***Traffic Management and Traffic Decongestion Plan for the area within 5 km radius from the Navi Mumbai International Airport*** " focuses on the Traffic Management and Traffic Decongestion Plan for the area within 5 km radius from the NMIA and describes delineation of study area and characteristics, travel demand and transport network analysis with a focus on traffic operating conditions in the delineated area over horizon period upto 2041 and assessment of traffic management measures for the horizon years 2021 (Immediate-term), 2026 (short-term), 2031 (medium-term) and 2041 (long-term).

Draft Final Report on "***Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)"*** is fourth among the series of reports agreed and submitted. This report covered content and analysis presented in the above three submissions. DFR was circulated to Stakeholders for their views & suggestions and stakeholder consultation meeting was held on 6th Nov., 2019. During the meeting the Stakeholders were apprised on the study objectives, travel demand analysis, proposed regional and local connectivity, etc. Significant number of queries and suggestions are received. Views/ suggestions received from the Stakeholders are reviewed and the analysis has been further updated. Further, discussions were also held on all aspects of Detailed Traffic Management and a Traffic Decongestion Plan and the stakeholders are informed about the final set of recommendations of the study. The observations and views received from the Stakeholders are presented in Annexure 1-5.

The present report i.e. Final Report on ***"Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)"*** is prepared after incorporating the views/ observations/ suggestions received from the Stakeholders on Draft Final Report. Stakeholders views/observations/ comments received from stakeholders and suggested Actions / Way Forward are presented in Annexure 1-6.

1.5 STRUCTURE OF THE REPORT

This report is structured into eleven chapters including this as indicated below*:*

- **Chapter 0:** presentes Executive Summary on the study;
- ***Chapter 1:*** *presents background, the context of the report along with the structure of the report;*
- ***Chapter 2:*** *presents the brief details on air passenger forecasts;*
- ***Chapter 3:*** *covers the existing transport connectivity to NMIA*;
- ***Chapter 4:*** *covers the* review of ongoing studies and other project interventions;
- ***Chapter 5:*** presents the alternative growth scenarios considered for assessment of transport infrastructure for MMR for the horizon period upto 2041 and process used for assessment of planning parameters;
- ***Chapter 6:*** presents the updation of transport network for the horizon years 2021, 2026, 2031 and 2041;
- ***Chapter 7:*** covers the TAZ level assessment of planning parameters;
- ***Chapter 8:*** covers the travel demand and transport network analysis with a focus on traffic operating conditions in the delineated area over horizon period upto 2041 and assessment of of traffic management measures for the horizon years 2021 (Immediate-term), 2026 (short-term), 2031 (medium-term) and 2041 (long-term);
- **Chapter 9:** covers travel demand assessment and transport network analysis for the horizon years 2021, 2026, 2031 and 2041 for local transport connectivity
- **Chapter 10:** Terminals & Multimodal hubs; and
- **Chapter 11:** presents the summary on study findings, recommendations and way forward.

Chapter 2

Air Passenger Forecasts

2 AIR PASSENGER FORECASTS

2.1 MACRO PERSPECTIVE IN THE PROJECT CONTEXT

2.1.1 National

India is the world's third-largest domestic and overall civil aviation market (January 2018). By 2020, passenger traffic at Indian airports is expected to increase to 421 million from 308.75 million in 2017-18. Contribution of travel and tourism to India's GDP is expected to increase from US$ 234.04 billion in 2017 to US$ 251.64 billion in 2018E. The contribution is further forecasted to increase to US$ 492.21 billion by 2028. Spending on business travel is estimated to increase to US$ 24.41 billion in 2028 from estimated US$ 12.38 billion in 2018, while on leisure travel is forecasted to rise to US$ 432.35 billion in 2028 from estimated US$ 216.94 billion in 2018[10]

Figure 2-1: National Air Statistics

While the growth in the air transport industry is expected to continue, it is important to keep in the backdrop the other efforts and plans that are contemplated with respect to the development of High-Speed Corridors (HSC) connecting major cities of India by Indian Railways. HSC could be potential threat to growth of domestic air travel, if it is able to provide seamless travel at 300 kmph, as contemplated. While this may apparently look as a threat, we feel network of HSC will potentially be reality only after 2025 or even 2030, with first corridor that could be in place not before 2021. It may also become a reality that HSC may aid better connectivity with time and enable in airports being more attractive to travel long distance domestic and international travel.

India's air passenger traffic grew at 16.52% year on year to reach 308.75 million. It grew at a CAGR of 12.72% during FY06-FY18. Passenger traffic in India during Apr-May 2018 was 57.32 million.

Growth in passenger traffic has been strong since the new millennium, especially with rising incomes and low-cost aviation. By 2036, India is estimated to have 480 million flyers, which will be more than that of Japan (just under 225 million) and Germany (just over 200 million) combined. India has become the third largest domestic aviation market in the world and is expected to overtake UK to become the third largest air passenger (Domestic + International) market by 2025.[11]

[10] Note: *At real prices, E – Estimated, F – Forecasted, Conversion rate - US$ 1 = Rs 65.12; Source: World Travel and Tourism Council, Airport Authority of India

[11] Source: Association of Private Airport Operator, Airports Authority of India

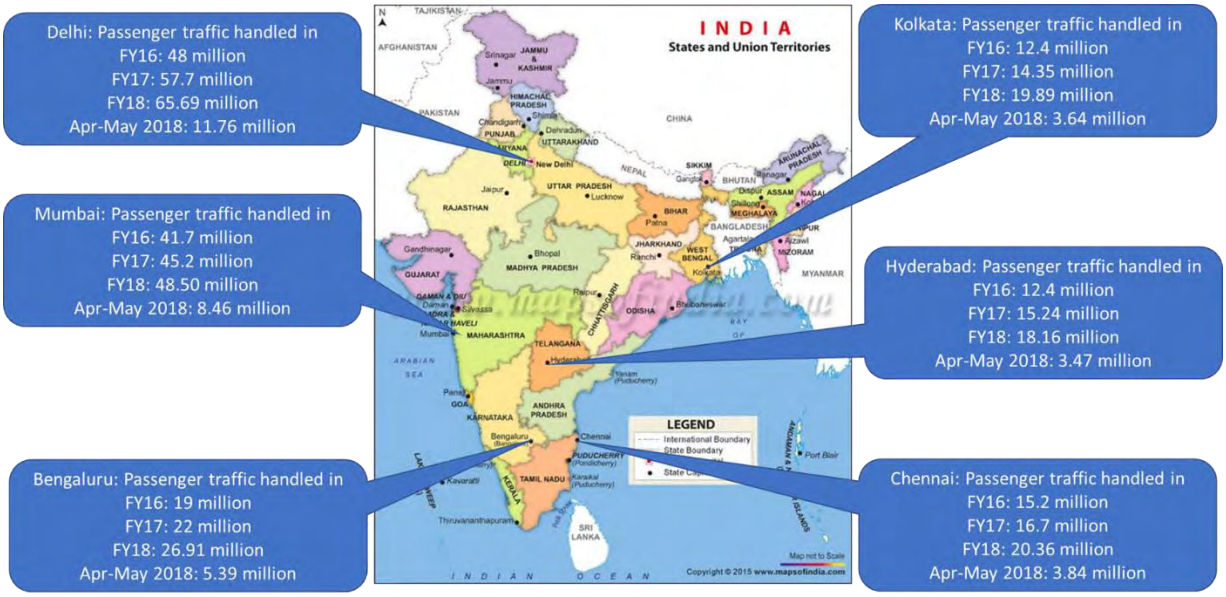


Figure 2-2: Major Airports in India

Source: https://www.ibef.org/download/Aviation-Report-May-2018.pdf

Domestic passenger traffic expanded at a CAGR of 13.91% over FY06–18. International passenger traffic registered growth at a CAGR of 9.36% over FY06-18. In the month of Apr-May 2018, domestic passenger traffic stood at 45.88 million while international traffic stood at 11.44 million. Domestic passenger traffic grew YoY by 18.28% to reach 243 million in FY18 and is expected to become 293 million in FY20E. International passenger grew YoY by 10.43% to reach 65 million in FY18 and traffic is expected to become 76 million in FY20E.[12]

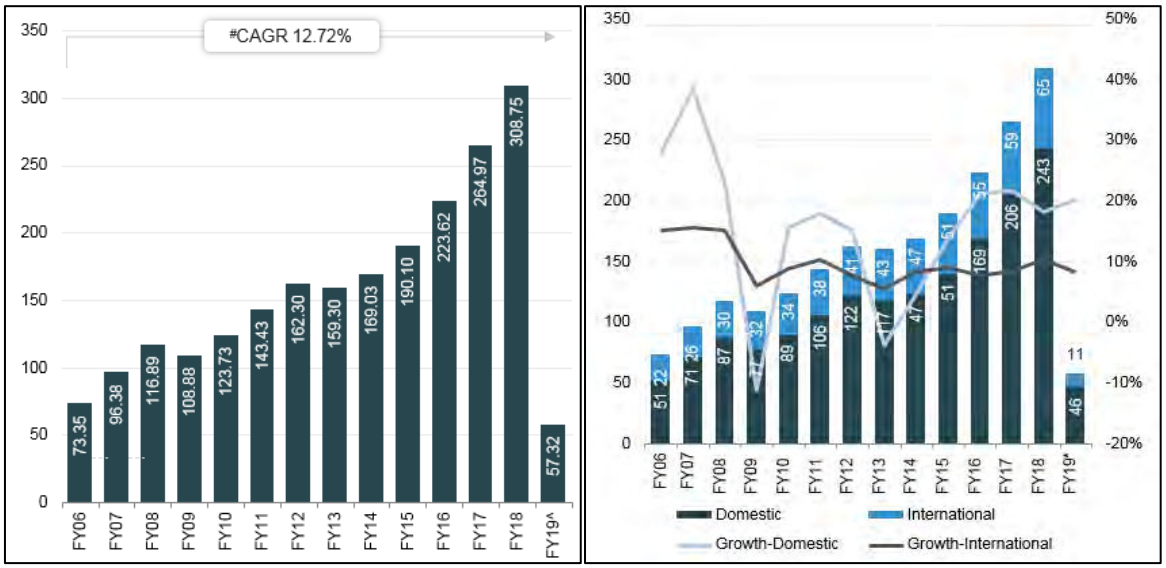


Figure 2-3: (a) Passenger traffic (million); (b) International and domestic passenger traffic (million)

During FY06-18, domestic freight traffic increased at a CAGR of 7.96%, while international freight traffic grew at a CAGR of 7.30% during the same period.

[12] Source: Airports Authority of India, Ministry of Civil Aviation;
Notes: E- Estimate, YoY – Year on Year, FY – Indian Financial Year (April – March), * - Till May 2018

In FY18, domestic freight traffic stood at 1,213.06 tonnes, while international freight traffic was at 2,143.97 tonnes. In the month of Apr-May 2018, domestic freight traffic stood at 215,000 tonnes while international freight stood at 374,000 tonnes. By 2023, total freight traffic is expected to touch 4.14 million tonnes exhibiting growth at a CAGR of 7.27 per cent between FY2016 and FY23. In addition, international freight traffic is expected to grow at a CAGR of 7.13% while domestic freight traffic is expected to grow at a CAGR 7.50% between FY2016 and FY23.

Freight traffic grew at a CAGR of 7.56% during FY06-FY18 to from 1.40 million MT to 3.36 million MT. During Apr-May 2018, total freight traffic handled stood at 0.59 million tonnes. Freight traffic on airports in India is expected to cross 11.4 million tonnes by 2032. Growth in import and export in India will be the key driver for growth in freight traffic as 30 per cent of total trade is undertaken via airways. Airports across the globe are planning on increasing their spending on new technology to keep up with surging passenger traffic, which is expected to double to 370 million by 2020. The anticipated double-digit growth would make India as the world's third largest aviation market by 2020.[13]

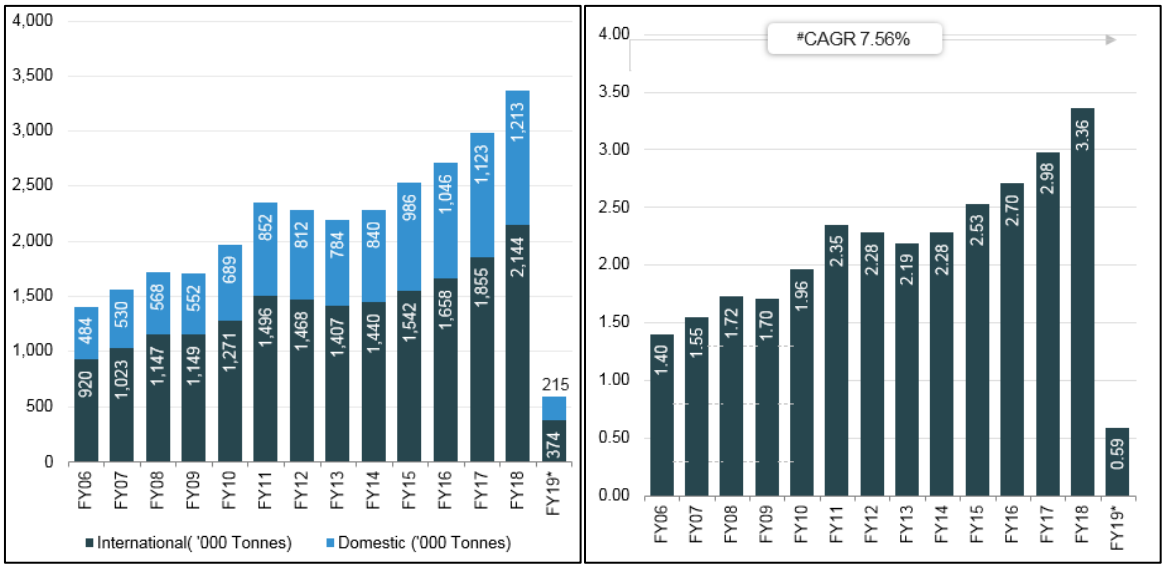


Figure 2-4: (a) International and Domestic Freight Traffic; (b) Freight Traffic (million tonnes)

Among the busiest airports in India, the Indira Gandhi International Airport which serves as the primary civilian aviation hub for the National Capital Region of India, is the busiest airport in the country in terms of passenger traffic and international traffic busiest airport in India since 2009 and the second busiest airport in the country in terms of cargo traffic after Mumbai. With the commencement of operations at Terminal 3 in 2010, it became India's and South Asia's largest aviation hub, with a current capacity of handling more than 40 million passengers, which will go up to 100 million passengers by 2030 with the planned expansion. It was 12th busiest airports in Asia (2014) and 21st busiest airport in the world by passenger traffic (2016).

There are a total of 22 airlines which are operational in India, including Air India and Pawan Hans PSUs, listed companies (SpiceJet, IndiGo Airlines, Jet Lite, Air India Express and Jet Airways) and private airlines (such as GoAir, Air Asia, Vistara and IndiGo). Number of civil aviation aircraft in operation for the scheduled commercial flights jumped 38% to 548 in Dec 2017 from 395 in 2014 and 50 aircraft are being added every year.

[13] Source: Airports Authority of India

Ministry of Civil Aviation is responsible for civilian aviation and Ministry of Defence is responsible for the Indian Air Force. National Civil Aviation Policy 2016 covers the broad policy areas, such as Regional connectivity, Safety, Air Transport Operations, 5/20 Requirement for International Operations, Bilateral traffic rights, Fiscal Support, Maintenance, Repair and Overhaul, Air-cargo, Aeronautical Make in India. Under the UDAN scheme, the government is planning to develop a sustainable air network in over 400 tier-2 cities across India.

2.1.2 Macro Regional

There are three international airports (located at Mumbai (Chhatrapati Shivaji Maharaj International Airport), Nagpur and Pune) and 13 domestic airports functioning in Maharashtra state. The details regarding passenger and cargo traffic from these international airports and Aurangabad domestic airport in Maharashtra state are presented in Table 2-1.

Table 2-1: Operational Statistics of Selected Airport wise Passenger and Cargo Traffic (as on 31st March)

Airport	Passengers (Lakh)			Cargo (Metric Tonne)		
	2016	2017	% Change	2016	2017	% Change
A) Domestic	**372.16**	**415.05**	**11.5%**	**248,513**	**278,096**	**11.9%**
Mumbai	300.46	327.12	8.9%	209,003	234,917	12.4%
Pune	51.76	65.12	25.8%	31,765	34,645	9.1%
Nagpur	15.21	17.82	17.2%	5,958	6,726	12.9%
Aurangabad	2.99	3.24	8.4%	1,406	1,436	2.1%
Juhu	1.74	1.75	0.6%	381	372	-2.4%
B) International	**119.38**	**128.91**	**8.0%**	**496,679**	**547,791**	**10.3%**
Mumbai	116.24	124.42	7.0%	496,246	547,372	10.3%
Pune	2.40	2.57	7.1%	-	-	-
Nagpur	0.74	1.92	159.5%	433	419	-3.2%
Total (A+B)	**491.54**	**543.96**	**10.7%**	**745,192**	**825,887**	**10.8%**

Source: Economic Survey of Maharashtra 2017-18

Government of Maharashtra planned the development of airports through Maharashtra Airport Development Company Ltd. (MADC) at Greenfield airports in Pune, Shirdi, Amaravati, Solapur, Dhule, Chandrapur and Brownfield airport at Karad.

2.1.3 MMR

MMR is massive in terms of its size with population exceeding 24.8 million. It is likely to be in the order of 32.16 million by 2041. It is also expected that workforce participation will go up and could reach 46% by 2041. This would mean the economic base will experience transformation. This growth will induce higher potential of inter urban and international travel apart from intra-regional travel demand. There is a need for efficient connectivity plan for the new Airport from the whole of MMR.

2.1.4 CSMIA Air Passenger Traffic Growth

Since 2006, MIAL (Mumbai International Airport Limited) consortium, led by GVK took over the operations to modernize and to redevelop Mumbai's single commercial airport, CSMIA (Chhatrapati Shivaji Maharaj International Airport) and a new CSMIA Terminal 2 opened in 2014.

Having limited space to further expand CSMIA air and landside, MIAL is continuously seeking operational efficiency improvements, as well as improvement in CSMIA operational procedures in close collaboration with its stakeholders. With facility improvements during the most recent five-year period ended 2017,

CSMIA recorded on average 8.0% overall traffic growth, of which domestic traffic grew 9.2% and international traffic grew 5.1%, and a total of **45.2 million passengers in 2016-17 (reached to 48.5 million passengers in 2017-18 and 48.82 million passengers in 2018-19)**. CSMIA historic traffic statistics are summarized in Table 2-2

Table 2-2: CSMIA Traffic Statistics

Year	Domestic	International	Total	% International
2001-02	6,526,606	4,944,825	11,471,431	43.1%
2002-03	7,172,379	5,087,905	12,260,284	41.5%
2003-04	7,948,293	5,336,152	13,284,445	40.2%
2004-05	9,578,157	6,087,620	15,665,777	38.9%
2005-06	11,682,444	6,727,790	18,410,234	36.5%
MIAL - CSMIA Concession Began:				
2006-07	14,902,373	7,346,556	22,248,929	33.0%
2007-08	17,880,924	7,983,829	25,864,753	30.9%
2008-09	15,316,813	8,118,910	23,435,723	34.6%
2009-10	17,372,231	8,234,508	25,606,739	32.2%
2010-11	19,995,453	9,076,460	29,071,913	31.2%
2011-12	21,043,608	9,704,234	30,747,842	31.6%
2012-13	20,276,951	9,930,563	30,207,514	32.9%
2013-14	21,880,686	10,340,709	32,221,395	32.1%
2014-15	25,205,275	11,429,558	36,634,833	31.2%
2015-16	30,045,933	11,624,418	41,670,351	27.9%
2016-17	32,720,021	12,438,127	45,158,148	27.5%
Compound Annual Growth Rate:				
FY2002-07	18.0%	8.2%	14.1%	
FY2007-12	7.2%	5.7%	6.7%	
FY2012-17	9.2%	5.1%	8.0%	
FY2002-17	11.4%	6.3%	9.1%	

Source: Development of Navi Mumbai International Airport, Annexure 1: NMIA Traffic Forecast Report, Prepared by Navi Mumbai International Airport Pvt. Ltd. (NMIAL), 25th May 2018

Mumbai Metropolitan Region poised for Exponential Air Passenger Traffic Growth

In-line with India's GDP growth, MMR unconstrained traffic demand is forecast to grow and will exceed 85 million passengers by 2025, increasing to 117 million passengers by 2030. It is estimated that, by 2040, MMR unconstrained traffic demand would touch 188 million by 2040 warranting for third airport in MMR.

Table 2-3: MMR Unconstrained Passenger Growth (2017-57)

FY2017	FY2020	FY2025	FY2030	FY2040	FY2050	FY2057
45,158,148	55,149,505	85,804,810	116,707,170	188,071,811	262,881,045	301,542,532
CAGR	7.3%	9.0%	5.9%	4.8%	3.2%	1.6%

Meanwhile, CSMIA traffic is somewhat constrained at peak operating periods and although operational improvements are ongoing, CSMIA is expected to ultimately reach an upper passenger limit of 60-65 MPPA. Therefore, to meet the growing air travel demand for the wider MMR, a second Mumbai airport has been designated with construction of the NMIA and planned FY2022 opening date.

The NMIA concession agreement was formally signed with NMIAL in January 2018 for an initial concession period of 30 years from the appointed date which is extendable for a further 10 years. NMIAL is now advancing plans to operate a two-airport system serving MMR forecast traffic demand. The NMIA

Greenfield airport site approximately 35 km east of the existing CSMIA is located across the Mumbai Harbor.

NMIA will mark the first time there will be a two-airport system in India. Typically, the existing downtown airport is closed upon completion of the Greenfield airport for MMR aggregate passenger and cargo demand projections underpin this forecast study under which two NMIA forecast traffic growth scenarios are considered. Both NMIA scenarios reflect airlines preliminary plans and discussions towards NMIA, as well as ongoing CSMIA operational improvements which will allow CSMIA to reach its ultimate operational capacity.

While the airlines operating in the region have yet to fully develop their strategies to operate from two airports in the MMR, they agree the MMR unconstrained passenger and cargo forecast demand will remain robust and continue its upward growth trajectory. Further on post commissioning of NMIA, the operations profile of various passenger and cargo airlines operating at CSMIA and/or NMIA is expected to be largely driven by available operational capacity at either airport to support airline network growth. Being the "downtown airport", CSMIA benefits from traveler familiarity and certain passenger preferences, while NMIA first-mover advantage enables airlines to efficiently build route networks and develop high flight connectivity, which will offer improved choice and greater convenience.

Two airline market development scenarios studied at NMIA are: (1) "Conservative" case scenario, whereby NMIA sees a gradual buildup of mainly domestic traffic and air carrier route network developments support increasing introduction of international flights and; (2) "Base" case scenario, whereby air carriers introduce new NMIA flights at a faster rate and traffic development is more intense, resulting in higher load factors and operations seen throughout the operating day. Under either forecast scenario, CSMIA is projected to accommodate MMR unconstrained forecast passenger traffic until the opening of NMIA in FY2022. In the two NMIA traffic forecast scenarios, CSMIA ultimate passenger capacity is assumed to be 65 MPPA and cargo capacity of 3 million tonnes in FY2039. Upon the opening of NMIA, all General Aviation operations are shifted to NMIA to meet forecast GA demand for the region.

2.1.5 Operations

The forecasts give indication of the scale and size of demand that need to be met by the two airports in the years to come in MMR. The split of demand for the operations of airports will be taken as given in reports prepared by other detailed studies. But it is important to note that what will finally happen is at best speculation and conjecture now. It will depend on so many factors including the connectivity between the airports, the business plans of the many airlines flying into Mumbai and the growth in the global economy.

2.2 NMIA TRAFFIC FORECASTS

With the MMR traffic established via the unconstrained top-down/bottom-up blended methodology, the next step is to isolate future traffic specific to the new greenfield NMIA using the Traffic Allocation Model. The Traffic Allocation Model combines and blends the results of three individual approaches with consideration to airport capacities:

- Spill-based Approach;
- Airline Choice Model; and
- Airport Choice Model.

As the existing CSMIA airport reaches capacity, the spill-based approach assumes the spill (e.g. excess demand) will overflow to NMIA to the extent airlines introduce new flights there. The following are key assumptions made under the Traffic Allocation Model for NMIA forecasts:

- NMIA is expected to become operational in FY2022;
- CSMIA is projected to accommodate all MMR passenger traffic up until the opening of NMIA in FY2022;
- The proportion of MMR traffic 'spill' varies between the Conservative Case and Base Case scenarios while overall demand remains the same; and
- Although the RMP is prepared for 60 MAP airport capacity, the traffic forecast for NMIA has been prepared to also assess traffic demand beyond 60 MAP, to evaluate the feasibility of NMIA development on a longer horizon

2.2.1 NMIA Conservative Case – Foundation for Master Planning

Considering the preliminary nature of current MMR growth strategies, a "Conservative" case forecast traffic scenario assumes a gradual build-up of mainly domestic traffic as carriers introduce flight capacity to the new airport. NMIA is assumed to have a maximum hourly capacity of 90 ATMs per hour, which is reached in FY2045, with passenger volumes of around 87 MAP. After FY2045, limited passenger traffic growth is seen through aircraft up-gauging and load factor increases, reaching up to 90 MAP in FY2058.

Taking into consideration all the above market factors, as well as interviews conducted with airlines operating in the region, a NMIA Conservative Case traffic forecast scenario is derived where:

- Growth at CSMIA is broadly the same as the base case until it reaches a capacity of 60 MAP in FY2023. CSMIA is projected to grow from 60 MAP to 65 MAP over two years when additional operational capacity is made available in FY2030;
- Cargo volumes at NMIA are forecast to reach 1.5 million tonnes in FY 2045 with small growth to 2058; and
- GA movements in the MMR are forecast to reach 37.5 daily departures by 2058.

2.2.2 NMIA Base Case – Aggressive Airline Development

An alternative NMIA "Base" case forecast scenario projects traffic numbers on the assumption NMIA starts de-peaking in the initial years due to MMR forecast demand and sees higher throughput from aircraft upgauging and higher passenger load factors. NMIA is assumed to have a maximum hourly capacity of 90 ATMs per hour and passenger volumes of approximately 95 MAP which is reached in FY2045. After FY2045, limited passenger traffic is seen through continued aircraft up-gauging and load factor increases, reaching up to 100 MAP in FY2058. The higher passenger volumes at 90 ATMs per hour, over the Conservative Case, are due to more aggressive air carrier actions and traffic being accommodated in off-peak periods of the day, producing higher load factors as well as a higher rate of aircraft up-gauging. In the Base Case:

- NMIA is assumed to see high flight frequencies and largely domestic services, while CSMIA remains the primary airport for international traffic until CSMIA reaches its 65 MAP capacity (in FY2026), after which all traffic growth occurs at NMIA;
- Cargo volumes at NMIA are forecast to reach 2 million tonnes in FY2050 with slight growth to 2058; and
- GA movements in the MMR are forecast to reach 44.5 daily departures by 2058.

Table 2-4: Forecast NMIA Domestic and International Passenger Split – (Million's)

Year	Conservative Case			Base Case		
	Domestic	International	Total	Domestic	International	Total
FY2022	3.8	0.2	4.0	3.8	0.2	4.0
FY2023	6.0	0.4	6.5	8.5	0.4	8.9
FY2024	9.7	0.9	10.6	13.3	0.9	14.2
FY2025	13.6	1.7	15.4	18.5	1.7	20.2
FY2026	17.7	2.9	20.6	23.1	3.0	26.1
FY2027	21.9	4.0	25.9	28.1	4.7	32.7
FY2028	25.9	5.3	31.2	32.0	6.5	38.5
FY2029	29.4	6.8	36.1	36.0	8.4	44.4
FY2030	32.4	7.9	40.4	39.3	10.1	49.4
FY2031	35.2	8.4	43.7	42.4	11.9	54.2
FY2032	37.8	8.9	46.7	45.2	14.0	59.2
FY2033	40.3	9.6	49.9	47.8	16.0	63.8
FY2034	42.6	10.3	52.9	50.2	18.1	68.3
FY2035	44.7	11.1	55.8	52.3	20.3	72.6
FY2036	46.9	11.9	58.7	54.4	22.3	76.7
FY2037	49.0	12.7	61.7	56.3	23.7	80.0

Table 2-5: NMIA Passenger Aircraft Movement Forecast

Year	Conservative Case			Base Case		
	Domestic	International	Combined	Domestic	International	Combined
FY2022	24,506	2,299	26,805	24,506	2,299	26,805
FY2023	40,029	2,939	42,967	56,453	2,651	59,104
FY2024	63,811	6,350	70,160	87,496	6,208	93,704
FY2025	89,556	12,839	102,395	121,667	12,921	134,588
FY2026	116,096	20,771	136,867	151,564	21,357	172,920
FY2027	143,356	27,964	171,320	183,758	32,983	216,741
FY2028	168,901	36,708	205,609	209,298	44,816	254,114
FY2029	191,552	46,311	237,863	234,479	57,538	292,017
FY2030	211,140	53,960	265,100	256,147	68,576	324,724
FY2031	229,124	57,091	286,216	275,531	80,329	355,860
FY2032	245,857	59,607	305,465	293,632	93,873	387,505
FY2033	261,418	63,732	325,150	310,235	106,138	416,373
FY2034	275,699	67,956	343,656	325,158	118,806	443,964
FY2035	289,324	72,256	361,580	338,708	132,100	470,807
FY2036	302,999	76,606	379,605	351,550	143,903	495,453
FY2037	316,624	81,155	397,778	363,385	151,531	514,917

2.2.3 NMIA Air Cargo Forecast

The NMIA air cargo forecasts for the Conservative Case and the Base Case are outlined in Table 2-6 and Table 2-7 respectively. Cargo volumes upon opening of NMIA in FY2022 are expected in the order of 124,000 tonnes and increasing to approximately 1.1 million tonnes by FY2037 in the Conservative Case.

Table 2-6: NMIA Air Cargo Forecast – Conservative Case (Thousands of Tonnes)

Year	Domestic		International		Combined		Total
	Belly	Freighter	Belly	Freighter	Belly	Freighter	
FY2022	29.0	21.9	4.6	68.0	33.6	89.9	123.5
FY2023	45.7	28.5	5.9	91.8	51.6	120.3	171.9
FY2024	80.0	33.3	14.1	161.1	94.2	194.4	288.6
FY2025	112.7	38.6	28.6	190.8	141.3	229.4	370.7
FY2026	124.5	47.1	46.3	212.1	170.8	259.2	430.0
FY2027	136.3	51.8	62.3	230.8	198.6	282.7	481.2
FY2028	159.9	56.0	81.7	248.5	241.6	304.5	546.1
FY2029	180.5	60.5	103.1	264.9	283.6	325.4	609.1
FY2030	198.1	64.7	130.4	278.6	328.5	343.3	671.8
FY2031	214.1	69.2	148.8	292.7	362.9	361.9	724.8
FY2032	228.7	75.5	166.7	300.5	395.5	376.0	771.5
FY2033	242.2	80.7	190.4	311.2	432.6	391.9	824.4
FY2034	254.4	86.3	215.9	322.0	470.3	408.3	878.5
FY2035	265.9	92.2	243.3	333.0	509.1	425.3	934.4
FY2036	277.3	98.5	272.5	344.3	549.8	442.8	992.6
FY2037	288.6	105.3	304.1	355.7	592.7	460.9	1053.6

Table 2-7: NMIA Air Cargo Forecast – Base Case (Thousands of Tonnes)

Year	Domestic		International		Combined		Total
	Belly	Freighter	Belly	Freighter	Belly	Freighter	
FY2022	29.0	21.9	4.6	68.0	33.6	89.9	123.5
FY2023	46.6	29.0	5.9	94.1	52.5	123.2	175.7
FY2024	83.2	34.8	13.8	170.8	97.1	205.6	302.6
FY2025	118.9	40.7	28.8	205.1	147.7	245.8	393.5
FY2026	146.8	50.1	47.6	232.1	194.4	282.2	476.6
FY2027	174.7	55.6	73.4	255.0	248.2	310.7	558.8
FY2028	198.1	60.7	99.8	277.2	297.9	337.9	635.8
FY2029	221.0	66.2	128.1	298.4	349.1	364.6	713.7
FY2030	240.4	71.4	165.7	316.9	406.1	388.3	794.4
FY2031	257.4	77.1	209.4	336.3	466.8	413.4	880.2
FY2032	273.2	84.9	262.6	348.7	535.7	433.6	969.4
FY2033	287.4	91.7	317.0	364.7	604.5	456.3	1060.8
FY2034	300.0	98.9	377.4	381.2	677.5	480.0	1157.5
FY2035	313.4	106.7	444.8	398.2	758.1	504.9	1263.0
FY2036	327.0	115.1	511.8	415.8	838.9	530.1	1369.7
FY2037	339.8	124.1	567.8	433.9	907.6	558.0	1465.6

2.2.4 Summary of NMIA Forecast Scenarios

The following are key assumptions made under the Traffic Allocation Model for MMR forecasts:

- With the Concession Agreement signed in January 2018, NMIA is expected to become operational in (FY2022);
- MMR traffic forecast is identical in both the Conservative and Base case scenarios (higher spill in Conservative case in long term)
- LCCs are expected to be early-movers to NMIA offering a range of domestic and regional international services operating primarily Code C Aircraft (e.g. Airbus A320 family aircraft);
- Depending on the FSC profile, NMIA may be seen as an attractive alternative to CSMIA and shift operations – this is expected to be a gradual shift to NMIA in the early years of NMIA operations;
- NMIA is expected to capture roughly four million passengers, before the airport's market share is expected to ramp-up in the ensuing years;

- Belly cargo will comprise majority of NMIA air cargo volumes. Upon opening in 2022, express carrier freighters, e.g. FedEx, DHL, etc. are expected to shift from CSMIA to NMIA drawn by its greater operational efficiency and modern warehouse facilities which in turn will release more operational throughput capacity at CSMIA;
- Cargo volumes at NMIA are forecast to reach 2 million tonnes by FY2050 in the Base scenario and 1.5 million tonnes by FY2045 in the Conservative scenario, with slight growth up to 2058;
- General Aviation in both scenarios does not continue post FY2022 at CSMIA and all GA traffic is instead shifted to NMIA to meet forecast GA growth and to optimise CSMIA capacity for commercial passenger/cargo operations;
- **Conservative Case:** Upon the opening of NMIA, the traffic is allocated between the two airports based on the traffic allocation model and MMR forecast demand described above. NMIA is assumed to have a steady build-up of domestic traffic, with air carriers allocating measured capacity to the airport. Growth at CSMIA is broadly the same as the Base case until it reaches its capacity of 60 mppa in FY2023. Following on, CSMIA is projected to grow from 60mppa to 65 mppa over two years when additional operational capacity is made available in FY2030;
- **Base Case:** Upon the opening of NMIA, the traffic is allocated between the two airports based on the traffic allocation model and MMR forecast demand described above. NMIA is assumed to ramp-up quickly though largely domestic traffic, while CSMIA remains the primary airport for international traffic, until CSMIA reaches its 65 mppa capacity (in FY2026), after which all further traffic growth occurs at NMIA;
- NMIA is assumed to have a maximum hourly runway capacity of 90 ATMs per hour in both Conservative and Base case forecast scenarios and;
- By maintaining a twin airport system for the MMR and the maximum CSMIA capacity of 65 mppa, NMIA traffic continues to increase until reaching the estimated airport capacity of 90 mppa in the Conservative Scenario and 100 mppa in the Base Scenario.

2.3 REVISED MASTER PLAN FOR NMIA

2.3.1 NMIA Master Plan Approach and Philosophy

Planning philosophy for NMIA development is driven by the objective to ensure maximization of capacity of Navi Mumbai International Airport for future. Although the proposed Master Plan for NMIA, in accordance with the terms of the CA, is based on delivering an airport with minimum capacity of 60 MAP, wherever possible its planning has been undertaken to safeguard longer-term capacity of the airport, so it is able to cater to potential higher traffic demand of MMR in future. Similarly, although projected traffic forecast indicates opening year passenger traffic of 4 MPPA, in case of upwards trend in passenger demand, NMIA is planned to serve 10 MPPA passenger traffic in opening year.

The passenger terminals will be the most visible and iconic element of the development, architectural landmarks exhibiting unique futuristic architectural language. Although the passenger terminals shall be developed in phases in accordance with traffic demand, the configuration proposed will be able to operate in an integrated manner to maximize operational flexibility and serve the needs of passengers and airlines.

The proposed development of NMIA shall be in phases, linked to projected traffic growth in the MMR which itself is dependent on future regional and national economic growth. Each phase of airport and terminal development is planned to ensure flexibility for future phases in order to respond to changing demand and market trends.

The proposed NMIA Master Plan provides the guideline and direction for the long-term development of the required airside, terminal, landside and cargo uses, in the airside, as well as landside zones of NMIA, which are to be implemented in accordance with terms of the CA and applicable law/regulations.

The proposed Master Plan ensures provision/safeguarding of land for future long-term airport needs, for both airport uses within the airside zone, as well as landside zone of NMIA.

2.3.2 NMIA Master Plan

The NMIA Master Plan has been planned in two zones- Airside Zone and Landside Zone. Within these two zones the Master Plan has four key \functional areas of airport development, i.e, 1) Airfield Development, 2) Terminal Development, 3) Cargo Development, 4) Landside Development.

The location of NMIA provides opportunity to maximize its accessibility for its catchment areas. NMIA passenger catchment area is predominantly located to west of NMIA, therefore maximum passengers shall access NMIA from western side via Amra Marg (NH-348A). In view of the existing and proposed airport connectivity infrastructure and proximity of NMIA to the catchment areas of South Mumbai via the proposed MTHL, eastern suburbs of Mumbai, central and northern areas of Navi Mumbai via Amra Marg (NH-348A), there is a clear advantage in locating the principal passenger terminals/facilities on the western part of the airport site, in the form of a Central Terminal Complex.

NMIA Proposed Master Plan has been planned to accommodate required demand for the Final Phase (60 MAP), in both landside and airside areas of the airport site while ensuring an efficient and logical phased development. The airside development strategy is to reserve space on the eastern side of the airfield for future expansion, should it be required to meet a potential increase in demand in the future.

After Initial Master Plan, with increased understanding and additional information on the project site conditions regarding variations in the existing site and soil conditions of the NMIA site, the planning approach was revised to initiate Phase I development on the southern part of the airport site. The current NMIA Master Plan has been developed after incorporating additional information and studies, reflecting a revised development strategy that responds to a greater understanding of the existing site conditions and challenges. The Revised Master Plan (RMP), presented within this report, has been prepared after incorporating comments and suggestions received from CIDCO, following the submission of the UMP. Moreover, the Terminal design prepared by Zaha Hadid Architects has also been incorporated.

2.3.3 Airfield Development

The objective of the proposed airside development for NMIA is to provide the safe and efficient movement of aircraft while maximizing airport capacity through the optimal use of the two parallel runways. The geometry of the airfield is determined by the required runways separation of 1,580m, in accordance with the CA, and by the required airport capacity and airport regulations. Moreover, all airport infrastructure has been planned to allow 24/7 all-weather operations for up to ICAO Code 4F aircraft type, also required in the CA. The proposed airside plan will provide flexibility to operate across multiple operating modes including segregated or mixed mode, and terminal mode (arrive or depart from runway closest to terminal) or compass mode (arrive or depart from runway closest to origin/destination).

2.3.4 Terminal Development

The passenger terminals will be provided in a Central Terminal Complex (CTC) accessed from the west of the airport site where surface transportation facilities connect NMIA to Mumbai as well as Navi Mumbai. The CTC is located equidistant between the two runways to accommodate the proposed taxiway system and to provide symmetrical airfield infrastructure to the northern and southern terminals. The CTC is planned to accommodate a minimum annual passenger handling capacity of 60 MAP in the Final Phase. The terminal capacity will be provided in three terminal buildings to provide maximum flexibility to respond to passenger demand, minimise walking distances and maintain passenger experience to at least IATA Level of Service (LOS) C or Optimum. All three terminals will be developed as two-level terminals, containing the full range of passenger processing, support and commercial facilities expected at a modern international airport and will be designed in consultation with relevant stakeholders, to ensure that all regulatory and operational concerns are considered. The current terminal configuration is planned specifically to maximize the airside frontage for aircraft contact stands to maximize passenger service, provide airline flexibility and to provide the stands required to support the maximum runway capacity.

Table 2-8: Proposed Phasing of Terminals

Terminal	Phase	Capacity (MAP)	Cumulative Capacity (MAP)
T1	Phase I	10	10
	Phase II	10	20
T2	Phase III	20	40
T3	Final Phase	20	60

2.3.5 Landside Development

Landside developments zones at NMIA are planned in the western, northern and eastern areas of the airport, close to the external airport access roads the Amra Marg (NH-348A) on the west, the Bund road in the North and National Highway NH4B/C in the east.

The main passenger access to NMIA is planned from Amra Marg (NH-348A), in the west providing access to the Central Terminal Complex zone via a major new junction interchange to be developed by CIDCO on Amra Marg (NH-348A) at the NMIA entrance. Passengers will use the Western Main Access Road (WMAR) for direct access to the CTC landside area without the need for passing through any further junctions. To either side of the WMAR, all the key airport facilities are located immediately to the north and south of WMAR, such as Utilities Plant, Airport Management Offices, Fuel Farm, Airlines Offices, other related offices and facilities, Reserved Services, Police Station, etc. These facilities have alternative road access, by separate roads further segregating their traffic from passenger activities.

The second main airport access, called Eastern Main Access Road (EMAR) is proposed in the eastern part of the airport site via a new bridge over the Gadhi River connecting the airport with NH-4B. It will provide access to the NMIA Cargo, MRO, GA and other facilities located on the eastern part of airport site, thus ensuring segregation of heavy cargo and MRO vehicular traffic from passenger traffic on the WMAR.

Moreover, two elevated metro lines are considered in the Master Plan of NMIA, with two metro stations, terminating at the site. One metro station is proposed within the CTC landside area, to cater for a metro line coming in from Mumbai to the western part of NMIA, with convenient pedestrian access to all three terminals for passengers and staff. The second metro line, coming from the eastern side of Navi Mumbai, shall lead to a metro station on the eastern forecourt, providing access for staff and visitors at the cargo

and other support facilities in the area as well as to support the future development of the east side facilities, if required.

Maximising the use of public transport is a key theme for NMIA in terms of passenger choice and convenience, and accordingly each terminal will have conventional arrivals and departures kerbs for taxis, cars and premium services, providing passengers with the choice of services they would expect.

In addition, the landside area of Navi Mumbai International Airport also includes land reserved for future landside requirements so that the airport can respond to future trends and needs in the ever-changing aviation industry. This land will be developed for allied activities/services related to airport development and in accordance with sub-section 12 of section 14.3 of General Development Control Regulations for Navi Mumbai and terms of CA. The proposed uses may include such uses, necessary for holistic development of a world class airport, and alluded to in National Civil Aviation Policy 2016 of Ministry of Civil Aviation, Government of India.

2.3.6 Cargo Development

The Air Cargo Facility is planned for ultimate phase capacity to handle 1.5 MT of cargo, and is proposed on the eastern side of the airport where it will have both excellent landside from NH-4B, and airside access, in each case being segregated from the passenger related activities in the west. This will enable the facility to operate and develop in line with demand without compromising passenger facilities.

The proposed cargo facility will have International Cargo and Domestic Cargo operations as part of a single integrated cargo complex serving both belly cargo and freighter cargo. To facilitate long-term development, the cargo complex has been planned with all required supporting infrastructure elements and ancillary facilities.

The proposed location for the cargo facility in the north east of the NMIA site, which has been selected to provide adequate development space and excellent landside and airside access for this critical activity. However, as previously mentioned, NMIA will be developed from south to north and this site will not be available during the initial phases of the airport development. During these early phases, an interim cargo facility will be provided in the south-east of the airport with access to the southern runway. A full range of cargo facilities will be provided, but of a smaller scale until the main cargo facility enters operation upon the opening of the northern runway.

2.3.7 Master Plan Phasing

The NMIA Master Plan is proposed to be implemented in the following four phases, in accordance with CA requirements and traffic triggers:

Phase I: 10 MAP Capacity, with Terminal T1 (part)

Phase I of the NMIA Master Plan is planned with a strategy based on initiating airport development in the southern part of the site first with the southern runway. Phase I facilities are planned within the southern part of the NMIA site, and is planned to accommodate 10 MAP, with planned provision to expand to 20 MAP. Terminal 1 shall be completed and commissioned in Phase I with capacity of 10 MAP, while the overall Terminal 1 with its full capacity of 20 MAP shall be completed in Phase II.

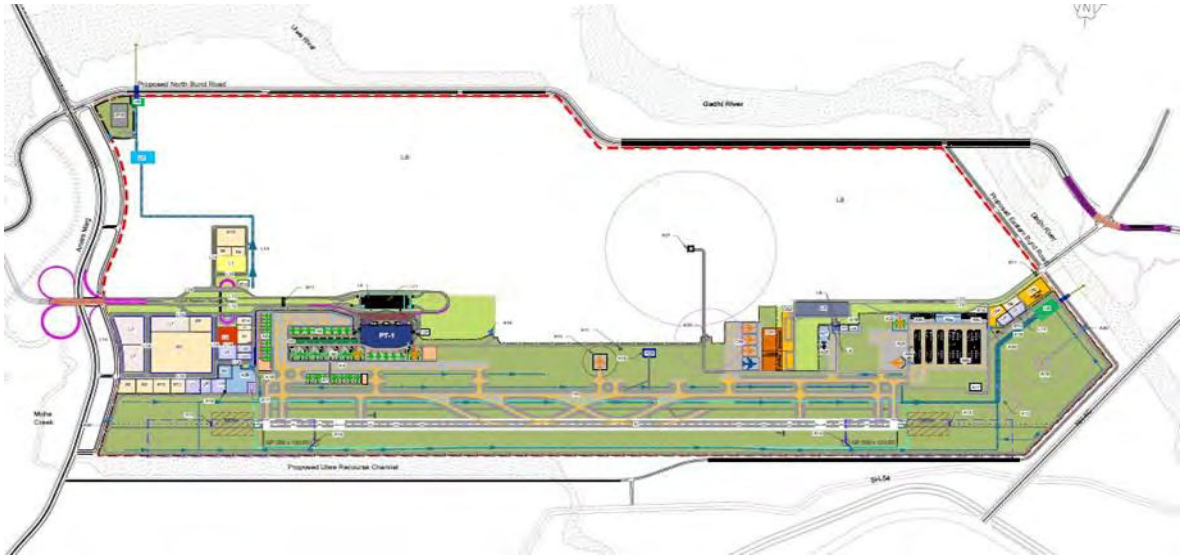


Figure 2-5: Proposed Master Plan Phase I – 10 MAP

Phase II: 20 MAP Capacity, with Terminal T1 (Full)

To avoid unnecessary construction impact to the newly opened airport, most facilities constructed during Phase I will be designed to provide 20 MAP capacity, hence Phase II is modest in scope and primarily consists of the expansion of Terminal 1 and its associated aircraft aprons. Terminal 1 will be expanded to its full capacity of 20 MAP, with a small extension to the head house and the addition of an eastern pier. The apron will expand accordingly to support the increase in stand numbers required to handle 20 MAP.

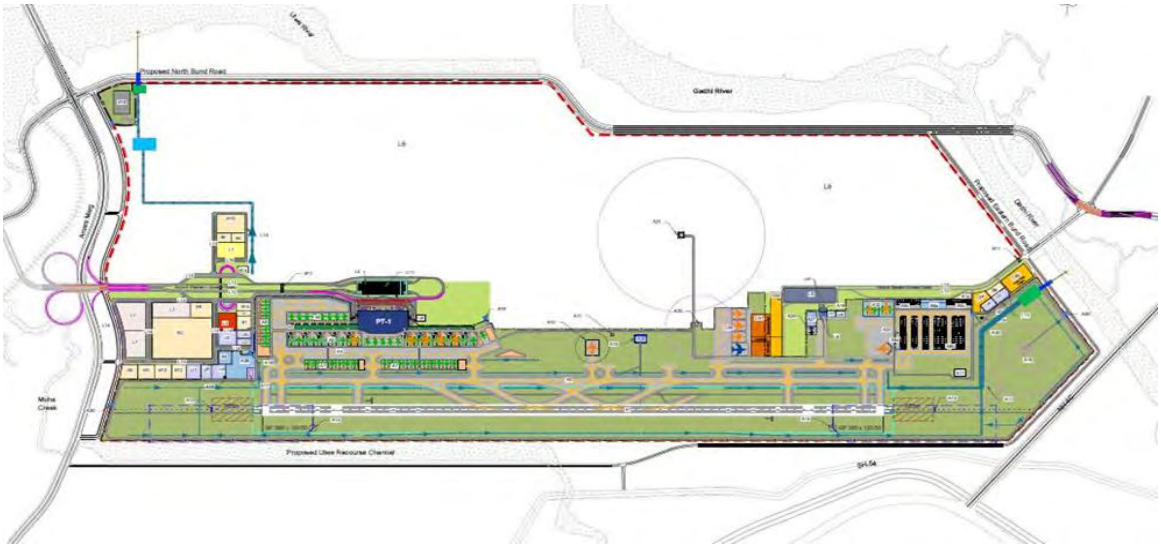


Figure 2-6: Proposed Master Plan Phase II – 20 MAP

Phase III: 40 MAP Capacity, with Terminal T2

Phase III of the development of NMIA represents a major step in the airport's expansion with the construction of Terminal 2 and the Northern Runway. By Phase III the full extent of the northern part of the airport will now be available for development. This ensures the whole airport is now accessible and therefore all facilities can be located or re-located to their final location and expanded in line with demand.

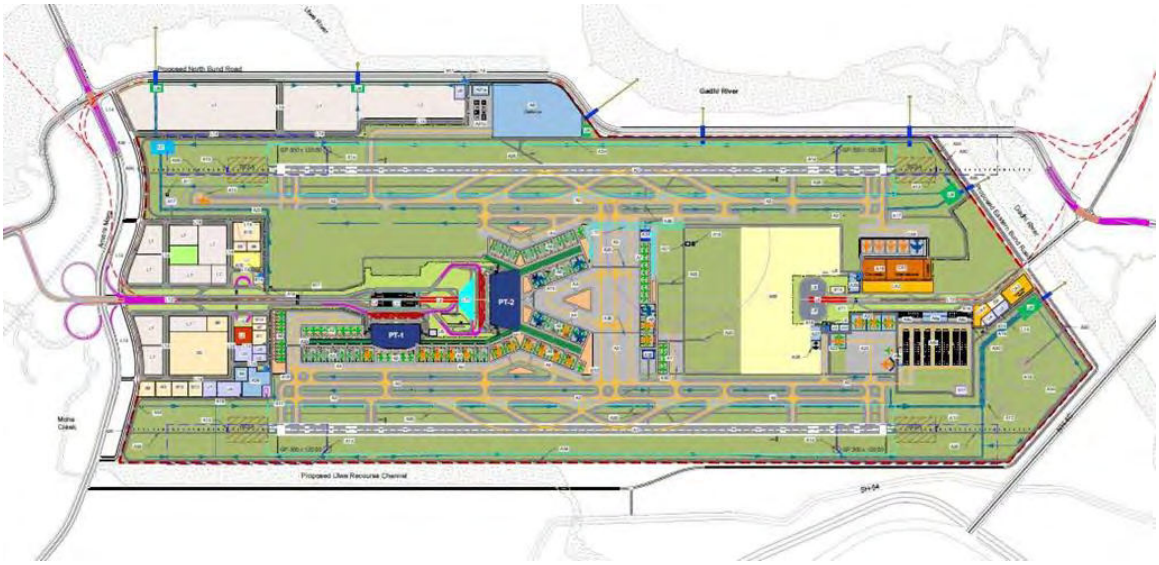


Figure 2-7: Proposed Master Plan Phase III – 40 MAP

Final Phase: 60 MAP Capacity, with Terminal T3

The Final Phase of development of NMIA to 60 MAP will complete the development of the airport facilities in line with the requirements of the CA and the Master Plan. This primarily involves expansion of both the terminal and supporting apron infrastructure required to meet the final phase demand. Terminal 3 will be developed as a 20 MAP domestic terminal, albeit by virtue of being linked to Terminal 2 with the ability to swing stands to serve Terminal 2 international flights. For similar reasons to that of Terminal 2, Terminal 3 is also anticipated to be constructed in a single 20 MAP phase. Additional development space has been allocated both landside and airside to ensure that should further demand arise for passenger, airfield or commercial development, the Master Plan has the capability and flexibility to respond accordingly.

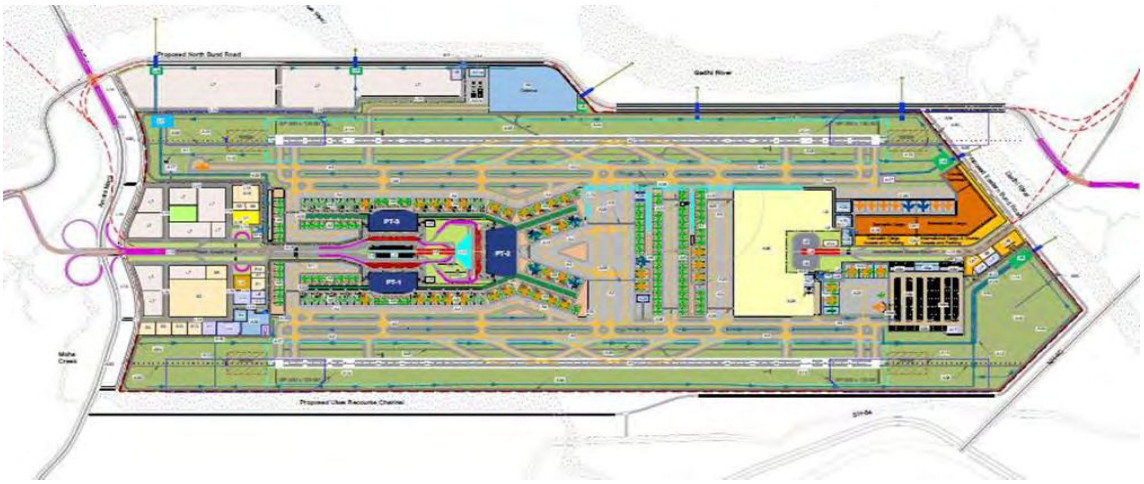


Figure 2-8: Proposed Master Plan Final Phase – 60 MAP

2.3.8 Support Facilities

Support facilities planned for NMIA form an important part of the overall airport development, and are essential for efficient and effective airport operations, airside operations, aircraft maintenance, airline operations and so on. The CA highlights majority of facilities that are required to be provided in the master plan. The CA requirements related to the development of the support facilities alongside the air traffic forecasts guide the sizing. The required Support Facilities at NMIA include ARFF facilities; Defense area;

Fuel Farm; Meteorological Station/IMD Facility; MRO; General Aviation; GSE Maintenance Facility; Flight Catering; Reserved Services Housing; Authority Facilities; Emergency services; Police Aid Post; Police Station; Security checkpoints; Customs Building; Animal Quarantine

2.3.9 Utilities

The proposed utilities system planned for Navi Mumbai International Airport (NMIA) form an integral part of overall airport development. The utilities are planned within the airport site and in relation to the airside, terminal and landside development plan for NMIA. The proposed utility systems for NMIA will be developed in phases, in accordance with demand in various phases. Overall airport wide utility demand is based on passenger and cargo traffic, and benchmarked against similar international and Indian airports. Systems such as the water treatment, power, water storage and sewage treatment facilities will be developed as modular systems. Proposed utilities for NMIA include Power, Water, Sewerage treatment, Fuel, Gas, PNG, Solid Waste, Strom Water Drainage, IT, Telecom, etc

2.3.10 Environment

CIDCO received Environmental Clearance (EC) for Navi Mumbai International Airport (NMIA) project from MoEFCC vide approval letter dated 22nd November 2010, and subsequently received Consent to Establish (CTE) from MPCB for Phase I vide Consent order dated 14th October 2015. The airport project has received all major applicable for its development, establishment and operation including the following:

a) Environmental and CRZ clearance from MoEFCC vide approval letter dated 22nd November 2010;
b) Extension of validity of environment and CRZ clearance from MoEFCC vide letter dated 20th December 2017 with validity extended up to 21st November,2020;
c) Consent to Establish from MPCB for Phase-I vide Consent order dated 14th October 2015;
d) NBWL clearance (within 10 km of Karnala bird sanctuary) from MoEFCC vide letter dated 1st August 2013;
e) Stage–I Forest Clearance from MoEFCC vide letter dated 17th December 2013;
f) Stage – II Forest Clearance from MoEFCC vide letter dated 24th April 2017;
g) CRZ clearance for off-site physical infrastructure of roads, bridges and interchanges has been granted by MCZMA vide its letter dated 15th February,2016; and
h) CRZ clearance for shifting of EHVT lines in the project site was received on 28th August, 2017.

2.3.11 Phasing & Implementation

The NMIA overall implementation strategy is based on project development requirements in accordance with the Concession Agreement (CA), existing site conditions and the implementation schedule of Pre-Development works. Phase I development is based of effective and faster implementation of project, with due consideration to existing site conditions, and schedule of pre-development works initiated by CIDCO. NMIA development for Phase I with a minimum airport passenger handling capacity of 10 MAP and 0.26 million tonnes of cargo per annum within 1,245 days from the Appointed Date. Based on the signing of the Concession Agreement on 8th January 2018 and the appointed date of 7th July 2018, Phase I COD is expected by December 2021. For Phasing and implementation Beyond Phase I, the CA defines traffic triggers. The proposed NMIA Master Plan shall be implemented in four phases.

Table 2-9: Phasing and Implementation Plan for NMIA

Phase	Capacity (MAP)	Implementation (Year)
Phase I	10	FY2018-FY2022
Phase II	20	FY2022-FY2024
Phase III	40	FY2024-FY2027
Phase IV	60	FY2027-FY2030

2.4 LANDSIDE TRAFFIC ASSESSMENT

Landside traffic is estimated based on the traffic and travel characteristics obtained from traffic details at the existing CSMIA airport and secondary data from similar Indian airports. The peak/daily traffic levels, modal splits of airport traffic, vehicle occupancy levels, and dwell times at kerb areas of existing Mumbai and Bangalore airports has been studied in detail and moderated to establish a correlation between air traffic and landside traffic. The traffic on main access road, terminal and kerb roads is estimated for the future phases based on this correlation.

The landside traffic forecast, and facility requirements are presented for the following four phases for all three terminals with capacity of 20 MAP for each terminal. However additional capacity of 10 MAP is considered at T2 for having flexibility in providing required landside infrastructure for future requirements if any.

- Phase I: 10 MAP (T1);
- Phase II: 20 MAP (T1);
- Phase III: 40 MAP (T1+T2); and
- Final Phase: 60 MAP (T1+T2+T3).

In the master plan, the Cargo terminal is located on the eastern side of the airport and while the passenger terminals are located on the western side. The main input for landside traffic assessment planning is the air traffic forecast. The proposed ultimate airport capacity of the western side is 60 MPPA in final phase and around 15 lakh tonnes on eastern side for cargo. It is assumed that both domestic and international traffic would be handled at Terminal 1 in Phase I and II. Beyond Phase II, International traffic would be handled only at Terminal 2 with only domestic traffic at rest of the two terminals. Domestic transfer passengers are assumed to be 8% in Phase I, 9% in Phase II and 12% in later phases. Similarly, in the case of international passengers, transfer passengers are 12% in Phase I, 15% in Phase II and 20% in later phases.

The person trips are estimated with parameters like terminal staff/passenger ratio, Meeter/Greeter ratio, Driver/Passenger ratio, Driver-Visitor/employee which are converted into landside traffic using modal splits and average occupancy of vehicles. Keeping in view of the proposed future Airport metro access, the modal splits are assumed differently for future phases with inclusion of metro in later phases of development and future traffic is estimated. It is assumed that metro access would be available after Phase II of the airport development.

The peak hour traffic on access roads are assessed based on the flight schedules given by air traffic forecasting team and the corresponding peak of passenger traffic at kerb side or landside is estimated. The estimated morning and evening peak hour traffic on the landside are presented in Table 2-10 below.

Table 2-10: Estimated peak Hour Traffic on Access Roads (%)

Peak	Duration	Passengers/Escorts		Employees/Visitors	
		Entry	Exit	Entry	Exit
Morning Peak	8.45AM - 9.45AM	5.3	4.6	10.0	5.0
Evening Peak	3.45PM - 4.45PM	5.3	4.5	5.0	5.0

The parking requirement and average parking duration of passengers and employees considered for parking demand estimation are presented in Table 2-11.

Table 2-11: Parking requirement and Duration

Vehicle Type	Parking Requirement (% for peak hours)			Parking Duration (Hours)	
	Domestic Passengers	International Passengers	Employees	Domestic Passengers	International Passengers
Two-Wheeler	75.0	80.0	65.0	2.0	0.0
Auto	75.0	75.0	5.0	1.5	1.8
Car	55.0	60.0	20.0	2.0	2.5
Taxi*	70.0	70.0	5.0	1.8	2.0
Mini Bus	25.0	30.0	25.0	2.0	3.0

**60% are taxis go to taxi staging while the rest 40% will go to other parking areas*

Support facilities are planned on either side of western main access road and on southern side of eastern main access road. These facilities are also expected to generate considerable traffic which would impact the key access roads and their planning. The traffic from planned facilities is estimated based on information available while the impact of future facilities is also considered in the estimation. The traffic that is generated from the proposed facilities is estimated based on benchmarked modal split and peak hour traffic generation assumptions based on Greenfield airports in India. The estimated peak hour (critical morning peak) passenger and employee traffic for total airport is presented in Table 2-13. The estimated cargo traffic as presented in Table 2-14 is considered for capacity assessment of eastern access as cargo terminal access is from eastern side of NMIA.

Table 2-12: Peak Hour Traffic (%)

Activity	Peak Hour (%)	
	Employee	Visitor
Office	15	8
GA, MRO and Defense	10	5
Residential	10	8
Utilities	10	5

Table 2-13: Peak hour Traffic (PCUs) for Passenger terminal

Category	Phase			
	Phase I	Phase II	Phase III	Final Phase
Passengers	1,388	2,686	5,157	6,479
Employees	606	1,177	1,939	2,109
Total	**1,994**	**3,864**	**7,096**	**8,589**

Table 2-14: Estimated Peak Traffic from Cargo Terminal

Category	Phase			
	Phase I	Phase II	Phase III	Final Phase
Employees	178	331	609	663
Freight Traffic	133	204	323	476
Total	**310**	**535**	**932**	**1,139**

Chapter 3

Existing Transport Connectivity to NMIA

3 EXISTING TRANSPORT CONNECTIVITY TO NMIA

3.1 EXISTING ROAD CONNECTIVITY TO NMIA

Sion Panvel Highway and Thane-Belapur Road (SH-42) are the major regional road linkages in the north providing connectivity for the road traffic coming from Greater Mumbai and Thane respectively, with Amra Marg (NH-348A) along with Palm Beach Marg establishing access to the NMIA. The other major corridors in Greater Mumbai which provide connectivity to Sion-Panvel Highway are Eastern Express Highway (EEH), Jogeshwari-Vikhroli Link Road (JVLR), Ghatkopar-Mankhurd Link Road (GMLR), Santacruz-Chembur Link Road (SCLR), Eastern Freeway, etc.

Amra Marg (NH-348A) is a major road of urban expressway standards connecting Sion Panvel Highway at Devisaddle, passing through Belapur, Nerul and Ulwe and finally meeting SH-54 and NH-4B near village Pedheghar. The other important regional road linkages to the NMIA are NH-4B and SH-54 for the traffic coming from Mumbai Pune Expressway (officially Yashwantrao Chavan Expressway) and NH4 from southern side and south-eastern side. The NH-4B connects NH-4 and Jawaharlal Nehru Port. It has two links i.e. northern link connecting NH-4 at Kalamboli to cater to the Mumbai bound traffic and southern link to Pune bound traffic. These two links also act as western bypass to Panvel town. SH-54 connects Uran with Panvel town and runs on the southern boundary of Airport. Palm Beach Marg starts at the junction of Kille-Gaothan and Amra marg (NH-348A) connects Thane Belapur Road on the north at Reliance Silicon at Pawane. At Vashi it passes under the Sion Panvel Expressway and connects interchange facilities. The Kalyan/Badlapur-Shill-Mahape Road (SH-40 & SH-43) is another link which connects Kalyan, Badlapur and Navi Mumbai after crossing NH-4 and Thane-Belapur Road.

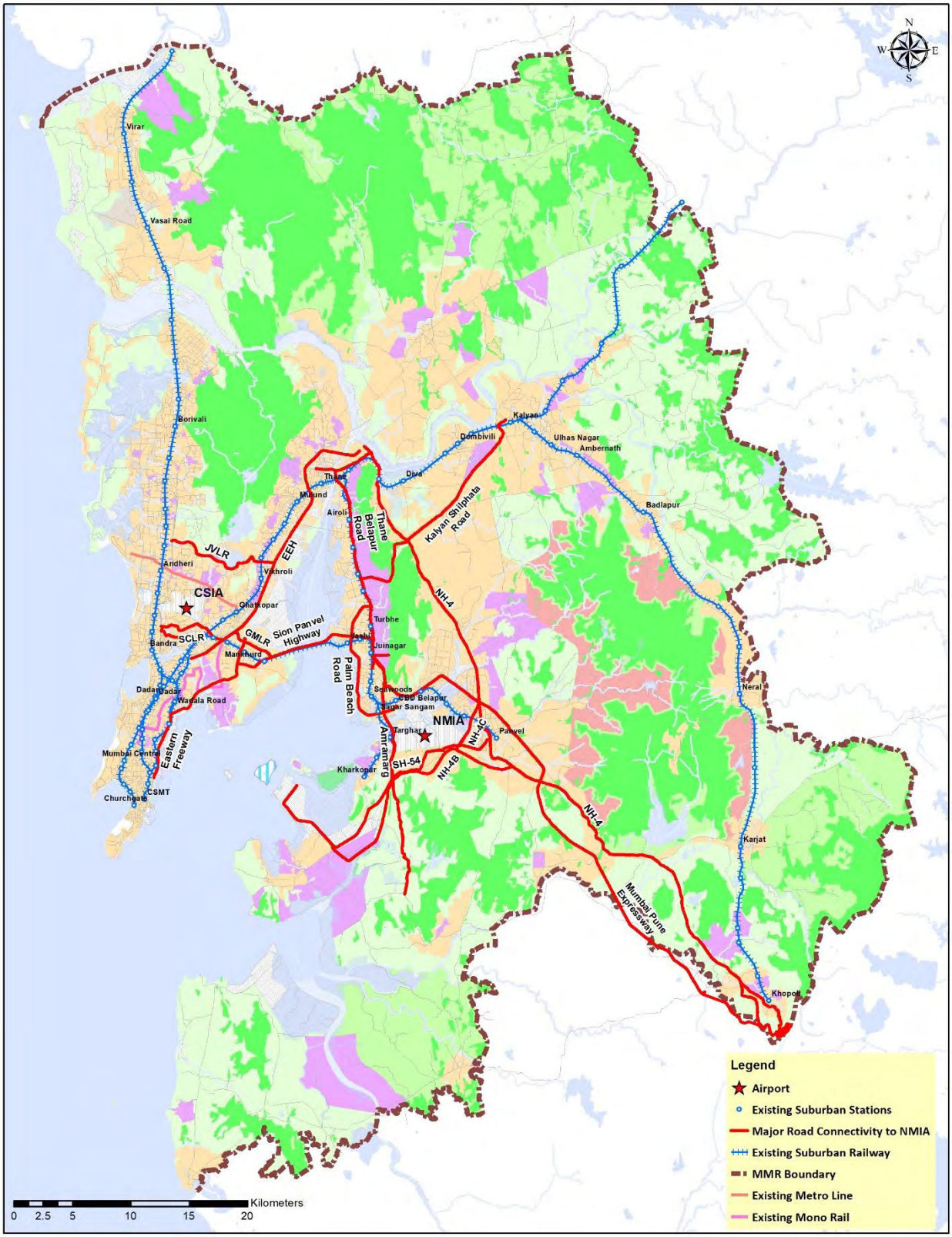


Figure 3-1: Existing Road Connectivity to NMIA

3.1.1 Major Road Corridors in the vicinity of NMIA

Invariably, the ground access planning process for any airport requires good knowledge of the present characteristics and necessary improvements for the surrounding/connecting corridors. The characteristics

of major corridors establishing connectivity with NMIA are seen in perspective of improving connectivity and level of service. This section briefly describes the characteristics of the present corridors within proximity of NMIA as well as development needs and considerations. On having identified major corridors with respect to NMIA connectivity, Consultants made site visits and prepared an appreciation of these corridors and their present characteristics.

Major Road Corridors in the vicinity of NMIA is shown in Figure 3-2 and details of these road corridors is presented in Table 3-1. Presently, the proposed location for NMIA is connected with established good road network of regional and local level. They offer varied level of service. Proposed NMIA of its own kind and scale certainly needs capacity augmentations and also re-defining hierarchy of the road connectivity focusing airport. Nevertheless, understanding of present major connections to proposed NMIA becomes more than contextual. Details on appreciation of the major corridors is presented in the following sections.

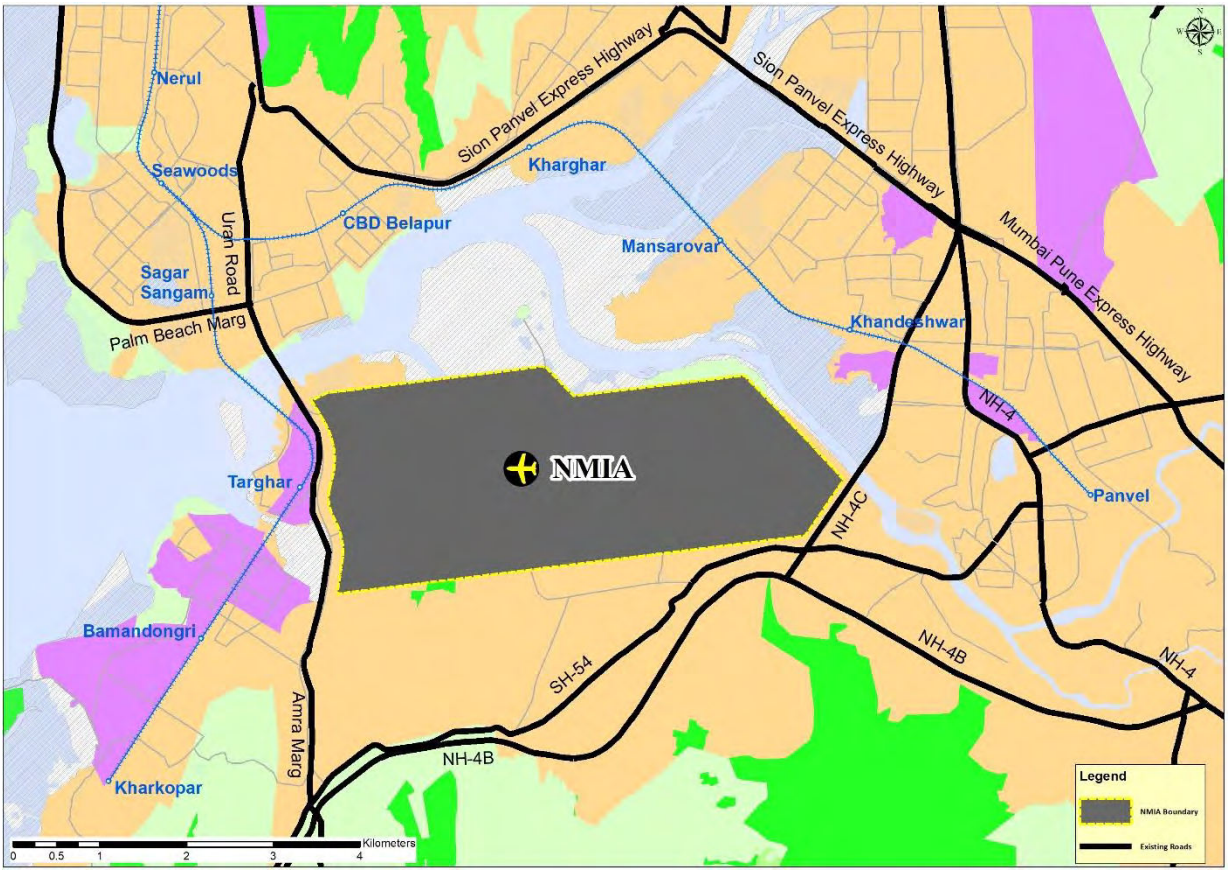


Figure 3-2: Major Road Corridors in the vicinity of NMIA

Table 3-1: Details of Existing Road Connectivity to Proposed NMIA

Catchment	Directions w.r.t NMIA	Major Connectivity Corridors
Mumbai	North-West	**Sion-Panvel Highway** through Thane Creek Bridge near Vashi, Palm-Beach Marg and Amra Marg (NH-348A)
Vasai-Virar, Thane-Nashik, Gujarat	North (Belapur Node)	**Thane-Belapur State Highway** (SH42) along with inter urban connections, Sion-Panvel and Amra Marg (NH-348A)
Thane-Nashik, Kalyan-Dombivali, Vasai-Virar, Nagpur-MP	North (Kalamboli Node)	**NH4** Kalamboli - Thane section further linkage with NH3 and Ghodbunder
Pune-Solapur, Andhra-Karnataka	South-East	**Mumbai-Pune Expressway** (MPEW) taking off from Kalamboli bypassing Panvel **Existing NH4**, Kalamboli - Palaspe Phata - Pune through Panvel
Raigad-Ratnagiri, Goa	South	**NH66** Mumbai-Goa, taking off at Palaspe Phata on NH4B
JNPT – Uran – Panvel	South and East-West	**Amra Marg** (NH-348A) (Uran Phata to Gavan Phata NH4B), **NH4B** Palaspe Phata-JNPT (with Link to Kalamboli) **SH54** Panvel Uran State Highway

Existing Lane Configuration along with classification of all these corridors are summarized in Table 3-2 and presented graphically in Figure 3-3.

Table 3-2: Existing Road Corridors: Lane Configuration

Road Corridor	Lane Configuration	Classification
Palm Beach Marg	Six Lane Divided Carriageway	Urban Arterial
Amra Marg (NH-348A)	Four Lane Divided Carriageway	Urban Arterial/Part NH
NH4B	Four Lane Divided Carriageway	Regional Highway Corridor
NH4	Four Lane Divided Carriageway	Regional Highway Corridor
Sion- Panvel Highway	Ten Lane Divided Carriageway	Regional Corridor
Thane-Belapur SH	Six Lane Divided Carriageway	Urban Arterial
Panvel-Uran SH	Two Lane Carriageway	Major District Road

Figure 3-3: Existing Lane Configuration

Sion Panvel Highway

The corridor is a one of the major links connecting Mumbai, Vashi and Panvel. It starts from Sion (Suman Nagar Junction) and stretches up to Panvel (Kalamboli junction) on the Sion – Panvel Highway directing towards Pune. It is 29.5 km long. This is one of the important regional highways. It has heavy traffic density and every major node is provided with flyovers for segregation of through traffic and turning traffic. It has very few conflicts with other arterials or minor roads which ensures free flow of traffic without much of restrictions. The corridor is developed to facilitate a free movement without any hindrances and still authorities are further working for enhancement. It has a few pedestrian infrastructure facilities like foot over bridges and skywalks.

There are several types of utility services viz. water mains, electric lines, electric poles, etc. present along the corridor. Except for the high-tension lines, all the utilities runs underground the corridor. Corridor on Sion-Panvel highway passes through Belapur and Kharghar. It is found that various types of land uses – from residential to industrial- are permitted along the road. The land on the left side of the Sion-Panvel Highway is largely utilized for the residential zone interspersed with institutional and commercial utilization on both sides. Near Kharghar side of the highway, a good mix of institutional and commercial usage is present. Such institutional utilization along the corridor includes National Institute of Fashion technology. Some other institutional utilization of land use has been noted which is opposite to the residential development of Belapur area. Land between Kharghar Station and Panvel Creek is reserved for commercial use. Most of the part along the corridor is developed. The residential zone with several high-rise buildings may include other commercial and institutional development. Development near Kharghar is more diverse than rest part of the corridor. Very few pieces of land are found to be vacant along the

corridor. The suburb of Kamothe, which is mostly residential, is near the Kalamboli junction. On the right side of the road near to Kalamboli junction, there is a small cooperative industrial area.

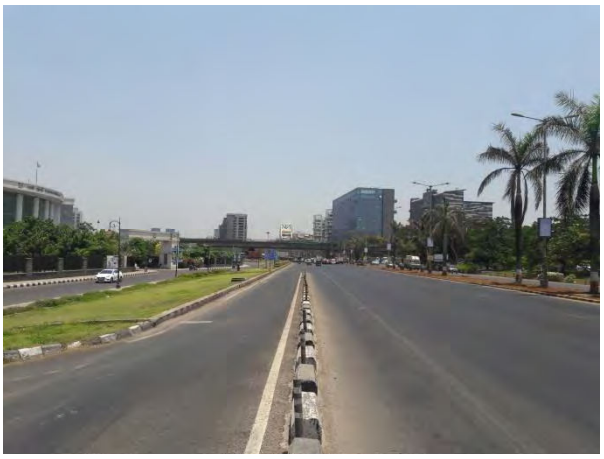
Suman Nagar

Kalamboli Junction

Palm Beach Marg

Corridor starts from Sion-Panvel intersection near Vashi and connects Belapur Phata (Ref.Figure 3-4). It is 8.9 km long stretch. This serves as a link between Greater Mumbai and Navi Mumbai. The corridor is potentially been used for urban trips between Vashi node-Sea woods-Belapur. It runs parallel to Thane creek on one side till sea woods. Corridor geometry is smooth and one can negotiate at designed speeds almost throughout the length. Corridor geometry is smooth, and one can negotiate at designed speeds almost throughout the length. There are several types of utility services viz. water mains, electric lines, electric poles, etc. along the corridor. Except for the high-tension lines, all the utilities run underground in-service corridor. From Sion-Panvel Intersection to Nerul nature Park, there is no development on the creek side while the other side has residential complexes. From Nag Devi Road to Belapur Phata zone is developed as residential on both sides. (Ref. Figure 3-5)

Figure 3-4: Palm Beach Marg



Palm Beach Marg

Killa Junction

Developments on creek side of Palm Beach Marg

Figure 3-5: Images from Peach Beach Marg

Amra Marg (NH-348A)

The corridor starts from Uran Phata, passing through Belapur and reaches up to Gavhan Phata having a length of 8.5 km. This corridor is accorded importance for port connectivity as per MJPRCL proposals. There are several other developments planned in the Southside of Navi Mumbai and will have positive developments with the proposed MTHL corridor. The corridor runs parallel to the proposed Nerul Uran suburban line in which Nerul to Kharkopar section is already operational. Many streets and roads are found intersecting it at various places, implying that it would have a significant enough pedestrian traffic. However, the current status of pedestrian infrastructure, even in the developed part of the corridor, is inadequate. It is completely devoid of footpaths. Except for intersection with Palm Beach Marg, and the one with Sion-Panvel highway, none of the several smaller intersections with other minor or major roads have traffic lights. Pedestrian crossings are marked only at

few of the locations over the entire stretch of the corridor. Beyond Panvel creek bridge, the road is mainly used for Uran region and JNPT interactions.

Uran Phata

Gavan Phata

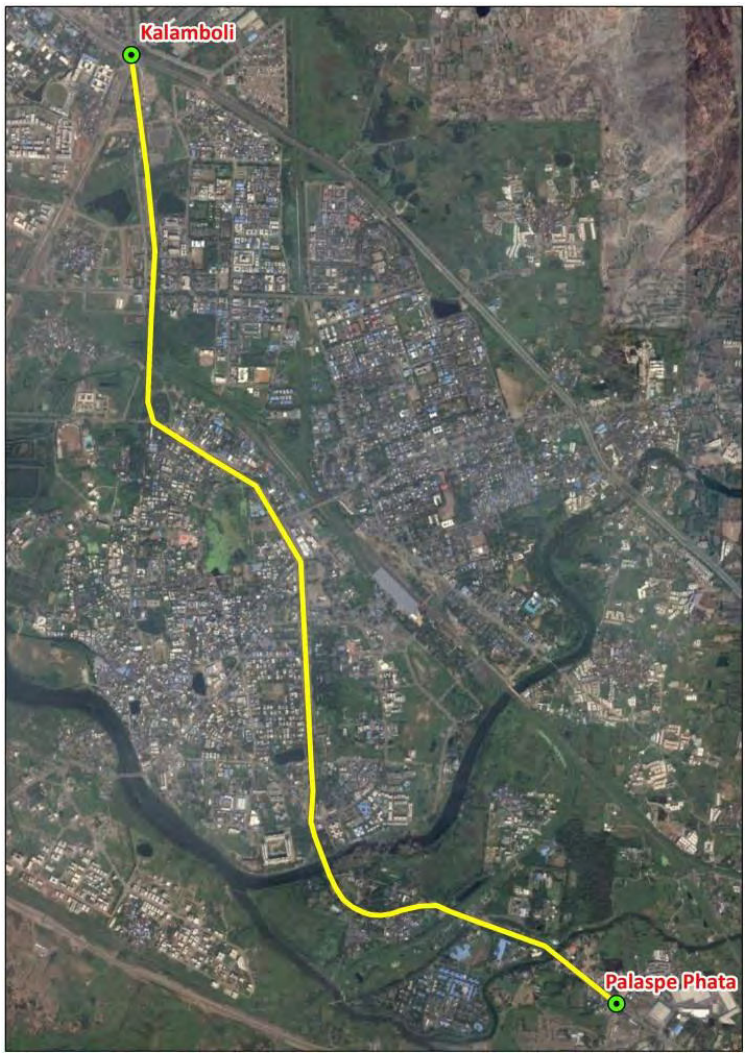
Mixed landuse is permitted along the corridor. From Uran Phata to the intersection with Palm Beach Road, zonal planning along the corridor consists of residential usage on both sides of the road. Commercial land use is permitted only nearby before and after the Uran road bridge on the left side of the road.

National Highway 4: Kalamboli Junction to Palaspe Junction

National Highway - 4 in the present study starts from Kalamboli junction to Palaspe Phata and it passes through Panvel. It is a 7.1 km long section. It is a four-lane road and paved shoulders on either side. Panvel Elevated Road has eased the traffic on this section. Land-use along the corridor is allocated for residential purpose. While travelling from Kalamboli junction towards Panvel, small scale industrial usage was noted near Kandalkar junction. Old Panvel is settled on its right side, whereas the left side development is called as New Panvel. The development after crossing the Panvel Bridge is sparse and less intense. Near the Palaspe Phata most of the land on both sides of the road belongs to ONGC for development of their residential colony.

Kalamboli Intersection

Palaspe Phata



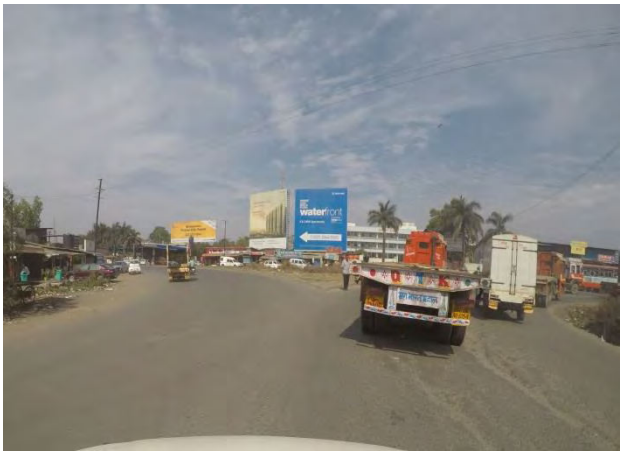
National Highway 4B: Gavan Phata to Palaspe Phata

It is approximately 12 km long corridor. It starts from Gavhan Phata at the intersection with Amra Marg and travels up to Palaspe Phata at National Highway - 4. It is also called as Jawaharlal Nehru Port Trust (JNPT) road. Geometrically well designed road provides good mobility to commercial traffic for JNPT. Local traffic is also benefited with this link. The road is four-lane divided facility. Along the corridor, two formally developed T-intersections and one intersection found present and that is near Palaspe Phata. One of these T-intersections is with NH-4 at Palaspe Phata and the other with Uran road at Chinchpada. However, several rural/earthen roads were found meeting NH-4B at minor T-junctions. It also has an undeveloped minor road connecting SH-54. The corridor is devoid of any traffic lights. The traffic at developed intersections is controlled and guided by traffic islands. Most of the traffic travelling on the corridor is of trucks and containers going/coming to and/or coming from JNPT.

Not much of development has happened along this section of JNPT Road. However, there are few villages along the stretch and some mixed-use development near Palaspe Phata were also noted. Out of all these villages, Nandgaon near Palsape phata and Dapoli village near Chinchpada are the closest to the NH-4B. Owle on the North side of road and Mangher on the Southside of the road are apart from the highway. There are some stone quarries on both sides of the highway near Gavhan phata. On Southside of the road stretch, few open warehouses were found to be present. Land around Manghar village abutting road is

agricultural. Between Chinchpada and Palaspe phata most of the land on the Southside is hilly, and on the other side some scattered villages are present.

NH 4B: Gavan Phata



Palaspe Phata

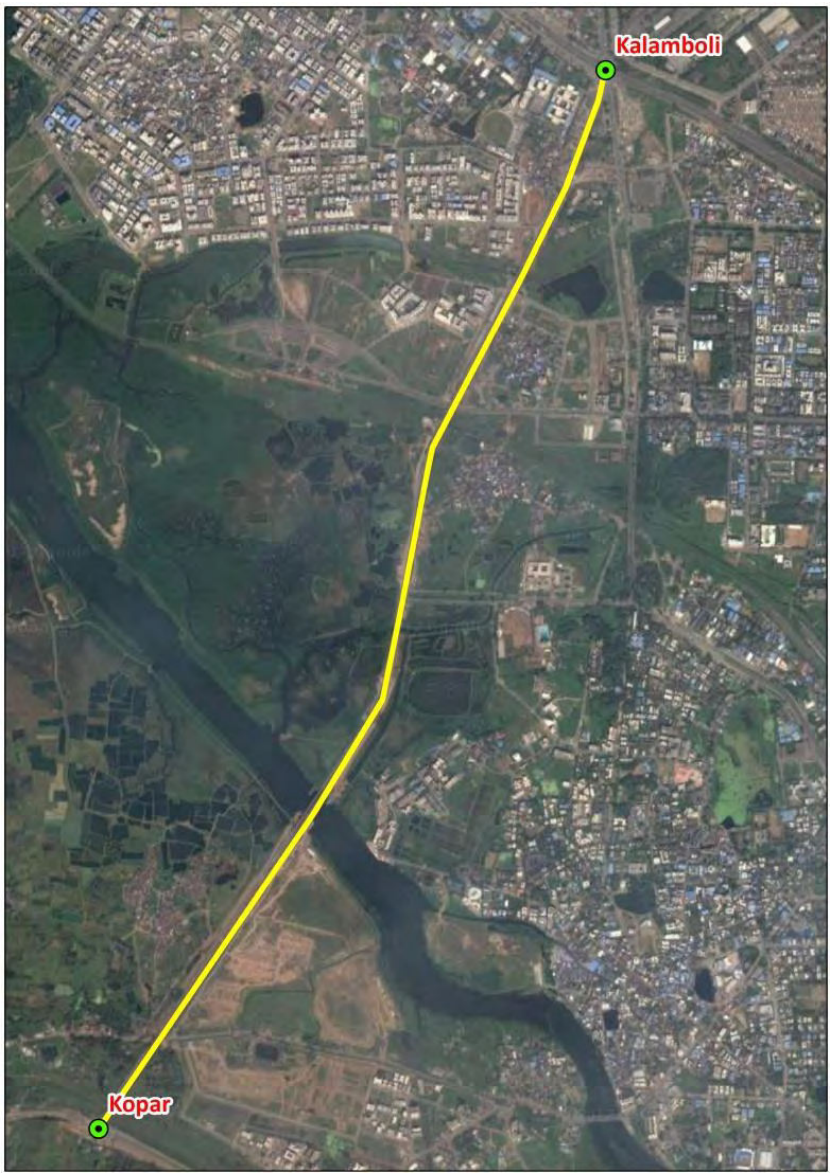
National Highway 4B: Kopar to Kalamboli Junction

This stretch is 4.5 km long. It is foreseen as the important link to access the airport from the eastern side. Passengers coming from Kalyan, Nashik using NH-4 are likely to enter in this corridor from Kalamboli junction while those coming from Pune side would most likely to come via Chinchpada/Kopar side. This section of NH-4C is a four-lane road with good geometrics. The road is mostly used by JNPT bound heavy traffic. As of now there is no such pedestrian infrastructure as there may not be any demand for it. Land

on either side of the road has residential zone uses. The land near Chinchpada has been designated for the rehabilitation and resettlement of people displaced from the land acquired for the Airport.

Kopar Junction

Kalamboli junction



3.2 EXISTING RAIL CONNECTIVITY TO NMIA

3.2.1 Existing Sub-urban and Inter-city Rail connectivity

The existing sub-urban rail connectivity linkages are Mankhurd-Vashi-Belapur-Khandeshwar-Panvel and Thane-Turbhe-Vashi-Nerul-Panvel which provide connectivity from Greater Mumbai and Thane respectively to NMIA (reroute providing connectivity to NMMC and Panvel areas). Nearest sub-urban station to NMIA is Khandeshwar. The other railway lines are Vasai-Diva-Panvel and Panvel-Pen. Brief description of these corridors given below:

Mankhurd – Vashi – Belapur – Panvel line: This double line section is part of CSMT – Kurla – Panvel Harbour line and was progressively commissioned since 1992 to cater to travel needs of Navi Mumbai. 99 services are being operated from CSMT to Panvel, 94 services are operated from Panvel to CSMT, 35 services operated from CSMT to Belapur and 42 services from Belapur to CSMT. Most of the trains originate from and go to Mumbai CST and 9 trains run between Andheri – Panvel. Though there is scope for increase in number of trains in this section, bottleneck is encountered in CSMT- Wadala Road section, where CSMT Goregaon (Harbour line) trains share the track. Initiating train services from Kurla for Belapur/Panvel, to increase the frequency may be necessary.

Thane – Turbhe – Vashi/Nerul Line – Thane – Vashi: This sub-urban railway line starts from Thane joins Mankhurd- Panvel line at Sanpada. This section was started in 2006. 28 trains are being run from Thane to Panvel while the Panvel –Thane section handles 29 services. 56 services are operated for the Thane Vashi section in each direction. This line also handles goods traffic going to the APMC yard near Turbhe. Turbhe – Nerul line joins Mankhurd – Panvel line at Juinagar and runs parallel to it upto Nerul.

Vasai - Diva – Panvel Line: This is an important link between Western Railway (via Vasai Road)/ Central Railway and Konkan Railway and handles both passenger and goods traffic. 24 services are operated between Vasai Road - Panvel in each direction. Passenger trains from Boisar, Dahanu, Diva, Roha and Vasai Road stopping at all stations operate in this section to cater to commuter requirements. There is ample scope to run additional services on this section.

Konkan Railway, that connects Central India to North Karnataka and Goa, passes though Navi Mumbai.

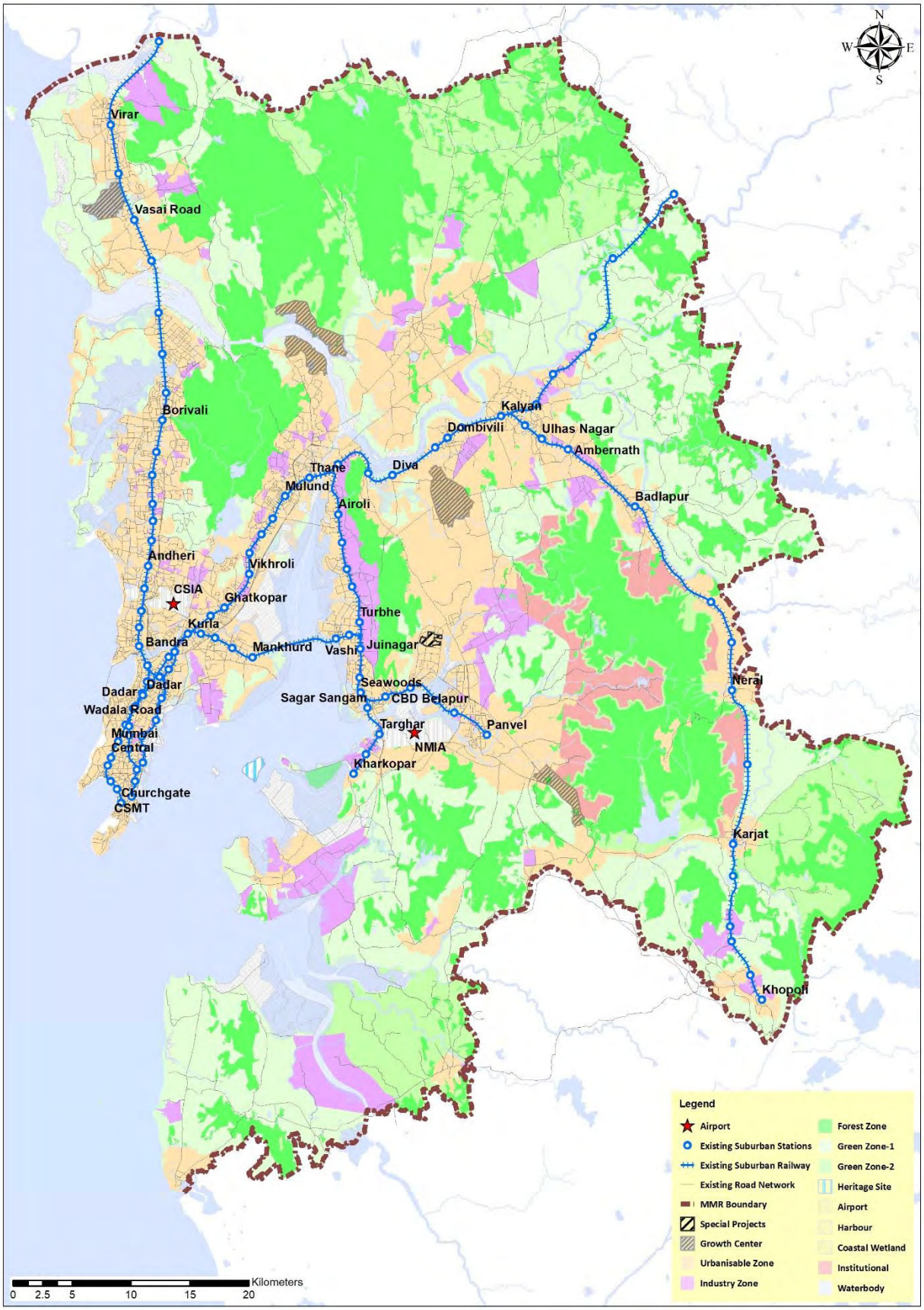


Figure 3-6: Positioning of NMIA with Existing Suburban Rail Connectivity

Chapter 4

Positioning of NMIA with Existing and Committed Regional Network

4 POSITIONING OF NMIA WITH EXISTING AND COMMITTED REGIONAL NETWORK

4.1 INTRODUCTION

A fairly large number of proposals have been made by different implementing agencies towards improving the transport system in MMR. The likelihood of them coming through is not known. A number of proposals have been taken up more seriously by the implementing agencies, and the merit in having these projects in reality has found ground. Therefore, these projects have been taken up for implementation with commitment from the government in terms of budget allocation or otherwise. The list of committed transportation projects and status is presented in Table 4-1. All these projects put together, improve the transport connectivity to the NMIA to quite an extent as shown in Figure 4-1. However, much has to be still done, to further improve the transport corridors leading to the proposed airport, both at the regional and local level.

Table 4-1: Positioning of NMIA with Existing and Committed Regional Transport Network – Status

Code	Name	Status	Period
S-1	Seawoods -Uran	Under Construction/partially commissioned	Upto 2021
S-3	Panvel-Karjat	MRVC carried out DPR study and planned for implementation by 2025	2022-2026
S-5	Diva-Panvel		
S-6	CSMT - Panvel	DPR is in progress	
M-8	Airport Metro (CSMIA – NMIA)	DPR in Progress	2022-2026
M-15	Belapur-Taloja-Pendhar	Under Construction	Upto 2021
M-17	MIDC to Khandeshwar	DPR is Completed	2022-2026
M-19	Prabhadevi-Sewri-Jambhulpada (MTHL)	DPR is Completed	2027-2031
M-20	Khandeshwar to NMIA	DPR is Completed	
M-21	MTHL Spur to NMIA	DPR Need to be Initiated	
H-2	MTHL	Under Construction	2022-2026
H-3	Multi Modal Corridor (Virar-Alibaug)	DPR in progress	
H-6	Radial-5(Turbhe-Taloja-Usatane)	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	
H-7	Mumbai-Vadodara Spur in MMR	DPR completed by NHAI	
H-13	Ulwe-Airport Road (CIDCO)	DPR Completed by CIDCO	
H-21	Spine Corridor in NAINA	Proposed in NAINA DP	2027-2031
H-26	Belapur to MMC (Taloja MIDC)	Proposed in NAINA DP	

Note: S-Suburban; M-Metro and H- Highway Corridors

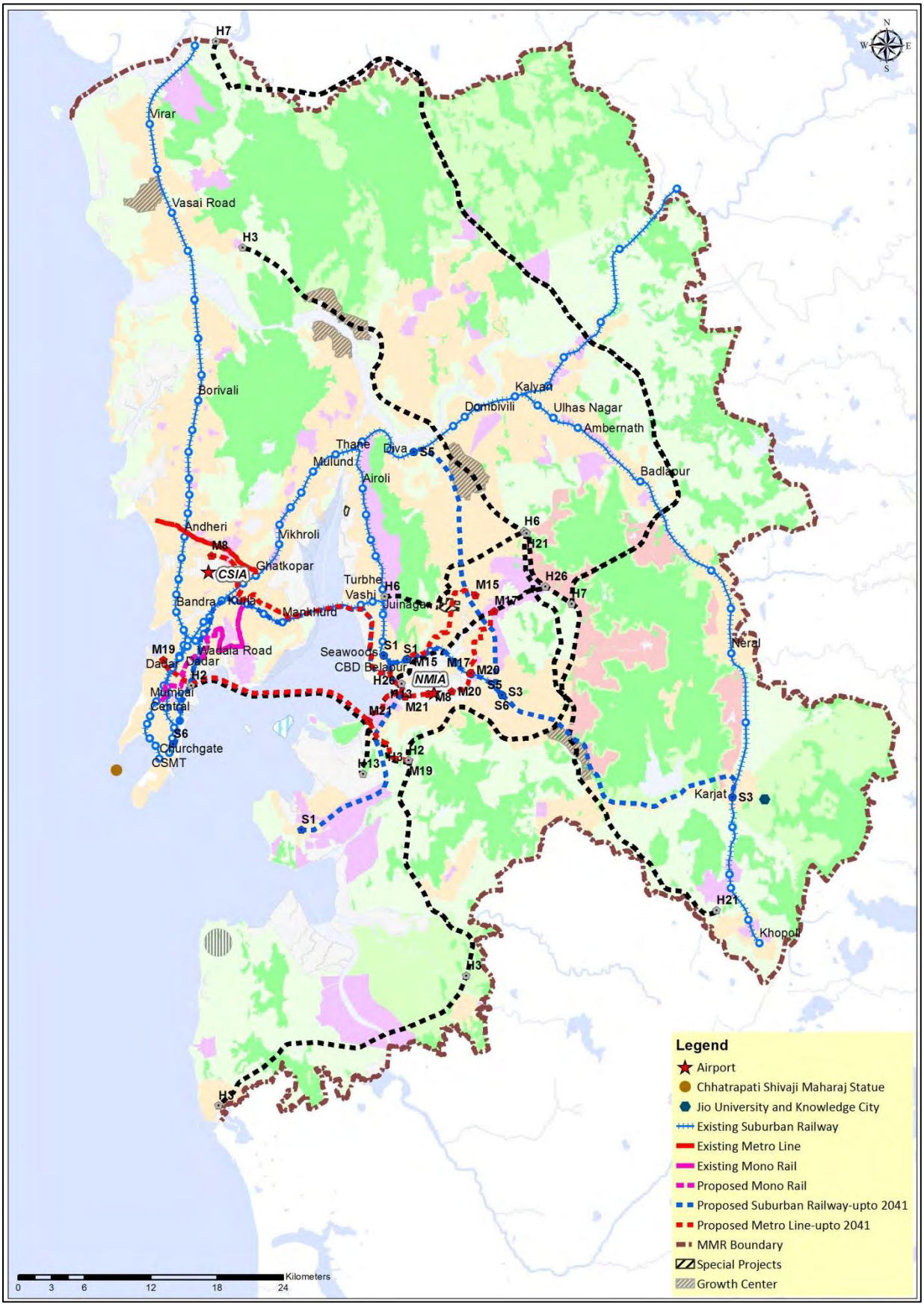


Figure 4-1: Positioning of NMIA with Present and Future Committed Transport Network

4.2 PROPOSED NETWORK IN THE VICINITY OF NMIA

The Uran -Navi Mumbai (South) and the Panvel Cluster will see a major change in its economic and employment related activities with respect to the planned major developments like the Navi Mumbai International Airport, expanded JNPT, SEZs and connectivity enhancements like MTHL, Ulwe to Airport Road (CIDCO), NMIA Elevated road and MMC. In view of the above, the area will need mass transit projects like Metro from the opening year of the NMIA, but it is pertinent to mention that such major transit corridors involve prolonged construction periods and added delays which might not suffice the travel demand needs in the opening year and hence, the need for road-based infrastructure that would be easier to implement and takes relatively less time for construction can play a major role when NMIA is operational. These infrastructure improvements along with the enhancement of existing junctions, ROWs, etc. should be targeted in the short and medium-term.

4.2.1 North Road

A sub arterial road connecting Amra Marg (NH-348A) and NH 548 i.e. North Road needs to be developed in order to provide connectivity to cargo traffic from the western side to the cargo terminal on the eastern side (Ref. Figure 4-2). This road will also be essential for the connectivity of eastern and north- eastern sub-regions of MMR to the passenger terminal on the western side. Consultants suggest for availability of North Road along with NMIA coming into operation (Construction is in progress).

4.2.2 South Road

A road parallel to the proposed Ulwe recourse channel on the south side of the airport i.e. South Road will provide connectivity from Amra Marg (NH-348A) to the eastern road outside NMIA (Ref. Figure 4-2). The road will also provide connectivity to the proposed Non-Aeronautical and Integrated Industrial Area developments proposed by CIDCO and will provide east-west connectivity. Consultants suggest for availability of North Road along with NMIA coming into operation (Construction is in progress).

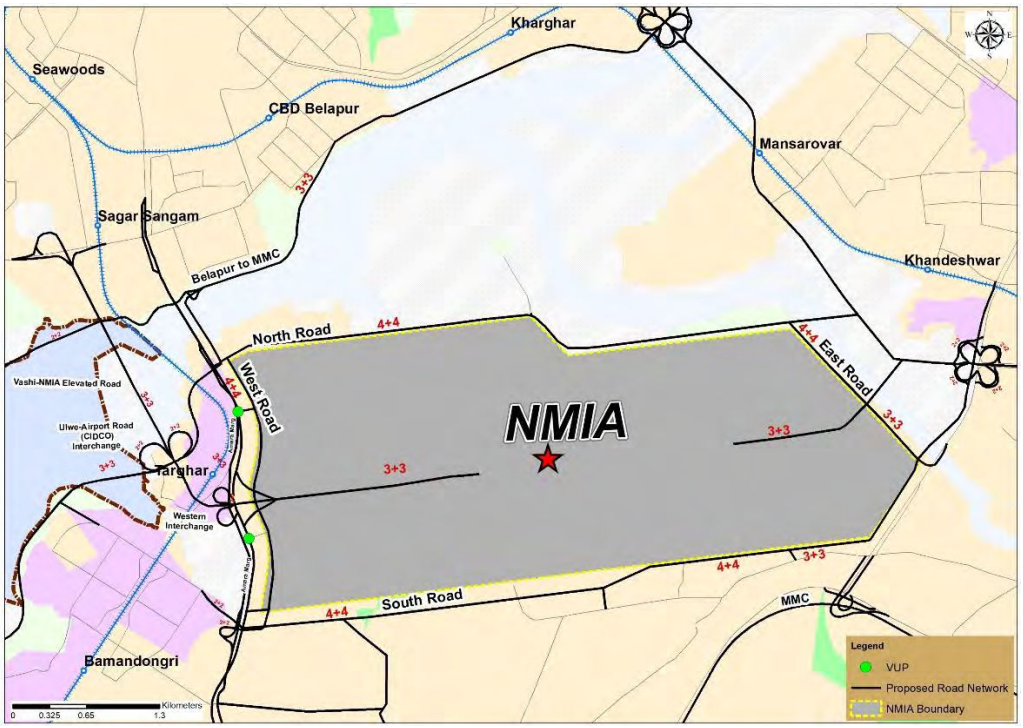


Figure 4-2: NMIA North and South Road

4.2.3 East Road and Connectivity to Khandeshwar & Kalamboli Junction

A road along the eastern periphery of NMIA i.e. East Road should be constructed which will connect north road and south road (Ref. Figure 4-3). Further, 2+2 lane road parallel to Uran Road (NH 4 C) from Khandeshwar & Kalamboli Junction to East Road is also proposed to dedicatedly cater the passenger vehicular traffic coming to NMIA and vice-versa. Consultants suggest for availability of East Road and connectivity between Khandeshwar & Kalamboli Junction by a 2+2 lane road parallel to Uran Road (NH 4 C) to NMIA with NMIA coming into operation.

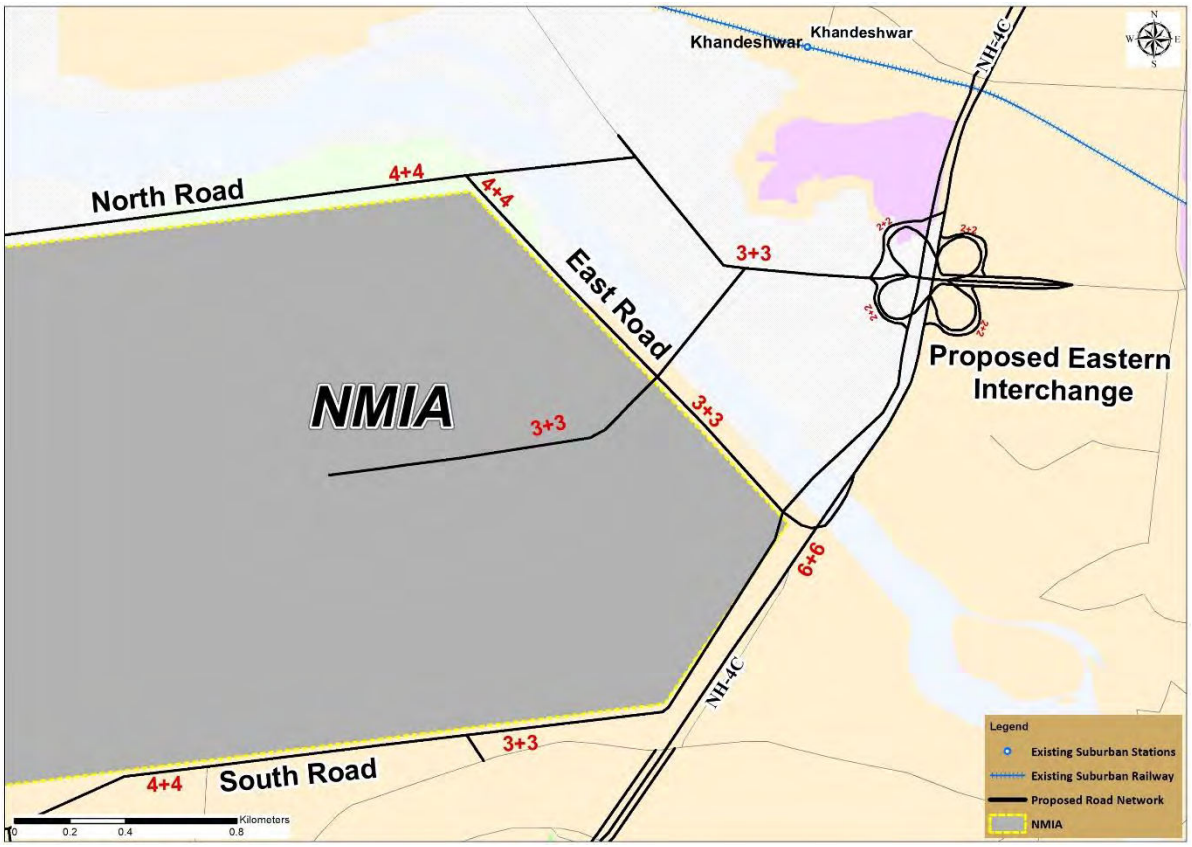


Figure 4-3: NMIA East Road

4.2.4 West Road

West Road will provide North-South connection along the periphery of the NMIA. The west road will also be useful to provide access to goods traffic originating from JNPT to the cargo terminal on western side of NMIA. Connectors between Amra Marg (NH-348A) and West Road are proposed for effective traffic dispersal. These roads are illustrated in Figure 4-4 and need to be available with NMIA coming into operation.

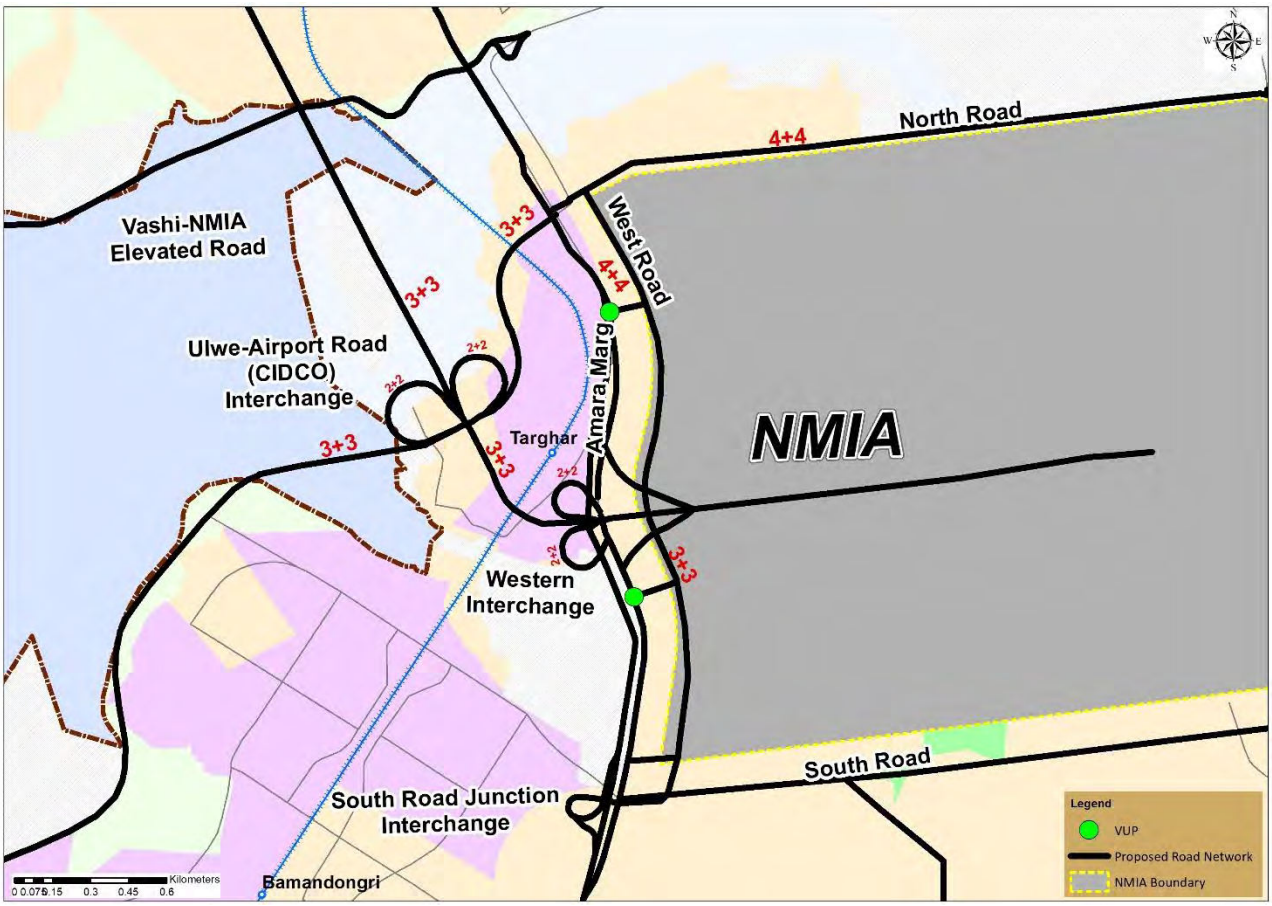


Figure 4-4: NMIA West Road

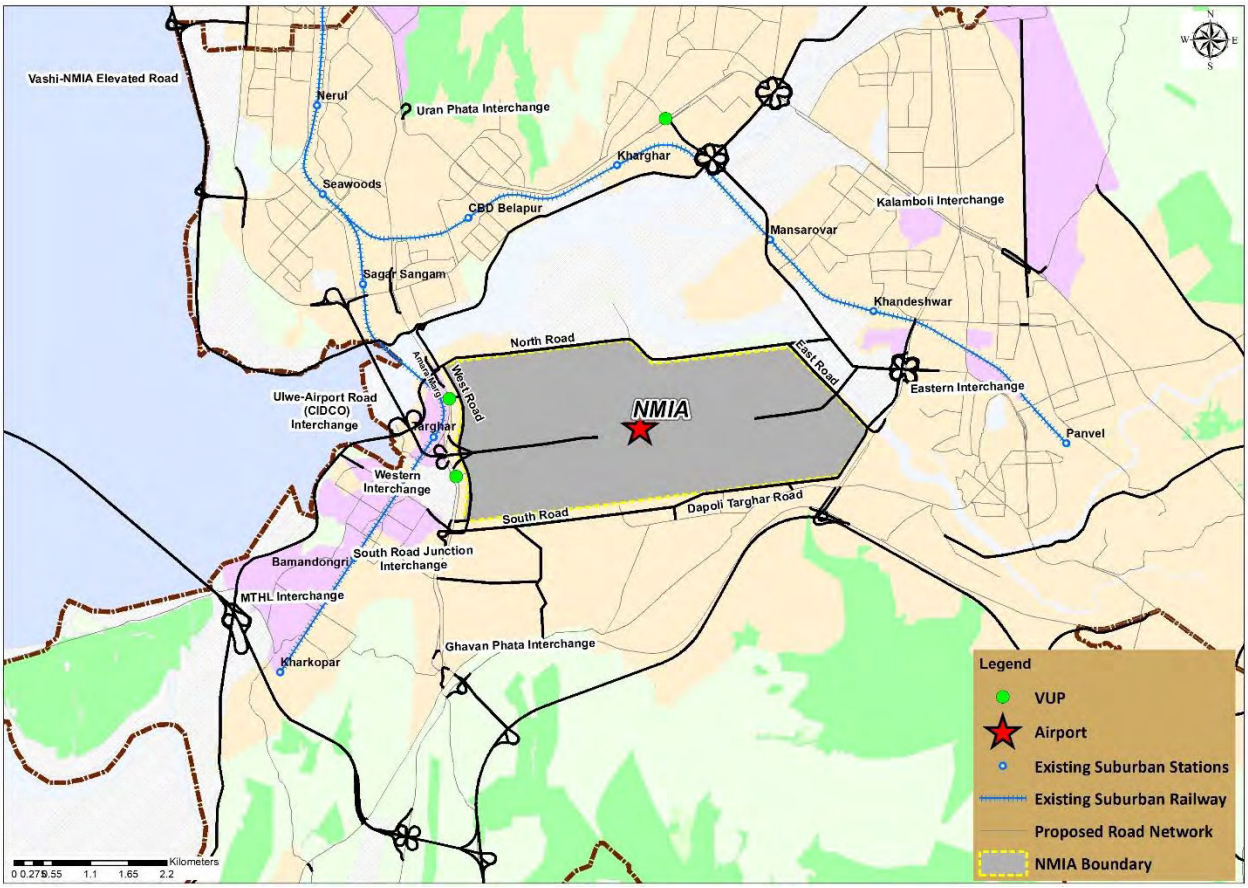
4.2.5 Proposed Road Connectivity in the Vicinity of NMIA and Other Traffic Management Measures

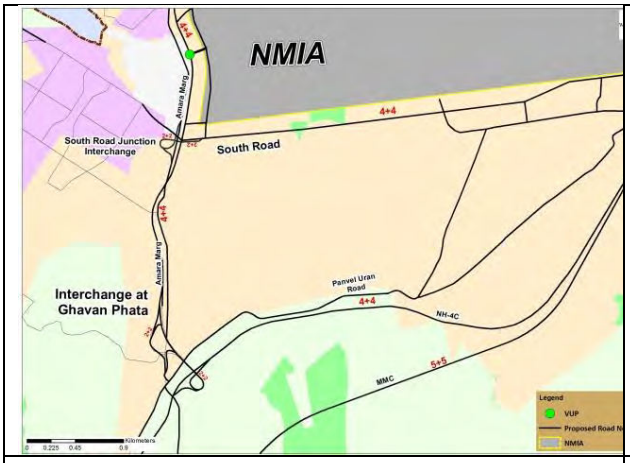
Based on the transport network analysis carried out for the horizon period upto 2041, improvement measures are proposed in the immediate vicinity of NMIA and the details are presented in Table 4-2 and shown in Figure 4-5.

Table 4-2: Proposed Road Connectivity in the Vicinity of NMIA and Other Traffic Management Measures

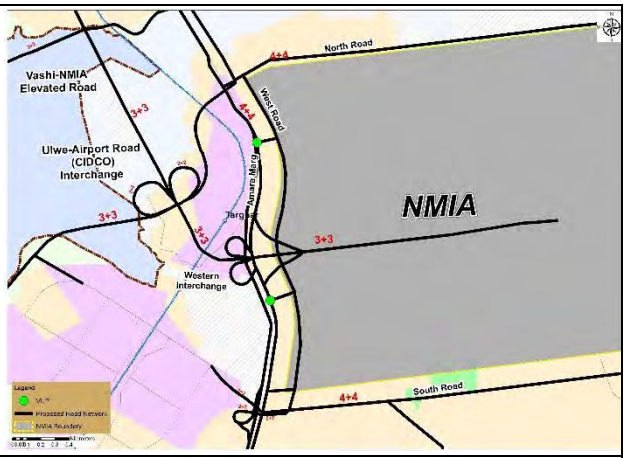
Sl. No.	Road/Junction Name/others	Period
1.	Western Main Access Entry/exit interchanges ramps for NMIA from Amra Marg (NH-348A)	2022-2026
2.	Western Airport Service road, Connectors with Amra Marg (NH-348A) and two Vehicular Underpasses	2022-2026
3.	Additional 2+2 lanes across Panvel Creek Bridge	2027-2031
4.	Khandeshwar - NMIA Eastern Entry Road	2027-2031
5.	Interchange at Uran Phata	2022-2026
6.	Interchange at Killa Junction	2022-2026
7.	North Road Junction Flyover	2022-2026
8.	Coastal Road (Thane-NMIA)	2027-2031
9.	East side Interchange	2027-2031
10.	South Road Junction Interchange	2022-2026
11.	Gavan Phata interchange	Upto 2021

Sl. No.	Road/Junction Name/others	Period
12.	D Point Interchange	2022-2026
13.	Kalamboli Interchange	2027-2031
14.	Shivaji Chowk Interchange	2022-2026
15.	NMIA Interchange	2022-2026
16.	Ulwe Airport Road (CIDCO) Road	2022-2026
17.	Belapur Kharghar Panvel Creek Road	2027-2037
18.	Multiple Flyovers	2022-2026
19.	Widening of Jasai junction to Dastanphata	2022-2026
20.	Flyover to be constructed at Roadpali junction on Panvel Mumbra road	2027-2031
21.	Widening of Taloja MIDC to Khoni road	2027-2031
22.	Flyover to be constructed at Kone Phata	2027-2031
23.	Signalized Intersections	2022-2026
24.	Truck Terminals for NMIA	2022-2026
25.	Public Parking Lots	2022-2031

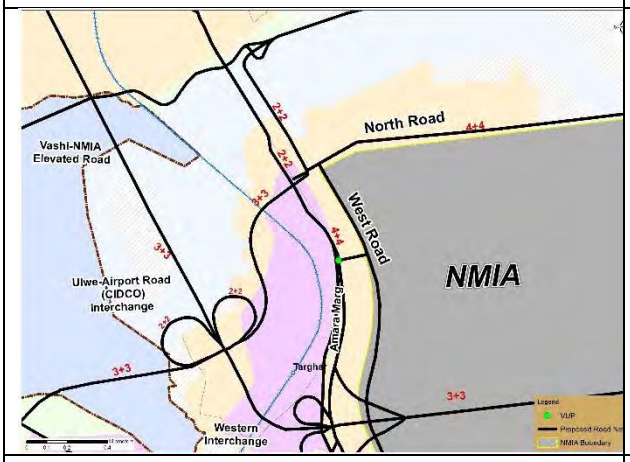




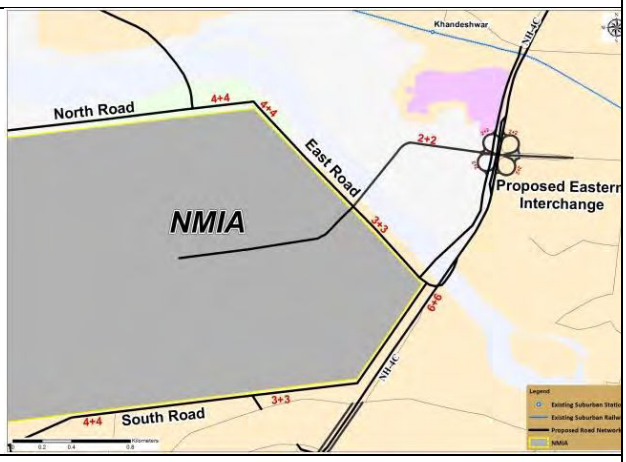
Gavan Phata Interchange



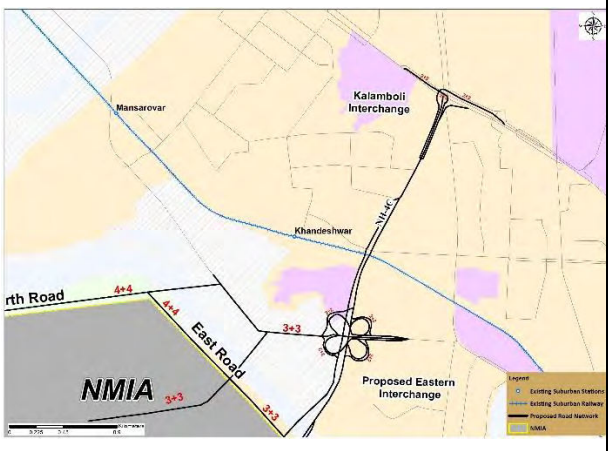
Ulwe Coastal Road Interchange



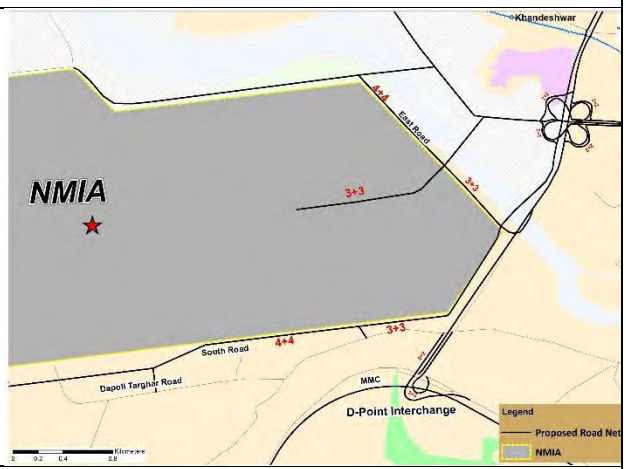
Panvel Creeck Road



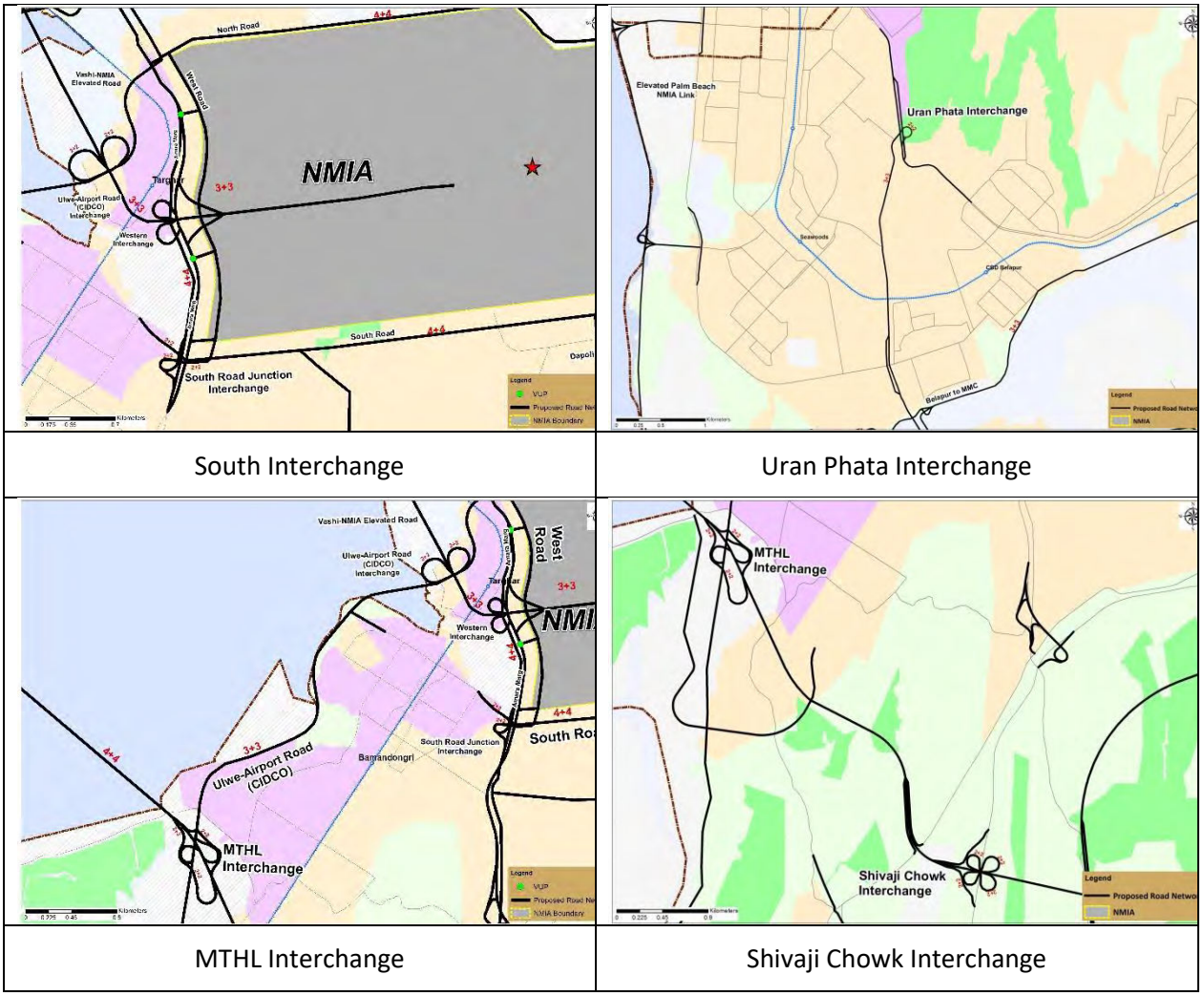
East Side Interchange



Kalamboli Interchange



D Point Interchange



South Interchange | Uran Phata Interchange

MTHL Interchange | Shivaji Chowk Interchange

Figure 4-5: Proposed Road Connectivity in the Vicinity of NMIA and Other Traffic Management Measures

4.3 METRO CORRIDORS

4.3.1 Belapur-Taloja-Khandeshwar-NMIA Metro

a) CIDCO is implementing the corridor (Ref. Figure 4-6) as per the directive from GoM in September 2010;

b) Construction work currently in progress;

c) The corridor to be developed in four phases;

- Phase 1: CBD Belapur Terminal, Sector-7, CBD Belapur, CIDCO Science Park (Kharghar), Utsav Chowk (Kharghar), Sector-11 (Kharghar), Sector-14 (Kharghar), Central Park, Pethpada, Sector-34 (Kharghar), Panchanand and Pendhar Terminal (under construction & will be open in end of 2021);
- Phase 2: Khandeshwar, Sector-10 (Kamothe), Sector-2E (Kalamboli), Sector-13 (Kalamboli), Sector-2E (Kalamboli), Kasadi, MIDC Station 1 and MIDC Station 2 (Advanced stage of approval & will be open in 2026);
- Phase 3: Interlink between Pendhar and MIDC (DPR is completed & will be open in 2026); and
- Phase 4: Connectivity from Khandeshwar to NMIA (DPR is completed & will be open in 2031).

d) No. of stations: 21.

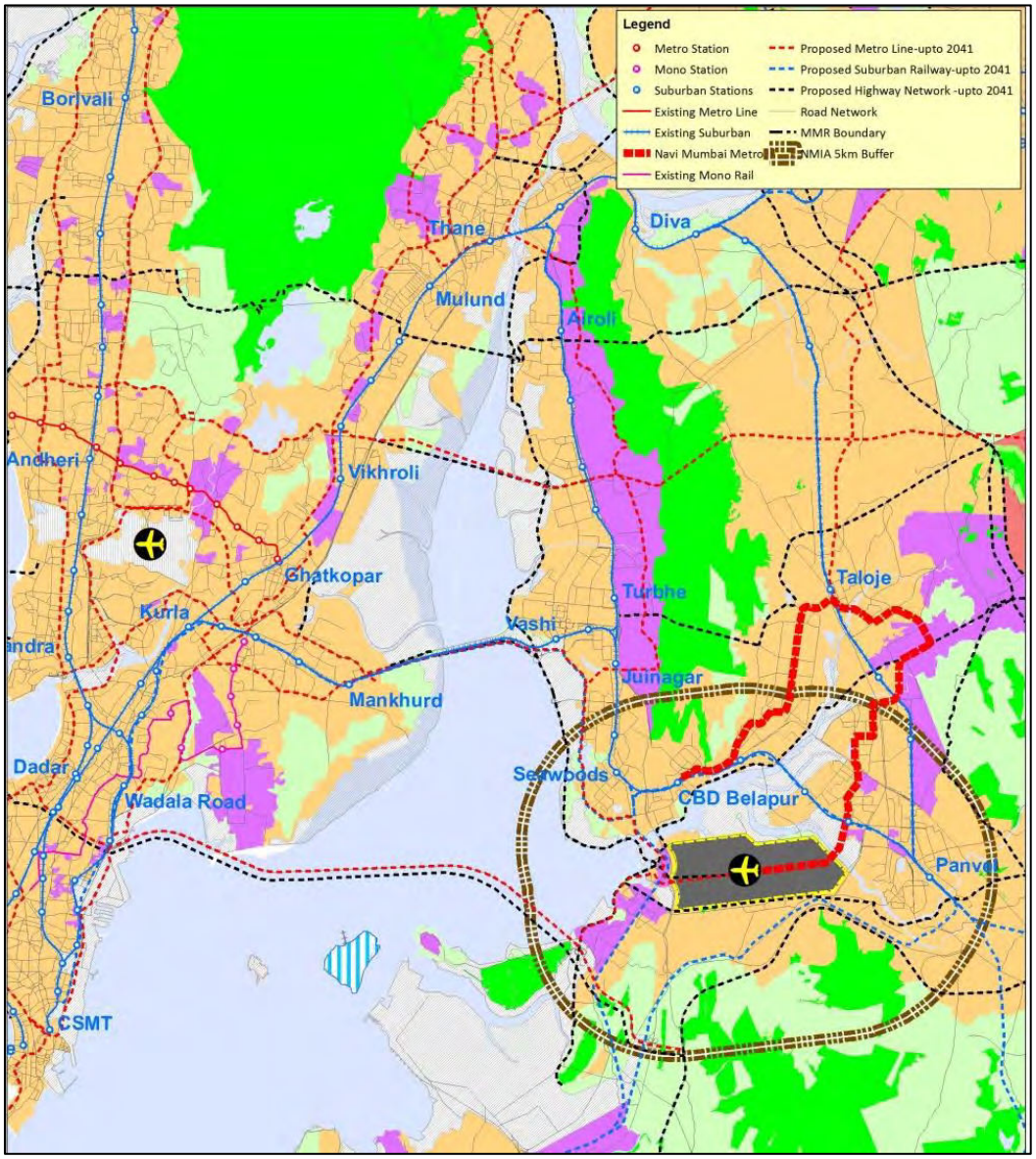


Figure 4-6: Final Proposed Metro Alignment for Belapur-Taloje-Pendhar-Khandeshwar-NMIA Metro

4.3.2 Taloja / Pendhar to Kalyan Dombivali

a) To provide local and regional connectivity to NMIA a metro corridor from Kalyan to Taloje is proposed (Ref. Figure 4-7);
b) There was also public demand for extending the Belapur- Taloja Metro Line to Kalyan;
c) The length of the corridor is about 23 kms; and
d) The ongoing Belapur–Pendhar–Kalamboli–Khandeshwar metro line and the proposed Taloja-Kalyan metro corridor would provide metro connectivity between Kalyan and NMIA.
e) The current status of the project is GoM approval received in July 2019 as per the CTS updation study it will be arriving on 2022-2026.

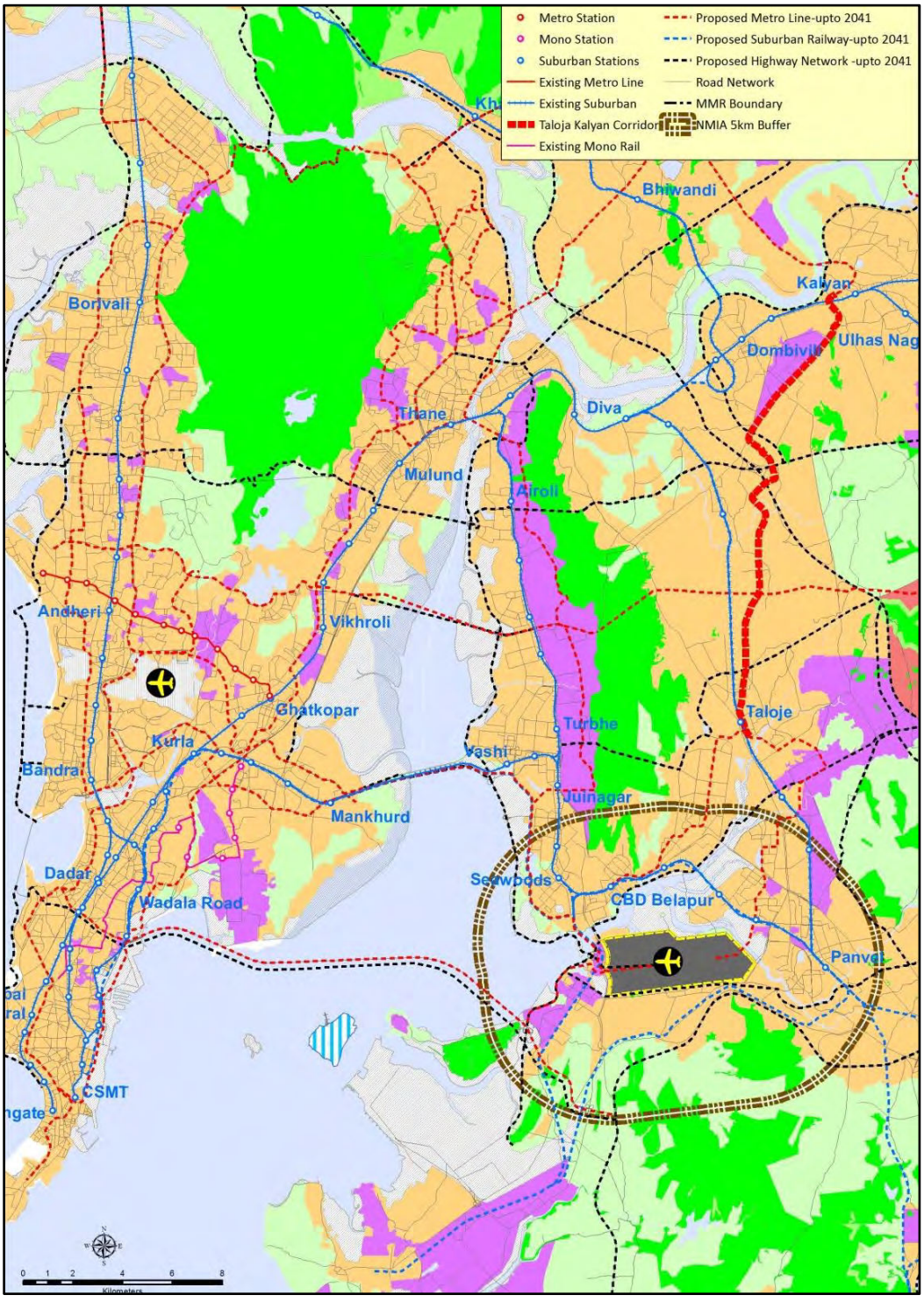


Figure 4-7: Alignment of Taloja Kalyan Metro Corridor

4.3.3 Metro Corridor from Prabhadevi/ Sewri to Nhava and NMIA

a) To accelerate the development of mainland across Mumbai Harbor, metro corridor along MTHL is planned by MMRDA and DPR also has been carried out in 2009-10 (Prabhadevi-Sewri-Dushmi);

b) The proposed metro would also revitalize the economic growth of the region by encouraging new investments in infrastructure projects such as ports, new international airport, SEZ, etc. in mainland;

c) As per Mumbai Metro Master Plan, the length of Prabhadevi to Sewri metro corridor is 4.9 km (underground). Length of metro corridor from Sewri to Chirle is about 21.6 km. Alignment on mainland passes through barren/agriculture land in areas such as Shivaji Nagar, Gavan, Dhutam, Chirle, etc. CTS for MMR updation study proposed MTHL Spur to NMIA which is about 5 km (Ref. Figure 4-8)and proposed in 2027-2031 as per the CTS Updation study.

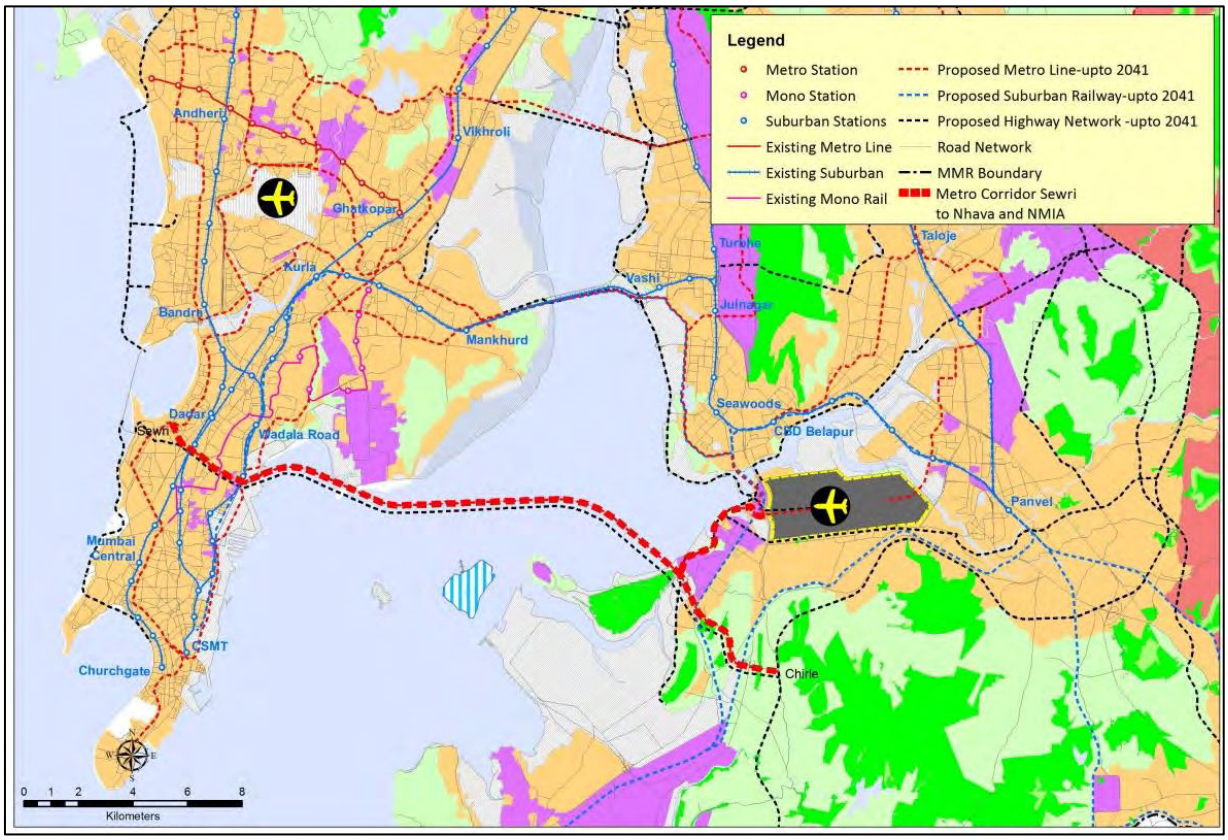


Figure 4-8: Metro Corridor Sewri to Nhava and NMIA

4.3.4 Chhatrapati Shivaji Maharaj International Airport (CSMIA) to Navi Mumbai International Airport (NMIA)

Regional and Local transport connectivity study carried out by CIDCO/ MMRDA during 2011-12 recommended metro connectivity between Navi Mumbai and suburbs of Greater Mumbai which also provides connectivity between CSMIA and NMIA. MRVC planned CSMT-Panvel fast corridor to enhance the suburban rail connectivity between Island city and Navi Mumbai and the DPR study was carried out for the same. CSMT-Panvel fast corridor and CSMIA – NMIA Metro line will have a common corridor from Mankhurd towards NMIA. Based on the above statement system shall have a similar technical specification. The current status of the line is DPR being finalized by DMRC. The proposed corridor will arrive on 2022-2026 as per the CTS Updation study;

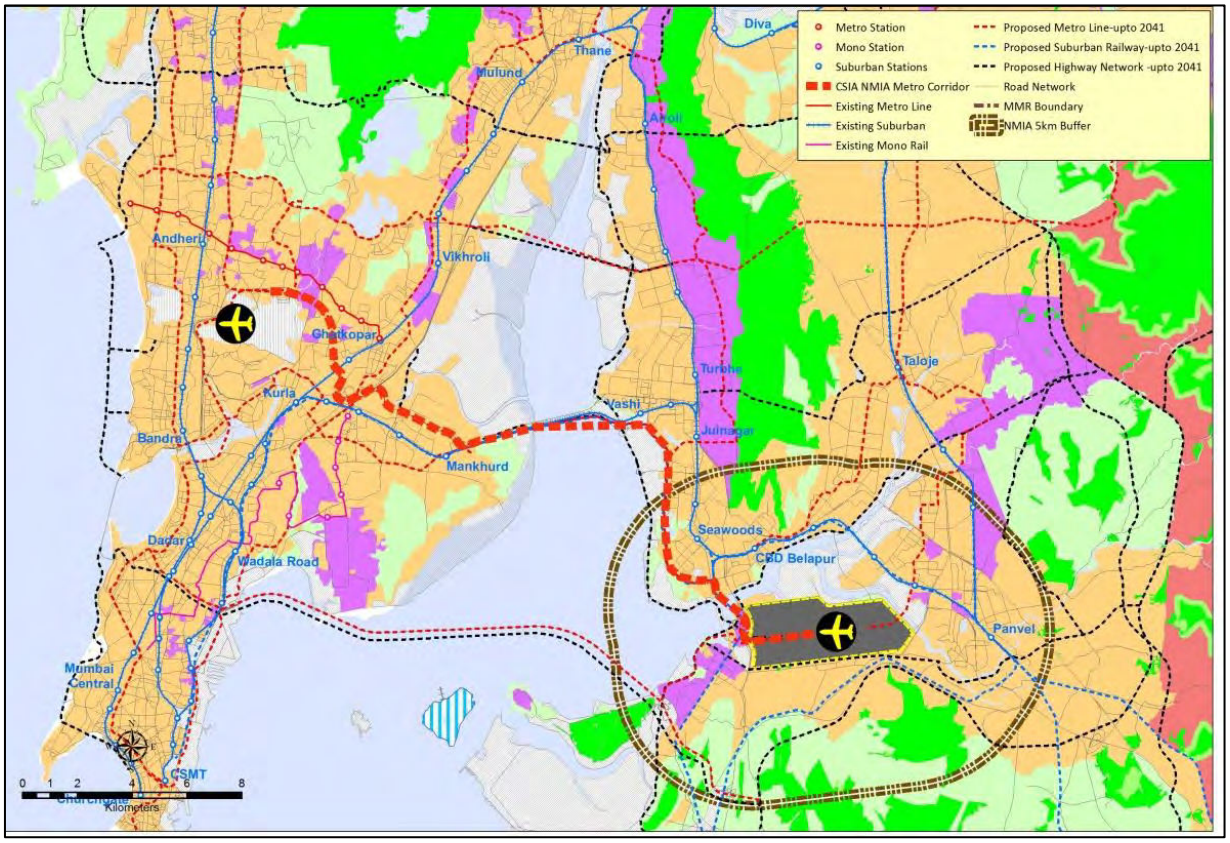


Figure 4-9: CSMIA-NMIA Metro Corridor

4.4 SUBURBAN CORRIDORS

4.4.1 Nerul-Seawoods-Uran Sub-urban Railway Line

a) The transportation development in Navi Mumbai has provided for Sub-Urban Railway connectivity of the various nodes of Navi Mumbai to Mumbai. After the development of Mankhurd-Belapur Rail Corridor, Belapur-Panvel Rail Corridor & Thane-Turbhe-Nerul-Vashi Rail Corridor, CIDCO is currently developing Nerul/Belapur-Seawood- Uran Rail Corridor, which in the backdrop of major projects coming in the Southern part of Navi Mumbai to accelerate the growth of southern region of Navi Mumbai;

b) The total length of the corridor is 27 km and consists of 10 stations viz. Nerul, Seawoods, Targhar, Bamandongari, Kharkopar, Gavhan, Ranjanpada, Nava-Sheva, Dronagiri and Uran. Provisions are made for one arm of the railway line to go to CBD Belapur station; and

c) The first phase of the line, a 12-km section from Nerul to Kharkopar is under operation (November, 2018) and Phase 2 from Kharkopar to Uran is expected to be completed by 2022 end.

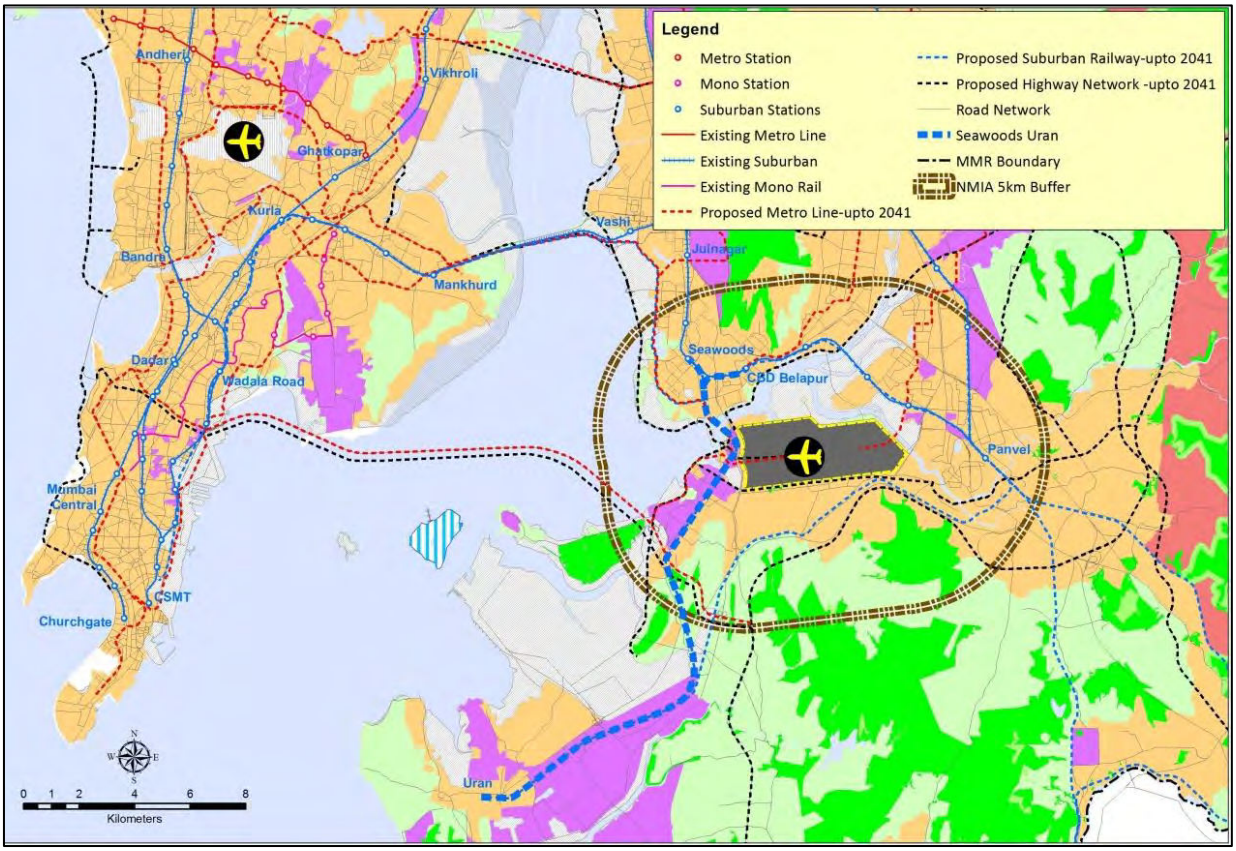


Figure 4-10: Nerul Uran Suburban Corridor

4.4.2 Panvel-Diva-Vasai-Virar Corridor

a) The existing Panvel – Virar corridor has a total of 15 stations over a length of about 76 km with an average inter-station distance of about 5.5 km. Currently, Central Railway operate shuttle services along this corridor;

b) The existing stations will not be able to serve the total catchment along the corridor, thus defeating the very purpose of Commuter Rail System; and

c) It will provide seamless connectivity between Western suburbs and Navi Mumbai.

d) The MRVC proposes to install automatic signalling on the section between Vasai and Diva and build a 4.5 km long chord line between Nilaje and Kopar. The new chord line will cut the journey time of trains travelling between Vasai and Panvel by around 15 to 20 minutes;

e) In addition to the chord line and signalling system, the Western Dedicated Freight Corridor (DFC)[14] will be developed, to allow the current freight trains to use this corridor and free up space on the existing corridor;

f) The project will cost INR 1,087 crore and take four years for completion. Eleven additional stations are proposed to be developed and air-conditioned locals will operate on the corridor;

g) The corridor will also provide rail connectivity to industrial areas such as Bhiwandi and Taloja;

h) The MRVC work out a transit-oriented development plan for the new stations on the corridor; and

i) Panvel railway station to upgrade it to a full-fledged terminus in MMR. The work of three additional platforms and two foot over bridges at Panvel railway station will be complete in 18 months, the estimated budget for the project is INR 154 crore.

[14] Details on Dedicated Freight Corridor network are presented in Annexure 4-1.

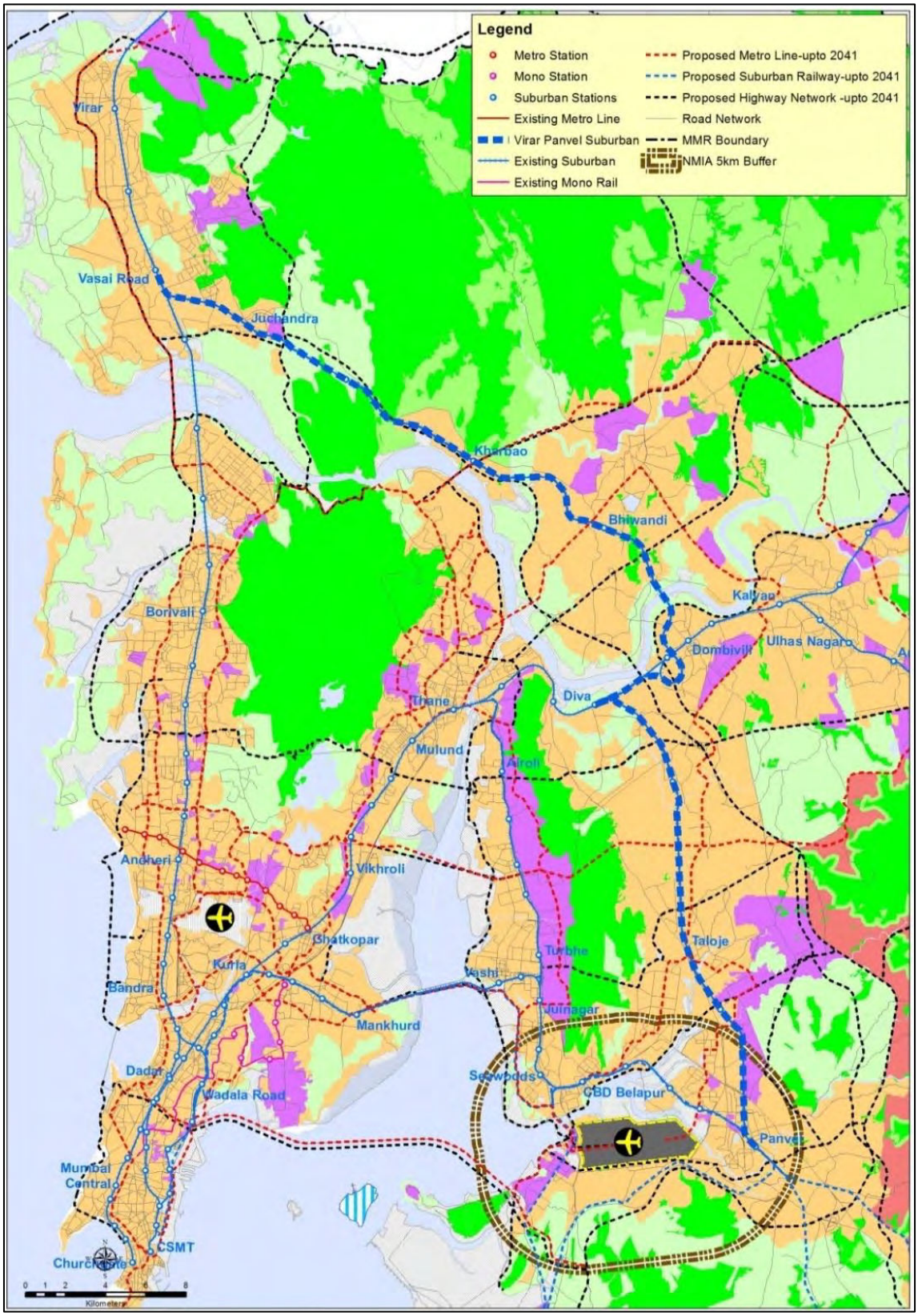


Figure 4-11: Proposed Panvel-Virar Suburban Corridor

4.4.3 CSMT-Panvel Fast Corridor on Harbour Line

a) MRVC carried out DPR study for CSMT-Panvel fast corridor during 2016-17. The proposed fast corridor on CSMT – Panvel Harbour Line will have 11 stations and route length of about 48 kms. Spur to the proposed NMIA from Seawoods station;
b) The corridor will be integrated with CSMIA-NMIA metro corridor from Mankhurd to NMIA;
c) The daily ridership on the corridor for the years 2021, 2031 and 2041 is expected to be 8 lakh, 10.8 lakh and 13 lakh passengers respectively; and
d) Project is planned for implementation on PPP basis.

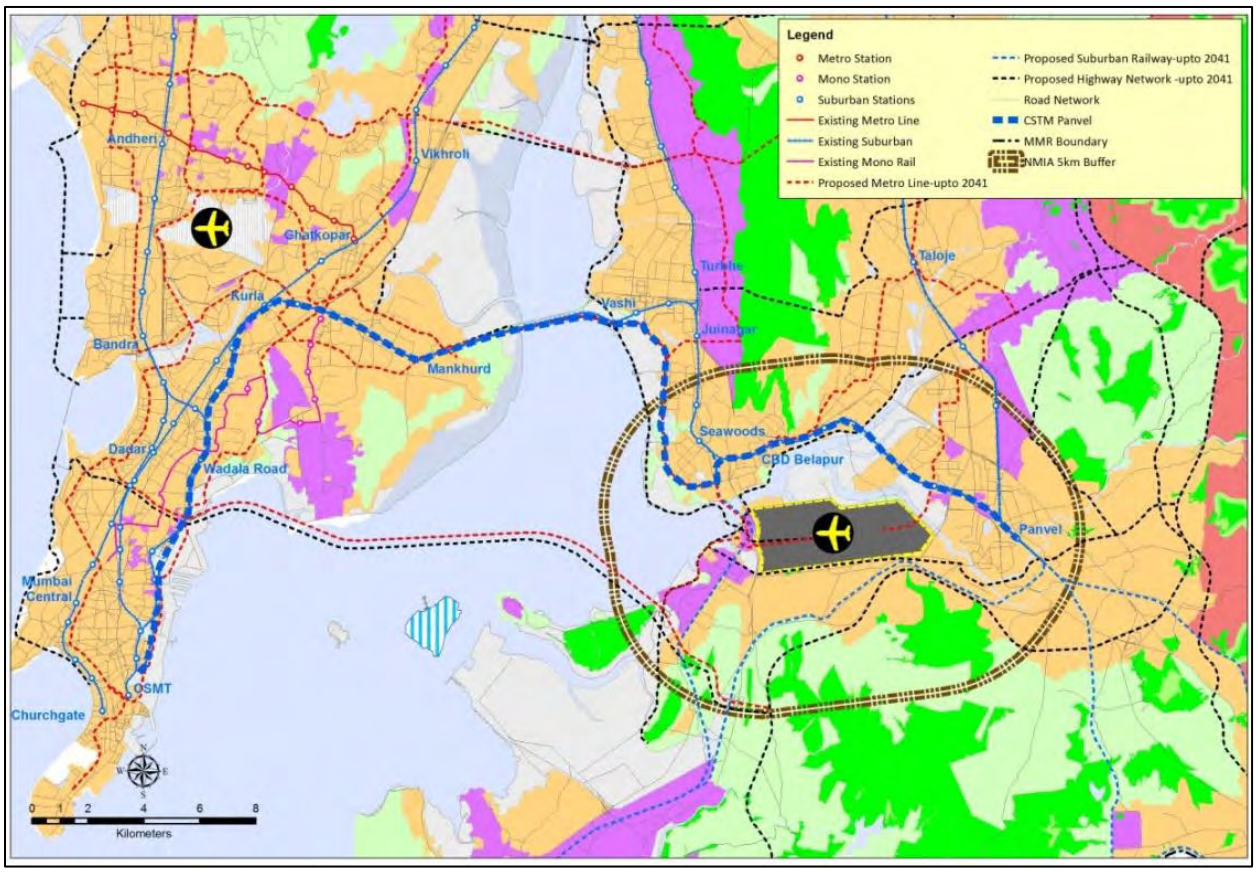


Figure 4-12: CSMT Panvel Fast Corridor

4.4.4 New Suburban Corridor between Panvel-Karjat

a) The Navi Mumbai region, particularly around Panvel, has seen critical urbanization and populace development lately. Panvel Municipal Council has been upgraded to Municipal Corporation in 2016 with jurisdictional area 111 sqkm;
b) The territory amongst Panvel and Karjat is likewise growing quickly and subsequently there is expanding interest for stretching out urbanization to Karjat;
c) Right now, a solitary line 28.15 km track interfaces Panvel with Karjat, which caters only to goods and a few long-distance passenger trains. Stations that fall within the section between Panvel and Karjat are Chikale, Mohope and Chowk; and
d) MRVC carried out DPR study for Panvel-Karjat suburban rail corridor and included under MUTP III.

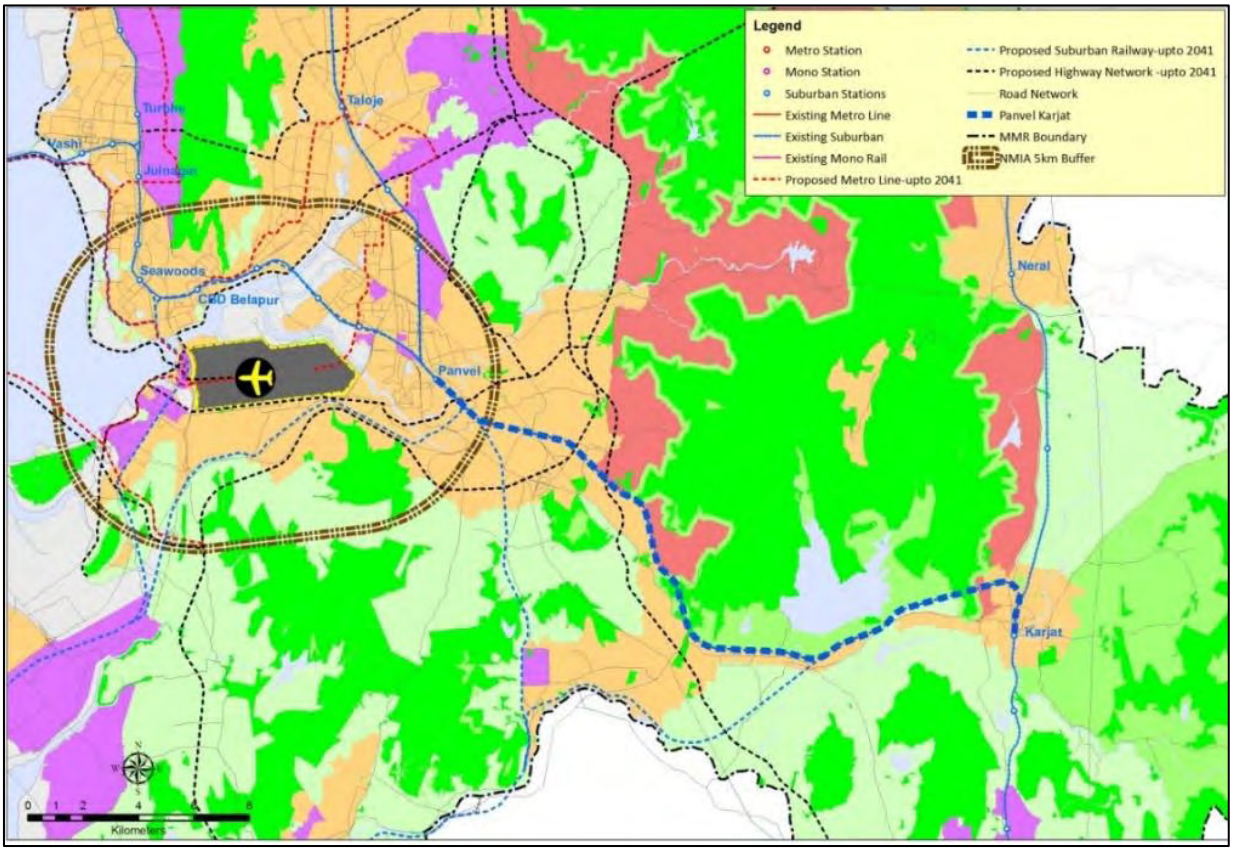


Figure 4-13: Proposed Panvel Karjat Suburban Corridor

4.5 HIGHWAY CORRIDORS

4.5.1 Mumbai Trans Harbour Link (MTHL)

a) Mumbai Trans Harbour Link (MTHL) connects Sewri (in Island city of Mumbai) to Nhava Sheva (Main land) has been planned with the basic objective of a) Development of Mainland and reducing pressure on Mumbai City; b) Facilitate decongestion efforts by Improving connectivity between Island city and main land;

b) The total length of the link will be 22 km and will consist of approach roads, viaducts on inter-tidal zone, bridge across the Harbour and interchanges at Sewri and Chirle;

c) 16.5 km of the MTHL will be in the sea and 5.5 km on land. The MTHL will be constructed in three sections: a) 10.38 km-long bridge, spanning across Thane Creek and Sewri Interchange; (b) 7.807 km-long bridge portion across Thane Creek and the Shivaji Nagar interchange; (c) 3.613 km-long viaduct and interchanges that connect SH 52 and 54 and NH 4B at Chirle, Navi Mumbai;

d) The project is estimated to cost INR 17,843 crore;

e) The MTHL received final environment clearance from the State Forest Department in May 2017.

f) The MMRDA appointed a consortium formed by AECOM Asia Co Ltd, Dar Al-Handsah and TY Lin International as the General Consultant for the project on 26th November 2016;

g) The construction for the first and third section has been awarded to Larson and Toubro in collaboration with IHI Corporation while the second section has been awarded to Daweoo and Tata Projects limited; and

h) The project is under execution and expected to open in 2022 (Construction period: 2018-22).

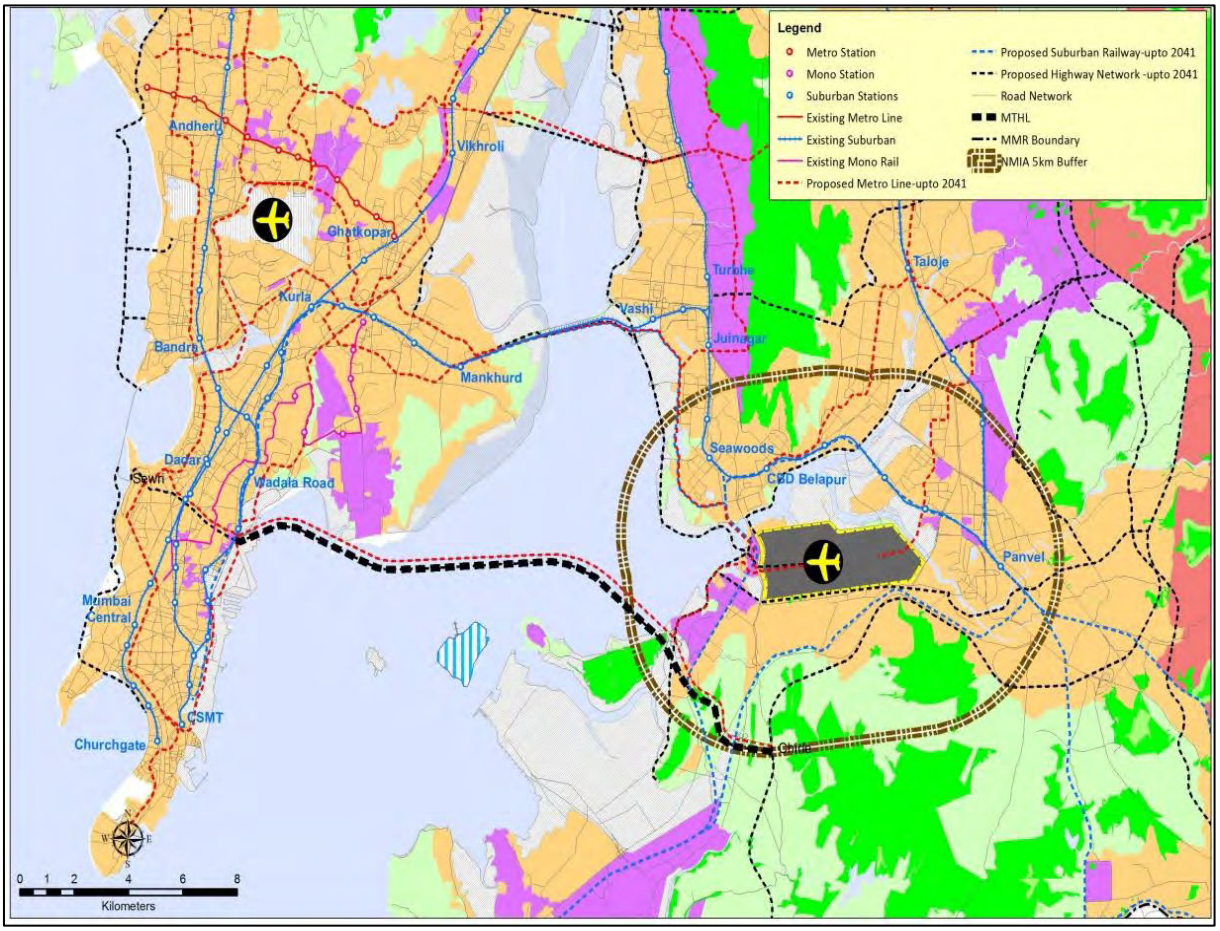


Figure 4-14: Alignment of MTHL from Sewri to Chirle and Connectivity to NMIA

4.5.2 Virar-Alibaug Multi Modal Corridor (MMC)

a) Virar-Alibaug Multi Modal Corridor (126 km) will connect NH-8, Bhiwandi bypass, NH-3, NH-4 and NH-4B, Mumbai-Pune Expressway, NH-17, etc.;

b) The Multi Modal Corridor will be a crucial step towards development, strengthening and creating job opportunities in seven growth canters in MMR such as Virar, Bhiwandi, Kalyan, Dombivali, Panvel, Taloja and Uran;

c) The Corridor will also be useful for the development of NMIA, JNPT Port, MTHL and Dedicated Freight Corridor (DFC). This Corridor will carry all the traffic from JNPT towards Navi Mumbai and Thane outside the city and will help reduce traffic congestion within the city;

d) The Corridor is proposed to be commissioned in two phases, phase-I being from Navghar to Chirner near JNPT (about 79 km). The estimated cost of the first phase is about INR 10,000 crore. Phase-II from Chirner to Alibaug, (about 47 km) is proposed to be taken up subsequently. The Feasibility report for both the phases has been completed. MMRDA initiated DPR study and it is in progress.

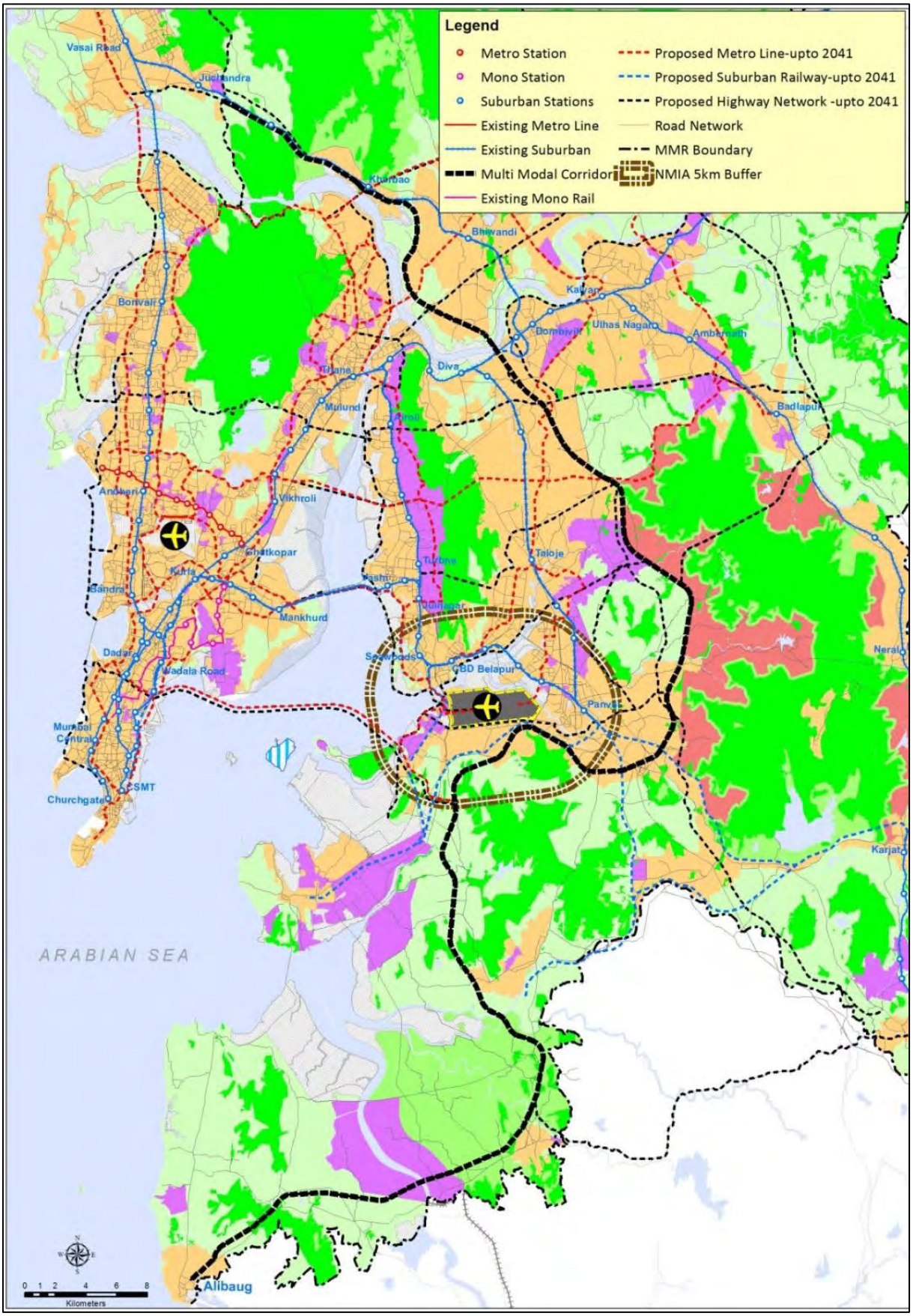


Figure 4-15: Alignment of Virar-Alibaug Multimodal Corridor

4.5.3 Mumbai-Vadodara Expressway Spur in MMR - Virar to Panvel

a) The alignment of Mumbai-Vadodara Spur in MMR planned by NHAI. It starts in Virar and ends in Panvel.

b) This corridor has been planned for fast movement of port related inter-city traffic (JNPT). The alignment of Virar-Alibaug MMC and Virar-Panvel Spur in MMR of Mumbai Vadodara expressway is shown in Figure 4-16.

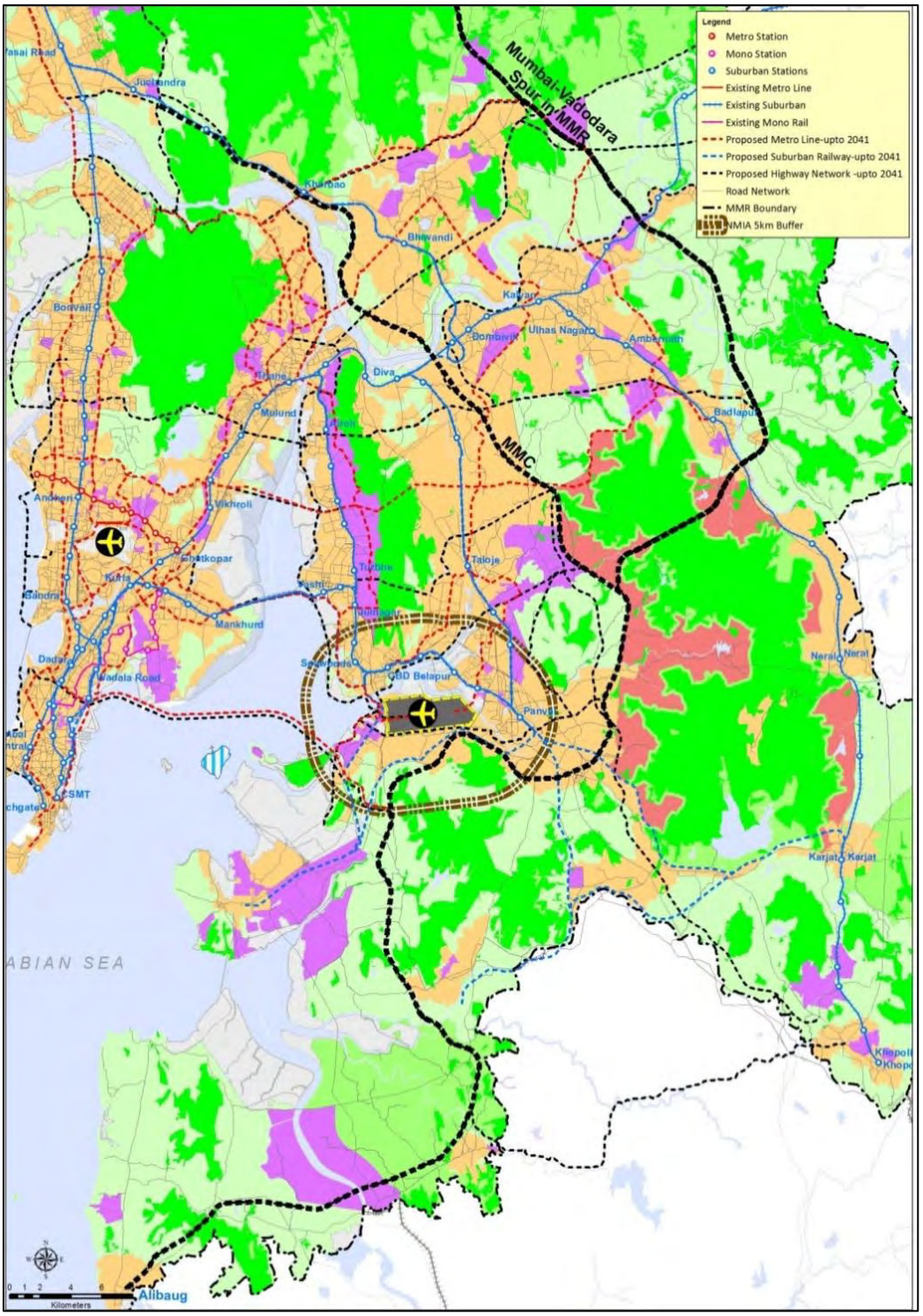


Figure 4-16: Alignment of Virar Alibaug Multi Modal Corridor and Mumbai-Vadodara Expressway Spur in MMR-Virar to Panvel

4.5.4 Ulwe-Airport Road JNPT to Amra Marg (NH-348A)

Background: JNPT is one of the largest Container Ports of our nation. The high increase in traffic has resulted in evacuation problem and the port connectivity with hinterland is not providing intended level of service to meet the current demand. Inadequacy of infrastructure at JNPT compelled container shipping firms to divert their cargo to nearby Pipavav and Mundra Ports. In addition to this, development is expected from IIA and Ulwe node development by CIDCO. In view of this, CIDCO decided to develop the road taking off from Amra Marg (NH-348A) (Navi Mumbai) and ending at Village Belpada, near JNPT boundary. The total length of road is 10.106 Km. The consultancy for preparation of DPR was awarded to M/s Frischmann Prabhu (I) Pvt Ltd. The Consultant submitted DPR in January- 2015. The project details are discussed here.

Alignment: This road alignment takes off from Amra Marg (NH-348A) immediately after Panvel Creek Bridge, it passes below Nerul-Uran railway line and runs near to Ambuja Cement Jetty crosses the creek at village Mahu, crosses Nahwa road at Shivajinagar, runs along coast and foothill of Jasai and finally joins proposed road at JNPT boundary near village Belpada.

Design Speed and Specification: The ROW of Coastal road is 60m having 3 lane dual carriageway with 5 m median and 2.5 m paved pathway. The design speed for coastal road is 100 Kmph but for initial stretch (starting from Amra marg(NH-348A)) of 4 km, the speed is limited to 50 Kmph due to space limitation. This road will connect to airport. The median adopted for airport link is 14 m in view of accommodating future MTHL rail line. The carriageway proposed is flexible pavement (bituminous concrete).

Current Status: The project is scheduled to be completed within 36 months or by October 2021. Initial six months period will be for statutory approvals, planning, design and proof checking and remaining 30 months will be for the execution of the project. After completion of this road, Navi Mumbai will get one more coastal road (apart from the Palm Beach road). This road project will be developed in two phases: Phase-I from the junction of Amra Marg (NH-348A) to the interchange with MTHL at Shivaji Nagar, including link road airport, and Phase-II from Shivaji Nagar to JNPT (Belpada). The total length of the coastal road is 10.1064 km out of which 5.8 km will be developed in Phase-I along with airport link of 1.2 km. The project consists of three flyovers at nodal road junctions, having lengths of 1.2 km and 0.6 km over dense mangrove area to address environmental issues at Ulwe creek channel, respectively and one Rail over Bridge (RoB) for the NMIA connectivity over Seawood-Uran railway line and Amra Marg. The revised estimated project cost is INR 711 crore.

Benefits: The road will serve as a second link to the JNPT as well. It will also share the traffic with the existing two routes: National Highway - 4B and State Highway - 54 with Amra Marg (NH-348A). This part of the coastal road will connect MTHL to the proposed NMIA. In order to take care of nodal traffic, service road has also been proposed alongside. This will ensure unobstructed traffic movements from MTHL to the airport. The airport connectivity will take off from the coastal road near Targhar railway station to the airport running above the Nerul-Uran railway line and Amra Marg (NH-348A). The alignment of coastal road Belpada (JNPT) To Amra Marg (NH-348A) is shown in Figure 4-17.

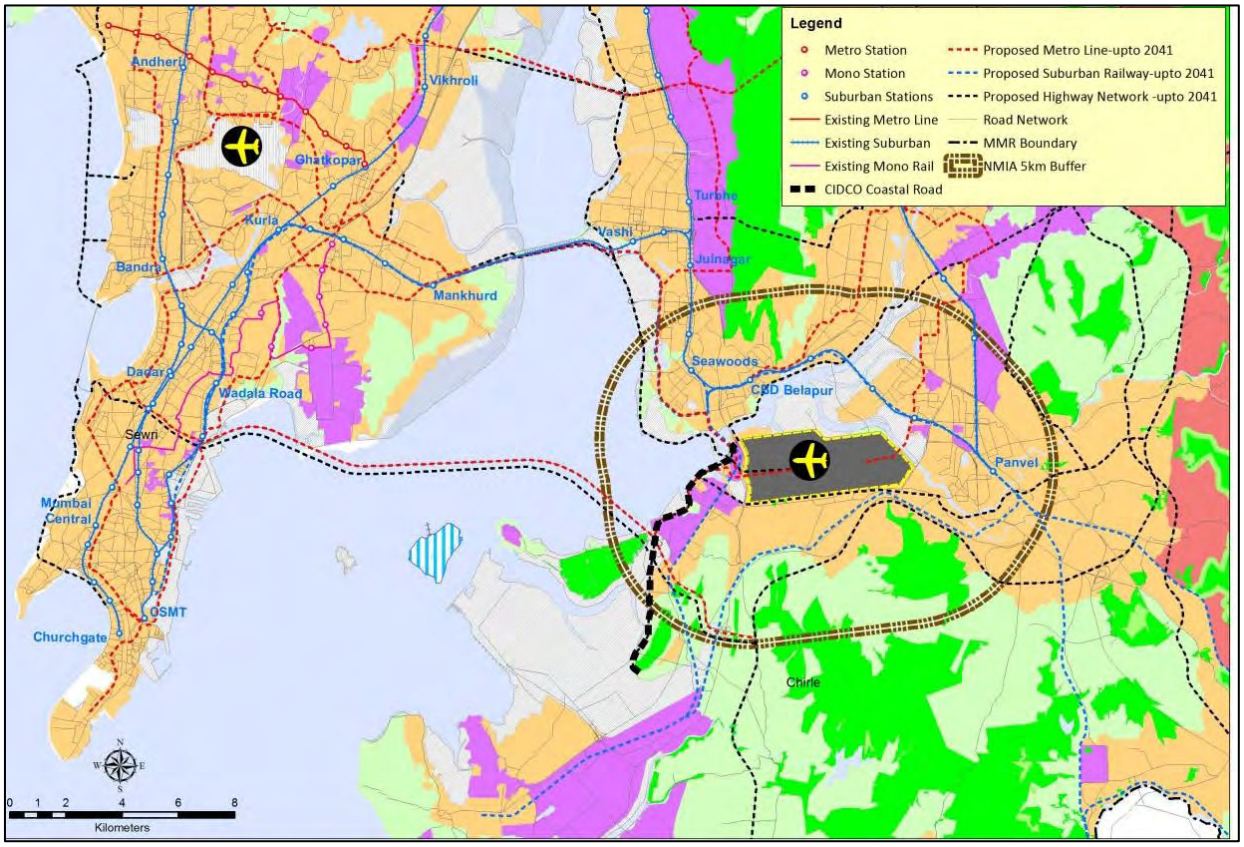


Figure 4-17: Ulwe-Airport Road JNPT to Amra Marg (NH-348A)

Once MTHL becomes operational vehicular traffic coming from island city in Greater Mumbai will use the interchanges shown in Figure 4-18 to have direct seamless connectivity to the airport. Without this interchange there is possibility of traffic congestion near the airport which may lead to anxiety of passengers to miss flight thus encouraging them to jump signal on this critical junction leading to potential accidents.

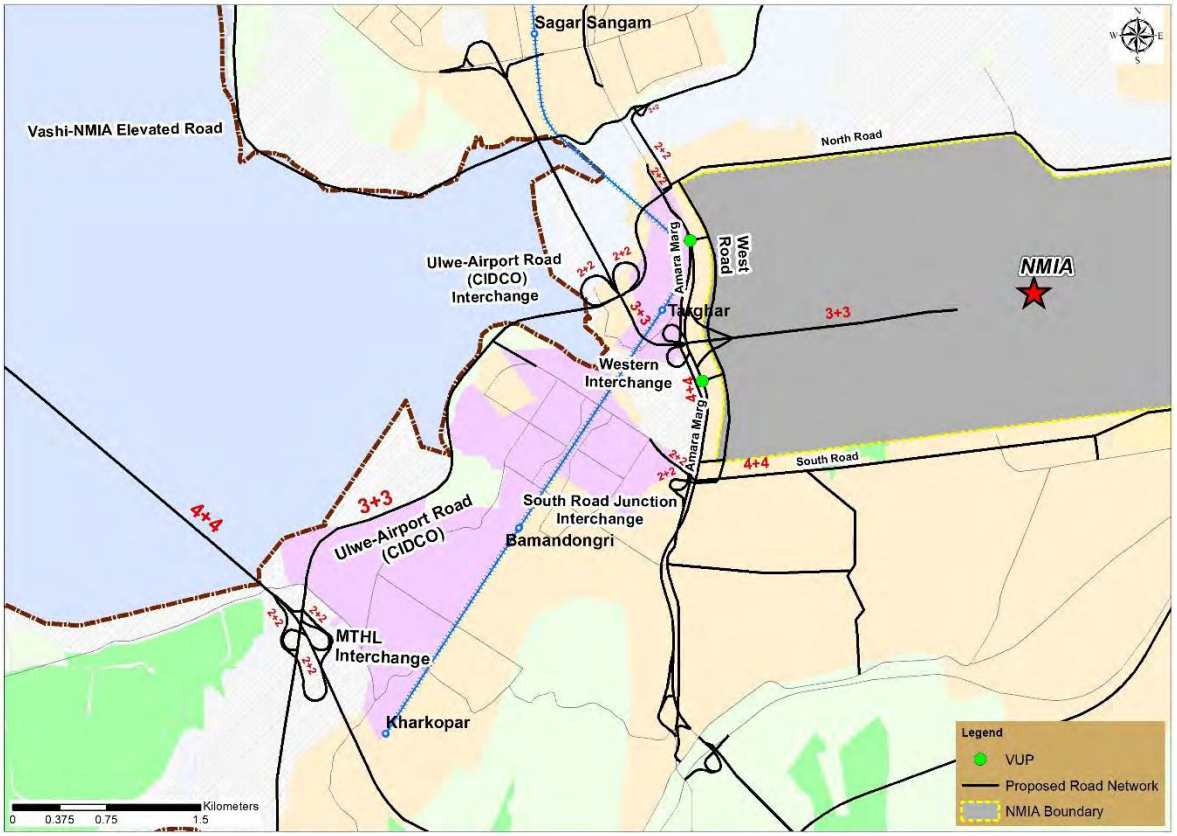


Figure 4-18: Interchange Proposed for Coastal road, MTHL and Elevated Road

4.6 PASSENGER WATER TRANSPORT (PWT)

4.6.1 Passenger Water Terminals in MMR, Updation of CTS for MMR Study, 2017

a) To improve transport situation in MMR, various stakeholders have been keen to exploit to potential of passenger water transport in MMR. Based on discussions with various stakeholders and the headway made made by them passenger water transport terminals have been proposed as part of the study;

b) Inland water transport through the Ulhas River from Kalyan to Vasai via Thane has been considered;

c) Similarly, PWT routes from Navi Mumbai to South Mumbai have also been considered; and

d) The terminals and routes considered in Updation of CTS for MMR Study are presented in Figure 4-19.

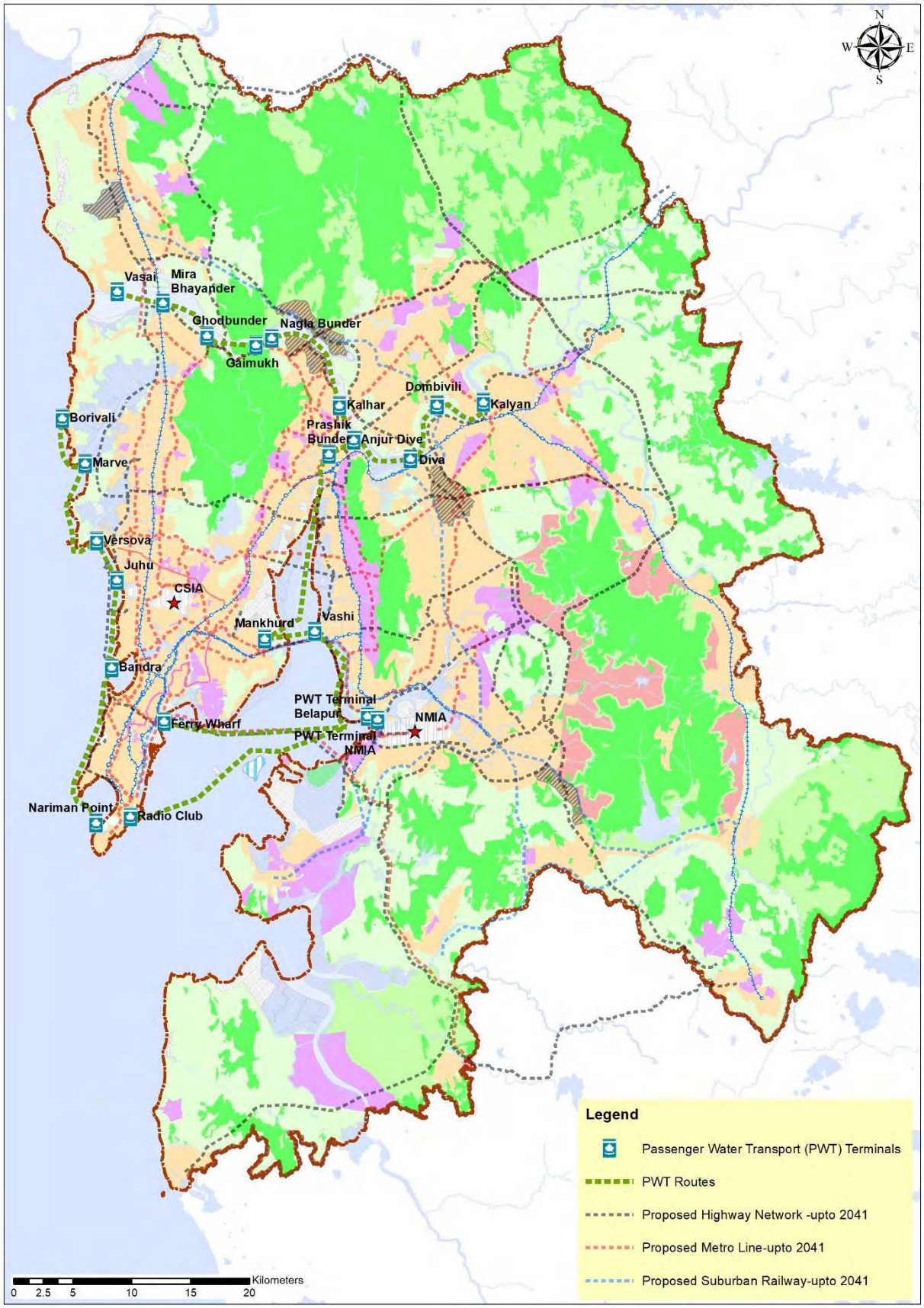


Figure 4-19: Proposed Passengers Water Terminals in MMR

4.6.2 *Development of Infrastructure Facility for Passenger Water Transport Terminal at Nerul, Navi Mumbai, 2014*

a) To improve the transportation system in MMR, GoM is keen to exploit the potential of water transport facilities. Continuing its efforts in this direction, GoM was keen to develop IWT facilities along the East and West of Mumbai and appointed MMB as nodal agency for implementation of water transport facilities on the East coast of Mumbai;

b) Site is situated in Sector 56, Nerul. An existing road starting from DPS is present up to creek, an approach road is proposed to provide access to the site;

c) Distance between site and DPS is around 1.2 km. Existing road is connected to Palm Beach Road, which is one of the major roads in Navi Mumbai; and

d) Site is situated 5.5 km from Sion-Panvel highway. Nearest Railway stations are Seawoods-Darave (3.7 km), CBD Belapur (3.4 km). These stations are connected to Mumbai and rest of Navi Mumbai via Harbor Line.

Figure 4-20: Nerul Site Location

4.6.3 *Regional and Local Transport Connectivity Plan for Navi Mumbai International Airport, January 2012*

a) CIDCO initiated study on “Regional and Local Transport Connectivity Plan for NMIA” which focused on transport network that is needed to be developed and improved towards enhancing the Regional and Local Transport Connectivity for the proposed NMIA;

b) The PWT terminal on Navi Mumbai side is planned very near to the proposed NMIA (Ulwe). Air passengers using PWT (from Island city to Navi Mumbai) can access the NMIA very easily using road-based modes from the PWT terminal to NMIA;

c) The following routes from island city to Navi Mumbai were considered for PWT Terminals, (a) Ferry Wharf to NMIA and Belapur (Blue Line); (b) Radio Club to NMIA and Belapur (Pink line);

d) Air passengers using the PWT mode (from Island city to Navi Mumbai) can access NMIA very easily using road-based mode from the PWT terminal to NMIA; and

e) The PWT terminals should be well equipped with sufficient parking area. Prima facie the PWT routes and terminal locations are feasible. However, further detailed studies need to be undertaken.

Figure 4-21: Regional PWT Routes from Island City to Navi Mumbai & Belapur

4.6.4 Detailed Project Report for Ro-Ro Ferry Service between Ferry Wharf and Mandwa, December 2011

a) The project is sponsored by MMRDA with the objective to set up and commission a Ro-Ro (Roll on-Roll off) Ferry service between Ferry Wharf and Mandwa on the eastern seacoast of Mumbai. The service is proposed to help people take their vehicles from Ferry Wharf to Mandwa on a boat, thus reducing the travel time to reach Mumbai-Goa Highway or Alibaug;

b) The suggested sea route between Ferry Wharf and Mandwa is about 10.3 nautical miles and crosses the main shipping channels leading to the MbPT and JNPT at three points. The estimated sailing time by the proposed Ro-Ro Ferry is about an hour along the sea route;

c) The total trip time, including the travel time to reach the Ferry Wharf, waiting time, vessel loading and unloading, vessel berthing and unberthing, sailing time and the time taken to reach Dharamtar/Vadkhal from the Mandwa jetty is estimated to be about 110 minutes which is significantly lesser than the road travel time; and

d) Esquire Shipping has been awarded the tender to operate the service which is expected to begin in the near future.

4.6.5 Passenger Water Transport System along the East Coast of Mumbai, Dalal Mott MacDonald, 2005

a) MSRDC carried out this study through a consortium of consultants led by Mott MacDonald, Ernst & Young, IIT, Bombay and Mumbai Metro Infrastructure and Project Solutions;

b) The information made available on this study was limited to Traffic studies, Engineering studies, Geotechnical studies and Environmental studies only; and

c) The influence area considered in the analysis in Greater Mumbai are Nariman point, Fort, Ballard Estate, Byculla, Ferry Wharf, Mazgaon, Worli, Prabhadevi and Masjid and in Navi Mumbai are, Nerul, Sanpada, Vashi, Belapur and Seawoods.

4.6.6 Detailed Project Study on Water Transport between South Mumbai and Navi Mumbai, CES (I) Pvt. Ltd., 1995

a) CIDCO has carried out DPR study through Consulting Engineering Services (I) Pvt. Ltd. (CES) for the implementation of Water Transport Service between South Mumbai and New Bombay as per TEFS of 1991-92 (Kirloskar Consultants Limited);
b) In this study, traffic between South Mumbai to Navi Mumbai was estimated on the basis of travel demand surveys conducted by M/s Kirloskar Consultants Ltd. in 1988. Traffic estimates were computed by CRRI for the traffic in 2001 by Direct Utility Assessment and Logit Models;
c) The estimated base cost of the project covering marine civil works, structures, facilities, parking and services is INR 1,254 million (@1995 prices);
d) The break-up of base cost as per the master plan for South Mumbai Terminal and Belapur Terminal is INR 342 million and INR 912 million respectively; and
e) The report envisaged CIDCO to finance both capital investment as well as operational expenses. In order to establish finance viability of this investment, proceeds from the sale of floor space and those from landing charges have been incorporated into the financial projection, which indicates in all the years expect in the third year of phase I (1999).

4.6.7 Report of the "Expert Group" for the study of "Development of Waterways around Bombay Harbour for Commuter Traffic", 1983

a) Bombay's transport problem is caused by the huge volume of demand which is further aggravated by the unidirectional peaking pattern in which about 25% of the daily demand occurs in approximately 3 morning peak hours from north to south and a similar demand during the evening peak hours from south to north;
b) The role of PWT was studied in the above said context. The city's configuration offers the possibility of water transport to augment the existing transport capacity. Moreover, PWT services have certain advantages over surface transport modes in Mumbai;
c) Most of the 'Track' for such services is available naturally and hence free of cost in the waters around Mumbai harbor and associated creeks and rivers. There is virtually no user competing for these water areas unlike land transport systems, which require huge chunks of land and have to compete with several other users; and
d) The traveling environment by water is more pleasant and PWT is less polluting and energy intensive than the surface transport system. This report recommends that limited PWT services can be established with a relatively small capital investment that can be augmented easily as and when required.

4.6.8 Study on Proposed IWT Terminal at Vashi, 1978

a) The study revealed that, the potential traffic for the proposed Inland Water Transport terminal at Vashi to be 10.28 lakh tonnes;
b) The traffic potential was assessed essentially based on cost considerations and amenability of commodities to transport through water;

c) The economic parameters of operating alternative modes were identified, and their values assessed; and
d) It was established by this study that it is economically beneficial for the traffic between south of Dadar in the Island city and areas of Thane-Belapur, Taloja, Panvel and Uran to change over from the road route to the waterway route using Vashi terminal.

4.7 PORT CONNECTIVITY PROJECT BY MJPRCL-PACKAGE V

Mumbai-JNPT Port Road Company Ltd. (MJPRCL) is implementing the port road connectivity project in southern part of Navi Mumbai. The project phase-I was completed in 2008 and phase-II which was divided in 4 packages is under implementation. The project requires additional land for widening of the existing 4 lane roads to 6 & 8 lanes along with service roads. CIDCO has in principally agreed to share the land in possession of CIDCO (for phase-II) in lieu of the technical changes suggested by CIDCO for NMIA connectivity including package V. The details of the package V are as follows.

a) NMIA interchange on West side (Amra Marg/NH-348A)
b) NMIA Interchange on East side (NH-4B D-G Section)
c) Interchange at Killa Junction (Link from Palm Beach road to Amra Marg (NH-348A) towards NMIA/Gavhan Phata) - Free Right
d) Connecting links from NMIA/NH-4B D-G Section to Sion Panvel Highway & Mumbai Pune E-way
    - Connecting links from Sion Panvel Highway to Airport /NH-4B D-G section.
    - Connecting link to & from Mumbai Pune E-way to Airport/NH-4B D-G Section
e) VUP (Vehicular Underpass) to be introduced for airport exit on west side of NMIA on Amra Marg (NH-348A) VUP of size 1x60 m to be introduced for traffic from 60m wide South road of NMIA/ Non-Aero area on Amra Marg (NH-348A).

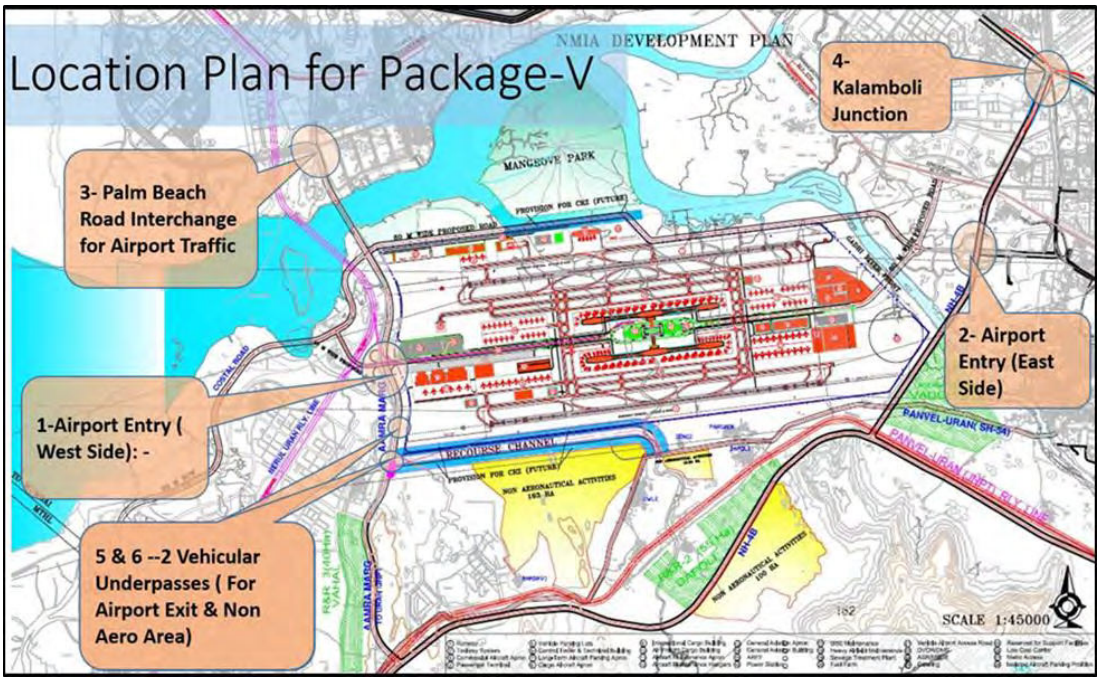


Figure 4-22: Location Plan for Package-V

4.8 KHARGHAR CORPORATE PARK

CIDCO is in the process of auctioning 140 ha of land near Kharghar Central Park to give boost to infrastructure projects by using the revenue generated from sale of land. The corporate park will be made along the lines of the existing Bandra Kurla Complex. The park will have plots with 3 FSI in principal sanction from the state. The corporate park will have an independent design and there is an attempt to draw attention of global MNC's and Indian companies.

CIDCO has proposed a link between Turbhe and Kharghar of Sion- Panvel State Highway. The proposed road will be useful for dispersal of traffic from the corporate park towards Navi Mumbai, Thane and Greater Mumbai. The proposed road will start near Juinagar railway station on Sion Panvel Highway. The alignment of the road passes through Prashik Hills where a tunnel section is proposed.

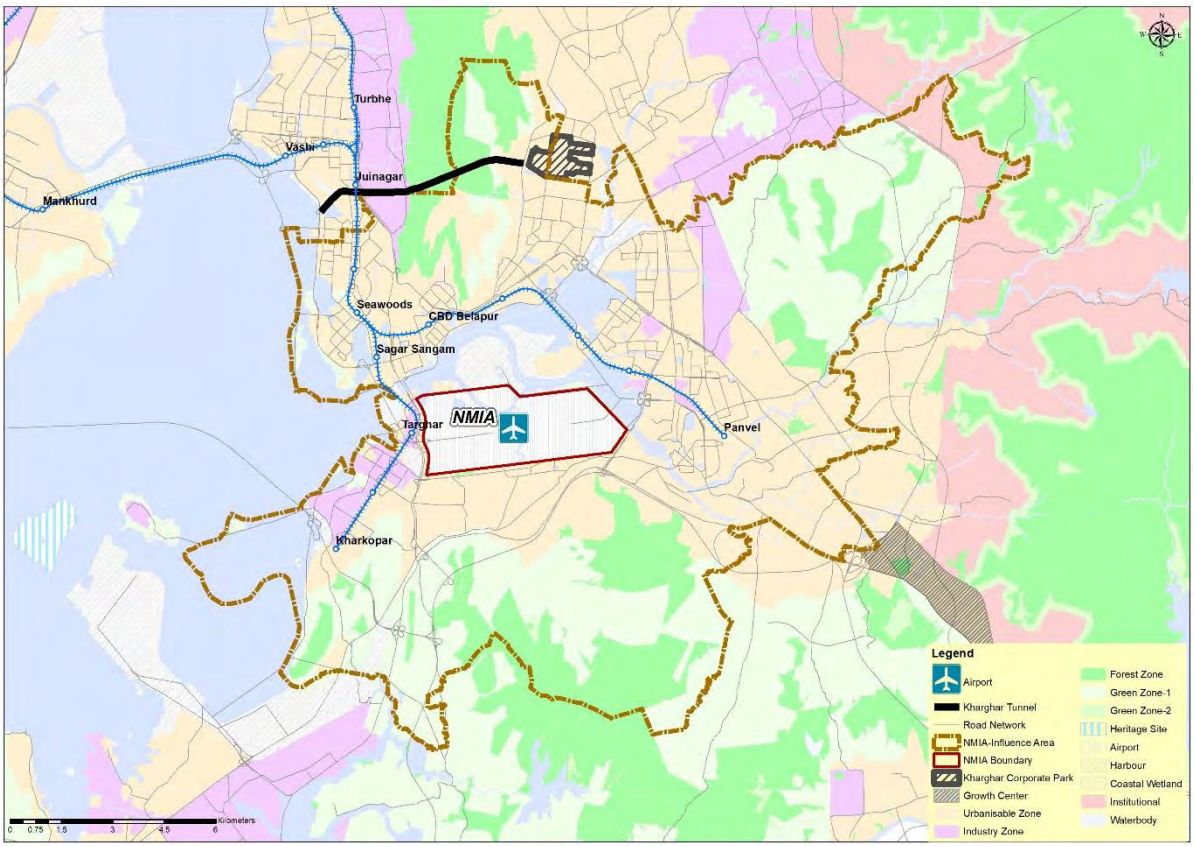


Figure 4-23: Kharghar Corporate park and Kharghar tunnel alignment

4.9 REVIEW OF FEASIBILITY STUDY/ DETAILED PROJECT REPORT FOR JNPT PACKAGE-V

The Mumbai -JNPT Port Road Co Ltd. an SPV of NHAI appointed Spectrum Techno Consultants Pvt Ltd. in association with Shrikhande Consultants Pvt Ltd. to carryout preparation of Feasibility Study/Detailed Project Report for JNPT Package-V consisting of the following:

- Navi Mumbai International Airport Interchange on East side (NH-4B D-G Section) at Ch.2.850 (Approx.)
  - Interchange at Kille Junction (Link from Palm Beach road to Amra Marg (NH-348A) towards Navi Mumbai International Airport /Gavhan Phata) – Free Right.

- Connecting links from Navi Mumbai International Airport /NH-4B D-G Section to Sion Panvel Highway & Mumbai Pune E-way
  a) Connecting links from Sion Panvel Highway to Airport/NH-4B D-G section,
  b) Connecting link to & from Mumbai Pune E-way to Airport/NH-4B D-G Section VUP at Ch. 3.380 (Approx.) of size 2x15 m to be introduced for airport exit on west side.
- VUP at Ch. 4.093 (Approx.) of size 1x60 m to be introduced for traffic from 60m wide South road of Navi Mumbai International Airport /Non-Aero area.
- Extension of RUB and related loops at Km 23 of D-E section of NH-4B.

The main objective of the project is to provide connectivity to NMIA from NH 4B D-G section, Amra Marg (NH-348A) and NH-4B D-E section as illustrated in Figure 4-24.

As per NMIA Master Plan the main passenger access to NMIA is planned from Amra Marg (NH-348A) in the west providing access to the Central Terminal Complex zone via a major new junction interchange on Amra Marg (NH-348A) at the NMIA entrance. Passengers will use the Western Main Access Road (WMAR) for direct access to the CTC landside area without the need for passing through any further junctions. To either side of the WMAR, all the key airport facilities are located immediately to the north and south of WMAR, such as Utilities Plant, Airport Management Offices, Fuel Farm, Airlines Offices, other related offices and facilities, Reserved Services, Police Station, etc. These facilities have alternative road access, by separate roads further segregating their traffic from passenger activities.

The second main airport access, called Eastern Main Access Road (EMAR) is proposed in the eastern part of the airport site via a new bridge over the Gadhi River connecting the airport with NH-4B. It will provide access to the NMIA Cargo, MRO, GA and other facilities located on the eastern part of airport site, thus ensuring segregation of heavy cargo and MRO vehicular traffic from passenger traffic on the WMAR.

Figure 4-24: NMIA boundary and surrounding roads

4.9.1 Alignment options study

The first draft of the 'Draft Inception Report and QAP document' was based on the extent of information made available to Spectrum Consultants (at the time of report submission to NHAI) by various stakeholders including but not limited to CIDCO and Railways. Subsequently after deliberations with CIDCO and NHAI officials and traffic studies at various locations in the project corridor, spectrum consultants made some preliminary proposals for each location.

Sl. No	Type of Survey	Loaction
1	Classified Traffic Volume Count	• Amra Marg at Ch. 2+860 (Approx.) • NH-4B D-G section at Ch. 2+850 (Approx.)
2	Origin-Destination and Commodity Movement Characteristics	• Kalamboli Junction • Kille Junction
3	Axle Loading Characteristics	• Amra Marg at Ch. 2+860 (Approx.) • NH-4B D-G section at Ch. 2+850 (Approx.)
4	Turning Movement Surveys	• NH-4B D-G section at Ch. 2+850 (Approx.) • Kille Junction on Amra Marg • Kalamboli Junction

4.9.2 Preliminary Proposals

On the basis of local traffic patterns, the existing road network and initial reconnaissance surveys, general observations for each location were presented by Spectrum consultants.

Navi Mumbai International Airport Interchange on west side (Amra Marg/NH-348A) at Ch.2.860 (Approx.) of Amra Marg (NH-348A)

Average daily traffic calculated based on 7 days traffic count for Amra Marg (NH-348A) was observed to be 82,837 vehicles (1, 28, 885 in PCUs). It was observed that fast moving vehicles contributed over 99% of total traffic. The intensity of passenger traffic was less compared to commercial traffic due to the proximity of JNPT. To provide access to/from the airport a connecting road needs to be constructed. Based on the analysis aforementioned traffic studies and deliberations Spectrum consultants came up with some options for alternate alignments.

Option 1: A simple trumpet interchange with single loop to connect the right turning traffic coming from the airport with the main road as illustrated in Figure 4-25. Semi direct and diagonal ramps will give connectivity to the airport. Grade separated structures reduce conflict zones and in turn increase safety and capacity.

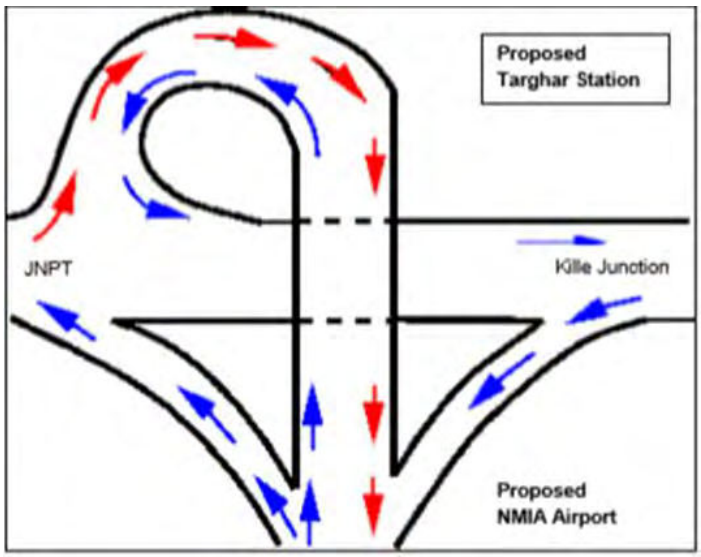


Figure 4-25: Trumpet Interchange for Amra Marg

Option 2 : A double trumpet interchange is proposed as option 2 as illustrated in Figure 4-26 . For this option, no semi direct connection is required but two loops exist. Land required is more when compared to single trumpet interchange. Design intent to be achieved is accomplished by providing two designated ramps for two separate traffic movements from the airport.

Figure 4-26: Double trumpet interchange for Amra Marg

Table 4-3: Comparision of Both options for Amra Marg Interchange

	Geometry	Land Acquisation Aspects		Utilities to be impacted
		Name of Village	Area (sq.m)	
Option 1	Trumpet Interchange	Targhar	42,273	• Water pipeline • Electric cable • Oil Pipeline • Telephone Cable • Gas Pipeline
		Ulwa	11,051	
		Total	**53,324**	
Option 2	Double Trumpet Interchange	Targhar	56,526	• Water pipeline • Electric cable • Oil Pipeline • Telephone Cable • Gas Pipeline
		Ulwa	7,819	
		Total	**64,345**	

Table 4-3enlists the comparison of both options in terms of utilities impacted and land requirements.

Interchange on NH 4B D-G section

Average daily traffic calculated based on 7 days traffic count for this section was 55,400 vehicles (87,783 in PCU). The percentage of fast-moving traffic is around 99% on daily basis. The existing intersection is a 3-legged uncontrolled intersection. An urban road from Khanda colony towards the junction on NH 4B D-G section is built to carry traffic from Panvel to the proposed NMIA.

Option 1: Diamond Interchange

Diamond Interchange is the most common type of interchange where a major facility intersects a minor highway. The design allows free flow operations on the major highway but creates at-grade intersections on minor highway with ramps (ref Figure 4-27). It is generally suitable in both urban and rural areas. Diamond Interchange also occupies less space and therefore is relatively economical to construct. Main limitation associated with Diamond interchanges is the need for signals at Minor Roads. Another limitation of this type of the interchange is that one of the roads (either NH4B D-G section or Airport road) would have to be signalized. One number of grade separated structure on minor road is required for this type of interchange.

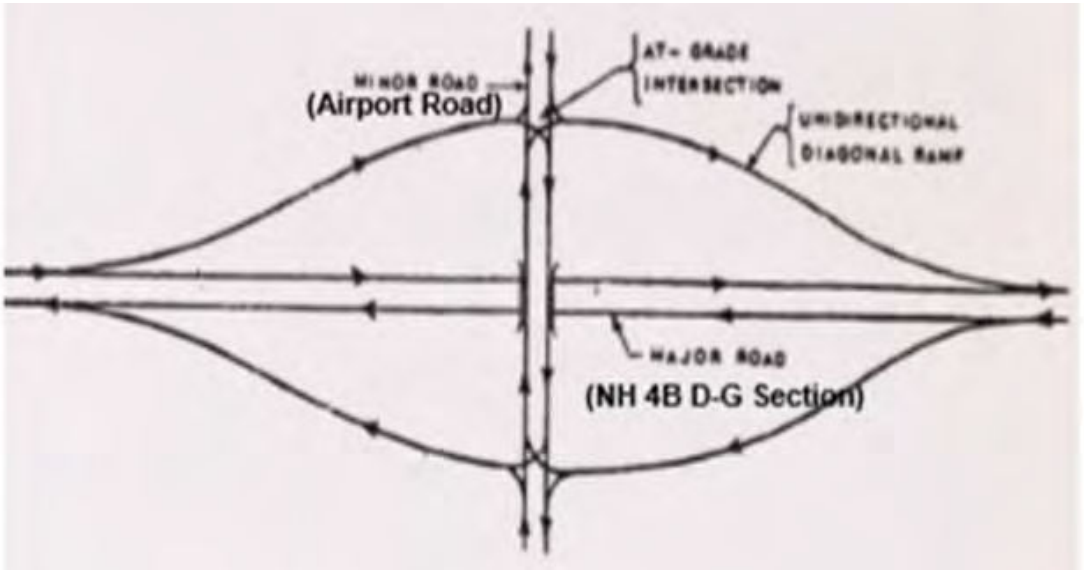


Figure 4-27:Diamond Interchange

Option 2: Cloverleaf Interchange

This is relatively popular interchange since it requires one bridge to be constructed between perpendicular and leading routes. The major factor to consider when evaluating this interchange is the need for a large amount of land. Approximately 28 ha of land is required to design the full clover leaf interchange at this location. Only one number of grade separated structure is required for such type of interchange. All other ramps and arms of interchange will be at-grade (ref Figure 4-28).

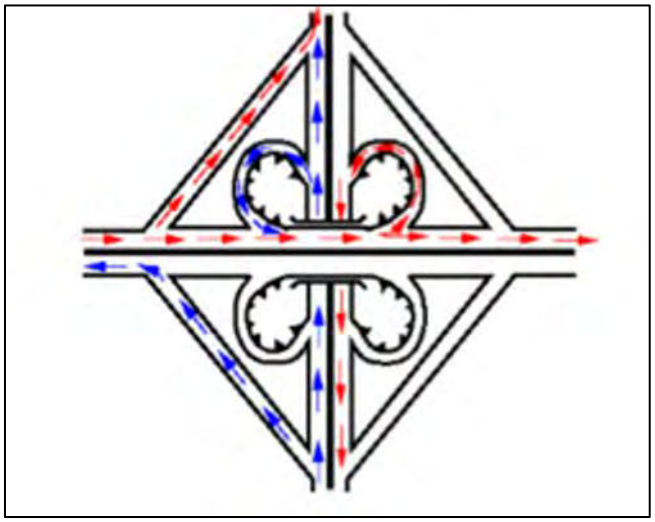


Figure 4-28: Full Cloverleaf Interchange

Option 3: Partial Cloverleaf Interchange

This is the modification of Full Cloverleaf Interchange. A disadvantage of this interchange is the creation of conflict zones on major roads. This interchange can only be justified if traffic on minor roads is comparatively less than the major road. Another drawback of this type of interchange is that one of the roads (either NH 4B D-G section or Airport Road) will need to be signalized (ref Figure 4-29) . One number of grade separated structure on minor road is required for this type of interchange. A comparison of all three options is given below in Table 4-4.

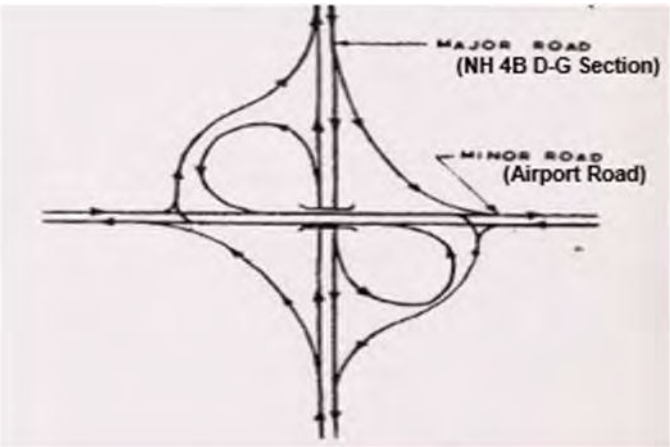


Figure 4-29: Partial Cloverleaf Interchange

Table 4-4: comparison of Various options explored for interchange on NH 4B D-G section

	Geometry	Signalization	Land Acquisation	Utilities to be impacted
Option 1	Diamond Interchange	Required	25 ha	• Electric cable • Telephone Cable • Water pipeline
Option 2	Full Cloverleaf Interchange	Not required	28 ha	• Electric cable • Telephone Cable • Water pipeline
Option 3	Partial Cloverleaf Interchange	Required	24 ha	• Electric cable • Telephone Cable • Water pipeline

The final approved Geometry of Full Cloverleaf after considering requirements from CIDCO, NHAI regarding future developments is shown in Figure 4-30.

Figure 4-30: Final Approved Proposal

Killa Junction Interchange

A turning movement survey for 24 hrs was conducted on Kille Junction to assess the free flowing traffic for the proposed NMIA. As per the turning movement survey carried out for Kille junction; it was observed that 31.6 % of traffic from Thane, 1.2 % of traffic from Belapur and 4.69 % of traffic from Vashi with respect to total traffic in the junction heads towards JNPT. The 24 hr PCU of 91,918 was observed at Kille junction. It is seen from the traffic count that the traffic going towards JNPT is 20,690 in PCU per day. The peak hour (10:00 AM to 11:00 AM) traffic at Kille Junction was 5,997 PCU.

Option 1: Option I will provide access to the traffic coming from the Palm Beach Road and heading towards Amra Marg (JNPT). The up ramp will merge and connect to the existing flyover currently being constructed at Kille Junction. The limitation associated with this option is non-availability of free flow conditions due to signalised intersection at Kille Junction prior to accessing the loop. Land availability is also a constraint at this location.

Figure 4-31: Loop Connecting Palm Beach Marg

Option 2: A vehicular underpass is proposed to connect the traffic from Palm Beach road to Amra Marg. The proposed underpass will merge and connect at-grade in Amra Marg after the existing flyover currently being constructed at Kille Junction. Proposed underpass is merged to the service road of Amra Marg. Provision of underpass will provide a free right for the traffic movement towards NMIA, justifying the design concept. Traffic at Kille Junction will have to be managed during construction.

Figure 4-32: Underpass Connecting Palm Beach Road to Amra Marg

Option 3: This alternative is the continuation of Option I. The up ramp will merge and connect to the existing flyover currently being constructed at Kille Junction. Limitation associated with Option I is addressed in this option by providing an underpass before the loop and under the existing Kille Junction to provide for free flow of traffic heading towards NMIA. Design concept is justified by allowing free traffic movement from Palm Beach road towards the airport with the provision of underpass.

Figure 4-33: Underpass with loop connecting palm Beach Road to Amra Marg

Option 4: As advised by CIDCO officials in the joint meeting dated 9 April 2019 at CIDCO Bhavan, CBD Belapur, a new viaduct/bridge from Palm Beach Road and behind the heritage structure (Belapur Watchtower) was explored. This option warrants a new bridge across Panvel Creek. As advised by PD-PIU,

NHAI in the meetings on 6th June 2019 & 19th June 2019, the warrant for a new bridge over Panvel Creek is outside STCPL‟s scope for this project. PD-PIU, NHAI advised to proceed with the viaduct option (viaduct behind heritage structure) as suggested by CIDCO officials in the meeting dated 9 April 2019 at CIDCO Bhavan, Belapur. Figure 4-34 depicts this proposal.

Figure 4-34: Flyover behind heritage structure - connecting Palm Beach Road to Amra Marg

Connecting Links from Proposed Airport to Sion Panvel Highway and Mumbai Pune Expressway

The 24 hr PCU of 1,46,104 was observed at Kalamboli junction. Results of turning movement showed that around 8.84% of traffic from Thane, 3.4% of traffic from Pune and 5.86% of traffic from Mumbai with respect to total traffic of junction is diverted towards JNPT through NH-4B. On an average 26,456 PCU per day was observed travelling towards JNPT via NH 4 B D-G section. The peak hour (10:00 AM to 11:00 AM) traffic at Kalamboli Junction was 8,972 PCU.

Option 1: An Elliptical Pinavia interchange is proposed for this option. This option provides for reduction of conflict zones by the provision of two dedicated arms separated vertically in space. A separate arm for traffic from the Pune side of the Mumbai - Pune Expressway & heading towards the airport is provided for free left turn onto the proposed interchange. The limitation associated with this interchange is land requirement along the existing roads.

Figure 4-35: Elliptical Pinavia at Kalamboli Junction

Option 2: Option II is a directional grade-separated interchange. Incoming and outgoing traffic of Mumbai-Pune Expressway would use the grade separated elevated directional links. Traffic from Sion-Panvel highway heading towards JNPT will use directional link which is on the 2nd level and traffic from the Airport/JNPT heading towards Mumbai-Pune expressway would be on the 3rd level arm. The advantage of this option is that cross conflict at-grade is eliminated due to grade separated directional links. Also, for traffic coming from Sion-Panvel highway the travel length is reduced and queuing delays are anticipated to be reduced. The limitation associated with this interchange is the land requirement along the existing roads.

Figure 4-36: Directional Interchange at Kalamboli

Option 3: This option is a second level rotary above the Mumbai Pune Expressway. Using this rotary, traffic from Mumbai Pune Expressway and Sion-Panvel highway will travel towards Airport/JNPT. The advantage of this option is that a safe and low-speed treatment is proposed however free-flow conditions cannot be maintained. The associated land requirement is also anticipated to be substantial.

Figure 4-37: Second Level Rotary at Kalamboli

Option 4: This option explores a second level rotary on NH-4B D-G section and directional interchange at Kalamboli Junction. Both the junctions would be improved simultaneously thus helping with traffic management and fewer conflicts. However, land requirements and no dedicated provision for traffic

travelling from the airport towards Pune on the Mumbai-Pune Expressway are some of the disadvantages associated with this option.

Figure 4-38: Links Connecting Airport Exit and Kalamboli Junction (Rotary at Airport Exit)

Option 5: This option explored the improvement of both junctions – i.e. at NH-4B D-G section and Kalamboli junction as directional interchanges. Combination of an elevated corridor and underpass is explored at NH 4B-DG section. Cross conflicts as well as delays are anticipated to be reduced due to the envisaged smooth movement of traffic. Land requirement is a limitation.

Figure 4-39: Links connecting Airport Exit & Kalamboli Junction (Directional Arms at Airport Exit)

Option 6: In the joint meeting dated 9 Apr 2019 at CIDCO Bhavan, CIDCO suggested to explore the possibility of underpass for traffic coming from Mumbai and heading towards the Airport. For the other two directions (i.e. to and fro - Airport – Pune via the Mumbai Pune Expressway) would require elevated structures. This option was explored by Spectrum. The following images depict the proposal:

Figure 4-40: Kalamboli Junction – Mumbai to Airport Underpass

Figure 4-41: Kalamboli Junction – Mumbai to Airport Underpass

The underpass alignment may require closure of the lane that cuts the existing at-grade roundabout for traffic heading towards NH4B D-G section. This traffic then would have to complete the circulatory motion inside the roundabout and then head towards NH4B D-G section. High ground water tables may be anticipated.

Option 7: Another option investigated was a proposed underpass for traffic coming from the Airport and heading towards Pune (towards the Mumbai – Pune Expressway) with the Airport bound traffic from Mumbai serviced by a viaduct. The following images depict the proposal. Some of the issues with this option might be to relocate existing utilities and high ground water table is anticipated.

Figure 4-42: Kalamboli Junction-Airport to Pune Underpass

Figure 4-43: Kalamboli Junction-Airport to Pune Underpass

A comparison on aspects pertaining to functionality, safety and operations associated with flyovers and underpass is enlisted in Table 4-5.

Table 4-5: Comparison of Functionality, Safety and Operations associated with Flyover and Underpass

Aspects	Functionality, Safety & Operations	Flyover	Underpass	Remarks
CLASSES OF VEHICULAR TRAFFIC	Ability to cater to a range of vehicular traffic classes.	The bridge can service all classes of vehicles including oversize vehicles such as B-Doubles etc.	Oversize vehicles such as B-Doubles etc cannot be accommodated (depending upon provided opening size of box).	Bridge can convey all classes of vehicles.
EMERGENCY RESPONSE	Fires, Flooding and Accidents.	Evacuation & emergency response is better and safer on bridges compared to VUPs/tunnels. Possibility of flooding is minimal compared to a VUP/tunnel.	Evacuation is difficult in the event of fire, flooding & accidents. Underpasses would require, adequate lighting, ventilation, sprinkler systems for fire suppression and other life safety requirements for confined spaces.	Emergency response is much easier and safer on a bridge compared to a more confined space like a VUP/tunnel. Impacts such as road closures are more likely in VUPs/tunnels than bridges.
LIGHTING	Lighting during daylight hours.	Bridge does not rely on lighting during daylight hours and there are no issues of transitions in lighting.	VUP/tunnel relies on lighting during daylight hours and transitions in lighting require careful design and maintenance.	Compared to a new VUP/tunnel, a new bridge does not rely on lighting during daylight hours and there are no issues of transitions in lighting whilst driving in and out of a tunnel.

Aspects	Functionality, Safety & Operations	Flyover	Underpass	Remarks
LONG-TERM OPERATIONS AND MAINTENANCE		Long-term operations and maintenance costs of a new bridge will be lower than for a new VUP/tunnel.	Long-term operations and maintenance costs of a new bridge will be lower than for a new VUP/tunnel because a VUP/tunnel would require lighting, ventilation, sprinkler systems for fire suppression, and other life safety requirements for confined spaces.	Additional measures in VUPs/tunnels require additional cost.
SURVEILLANCE & MONITORING		Surveillance limited for speed monitoring and traffic safety	Extensive Surveillance required with staff required (in shifts) monitoring the underpass/tunnel 24x7 in a Control Room. In major rainfall events special care to be taken for closure impacts due to pump failures.	Extensive surveillance requires additional cost, ongoing cost and resources.
UTILITY RELOCATION		Only those utilities affected by bridge foundations would be impacted.	Extensive scope of utility relocation (depending on plan area)	Utility shifting & relocation activity in case of VUP/tunnel may be very intensive & costly.
AT-GRADE SPACE AVAILABILITY (CIDCO/NHAI AREAS)		At grade space is available after construction of flyovers.	Space can be made available above deck level with additional structural considerations.	Space utilization above deck level involves more strengthening measures, thus adding to expenses.
CONSTRUCTABILITY		Major activities of construction are overhead activities & comparatively easy.	Major part of construction involves intricate construction activities using modern techniques like pipe ramming, box pushing or tunnel boring.	Construction in case of VUP/tunnel with special techniques will be more expensive, intricate & needs more attention towards safety concerns.
AESTHETICS		Aesthetically beautiful at lesser cost compared to VUPs/tunnels.	Conventional underpasses have limited aesthetic appeal.	Aesthetically beautiful bridges are iconic structures that enhance the community character and pride of the locals.

VUP AT CH. 3.380 (Approx.) For Airport Exit on West Side (On Amra Marg)

The location of proposed VUP is on Amra Marg at approximately 3+380 km chainage. Traffic on Amra Marg will be impacted. Bypass for traffic may need to be planned accordingly during construction. Utilities adjacent to VUP location may need to be shifted/relocated. The land use pattern along the project road is barren with mangrove forest. Proposed lateral and vertical clearance for VUP is 12m and 5.5m respectively. Total length of VUP is estimated to be approx. 30 m and all along the 30m length a pedestrian sidewalk is proposed with pedestrian grills to ensure safety of pedestrians. Maximum approach gradient of 2.5% is proposed on the main carriageway. The VUP will serve airport related traffic and connects a service road to main carriageway.

Figure 4-44: VUP for airport exit on Amra Marg

VUP AT CH. 4.093 (APPROX.) For Traffic from 60m Wide South Road of NMIA (On Amra Marg)

The location of proposed VUP is on Amra Marg at approximately 3+380 km chainage. Traffic on Amra Marg may get impacted during construction. A temporary diversion or staged construction may need to be planned for construction. Utilities adjacent to the VUP location may need to be shifted / relocated. Encroachments are noted in the built-up area in the vicinity of the VUP. Existing Vahal Creek Bridge is in the vicinity of the proposed VUP. The land use pattern along the project corridor is barren with mangrove forest land and Vahal Gaothan. Main carriageway consists of total of four lanes with paved shoulder of 1.5m on each side. Carriageway is accompanied by service roads of 7m width which are under construction. Proposed lateral and vertical clearance for VUP is 12m and 5.5m respectively. Total length of VUP is estimated to be approx. 60 m and all along the 60m length a pedestrian sidewalk is proposed with pedestrian grills to ensure safety of pedestrians. Maximum approach gradient of 2.5% is proposed on the main carriageway.

The VUP is proposed for the traffic to/from the proposed future SEZ. We are informed that a road is proposed to run parallel to the proposed recoursed channel of Ulwe River. Navi Mumbai Integrated Industrial Area (NMIIA) and other developments are anticipated in the future in the vicinity of the airport. The traffic volume is anticipated to increase and mitigation measures will be required to address the

anticipated congestion on the road going towards/from the proposed airport. There is already an existing VUP at chainage 4+025 which should help divert some traffic from NMIIA. The proposed VUP may come in the approach of the existing VUP. The construction of a bridge is also ongoing near to this VUP. The traffic movements are anticipated to change in that section during construction.

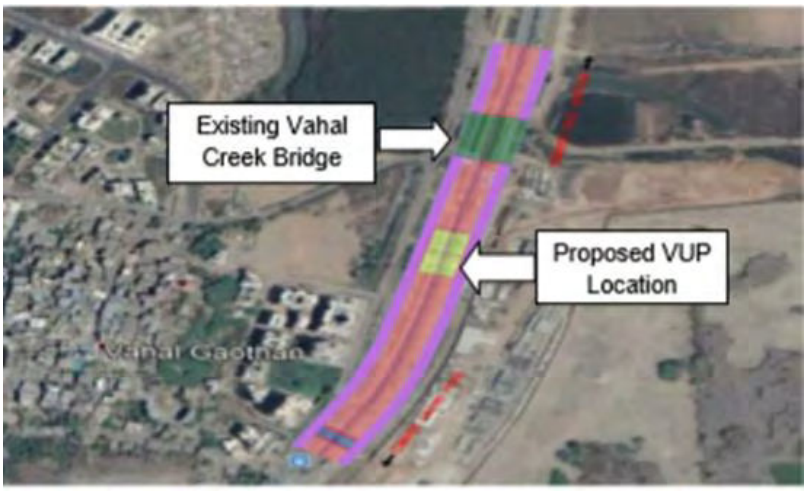


Figure 4-45: VUP on Amra Marg for traffic from 60 m wide road of NMIA

Extended RUB of D-E Section (At KM 23)

The land use pattern along the project corridor is barren with buildings on one side. A new road is proposed by DFCC in the vicinity of existing College Rd to enable connectivity to College Road from Karanjade side via the proposed and extended RUB (Ref Figure 3-50). Existing railway crossing consists of two broad gauges.

Main carriageway consists of total of four lanes with paved shoulder of 1.5m on each side. Carriageway is accompanied by service roads of 7m widths which are under construction. Proposed vertical clearance for VUP is 5.5m. Total length of RUB is estimated to be 92 m. Maximum approach gradient of 2.5% may be proposed on the main carriageway. Traffic on the main carriageway & service roads may get impacted. For traffic management during construction, detour(s) may need to be planned accordingly. Utilities adjacent to RUB location may need to be shifted/relocated.

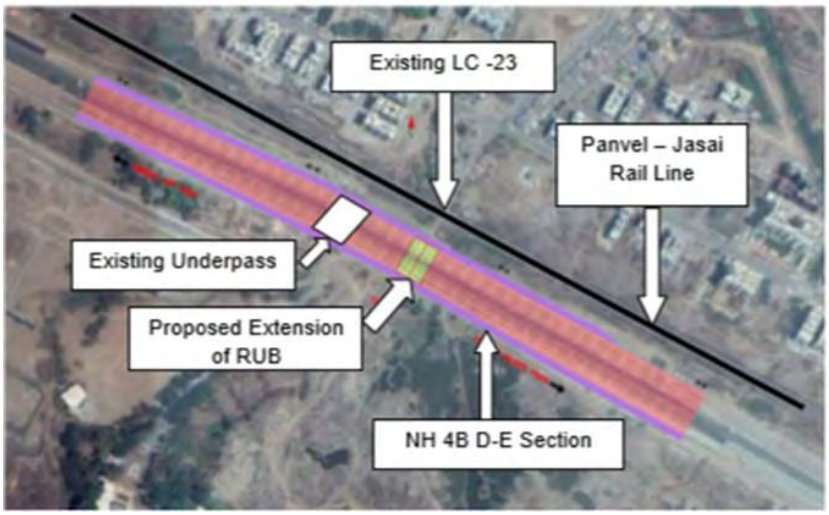


Figure 4-46: Extension of RUB at Level Crossing 23

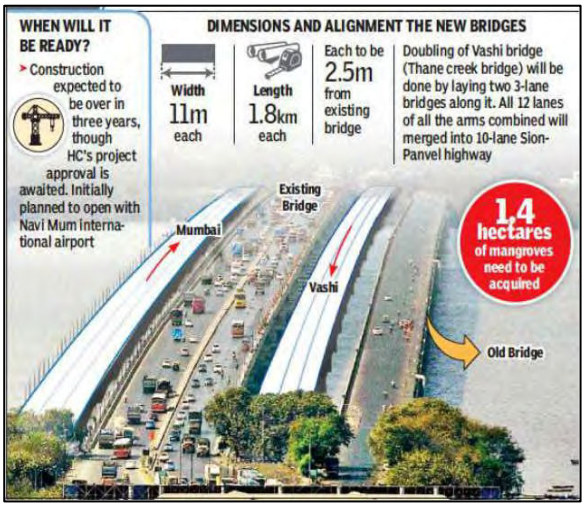
4.10 PRELIMINARY FEASIBILITY OF ADDITIONAL ROAD CORRIDOR ALONG CREEK SIDE OF PALM BEACH MARG

One of the important proposal from CTS for MMR updation study is elevated road from Mankhurd to NMIA (along the Sion Panvel Highway and Palm Beach Marg). During a meeting held with the VC&MD, CIDCO on 17th July 2019 wherein the alternative options for the road connectivity from Mankhurd to NMIA were discussed. The Consultants were advised to work out more options as the initial expenditure for the elevated road would be substantial. Consultants agreed and further worked on the preliminary feasibility of alternative options based on the secondary data, site reconnaissance and google maps and the details are presented in the following sections.

New Elevated Mankhurd — Palm beach - NMIA Higher Order Highway link to NMIA (H14): LOS on Amra Marg between Killa Junction and North Road junction shall fall to less than desirable level by Phase III (due to increased travel demand of JN Port expansion, NMIA and other developments in vicinity) and therefore this road section requires additional capacity to be constructed before Phase III. Construction of Mankhurd- NMIA higher order highway facility (called H14), is highly essential for relieving congestion on Amra Marg and ensuring required airport road connectivity to NMIA, and also other developments in vicinity. This elevated highway is proposed to start from Sion-Panvel expressway at Mankhurd to NMIA through Palm Beach Road. H 14 will not only provide seamless connectivity to airport traffic but also provide access to traffic originating & destined near NMIA like Non-Aeronautical development proposed by CIDCO and proposed IIA in vicinity of NMIA. This elevated road shall need 3+3 lanes (considering the traffic demand) along the creek side of Palm Beach Marg covering alternative options which includes the elevated road from Mankhurd to NMIA. Further, in the same section, for dispersal of traffic to/from NMIA, two alternatives have been proposed i.e. a) Alignment proposed by NMIAL; and b) Alignment proposed by Spectrum Consultants. Consultants recommend further DPR studies for evaluation of alternative options for additional road corridor (Mankhurd — Palm beach – NMIA) and evaluation of alternatives for dispersal of traffic to/from NMIA. Detailed description and qualitative evaluation of options are presented in the following sections.

4.10.1 Additional bridge Across Vashi Creek

Currently, two bridges run parallel to each other near Vashi across Thane Creek. The first bridge with two lanes was thrown open in 1973, but after it showed signs of corrosion, another bridge was constructed, with six lanes, in 1997. The second bridge is used by thousands of motorists every day now, and only light vehicles are allowed on the old bridge. To provide smoother connectivity between Mumbai and Navi Mumbai, MSRDC planned additional bridge i.e. Thane Creek bridge III across Vashi Creek. Approximate cost of the bridge is INR 775 crore and expected construction period is three years.



4.10.2 CSMT Panvel Fast Corridor

To sustain the present and growing needs due to the envisaged infrastructure projects like SEZs, New Port – Rewas, Navi Mumbai International Airport, expansion of JNPT, Integrated Transport Terminal consisting of Long distance Railway Terminal and Metro lines, Govt. Of Maharashtra considered necessary to operate high end transit system between Mumbai and Navi Mumbai to facilitate faster travel. Hence high speed corridor was proposed from CSMT to Panvel. RITES Ltd. was awarded the work for "Detailed Project Report for Fast Corridor on CSMT Panvel" by MRVC. RITES Ltd. submitted the Final Report on the DPR study in June 2016. The salient features of the corridor as per the DPR are as follows:

a) The alignment is planned from CSMT to Panvel (length of about 48 km) as shown in Figure 4-47. The alignment has been proposed generally within railways right of way, in order to minimize acquisition of private land/properties;
b) Height of the deck has been generally kept 15.0 m above existing rail level, in order to provide adequate clearance over existing ROBs, FOBs and to accommodate elevated station box;
c) The corridor proposed to have double line track, with a capacity to run 8 coach trains;
d) Wherever height of deck requires increase, due to higher road level on the ROB, same has been increased by suitable down/up-grades in approaches;
e) Alignment proposed is along and generally parallel to the existing tracks, on east or west side, as considered feasible. The alignment is proposed to have 11 stations viz. CSMT, Wadala, Kurla, LTT, Chembur, Mankhurd, Vashi, Nerul,Belapur,Kharghar and Panvel. Out of these the stations at Vashi, Kharghar and Panvel are at grade while all other stations are elevated. The alignment from CSMT to Mankhurd is elevated and within the ROW of railways, parallel to the existing suburban line;
f) MMRDA is planning to run High speed Metro services between Chhatrapati Shivaji Maharaj International Airport (CSMIA) and proposed NMIA. Track integration between proposed High-speed corridor and Fast corridor has been recommended by MMRDA. The section from Mankhurd to Vashi is planned at a distance of 50 m from the existing Railway Bridge;
g) Based on the utility details along Palm Beach Road, the alignment has been kept on the edge of the green belt i.e. towards the built-up area. The pier of the viaduct will be on the green belt and viaduct will partially overhang on the adjacent service road. Height of the deck has been generally kept 15.0 m above existing ground level;

h) The alignment becomes parallel to existing harbour line short of Belapur. The alignment from Belapur to Panvel has been planned at-grade. A distance of 6.3 m has been kept between the Harbour line and proposed Fast corridor. The rail level of the proposed Fast corridor in this section will be kept same as that of the existing Harbour line; and

i) To provide connectivity to the NMIA, a spur across Palm Beach Marg near NMMC head office is proposed. The alignment of the spur has been kept within the Railway ROW. The alignment will cross the under-construction Railway bridge across Palm Beach Road, thereafter, by a down ramp will come at-grade. New Railway Bridge across Panvel creek will be required for the corridor. The spanning arrangement of proposed bridge across creek is kept same as of existing Railway Bridge meant for Nerul/ Belapur Uran line.

Figure 4-47: CSMT Panvel Fast Corridor with proposed Stations

4.10.3 Alternate Options for Vashi to NMIA Connectivity

The following alternative options have been considered and further described in the following sections.

1) Option 1: Coastal Road from Sanpada to NMIA;
2) Option 2: Elevated Road on creek side of Palm-Beach Marg; and
3) Option 3: Elevated Road along the median of Palm Beach Marg.

Option 1: Proposed Coastal Road from Vashi to NMIA

The option 1 involves proposed coastal road from Vashi to NMIA as shown in Figure 4-48. Salient features of this option are as follows:

a) After construction of the additional bridge across Thane Creek i.e. Thane Creek bridge III, there will be 6 lanes in each direction i.e. 6+6 lanes. The Sion Panvel highway on either side of Vashi Creek bridge is already 5+5 lane configuration (Ref. Figure 4-49). Thus, there will be an increase in corridor capacity as a whole (Sion Panvel Highway widened to 10 lanes);

b) Previous studies proposed a Coastal Road from Thane to Sanpada and further upto NMIA which will provide an alternative corridor to Thane-Belapur Road and Palm Beach Marg. In CTS for MMR updation study, the proposed coastal road has been considered for the analysis;

c) An interchange is proposed at the intersection of Sion Panvel Highway and Thane Sanpada Coastal Road to accommodate major traffic movements (Figure 4-50). From Sanpada to NMIA, coastal road alignment is considered in this option 1;

d) Prima facie, approval for this road might be time taking process as the alignment passes through mangroves and will require CRZ clearances; and

e) The proposed CSMT Panvel Fast Corridor will traverse across the Coastal Road near Vashi. The alignment of CSMT Panvel Fast Corridor is at grade in this section.

Figure 4-48: Option 1: Proposed Coastal Road from Vashi to NMIA

Figure 4-49: Sion Panvel Highway

Figure 4-50: Interchange proposed at the intersection of Sion-Panvel Highway and Proposed Thane-Sanpada Coastal Road

Option 2: Elevated Road along creek side of Palm-Beach Marg

Option 2 is evolved considering the Vashi – NMIA Coastal Road along the Palm Beach Marg on creek side within 90 m ROW (Ref. Figure 4-51). Salient features of this alignment are enlisted below:

a) The initial alignment for this option is similar to Option 1 wherein additional bridge across Thane Creek i.e. Thane Creek bridge III and interchange at the intersection of Sion Panvel Highway and Thane Sanpada Coastal Road;

b) An elevated road is proposed to be built on stilts along the Palm Beach Marg on creekside in this option. The elevated road will be within 90 m ROW of Palm Beach Marg. However due to developments like Indian Maritime University, Seawoods Estate, NRI Colony and Delhi Public School the alignment needs to be altered to make the road feasible (Ref. Figure 4-52 and Figure 4-53). The proposed elevated road is diverted towards earlier shown alignment of coastal road from sector 18 near Nerul and then follows the alignment of coastal road as proposed in Option 1;

c) As the proposed road is to be constructed on stilts it will lead to minimum damage to the mangroves, as part of the alignment is planned along the Palm Beach Marg within 90 m ROW. Thus, compared to Option 1, Option 2 would be relatively better in this aspect.

Figure 4-51: Option 2: Elevated Road along creek side of Palm-Beach Marg

Figure 4-52: Altered alignment due to developments

Figure 4-53: Developments along Palm Beach Marg and Mangroves near the proposed alignments

Option 3: Elevated Road along the median of the Palm Beach Marg

The option 3 involves an elevated road along the median of Palm Beach Marg (Ref. Figure 4-54). This road will start from the proposed interchange on Sion Panvel highway near Vashi Toll Plaza. As the proposed elevated road is substantially planned along the median of the Palm Beach Marg, it will lead to minimum damage to the mangroves. Thus, compared to Option 1 and Option 2, getting clearances for the alignment would be faster and much easier in implementation. However, considering aesthetic aspects, it may not be the right solution. Further the CSMT Panvel Fast Corridor is planned along the development side of Palm Beach Marg along the green belt between the service road and main carriageway. The alignment has been proposed at an elevation of 15 m from ground level.

Figure 4-54: Option 3: Elevated Road along the median of the Palm Beach Marg

4.10.4 Comparative Qualitative Evaluation of Alternative Options

Comparative qualitative evaluation of above alternative options is presented in Table 4-6. Prima facie, Alternative Option 1 may be chosen i.e., coastal road from Vashi to NMIA. For implementation as this alternative overweighs the pros compared to cons and provide seamless connectivity with high level of service to users coming from Thane, Navi Mumbai, etc. to NMIA and vice versa. However, detailed studies should be carried out for taking forward the most viable option.

Table 4-6: Comparative Qualitative Evaluation of Alternative Options

Option No.	Description	Pros	Cons
1.	Coastal Road from Thane to Sanpada and further extension from Vashi to NMIA. 	a) Relatively easy in implementation. b) Cost may be lower than the option 2. c) Seamless connectivity to NMIA with adequate Waterfront available from aesthetics point of view. d) This would provide seamless connectivity upto Thane and would have higher level of service for traffic among all options and most desired link to the Airport.	a) As the alignment passes through mangroves, getting CRZ clearance, forest clearance, etc. will be tough and time consuming.
2.	Elevated Road along creek side of Palm Beach Marg within 90m RoW and along alignment of Coastal Road due to developments on creek side. 	a) Relatively easy in implementation.	a) As the alignment passes through mangroves, getting CRZ clearance, forest clearance, etc. will be tough and time consuming. b) Land Acquisition will be difficult. c) More or less similar to option 1, but with less LOS. d) During the construction of elevated road traffic on Palm Beach marg will have to be diverted which may further lead to deterioration of LOS on other roads.
3	Elevated Road along median of Palm Beach Marg & alternative Options: Seawoods to NMIA a) Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West b) Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road 	a) Getting clearance for this option will be faster.	a) Alignment proposed by Spectrum consultants from Killa junction towards Targhar on Amra Marg (NH-348A) may an issue due to presence of heritage structure at Killa Junction. The other alternative i.e. NMIAL alignment from NMIA to Palm Beach Marg will need CRZ clearance, forest clearance, etc.; b) The proposed CSMT Panvel Fast Corridor is on development side of Palm Beach Marg at an elevation of 15 m. Having the elevated road along median at the same level may not be possible as there may not be enough space for overhang of both alignments together. Hence, the proposed elevated road needs to be planned at a lower level. This will further affect the aesthetics along Palm Beach Marg. c) The alignment may not be aesthetically pleasing as it may hinder view of NMMC head office on Killa Junction and other places along Palm Beach Marg. d) Lot of dispersal of traffic issues during construction and perennial post implementation issues e) Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West which is a duplication of cloverleaf intersection as the Amra Marg (NH-348A) is close by and unwarranted. f) During the construction of elevated road traffic on palm beach marg will have to be diverted which may further lead to deterioration of LOS on other roads.

For dispersal of traffic from Seawoods to NMIA and vice versa, there are two following options:

a) Option 1: Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West; and
b) Option 2: Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road

In both the options, the elevated road will follow median of Palm Beach Marg upto Killa Junction.

a) **Option 1: Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West:** The proposed elevated road on Palm Beach Marg along its center median will use the trumpet interchange near Delhi Public School on Palm Beach Marg for traffic dispersal to/from NMIA. Proposed alignment along with elevated road along median of Palm Beach Marg is shown in Figure 4-55.
b) **Option 2: Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road:** The proposed elevated road on Palm Beach Marg along its center median will cross the Kille junction at second level above the North-South flyover which is under construction and join the proposed addition 2+2 lane bridge across Panvel creek for traffic dispersal to/from NMIA. Proposed alignment along with elevated road is shown in Figure 4-56.

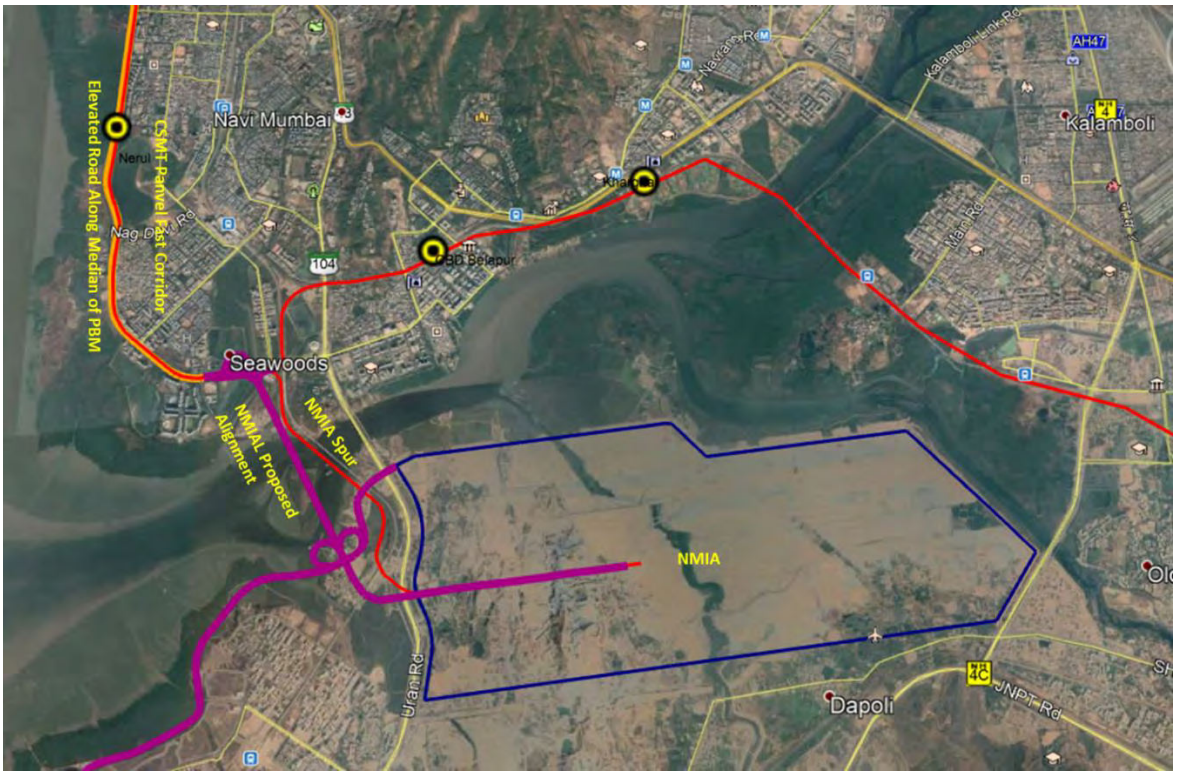


Figure 4-55: Connectivity between Seawoods to NMIA, Option 1: Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West

Figure 4-56: Connectivity between Seawoods to NMIA, Option 2: Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road

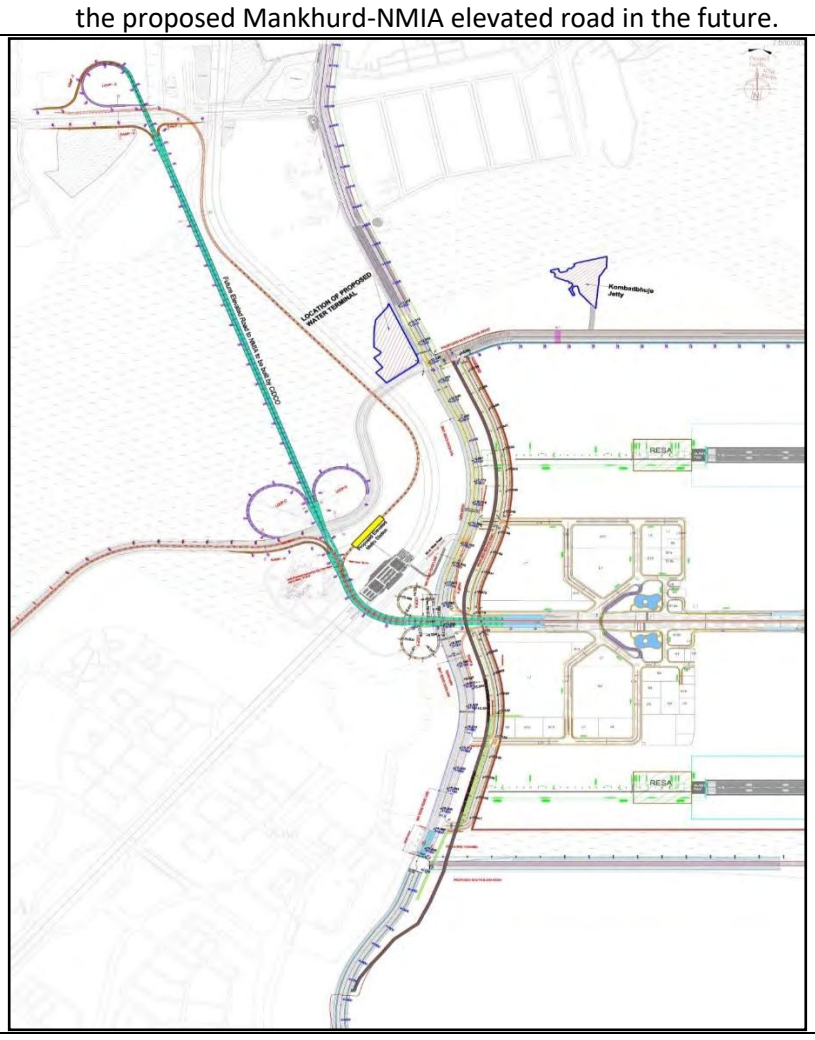
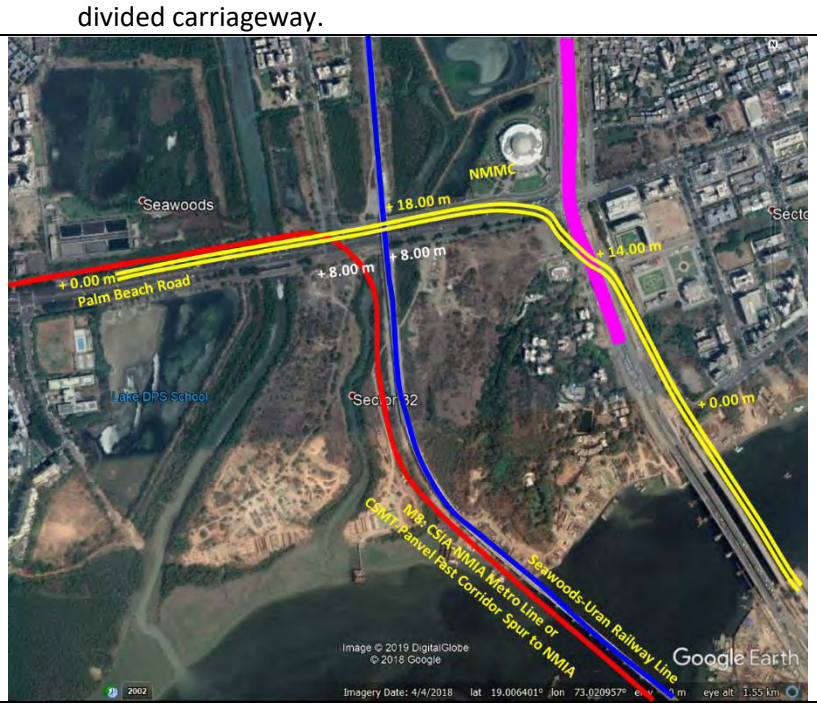
Comparative Qualitative Evaluation of Alternative Options for the connectivity between Seawoods and NMIA

Comparative qualitative evaluation of alternative options as presented above for the connectivity between Seawoods and NMIA is presented in Table 4-7. Prima facie, qualitative evaluation of the alternative options indicates that, Option 1: Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West is relatively better option compared to Option 2: Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road. With respect to implantation point of view, Option 2 can be implemented which can serve short to medium term and Option 2 can serve for long-term. However, Consultants suggest for carrying out detailed studies for the alternative options and select the option based on comprehensive qualitative and quantitative evaluation.

The following action plan is proposed for further detailed evaluation of alternative alignments (Vashi – Seawoods) and options (Seawoods to NMIA):

a) Detailed engineering feasibility of alternative alignments and options;
b) Approximate cost estimates;
c) Evaluation of alternative alignments and options in terms of effectiveness in traffic dispersal, land acquisition, broad cost, ease of implementation, etc.; and
d) Stakeholder consultation and consensus.

Table 4-7: Comparative Qualitative Evaluation of Alternative Options for the connectivity between Seawoods and NMIA

Option No.	Description	Pros	Cons
1.	***Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West*** a) Proposed trumpet interchange on Palm Beach Marg provide priority movement from/ to Palm Beach Marg to/ from the NMIA for passenger vehicles; b) The proposed trumpet interchange can be well integrated with the proposed Mankhurd-NMIA elevated road in the future. 	a) Sort of seamless connectivity and focused for NMIA Traffic. b) In the long term, when coastal road is taken up this type of connection shall need to examined for connecting to NMIA directly.	a) The alignment from NMIA to Palm Beach Marg will need CRZ clearance, forest clearance, etc. which may take more time; b) Cost will be extremely higher than Option 2 and not viable from cost benefits point of view. c) Option 2 being developed by MJPRCL and would be a duplication of facility very close by and hence not desirable.
2.	***Elevated Road along Palm Beach Marg and crossing Kille Junction and joining North Peripheral Road*** a) Proposed elevated road on Palm Beach Marg provide priority movement from/ to Palm Beach Marg to/ from the NMIA for passenger vehicles and the alignment has to cross M8: CSMIA-NMIA Metro Line or CSTM-Panvel Fast corridor Spur to NMIA, Seawoods-Uran Railway line and North-South flyover at Kille Junction which is under construction. Approximate level of the proposed elevated road at crossing of metro/suburban railway line is +18.00 m and crossing flyover at Kille Junction is +14.00 m. There is adequate length available for landing of the elevated road on either side; b) The proposed elevated road can be well integrated with the proposed Mankhurd-NMIA elevated road in the future. c) Lane configuration proposed for the elevated road is 4 lane divided carriageway. 	a) Getting clearance for this option will be faster; b) Cost shall be lower than the option 1; c) Already planned under MJPRCL package V and can be quickly implemented because of no clearances and challenges involved.	a) Alignment proposed from Killa junction towards Targhar on Amra Marg (NH-348A) is close to the heritage structure at Killa Junction.

Alignment of additional road corridor details presented under Option 2 i.e. Elevated Road along creek side of Palm-Beach Marg and dispersal of traffic from Seawoods to NMIA and vice versa presented under Option 1: Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West is presented in Figure 4-57. As recommended above, Consultants suggest for carrying out further detailed studies for finalisation of options for additional road corridor along Palm Beach Marg and dispersal arrangements for Seawoods to NMIA and accordingly design the facilities in an integrated manner.

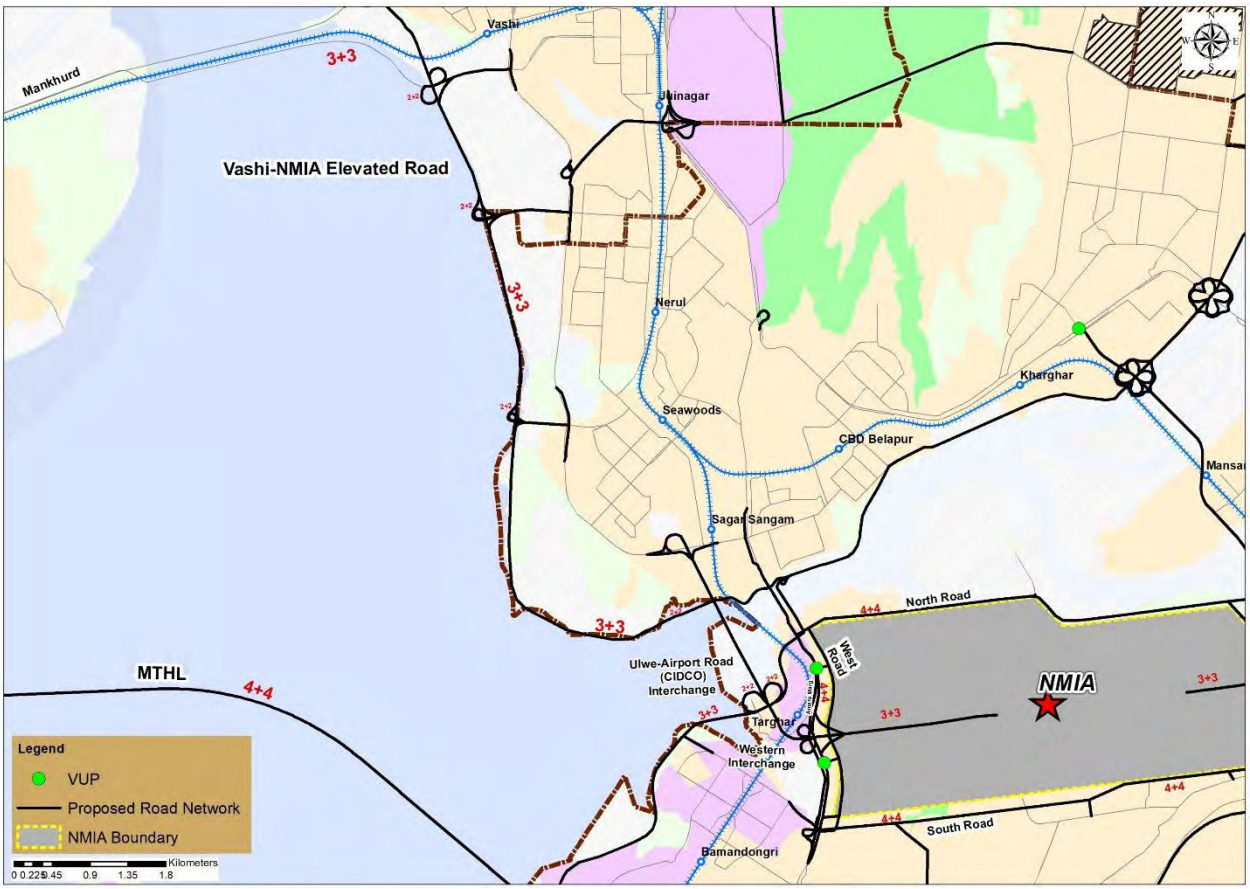


Figure 4-57: Alignment of additional Road Corridor along Creek side of Palm Beach Marg and Trumpet Interchange near Seawoods and Elevated Road across Panvel Creek and entry to NMIA from West

4.11 TRANSPORT CONNECTIVITY FROM NMIIA (NMSEZ) NODES TO NMIA

It is pertinent to mention here that, NMIIA (NMSEZ) would be one of the major traffic generators in the vicinity of NMIA and there is a need for enhanced transport connectivity from Dronagiri, Kalamboli, Ulwe (W) and Ulwe (A) nodes of NMIIA to NMIA. NMIIA nodes are presented in Figure 4-58. Missing links, Road widening proposals and Grade separation facilities proposed in NMIIA nodes to enhance the transport connectivity to NMIA are presented in Figure 4-59, Figure 4-60 and Figure 4-61.

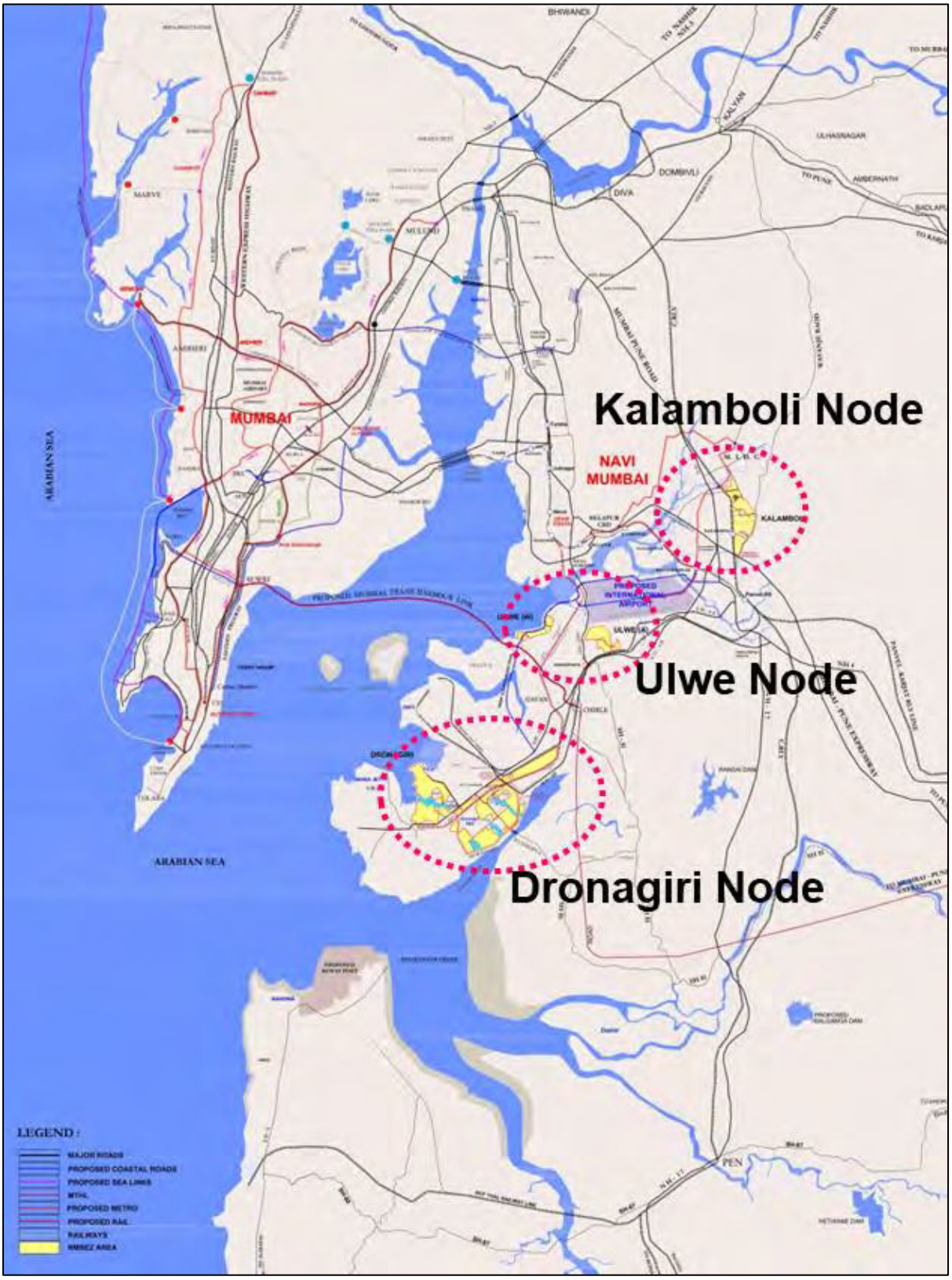


Figure 4-58: NMIIA (NMSEZ) Regional connectivity

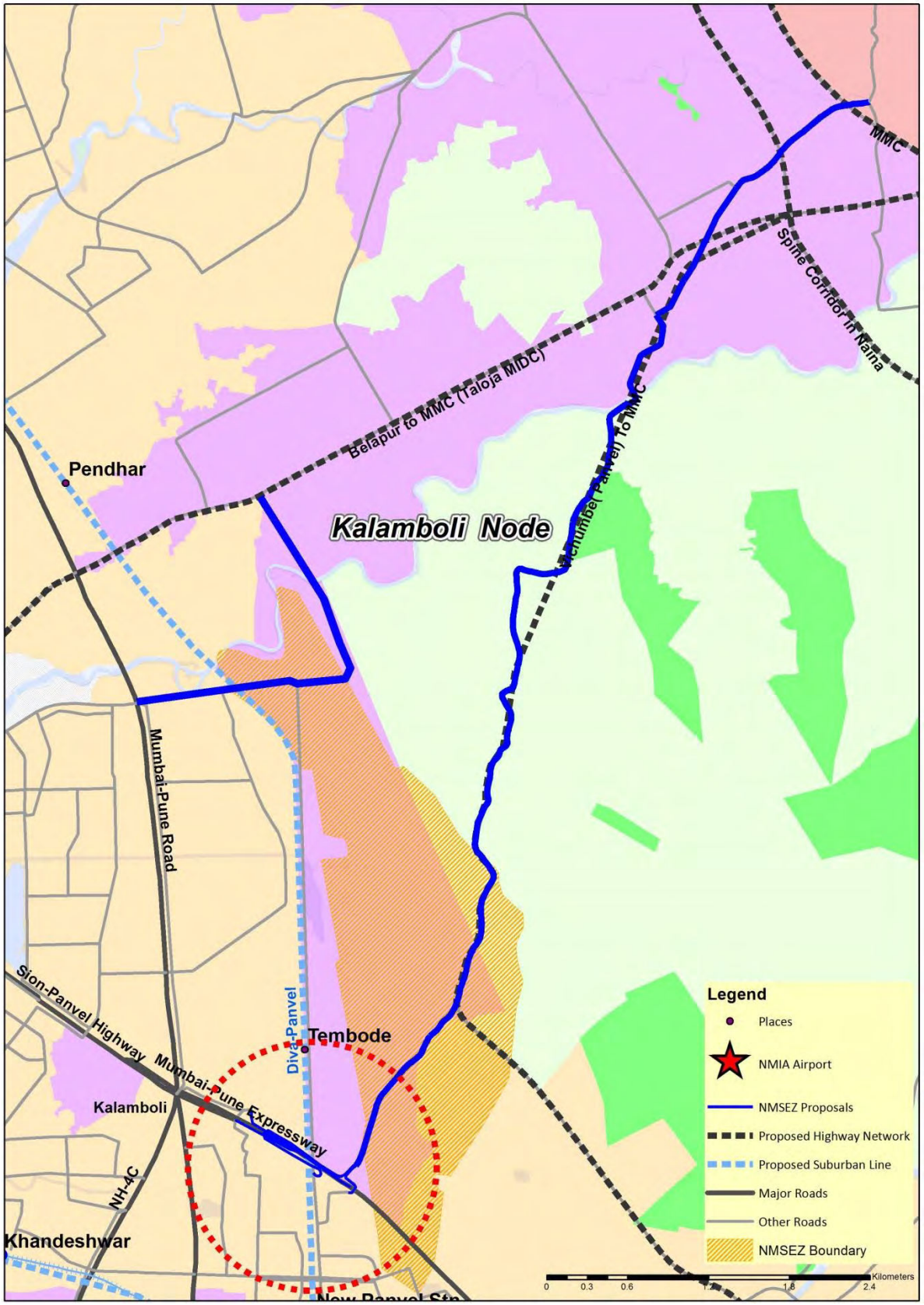


Figure 4-59: Widening of Wavanje Road to 6 lanes and Approach to Wavanje Road from Kalamboli junction alongside of MPEW

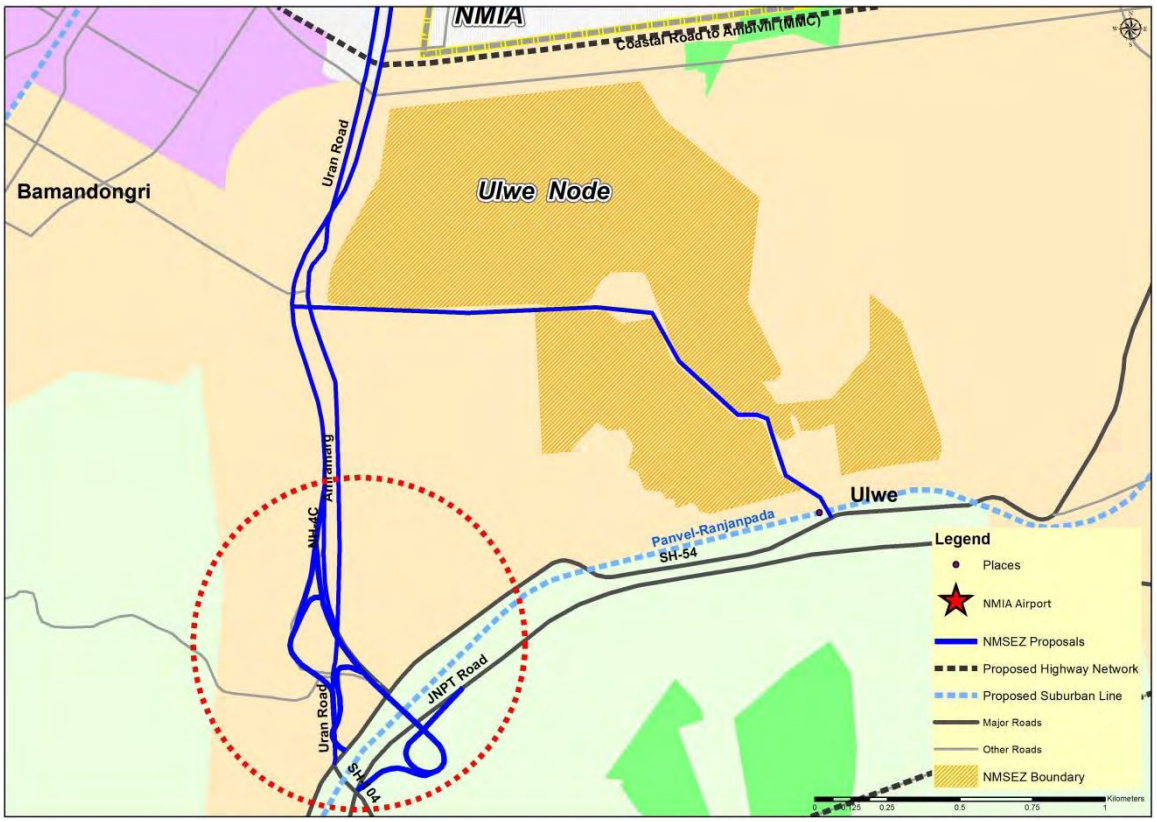


Figure 4-60: Road Connectivity Amra Marg (NH-348A) to SH 54 between Ulwe (A) pockets

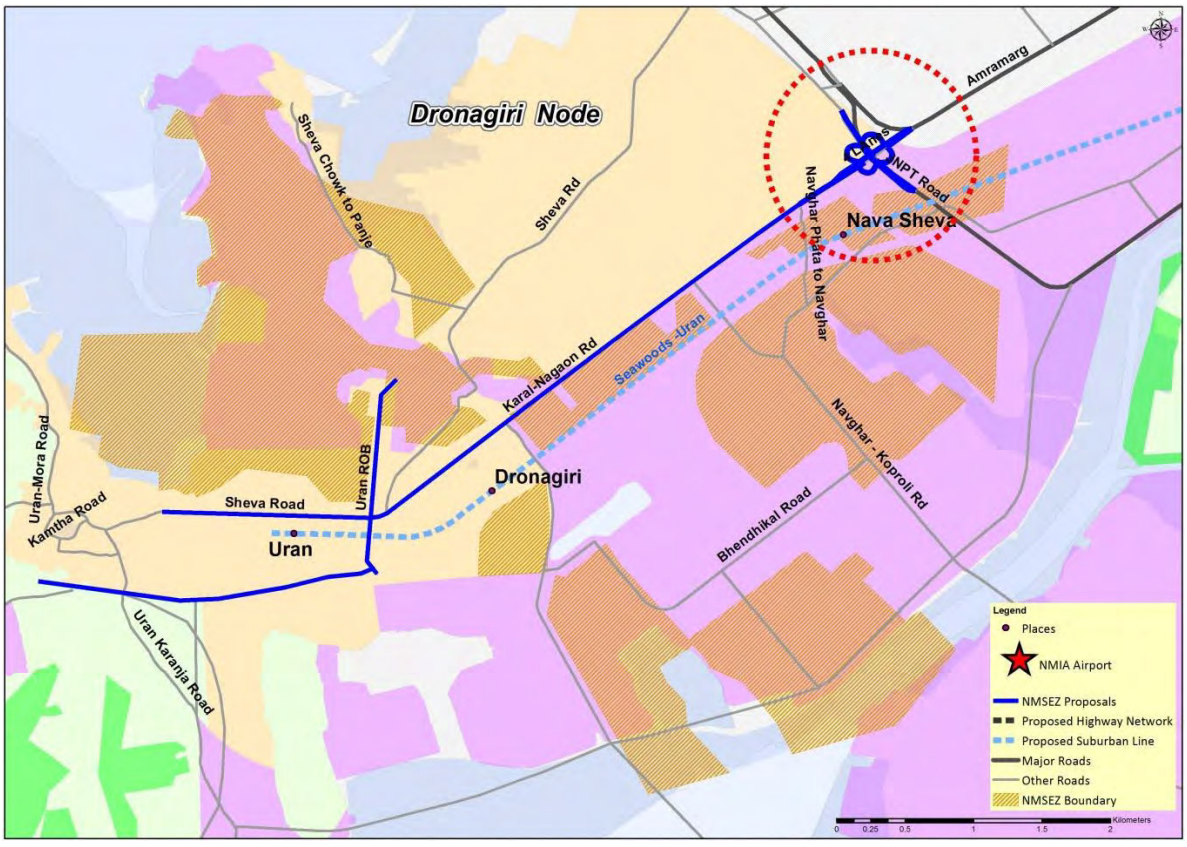


Figure 4-61: Widening of SH54 up to Uran to 6 lanes and Connectivity for Dronagiri Node

4.12 ADDITIONAL RIVER BRIDGE ACROSS GADHI RIVER

During the course of the study, CIDCO directed the consultants to review the need for additional bridge across Gadhi River on SH 54 as shown in Figure 4-62. The SH 54 provides connectivity to the Panvel Suburban station, Panvel Market and the Panvel bus depot. The existing landuse in the vicinity of the bridge is residential. Panvel city Municipal corporation falls on east side of Gadhi river and Navi Mumbai New town which is under jurisdiction of CIDCO falls on the west side.

Figure 4-62: Proposed Bridge across Gadhi River

There are two bridges located across Gadhi river, one is functional (2 lanes) and another is defunct which is two lane (it was built during the British era, closed 3 years ago after it was deemed dangerous). The functional bridge is a 2 lane carriageway and the road on either side is 2 + 2 lanes. Currently, PWD, GoM is widening the SH54 from junction of Uran Road x SH54 to the existing bridge to 3+3 lanes. Thus, the carriageway configuration of SH54 varies from 2 lane to 3+3 lanes. The average journey speed on this road is 14 kmph (D Point to Panvel station). Total Daily Traffic in PCU's: 22,211 in both directions & peak hour traffic is 775 PCU's from Panvel to Uran and 984 PCU's from Uran to Panvel and 60% of the traffic plying on SH 54 is private vehicles. To have a good traffic operating speeds on SH54, there is a need for additional bridge. Further, new upcoming developments along SH 54 due to NMIA, traffic on this road is further expected to increase. People located in the upcoming developments at Vadghar use SH54 for travelling to Panvel market, bus depot, suburban station, etc. located in Panvel. The following two options are proposed to increase the overall capacity of SH54:

a) Option 1: A structural audit of the old bridge needs to done in order to assess its suitability for operating light vehicles. If it is found to be safe, it can be reopened for light vehicles only but with necessary maintenance & rehabilitation of the structure. Making use of existing functional 2 lane bridge for light as well as heavy vehicles.
b) Option 2: Building a new 2 lane bridge (demolishing the British era bridge)

Consultants suggest for CIDCO to have a joint discussion on the above options with Panvel City Municipal Corporation and implement accordingly.

Chapter 5

Growth Scenarios and Assessment of Planning Parameters for the Horizon Years 2021, 2026, 2031 and 2041

5 GROWTH SCENARIOS AND ASSESSMENT OF PLANNING PARAMETERS FOR THE HORIZON YEARS 2021, 2026, 2031 AND 2041

5.1 INTRODUCTION

Transport and land use are interconnected. The correlation between land use and transport exhibits a vicious circle as shown in Figure 5-1, which shows that as the land use change takes place on a piece of land, it will induce a demand based on type of land use (Residential Land use will produce trips while commercial, office or industrial land use will attract trips). The transport network will act as a supply to the demand to generate trips; therefore an increase in transport infrastructure will improve the interaction between trip generators. This signifies the importance of the distribution of population and employment to study future travel demand pattern.

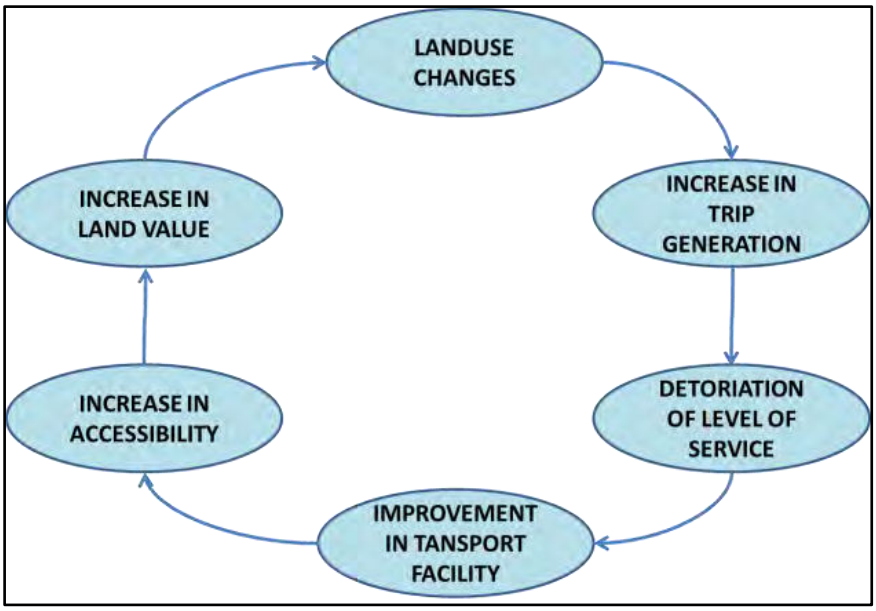


Figure 5-1: Land use and Transport Cycle

MMR is important for the nation as it includes mother city Greater Mumbai, which is the financial capital of the country and has major developments. However, due to land availability constrain in Greater Mumbai, it is important that the other ULB's and SPA's in the region are developed so that load of increase in population and employment in Greater Mumbai reduces and is spatially distributed in other regions. Taking this into consideration, it is important to thoroughly study upcoming developments in the region, so as to derive at the necessary demand it will induce and thereby providing the adequate transport network after studying the spatial interaction within the zone. For 'Updation of Comprehensive Transportation Study for Mumbai Metropolitan Region (MMR)' the planning parameters which will be on the demand side are in the form of Population, Employment and Resident Workers. The various horizon years taken in the study are 2021, 2026, 2031 and 2041. The horizon years are selected in such a way to analyse the scenarios for immediate actions (2017-2021), short-term (2022-2026), medium-term (2027-2031) and long-term (2032-41) for assessment of travel demand and development of transportation

strategies for MMR. The planning parameters need to be envisaged for various horizon years spatially, in order to study the interactions between the zones and provision of necessary transport network so as to enhance a proper level of service on transit and highway systems in various horizon years.

It is necessary to study the upcoming developments in the region so as to forecast the future horizon years planning parameters. For this, it is necessary to study the proposed landuse in the region. This exercise is further important for the NMIA for assessment of likely air passenger travel patterns (ground access/ egress) in the future and need for enhanced regional and local transport connectivity for NMIA. With respect to present study, analysis has been carried out for assessment of cumulative impact of all the developments and need for multi modal regional connectivity plan for NMIA.

CTS for MMR Updation study 2017-19 considered two alternative growth scenarios as forecasting for a single future is unrealistic and may lead to formulating transport strategies that are too rigid and would not be responsive to dynamic shifting pattern and priorities of urban growth and investments. There is little knowledge to reasonably define and model a single future for MMR with any degree of confidence. The two growth scenarios are Draft RP Scenario and CTS Updation Scenario. The process of forecasting ensures that the scenarios considered have equal totals for population, employment and resident workers at MMR level. However, there will be a change in spatial distribution of planning parameters in various clusters.

For estimation of planning parameters, various data sources were referred, such as draft regional plan 2016-2036, development plans of various ULB's, population census, employment census, satellite imagery, etc. The Draft Regional Plan acts as a guiding document for the development of region which has envisaged various developments for the next 20 years. The development plans within the region have to follow the guidelines prescribed by the draft regional plan. Description on major developments, planning parameters assessed at cluster level and TAZ level for the two alternative growth scenarios are presented in this chapter.

5.2 PROPOSED DEVELOPMENTS IN MMR

It is essential to study the various developments taking place at MMR level so as to envisage the locations where the growth will take place in future. The Draft Regional Plan has proposed several developments such as growth centers and industrial zones in MMR. Apart from the Draft Regional Plan, the various proposed growths in the region are taken after the inputs received from various stakeholders. The inputs of proposed developments will play an important role in the assessment of planning parameters and transport network.

5.2.1 Draft Regional Plan 2016-2036 Proposals

Draft Regional Plan has proposed 4 growth centres (Vasai, Kharbao, Nilje, Shedung) and 7 industrial zones (Virar, Angaon, Sanpe, Taloje, Khalapur, Khopta, Amba). Proposed growth centres will induce the population and employment growth in the region. Growth centres are proposed at locations that will be served by rail as well as road network. The railway lines Panvel-Diva-Vasai and Panvel-Karjat-Khopoli which are operated on occasional shuttle service after upgradation will create opportunities for proposed growth centres. The location of various growth centres as per the Draft Regional Plan 2016-2036 is presented in Table 5-1.

Table 5-1: Details of Proposed Growth Centres in MMR as per Draft RP 2016-36

Sl. No.	Location	District	Village Name	Area (sqkm)
1	Vasai	Palghar	Nalasopara, VVMC	6.18
2	Kharbao, Bhiwandi	Thane	Kharbav, Malodi, Paye, Paygaon, Nagle, TMC	13.08
3	Nilje, Kalyan	Thane	Bhopar, Sandap, Hedutane, Gharivali, Usarghar, Katai, Nilje, Kole	10.83
4	Shedung, Panvel	Raigad	Ajiwali, Barwai, Bhingar, Bhingarwadu, Borle, Khanavale, Mohope, Poyanje, Sangde, Shedung	5.77
Total Area				**35.86**

Proposed landuse various industrial areas have been identified in MMR which will induce the industrial employment in the region as shown in Table 5-2.

Table 5-2: Details of Proposed Industrial Areas in MMR

Sl. No.	Location	District	Village Name	Area (sqkm)
1	Virar	Thane	Bhatpada, Kopri, Vasai-Virar Municipal Corporation	12.48
2	Bhiwandi-1	Thane	Angaon, Nivali, Supegaon	4.09
3	Bhiwandi-2	Thane	Sape, Vahuli, Borivali Tarf Sonale, Bhoirgaon, Kukase, Amane	5.43
4	Taloje	Raigad	Chindharan, Mahodar, Kherane Kh., Nitalas, Vavanje	4.12
5	Khopoli	Raigad	Talawali, Anjrun, Ghodivali, Kandroli Tarf boreti, Kelavali, Khalapur, Mankivali, Navandhe, Wangani	8.39
6	Khopta	Raigad	Aware, Bandhpada, Dhasakhosi, Govthane, Jui, Kacherpada, Koproli, Pale, Pirkone, Sangpalekhar, Talbandkhar, Vindhane	10.85
7	Along Amba River	Raigad	Bahiramwatak, Beneghat, Borwe, Khar Borli, Kolave, Masad Kh, Masad Bk, Masad Beli, Narvel, Sarebhag, Shirki, Shirki Chawl No.1, Wadkhal, Wave, Washi, Dherand, Mankule, Narangi, Shahabaj, Shahapur	32.90
Total Area				**78.26**

The geographical location of various growth centers and proposed industrial zones in MMR region are shown in Figure 5-2.

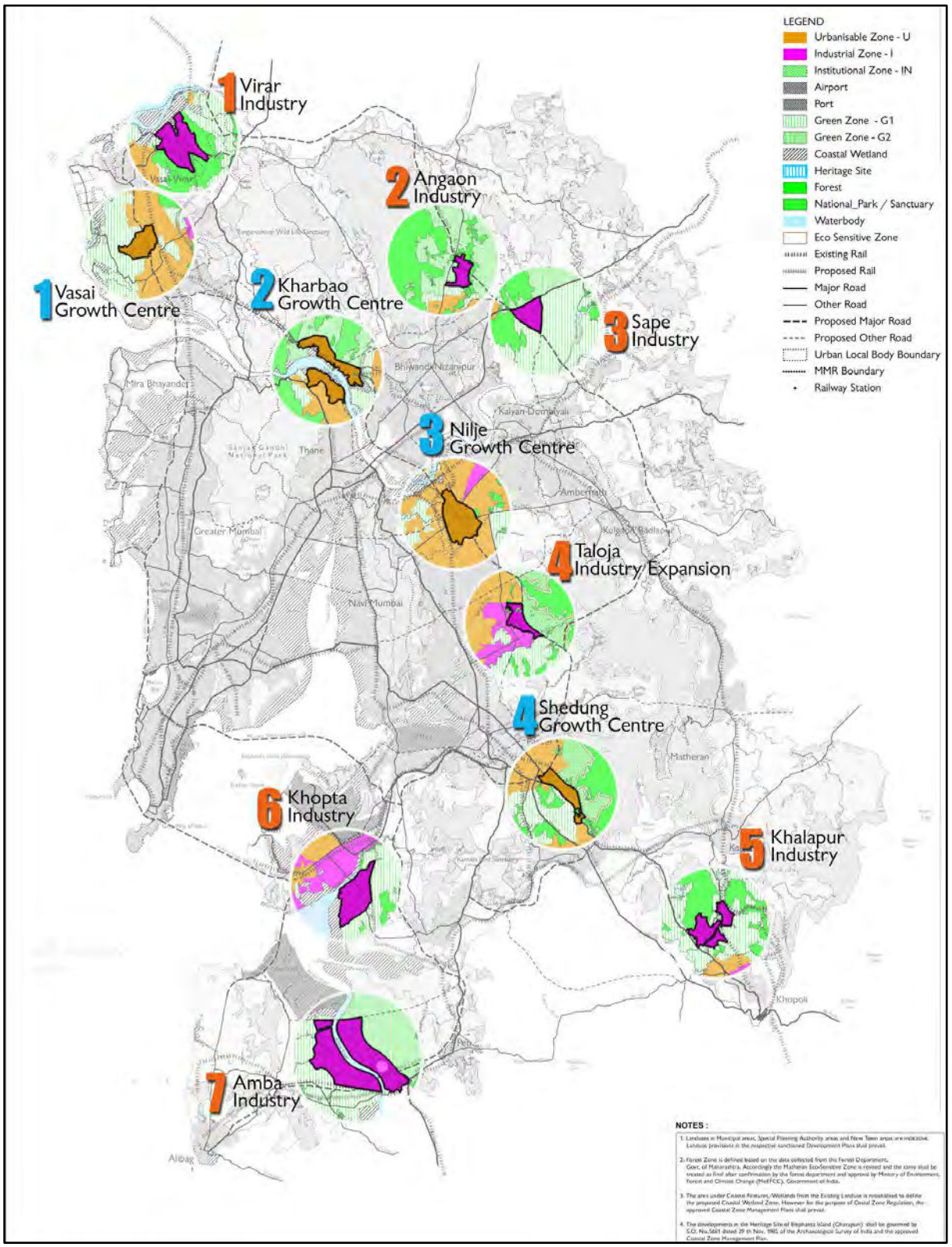


Figure 5-2: Growth Centers and Industrial Zones in MMR

5.2.2 Other Proposed Developments in MMR

Apart from the Draft Regional Plan, there are various developments occurring in MMR which will induce employment opportunities in MMR and to access those, the necessary transport network will be required. For the areas where the master plans are available, the employment projections are accepted. However,

for those developments whose employment is not forecasted by the respective authority, the employment is envisaged by the Consultants considering the built-up area, FSI assumptions and assuming employment per unit the specific development can cater. The various developments which are incorporated in the study are described in the following sections.

5.2.2.1 Master Plan for Wadala Notified Area

MMRDA is appointed as a SPA for the 'Wadala Notified Area'. The State Government has approved of a planning proposal prepared by MMRDA for Wadala and has also approved a global FSI of 4 for the same. Considering Mumbai's economic growth and the commercial potential of Wadala, this area (which also includes a multi-modal transport hub) is being envisaged as the future commercial area for Mumbai, after Nariman Point and the more recent Bandra Kurla Complex. The master plan for Wadala Notified area is shown in Figure 5-3.

Figure 5-3: Proposed Development Plan for Wadala Notified Area

Table 5-3: Proposed Development Plan for Wadala Notified Area

Sl. No	Particulars	Proposed Land Area (ha)	Proposed Land Area Distribution (sqm)	Proposed Land Area Distribution (%)
1.	Roads	41.85	4,18,523	26.74
2.	R.O.S	32.27	3,22,713	20.62
3.	Reserved Forest Zone	24.28	2,42,830	15.51
4.	Residential			
	a. Lodha New Cuffe Parade	10.10	1,01,000	
	b. Mathadi Kamgar Housing	5.96	59,600	
	c. Proposed Development	2.36	23,644	
	Total	18.42	1,84,244	11.77
5.	Commercial	10.46	1,04,643	6.69
6.	Mixed Use	4.75	47,537	3.04
7.	Social Amenities	1.88	18,772	1.20
8.	Public Utilities	3.40	34,001	2.17
9.	Multimodal Transportation	18.44	1,84,381	11.78
10.	Petrol Pump Reservation	0.21	2,062	0.13
11.	Rawali Channel	0.82	8,200	0.52

As shown in Table 5-3, the proposed commercial area is about 10.46 ha, with FSI 4, huge employment will be induced in the area. As per the master plan, approximately 1.15 lakh office jobs will be generated once Wadala Notified Area reaches its full development potential over the next thirty years, basis the projected FSI areas in the master plan. An additional 1.2 lakh jobs are predicted to be generated due to the mixed-use and transport related developments.

It is envisaged by the consultants that up to 2041, the basic employment induced in Wadala Notified Area will be 66,500, thereafter the employment will boost up, as the area reached the full development potential.

5.2.2.2 Master Plan for Development of Mumbai Port

The Government of Japan in 1996 had agreed to undertake a Study on the Master Plan for the development of Mumbai Port under the Technical Co-operation Programme of the Government of Japan. Japan International Co-operation Agency, the official agency responsible for the implementation of the Technical Co-operation Programmes of the Government of Japan was entrusted the task of undertaking the Study. The total project cost is about 21.5 billion. MMRDA has provided the consultants with the population and employment forecast of Mumbai Port Complex as mentioned in Table 5-4.

Table 5-4: Population and Employment projections of Mumbai Port Complex

Type	Particulars	Proportion	Part 1	Part 2	Part 3	Part 4	Total	Assumptions
A	Total Developable Area in m^2		35,38,600	1,30,600	3,90,900	9,37,200		This area is not final and may get revised based on additional information
B	FSI		1.33	1.33	1.33	1.33	1.33	Assumed
C	Total Floor Area		47,06,338	1,73,698	5,19,897	12,46,476	66,46,409	
D	Residential	75%	35,29,754	1,30,274	3,89,923	9,34,857	49,84,806	Assuming 75% of total floor area as residential
E	Commercial	8%	3,76,507	13,896	41,592	99,718	5,31,713	Assuming 8% of total floor area as retail commercial
F	Office	12%	5,64,761	20,844	62,388	1,49,577	7,97,569	Assuming 8% of total floor area as office commercial

Type	Particulars	Proportion	Part 1	Part 2	Part 3	Part 4	Total	Assumptions
G	Others	5%	2,35,317	8,685	25,995	62,324	3,32,320	
H	Estimated Residential Population	20m^2 pp	1,76,488	6,514	19,496	46,743	2,49,240	Assuming 20m^2 per capita
I	Residential Units	HH = 4	44,122	1,628	4,874	11,686	62,310	Assuming 4m^2 per HH
J	Estimated Commercial Employment	12.5m^2 pp	30,121	1,112	3,327	7,977	42,537	
K	Estimated Office Employment	12.5m^2 pp	45,181	1,668	4,991	11,966	63,806	

5.2.2.3 Other Proposed Developments

Apart from Wadala Notified Area, Master Plan for Mumbai Port and the growth centres and industrial centres proposed in Draft Regional Plan 2016-36, the other developments coming in the region include Corporate Park at Kharghar, Navi Mumbai SEZ, Navi Mumbai International Airport, IFSC, Reliance Convention Centre, Jio University and Knowledge Park as shown in Figure 5-4. The employment that will be induced in the specific areas is estimated on the basis of assuming the built-up area from total land allotted for development, FSI assumptions and total employment that the built-up area of a specific land use can attract per square meters.

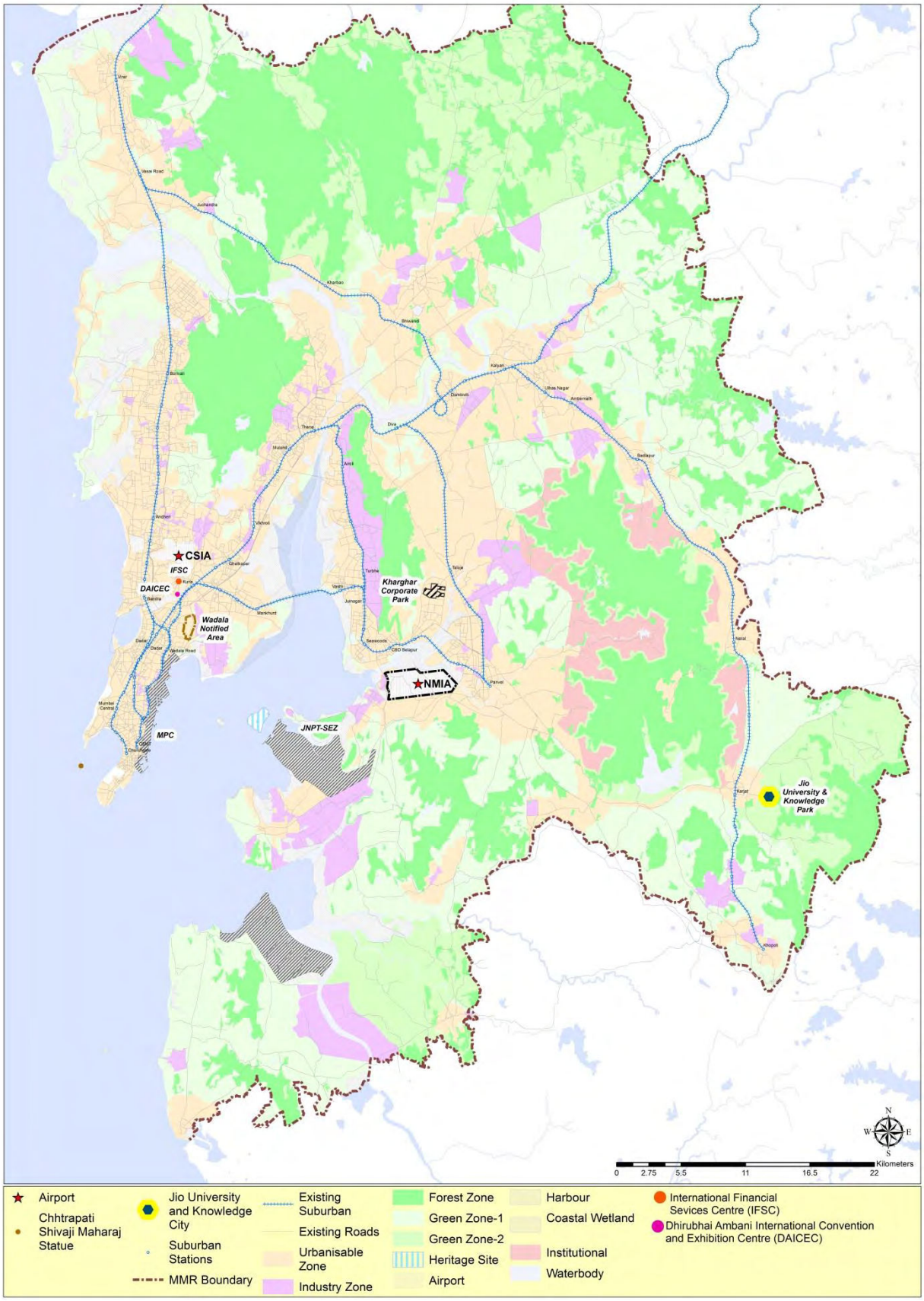


Figure 5-4: Various developments in MMR other than proposed by Draft Regional Plan 2016-36

5.3 METHODOLOGY FOR ASSESSMENT OF POPULATION AND EMPLOYMENT

The study area of 4,355 sqkm has been delineated into 19 clusters and 1,810 TAZ's. The clusters are formed such that it should include an entity like ULB/SPA for which the data is available and can be used suitably. The population and employment form ULB's and SPA areas is derived at cluster level and further at TAZ level.

5.3.1 Base Year Population Estimation

As per Draft Regional Plan 2016-2036, MMR region consists of 9 Municipal Corporations, 8 Municipal Councils, 7 Special Planning Authorities, where about 20.7 million out of 22.8 million people resided (MMR total population) in 2011. Therefore, nearly 94% of the MMR population was urban. Greater Mumbai had around 55% of the total population share in MMR in 2011, however as per the Draft Regional Plan it is expected to come down to 33% by 2041.

Based on the Draft Regional Plan projections, the base year (2017) projections were derived for each ULB from Compound Annual Growth Rate and the base year population in 2017 as follows:

$$\textbf{Population}_{2017} = \textbf{Population}_{2016} * (1+\textbf{CAGR}_{2016\text{-}2021})$$

The population for 2016 and 2021 are available in the Draft Regional Plan, the CAGR is calculated between this period, so as to obtain base year population (2017). The details of the same are presented in Report on "Review of earlier CTS Model and Assessment of Planning Parameters for 2017 based on Census 2011 and Economic Census 2013" submitted on 22nd January 2018.

5.3.2 Base Year Employment Estimation

At MMR level the total employment was derived from the workforce participation rate obtained from the Population census for various years. Looking at the past trends from the past 3 decades i.e. 1991, 2001, 2011 for e.g. calculating for 2021, the workforce participation rate is obtained from the previous 3-decade data at ULB level. The workforce participation rates for 2017 is obtained from CAGR between 2011 and 2021. It is assumed that the employment at MMR level is same as a that of the total resident workers. Therefore, the following considerations were taken:

a) The Economic census gives formal employment for 1998, 2005 and 2013. This is projected to get Total Formal Employment at MMR level in 2017;
b) Economic Census 2013 – provides distribution of Formal Employment available for ULB, Ward, SPA and Villages;
c) Total Formal Employment is distributed among ULB, SPA etc. in 2013 and 2017 assuming the same proportion as available in Economic census 2013;
d) Total Resident Worker = Total Employment at MMR in 2017;
e) Total Employment at MMR is distributed among ULBs and SPA etc. assuming proportion is same;
f) Total Employment to Formal Employment ratio was verified (HIS 2005, HIS 2017 and trend);
g) Taking above ratio and multiplying it with Formal Employment, Total Employment is assessed;
h) Self-Containment Ratio = Total Employment / Total Resident Worker;
i) At ULB, SPA level this factor was adjusted to match with wisdom-based assumption; and
j) The self-containment ratio multiplied by the Total Resident worker gives Total Employment at ULB level. It has to be ensured that at MMR level the Total Employment does not change;

Table 5-5: Population Projection at ULB/SPA level by Draft Regional Plan: 2016-36

Sl. No	Unit	Area (Sq.km)	Census Population			Projected Population						
			1,991	2,001	2,011	2016	2,021	2,031	2,041	2016	2026	2036
1	Greater Mumbai	437.71	99,25,891	1,19,78,450	1,24,42,373	1,26,13,358	1,27,86,692	1,19,09,633	1,06,37,526	1,26,13,358	1,23,40,373	1,12,55,622
2	Thane	128.23	8,03,389	12,62,551	18,41,488	20,28,972	22,35,545	27,54,594	32,41,091	20,28,972	24,81,535	29,87,957
3	Kalyan-Dombivali	56.14	8,36,602	10,76,316	12,47,327	13,09,265	13,74,279	14,38,698	14,54,440	13,09,265	14,06,120	14,46,548
4	Vasai - Virar City	319.39	3,71,910	6,95,482	12,22,390	15,43,698	19,49,462	28,79,076	40,09,449	15,43,698	23,69,103	33,97,574
5	Navi Mumbai	108.63	3,07,724	6,67,611	11,20,547	13,81,530	17,03,298	23,88,289	31,96,202	13,81,530	20,16,920	27,62,870
6	Mira-Bhayander	79.4	1,75,605	5,20,388	8,09,378	10,10,540	12,61,700	17,13,009	22,86,565	10,10,540	14,70,137	19,79,118
7	Bhiwandi-Nizampur	26.41	3,79,070	5,98,741	7,09,665	7,68,350	8,31,887	8,90,082	9,40,743	7,68,350	8,60,493	9,15,062
8	Ulhasnagar	13	3,69,077	4,73,731	5,06,098	5,19,556	5,33,372	5,05,158	4,59,251	5,19,556	5,19,073	4,81,658
A	**Municipal Corporations**	**1168.91**	**1,31,69,268**	**1,72,73,270**	**1,98,99,266**	**2,11,75,269**	**2,26,76,233**	**2,44,78,538**	**2,62,25,266**	**2,11,75,269**	**2,34,63,754**	**2,52,26,408**
9	Ambernath	38	1,25,801	2,03,804	2,53,475	2,91,381	3,34,956	4,03,140	4,91,858	2,91,381	3,67,470	4,45,295
10	Kulgaon-Badlapur	36.05	52,154	97,948	1,74,226	2,20,062	2,77,956	4,11,412	5,72,888	2,20,062	3,38,163	4,85,482
11	Panvel	12.17	58,986	1,04,058	1,80,020	2,24,942	2,81,074	4,11,568	5,68,241	2,24,942	3,40,119	4,83,601
12	Khopoli	30.17	45,039	58,664	71,141	74,577	78,179	82,997	87,078	74,577	80,552	85,013
13	Pen	9.82	21,588	30,201	37,852	42,003	46,610	54,924	63,957	42,003	50,597	59,268
14	Uran	2.29	17,775	23,251	30,439	34,984	40,207	51,904	66,017	34,984	45,682	58,537
15	Karjat	7.5	20,204	25,531	29,663	31,963	34,441	38,483	42,938	31,963	36,406	40,649
16	Alibag	1.81	16,289	19,496	20,743	22,062	23,466	25,087	27,540	22,062	24,263	26,285
17	Matheran	7.24	4,708	5,139	4,393	3,244	2,395	2,238	1,680	3,244	2,315	1,939
B	**Municipal Councils**	**145.05**	**3,62,544**	**5,68,092**	**8,01,952**	**9,45,217**	**11,19,283**	**14,81,751**	**19,22,196**	**9,45,217**	**12,85,566**	**16,86,069**
18	Navi Mumbai NT (56)	236.09	1,54,837	2,36,592	4,49,485	5,69,767	7,22,237	11,08,307	15,67,600	5,69,767	8,94,684	13,18,098
19	NAINA & MSRDC (270)	725.8	2,31,610	3,14,854	3,49,351	3,71,365	3,94,767	4,15,789	4,38,904	3,71,365	4,05,142	4,27,190
20	Kalyan 27 Villages (26)	48.43		1,17,196	2,71,435	3,13,316	3,61,659	3,87,868	3,50,072	3,13,316	3,74,534	3,68,486
21	BSNA (61)	156.2	1,18,342	1,84,493	2,44,163	2,80,912	3,23,192	4,02,200	4,95,721	2,80,912	3,60,538	4,46,519
22	AKBSNA (58)	138.06	41,906	81,293	1,05,731	1,26,234	1,50,713	1,89,619	2,42,414	1,26,234	1,69,051	2,14,398
23	VVSNA (24)	64.23	35,009	62,857	77,138	82,065	87,307	96,348	1,02,022	82,065	91,716	99,144
24	Khopta (33)	98.12	41,740	47,672	54,230	57,599	61,176	68,690	76,635	57,599	64,824	72,554
C	**SPA Areas**	**1,466.93**	**6,23,444**	**10,44,957**	**15,51,533**	**18,01,258**	**21,01,051**	**26,68,820**	**32,73,369**	**18,01,258**	**23,60,489**	**29,46,388**
25	Thane District	22.74	16,944	28,117	35,957	41,264	47,354	57,139	69,190	41,264	52,017	62,877
26	Raigad District	17.06	17,416	27,262	34,503	38,928	43,920	51,928	61,215	38,928	47,756	56,380
D	**Census Town**	**39.8**	**34,360**	**55,379**	**70,460**	**80,194**	**91,274**	**1,09,067**	**1,30,405**	**80,194**	**99,775**	**1,19,260**
	Urban MMR (A+B+C+D)	**2820.69**	**1,41,89,616**	**1,89,41,698**	**2,23,23,211**	**2,40,01,939**	**2,59,87,841**	**2,87,38,175**	**3,15,51,236**	**2,40,01,939**	**2,72,09,583**	**2,99,78,124**
27	Thane District Rural	911.94	2,01,962	2,34,614	2,71,553	2,82,651	2,94,202	3,16,494	3,27,980	2,82,651	3,05,145	3,22,186
28	Raigad District Rural	520.85	1,61,110	1,89,157	2,09,591	2,23,075	2,37,426	2,61,402	2,89,964	2,23,075	2,49,126	2,75,313
E	**Rural (MMR)**	**1432.79**	**3,63,072**	**4,23,771**	**4,81,144**	**5,05,726**	**5,31,629**	**5,77,896**	**6,17,944**	**5,05,726**	**5,54,271**	**5,97,499**
F	**Total (MMR)**	**4253.48**	**1,45,52,688**	**1,93,65,469**	**2,28,04,355**	**2,45,07,665**	**2,65,19,469**	**2,93,16,072**	**3,21,69,179**	**2,45,07,665**	**2,77,63,853**	**3,05,75,623**

5.4 ALTERNATIVE GROWTH SCENARIOS

In 'Updation of Comprehensive Transport Study for Mumbai Metropolitan Region (MMR)' two alternative growth scenarios are developed, as forecasting for a single future is unrealistic and may lead to formulating transport strategies that are too rigid and would not be responsive to dynamic shifting pattern and priorities of urban growth and investments. There is little knowledge to reasonably define and model a single future for MMR with any degree of confidence. The present study looks at two growth scenarios namely the Draft RP Scenario and CTS Updation Scenario. The process of forecasting ensures that the scenarios considered have equal totals for population, employment and resident workers at MMR level. However, there will be a change in spatial distribution of planning parameters in various clusters.

The process of forecasting begins with the population projections for both scenarios each of which is explained individually in the fore coming sections; resident workers are projected on the basis of workforce participation rates obtained from census data. Next step was to prepare the forecasts for employment distribution in different clusters, as the total employment at MMR level for different horizon years in known, the incremental employment between two successive years has to be distributed in various clusters. For projection of employment at each cluster it is necessary to project basic and service employment. ***Basic Employment***[15] is defined as that employment which is associated with industries whose products are largely used outside the region[16], whereas the products of the ***Service Employment*** are consumed within the region. As shown in Table 5-6, basic employment for various horizon years is envisaged for various growth proposals and is incorporated in specific clusters in various horizon years.

Table 5-6: Basic Employment Envisaged in Various Proposed Developments in various Horizon Years

Sl.No.	Proposed Developments	Basic Employment - Incremental			
		2021	2026	2031	2041
1	Amba Proposed Regional Industry	-	-	10,145	20,290
2	Angaon Proposed Regional Industry	-	-	11,779	11,779
3	Khalapur Proposed Regional Industry	-	-	23,120	32,368
4	Khopta Proposed Regional Industry	-	8,249	32,995	41,244
5	Sape Proposed Regional Industry	-	2,398	9,590	11,988
6	Taloja Proposed Regional Industry	7,927	3,171	12,683	15,854
7	Virar Proposed Regional Industry	-	-	-	15,656
8	Kharbav	-	11,779	11,779	47,117
9	Nilje	-	23,120	23,120	46,241
10	Shedung	-	8,249	32,995	41,244
11	JIO University	-	1,500	6,000	7,500
12	Knowledge Park	-	1,500	6,000	7,500
13	Corporate Park- Kharghar	-	10,800	32,400	64,800
14	NM SEZ	-	-	63,456	95,184
15	JNPT-SEZ	-	-	4,000	6,000
16	NMIA -Inside	-	6,600	26,400	33,000
17	NMIA -Related Outside	-	10,000	40,000	50,000
18	MPC	-	10,634	15,951	79,757
19	Wadala Notified Area	-	6,651	13,302	46,556
20	IFSC (BKC)	-	51,250	51,250	102,500
21	Dhirubhai Ambani International Convention and Execution Centre	-	3,000	-	-

Note: The Growth Centre in Vasai has been assumed to develop post 2041

[15] Source: CE -751, SLD, Class Notes, Fall 2006, IIT Bombay;

[16] In this definition, region implies to place of production

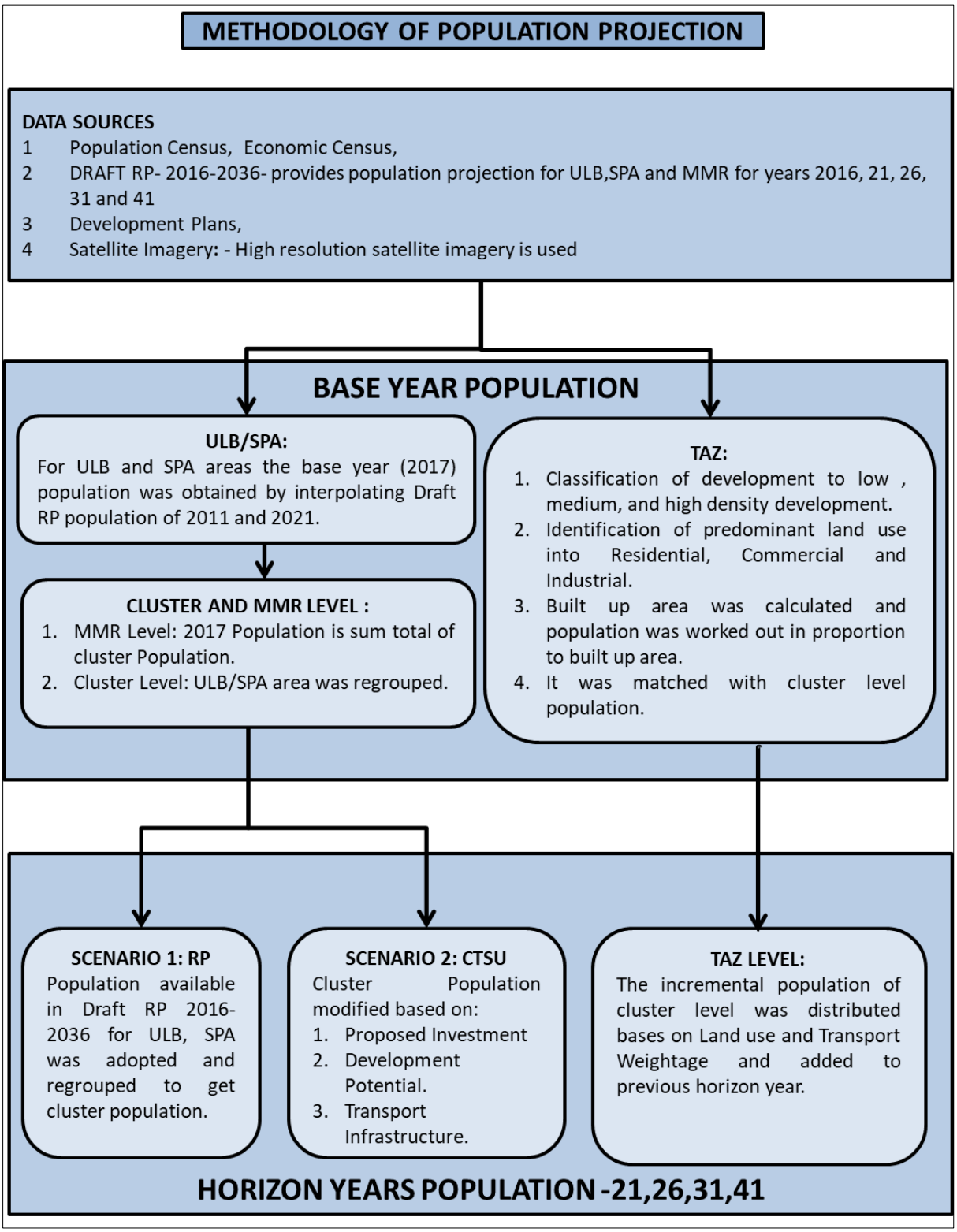


Figure 5-5: Population projection methodology

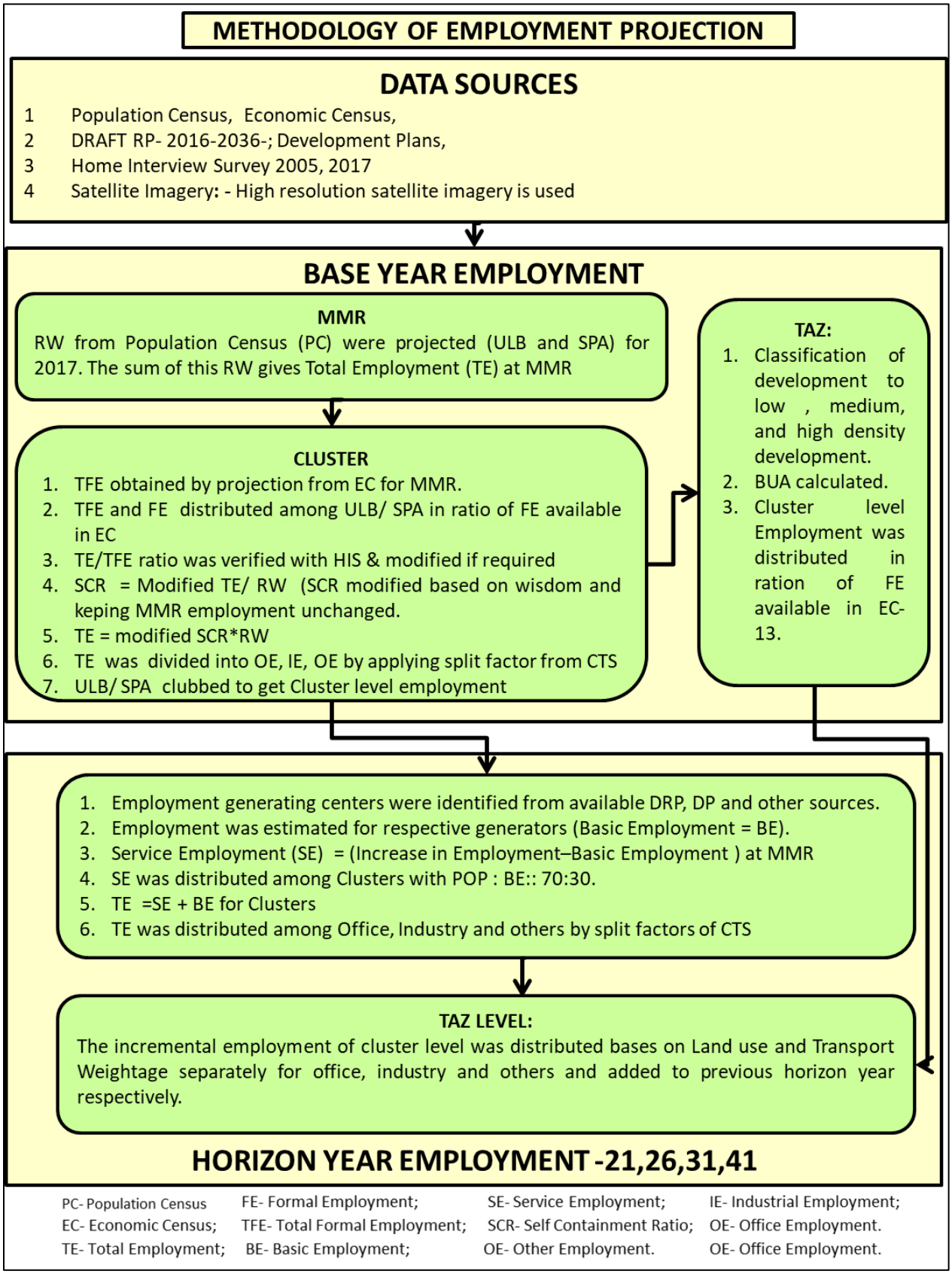


Figure 5-6: Employment projection methodology

5.4.1 Draft RP Scenario

The Draft Regional Plan 2016-36 provides the population for various horizon years. The same values are accepted in this scenario and the population for 2021, 2026, 2031 and 2041 is taken as a starting point.

The census provides data of Work Force Participation Rates, for various years. From census data of 1991, 2001, 2011 the workforce participation rates for various horizon years is available. For 2021, the workforce participation rate is obtained from the previous 3-decade data at ULB level. A similar procedure is adopted for 2031 and 2041. The workforce participation rates for 2017 are obtained from CAGR between 2011 and 2021, while for 2026 from horizon years 2021 and 2031. When the workforce participation rate is multiplied with the population of respective ULB's and SPA's the residential workers are obtained. Further, the resident workers are split into office, industry and others based on the Household Samples collected.

The population and resident workers at ULB/SPA level are centralised to cluster level. In 'Updation of Comprehensive Transportation Study for Mumbai Metropolitan Region (MMR)', 19 clusters are formed from ULB's and SPA's. If the cluster and ULB/SPA boundaries match, the same value is accepted. However, if the cluster and ULB/SPA do not match, the cluster level population and resident workers are calculated based on the built-up area share of ULB falling in a particular cluster. The cluster-wise planning parameters i.e. Population, Resident Workers and Employment as per DRP scenarios are as shown in Table 5-7, Table 5-8 and Table 5-9 respectively.

As per the DRP scenario, the population will increase by 7.29 million in MMR during the period 2017 to 2041. As shown in Table 5-7, population of Greater Mumbai in 2017 is 12.64 million (50% share of MMR Population) which will be 10.64 million (33% share of MMR population) in 2041, which shows that the Population from Mumbai will shift to other ULB's due to land availability constrain in Greater Mumbai and landuse and transport network proposals will induce population in other places in the region.

Table 5-7: Cluster Wise Population in MMR as per DRP scenario

Cl.No.	Cluster Name	2017	2021	2026	2031	2041
1	Island City	2.90	2.89	2.71	2.44	1.95
2	Western Suburbs	5.75	5.84	5.68	5.59	5.13
3	Eastern Suburbs	3.99	4.05	3.95	3.88	3.56
4	Thane M. Corp	2.07	2.24	2.48	2.75	3.24
5	NMMC (NM-N)	1.44	1.70	2.02	2.39	3.20
6	KDMC, AKBSNA, UMC, KBMC, AMC	2.81	3.01	3.15	3.30	3.53
7	VVMC, VVSNA	1.70	2.04	2.46	2.98	4.11
8	Uran+NM-S	0.22	0.29	0.39	0.53	0.85
9	Pen, NAINA Part -2	0.13	0.13	0.14	0.14	0.14
10	BNMC, BSNA	1.07	1.16	1.22	1.29	1.44
11	MBMC	1.06	1.26	1.47	1.71	2.29
12	NAINA Part -1 (near Panvel)	0.23	0.24	0.25	0.27	0.29
13	MSRDC	0.06	0.07	0.07	0.07	0.07
14	PMC+ NM-E	0.67	0.78	0.91	1.07	1.39
15	Khopta	0.06	0.06	0.06	0.07	0.08
16	Kharbao TAZ	0.02	0.02	0.04	0.04	0.10
17	Rest of MMR	0.24	0.27	0.28	0.29	0.29
18	Matheran, Karjat, Khopoli, Rural MMR	0.30	0.30	0.31	0.33	0.34
19	Alibag M.Cl, Rural MMR	0.16	0.16	0.17	0.17	0.18
Total		**24.88**	**26.52**	**27.76**	**29.32**	**32.17**

It can be seen from Table 5-8 that, the resident workers in MMR will increase by 4.67 million from 2017 to 2041, however in Greater Mumbai in 2041 will accommodate 5.20 million Resident Workers compared to 5.31 in 2017, indicating that with various developments boosting within MMR can induce shift of

resident workers to the areas with developed growths, so that the trip lengths of commute can be reduced.

Table 5-8: Cluster Wise Residential Workers in MMR as per DRP scenario

Cl.No.	Cluster Name	2017	2021	2026	2031	2041
1	Island City	1.25	1.25	1.21	1.13	0.95
2	Western Suburbs	2.46	2.52	2.53	2.58	2.51
3	Eastern Suburbs	1.60	1.75	1.76	1.79	1.74
4	Thane M. Corp	0.81	0.90	1.04	1.21	1.52
5	NMMC (NM-N)	0.61	0.75	0.91	1.12	1.60
6	KDMC, AKBSNA, UMC, KBMC, AMC	1.09	1.19	1.28	1.39	1.54
7	VVMC, VVSNA	0.70	0.86	1.09	1.38	2.02
8	Uran+NM-S	0.09	0.11	0.15	0.19	0.30
9	Pen, NAINA Part -2	0.05	0.05	0.05	0.05	0.05
10	BNMC, BSNA	0.45	0.48	0.51	0.54	0.60
11	MBMC	0.43	0.53	0.63	0.75	1.07
12	NAINA Part -1 (near Panvel)	0.09	0.09	0.09	0.09	0.10
13	MSRDC	0.02	0.02	0.02	0.02	0.02
14	PMC+ NM-E	0.26	0.30	0.36	0.42	0.54
15	Khopta	0.02	0.02	0.02	0.02	0.02
16	Kharbao TAZ	0.01	0.01	0.02	0.02	0.03
17	Rest of MMR	0.09	0.11	0.10	0.11	0.10
18	Matheran, Karjat, Khopoli, Rural MMR	0.11	0.12	0.12	0.12	0.13
19	Alibag M.Cl, Rural MMR	0.07	0.07	0.07	0.07	0.07
Total		**10.24**	**11.13**	**11.97**	**12.99**	**14.91**

Total Cluster-wise employment in MMR is shown in Table 5-9. It can be seen that the employment in Greater Mumbai in 2017 was 6.84 million (66% of Total MMR employment) which will be 6.83 million in 2041 (48% of Total MMR employment).

Table 5-9: Cluster Wise Employment in MMR as DRP scenario

Cl.No.	Cluster Name	E_2017	E_2021	E_2026	E_2031	E_2041
1	Island City	2.66	2.73	2.70	2.67	2.71
2	Western Suburbs	2.60	2.70	2.76	2.81	2.83
3	Eastern Suburbs	1.58	1.65	1.61	1.59	1.50
4	Thane M. Corp	0.52	0.59	0.69	0.76	0.90
5	NMMC (NM-N)	0.61	0.73	0.85	0.95	1.17
6	KDMC, AKBSNA, UMC, KBMC, AMC	0.70	0.79	0.90	0.97	1.10
7	VVMC, VVSNA	0.26	0.39	0.55	0.69	1.03
8	Uran+NM-S	0.05	0.08	0.16	0.39	0.74
9	Pen, NAINA Part -2	0.04	0.04	0.04	0.05	0.07
10	BNMC, BSNA	0.55	0.60	0.63	0.65	0.69
11	MBMC	0.21	0.29	0.37	0.43	0.60
12	NAINA Part -1 (near Panvel)	0.05	0.06	0.07	0.13	0.22
13	MSRDC	0.02	0.02	0.03	0.05	0.08
14	PMC+ NM-E	0.16	0.21	0.29	0.40	0.60
15	Khopta	0.01	0.01	0.04	0.08	0.14
16	Kharbao TAZ	0.01	0.01	0.04	0.06	0.14
17	Rest of MMR	0.07	0.09	0.09	0.13	0.16
18	Matheran, Karjat, Khopoli, Rural MMR	0.08	0.08	0.09	0.12	0.14
19	Alibag M.Cl, Rural MMR	0.05	0.06	0.06	0.07	0.08
Total		**10.24**	**11.13**	**11.97**	**12.99**	**14.91**

5.4.2 CTSU Scenario

As it is uncertain to predict the future, one scenario is not sufficient to forecast the planning parameters in the region for various horizon years. Therefore, the CTS Updation scenario is developed by the

Consultants so that two possibilities can be considered. The need to consider a different scenario was anticipated by the Consultants as the Draft RP Scenario had made projections using past trends and mathematical tools and not actually considering the input from proposed transportation networks, as to the role they have played in the history of MMR. Earlier, due to the affordability issues in Greater Mumbai, it was expected that the population will now push into the regions beyond Greater Mumbai; Navi Mumbai looked the best possible destination back then. It was seen that the role of transportation infrastructure was such that the extension of the Western Line up to Virar led to better and direct access to the employment areas within Greater Mumbai, people found it convenient to shift in the sprawl areas of Vasai Virar region and still have their jobs located in Greater Mumbai. The transport network thus plays a major role in allocation of population and employment activities for the future. The Consultants then adopted a methodology to use transport network as an input that would lead to appropriate distribution of the activities within MMR.

The basic assumption in the CTSU scenario was that the planning parameters such as Population, Resident Workers and Employment will remain same at MMR level as in DRP scenario, only the cluster-wise variation will take place. The spatial distribution of Population at the 19-cluster level is shown in Table 5-10. The population in various years is projected taking into consideration the population density in 2017, land available for development, developed area from the Proposed Landuse as per the Draft Regional Plan 2016-36 and updated Development plans from various jurisdictions within MMR. The holding capacity of a specific cluster was determined by capping densities based on existing prevailing densities within that cluster. The other parameters used to determine the population changes in various years are the length of the transit network and length of the road network, as better the connectivity more will be the population induced in a specific area.

Table 5-10: Cluster Wise Population Distribution as per the CTSU scenario

Cl.No.	Cluster Name	2017	2021	2026	2031	2041
1.	Island City	2.90	2.85	2.73	2.62	2.43
2.	Western Suburbs	5.75	5.95	6.01	6.10	6.12
3.	Eastern Suburbs	3.99	4.18	4.25	4.33	4.24
4.	Thane M. Corp	2.07	2.39	2.56	2.75	3.21
5.	NMMC (NM-N)	1.44	1.56	1.68	1.81	1.99
6.	KDMC, AKBSNA, UMC, KBMC, AMC	2.81	3.08	3.23	3.41	3.53
7.	VVMC, VVSNA	1.70	1.88	2.12	2.40	3.01
8.	Uran+NM-S	0.22	0.37	0.50	0.68	1.15
9.	Pen, NAINA Part -2	0.13	0.15	0.17	0.19	0.28
10.	BNMC, BSNA	1.07	1.16	1.23	1.30	1.44
11.	MBMC	1.06	1.09	1.20	1.34	1.55
12.	NAINA Part -1 (near Panvel)	0.23	0.25	0.28	0.30	0.49
13.	MSRDC	0.06	0.06	0.07	0.08	0.17
14.	PMC+ NM-E	0.67	0.78	0.91	1.06	1.21
15.	Khopta	0.06	0.06	0.09	0.12	0.38
16.	Kharbao TAZ	0.02	0.02	0.03	0.04	0.10
17.	Rest of MMR	0.24	0.24	0.26	0.28	0.32
18.	Matheran, Karjat, Khopoli, Rural MMR	0.30	0.30	0.32	0.34	0.39
19.	Alibag M.Cl, Rural MMR	0.16	0.14	0.14	0.15	0.16
Total		**24.88**	**26.52**	**27.76**	**29.32**	**32.17**

The reasons for deviation in population in the CTSU scenario from DRP scenario are due to the following reasons:

a) **Island City:** The area available for development is 0.65 sqkm which is only 1% of the total developed area (60.69 sqkm). The average density in island city is high (47,817 persons/sqkm). The holding capacity in this cluster is 2.97 million, while the estimated population in 2041 is 2.43 million. The cluster is proposed to have high investments as metro connectivity will increase with the on-going constructions of metro corridors, proposed developments like Wadala Notified Area and Development of MbPT will trigger the population base of the cluster.

b) **Western Suburbs:** The area available for development is 11.76 sqkm which is about 9% of the total developed area (113.6 sqkm). The average density is high (50,739 persons/sqkm). The holding capacity in this cluster is 6.35 million, while the estimated population in 2041 is 6.12 million. Similar to the Island City cluster, the Western Suburbs will also undergo a positive growth in population and employment activities.

c) **Eastern Suburbs:** The area available for development is 7.89 sqkm which is 9% of the total developed area (78.2 sqkm). The average density is high (51,076 persons/sqkm). The holding capacity in this cluster is 4.4 million, while the estimated population in 2041 is 4.24 million. It is anticipated that due to more land availability in the eastern suburbs, there will be a shift from the Island city and Western Suburbs just like it happened in the past.

d) **Thane:** The area available for development is 16.25 sqkm which is 40% of the total developed area (39.96 sqkm). The holding capacity in this cluster is 2.91 million, while the estimated population in 2041 is 3.21 million, while DRP projects 3.24 million. Thane has seen massive development along the Ghodbunder road and its surrounding vicinity in the previous decade. The proposed metro line will be a further value addition to these areas and attract more activities. Thane Municipal Corporation is well connected with Greater Mumbai, Navi Mumbai, Kalyan, Bhiwandi and Mira Bhayander and also the proposed growth centre of Kharbao. The proposed Mumbai-Ahmedabad Bullet Train will also have one stop within the corporation limits and will increase the attractiveness of the cluster.

e) **Navi Mumbai Municipal Corporation (NMMC):** The area available for development is 4.34 sqkm. The average density is medium (26,600 persons/sqkm). The holding capacity in this cluster is 1.48 million, however as it is well connected with Mumbai and Thane, it has potential to grow with a density of Mumbai which will increase its holding capacity to 2.79 million. The estimated population in 2041 in CTSU scenario is 1.99 million, while DRP projections are as high as 3.20 million. Therefore, NMMC will not have a population as high as projected even if it is assumed to grow with the density of Mumbai.

f) **KDMC, AKBSNA, UMC, KBMC, AMC:** The developable area is 79.11 sqkm. It has a moderate density of 33,581 persons/ sqkm. Due to the development of suburban connectivity (Vasai-Diva-Panvel Line) and Nilje Growth Center, the area will get the impetus for development. The population projected by CTS and DRP scenario are 3.53 million in both scenarios. Therefore no deviation in both scenarios.

g) **VVMC and VVSNA:** The area available for development is 26.38 sqkm. The average density is medium (44,490 persons/sqkm). The holding capacity in this cluster is 2.8 million. The estimated population in 2041 in CTSU scenario is 3.01 million which can be achieved with densification.

h) **Uran + NM-S:** The land available for development is 68.50 sqkm, with a low density of 8,787 persons/ sqkm. The holding capacity is 0.87 million, the base year population is just 0.22 million, however, the upcoming infrastructure like Navi Mumbai International Airport, MTHL, NM-SEZ, Multimodal Corridor will induce the population in this cluster and re-densification will occur. CTSU scenario has projected the population in 2041 as 1.15 compared to 0.85 in DRP projections.

i) **Pen, NAINA part 2:** The area available for development is 16.35 sqkm with a density of 21,512 persons/sqkm. DRP and CTSU projections for 2041 is 0.14 and 0.28 million. Due to developments such as NMIIA, JNPT doubling and Amba Industrial Area the population will shoot up.

j) **BNMC, BSNA:** The area available for development is 79.11 sqkm with a moderate density of 33,581 people/sqkm. It will have good connectivity with Thane and Kalyan as the metro line is proposed. The population projected by CTSU and DRP scenario is same, i.e. 1.44 million.

k) **MBMC:** The area available for development is 4.74 sqkm with the highest density in MMR of 56,125 people/sqkm. It has a holding capacity of 1.23 million. The population projected by CTSU and DRP are 1.55 and 2.29 million respectively.

l) **NAINA part-1 (near Panvel):** The land available for development is 113.34 sqkm with low density 5,348 persons/sqkm. The population in DRP and CTSU is 0.29 and 0.49 million respectively. CTSU scenario has projected the population in NAINA to grow as it has Shedung and Khalapur Industrial area proposed, the cluster will also be influenced by the Spine corridor.

m) **MSRDC:** The area available for development is 14.49 sqkm with low density 5,348 persons/sqkm. It is well connected as it has Mumbai Pune expressway passing through it. The population projection by DRP and CTSU in 2041 are 0.07 and 0.17 million respectively.

n) **PMC+NM-E:** The area available for development is 41.35 sqkm with low density 16,250 persons/sqkm. It is well connected to Mumbai, Thane, Vasai, Kalyan with the suburban railway. Corporate Park is coming in Kharghar. The population projection in 2041 in DRP and CTSU is 1.39 and 1.21 million respectively. It is projected to have high growth in the beginning and will slow down gradually.

o) **Khopta:** The area available for development is 17.20 sqkm with low density 24,650 persons/sqkm. The Khopta industrial zone is proposed in this cluster, apart from this due to metro line Mumbai- Uran-Jite and Uran and Vadkhal radial road the population will boost in this cluster. Therefore, there is an increase in the CTSU population 0.38 as compared to the DRP population 0.08 in 2041.

p) **Kharbao:** Due to the upcoming development of Kharbhao growth centre, the population in this cluster is expected to increase from 0.02 million in 2017 to 0.10 million in 2041. The population is the same in both scenarios.

q) **Rest of MMR:** The DRP and CTSU population in this cluster are 0.29 and 0.32 million in 2041 respectively. This cluster will continue to exhibit rural character. The increase in population in 2041 in CTSU by 0.03 million compared to DRP scenario may be due to two proposed industrial zones: Angaon and Sanpe.

r) **Matheran, Karjat, Khopoli, Rural MMR:** The DRP and CTSU population in this cluster are 0.34 and 0.39 million in 2041 respectively. This cluster will continue to exhibit rural character. The increase in population in 2041 in CTSU by 0.05 million compared to DRP scenario may be due to proposed Khalapur Industrial Area.

s) **Alibag Municipal Council, Rural MMR:** The DRP and CTSU population in this cluster are 0.18 and 0.16 million in 2041 respectively. This cluster will continue to exhibit rural character. The increase in population in 2041 in CTSU by 0.02 million compared to DRP scenario may be due to proposed Amba Industrial Area.

On the basis of workforce participation rates adopted in DRP scenario, the same was assumed for forecasting the resident workers in the CTSU scenario form the cluster-wise population as projected in the CTSU scenario. Further, the resident workers were split into office, industry and others with a similar procedure as adopted in DRP scenario. The cluster-wise distribution of resident workers is as shown in Table 5-11.

Table 5-11: Cluster Wise Resident Workers Distribution as per CTSU Scenario

Cl. No.	Cluster Name	2017	2021	2026	2031	2041
1.	Island City	1.25	1.23	1.22	1.21	1.20
2.	Western Suburbs	2.46	2.57	2.68	2.82	3.03
3.	Eastern Suburbs	1.60	1.81	1.90	2.00	2.10
4..	Thane M. Corp	0.81	0.96	1.08	1.22	1.52
5.	NMMC (NM-N)	0.61	0.69	0.76	0.85	1.00
6.	KDMC, AKBSNA, UMC, KBMC, AMC	1.09	1.22	1.32	1.43	1.56
7.	VVMC, VVSNA	0.70	0.80	0.94	1.11	1.50
8.	Uran+NM-S	0.09	0.14	0.19	0.25	0.40
9.	Pen, NAINA Part -2	0.05	0.05	0.06	0.07	0.11
10.	BNMC, BSNA	0.45	0.48	0.51	0.54	0.60
11.	MBMC	0.43	0.46	0.52	0.59	0.73
12.	NAINA Part -1 (near Panvel)	0.09	0.10	0.10	0.10	0.16
13.	MSRDC	0.02	0.02	0.03	0.03	0.06
14.	PMC+ NM-E	0.26	0.30	0.35	0.41	0.47
15.	Khopta	0.02	0.02	0.03	0.04	0.12
16.	Kharbao TAZ	0.01	0.01	0.01	0.02	0.03
17.	Rest of MMR	0.09	0.09	0.10	0.10	0.11
18.	Matheran, Karjat, Khopoli, Rural MMR	0.11	0.11	0.12	0.13	0.15
19.	Alibag M.Cl, Rural MMR	0.07	0.05	0.06	0.06	0.06
Total		**10.24**	**11.13**	**11.97**	**12.99**	**14.91**

The cluster-wise employment is forecasted on the basic of the new incremental population obtained between two subsequent horizon years and the incremental basic employment. Further, the employment is split into office, industry and others employment. The cluster-wise employment distribution is as shown in Table 5-12.

Table 5-12: Cluster Wise Employment Distribution as per CTSU Scenario

Cl. No.	Cluster Name	E_2017	E_2021	E_2026	E_2031	E_2041
1.	Island City	2.66	2.71	2.71	2.72	2.85
2.	Western Suburbs	2.60	2.75	2.89	2.99	3.14
3.	Eastern Suburbs	1.58	1.70	1.72	1.74	1.72
4.	Thane M. Corp	0.52	0.65	0.72	0.77	0.89
5.	NMMC (NM-N)	0.61	0.67	0.72	0.75	0.80
6.	KDMC, AKBSNA, UMC, KBMC, AMC	0.70	0.82	0.93	1.01	1.11
7.	VVMC, VVSNA	0.26	0.33	0.42	0.50	0.69
8.	Uran+NM-S	0.05	0.11	0.20	0.44	0.83
9.	Pen, NAINA Part -2	0.04	0.05	0.06	0.07	0.11
10.	BNMC, BSNA	0.55	0.60	0.63	0.65	0.69
11.	MBMC	0.21	0.22	0.27	0.30	0.36
12.	NAINA Part -1 (near Panvel)	0.05	0.06	0.08	0.14	0.27
13.	MSRDC	0.02	0.01	0.03	0.05	0.11
14.	PMC+ NM-E	0.16	0.21	0.29	0.39	0.55
15.	Khopta	0.01	0.02	0.04	0.10	0.23
16.	Kharbao TAZ	0.01	0.01	0.04	0.06	0.14
17.	Rest of MMR	0.07	0.07	0.09	0.12	0.17
18.	Matheran, Karjat, Khopoli, Rural MMR	0.08	0.08	0.10	0.12	0.16
19.	Alibag M.Cl, Rural MMR	0.05	0.05	0.05	0.06	0.08
Total		**10.24**	**11.13**	**11.97**	**12.99**	**14.91**

5.4.3 Comparison of Planning Parameters between DRP and CTSU Scenarios

The comparison between DRP and CTSU scenarios is shown in Table 5-13. The total population and total employment at MMR level will be the same in both scenarios, only the spatial distribution at cluster level is varying. In the CTSU scenario, there are some deviations forecasted in population and employment depending on the proposed growths within the region. The resident workers and employment will also

change with the change in population in the CTSU scenario. The workforce participation rates at cluster are assumed to be same as that in DRP scenario and multiplying the same with population will derive the resident workers as per CTSU scenario, thereby inducing the change in spatial distribution cluster wise. Similarly, the employment distribution will also differ as the service employment is forecasted from the incremental share of population incremental and basic employment incremental. As the cluster-wise population in CTSU vary, the incremental population share will also vary, thereby arriving at employment distribution in the CTSU scenario.

The major deviation in population is seen in Greater Mumbai (Island City, Eastern Suburbs and Western Suburbs) in 2041, where the percentage share of Greater Mumbai in MMR for CTSU scenario is 40% as compared to 33% projected by DRP. The percentage share of Greater Mumbai in the base year (2017) is 50% of MMR population share. The deviation in CTSU scenario is due to the assumption that in Greater Mumbai, the huge metro network is proposed, in addition, the Wadala Notified Area and Mumbai Port Developments are proposed. Therefore the population share may not decline at the rate the Draft Regional Plan projects. The spatial distribution in various clusters for population for the horizon years 2021, 2026, 2031 and 2041 as per DRP and CTSU scenarios is shown in Figure 5-7,Figure 5-8,Figure 5-9 and Figure 5-10 respectively.

The share of Employment in Greater Mumbai as per DRP scenario is 47% whereas in case of CTSU Scenario, the share is 52% (The percentage share of Greater Mumbai in the base year (2017) is 67% of MMR employment share). Distribution in various clusters for for the horizon years 2021, 2026, 2031 and 2041 as per DRP and CTSU scenarios is shown in Figure 5-11, Figure 5-12, Figure 5-13 and Figure 5-14 respectively. The spatial distribution in various clusters for resident workers for for the horizon years 2021, 2026, 2031 and 2041 in DRP and CTSU scenarios is shown in Figure 5-15, Figure 5-16, Figure 5-17 and Figure 5-18 respectively.

Table 5-13: Comparison between DRP and CTSU Scenario

Cl.No.	Cluster Name	2017		2021				2026				2031				2041			
		Base Year		DRP		CTSU		DRP		CTSU		DRP		CTSU		DRP		CTSU	
		Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp
1	Island City	2.90	2.66	2.89	2.73	2.85	2.71	2.71	2.70	2.73	2.71	2.44	2.67	2.62	2.72	1.95	2.71	2.43	2.85
2	Western Suburbs	5.75	2.60	5.84	2.70	5.95	2.75	5.68	2.76	6.01	2.89	5.59	2.81	6.10	2.99	5.13	2.83	6.12	3.14
3	Eastern Suburbs	3.99	1.58	4.05	1.65	4.18	1.70	3.95	1.61	4.25	1.72	3.88	1.59	4.33	1.74	3.56	1.50	4.24	1.72
4	Thane M. Corp	2.07	0.52	2.24	0.59	2.39	0.65	2.48	0.69	2.56	0.72	2.75	0.76	2.75	0.77	3.24	0.90	3.21	0.89
5	NMMC (NM-N)	1.44	0.61	1.70	0.73	1.56	0.67	2.02	0.85	1.68	0.72	2.39	0.95	1.81	0.75	3.20	1.17	1.99	0.80
6	KDMC, AKBSNA, UMC, KBMC, AMC	2.81	0.70	3.01	0.79	3.08	0.82	3.15	0.90	3.23	0.93	3.30	0.97	3.41	1.01	3.53	1.10	3.53	1.11
7	VVMC, VVSNA	1.70	0.26	2.04	0.39	1.88	0.33	2.46	0.55	2.12	0.42	2.98	0.69	2.40	0.50	4.11	1.03	3.01	0.69
8	Uran+NM-S	0.22	0.05	0.29	0.08	0.37	0.11	0.39	0.16	0.50	0.20	0.53	0.39	0.68	0.44	0.85	0.74	1.15	0.83
9	Pen, NAINA Part - 2	0.13	0.04	0.13	0.04	0.15	0.05	0.14	0.04	0.17	0.06	0.14	0.05	0.19	0.07	0.14	0.07	0.28	0.11
10	BNMC, BSNA	1.07	0.55	1.16	0.60	1.16	0.60	1.22	0.63	1.23	0.63	1.29	0.65	1.30	0.65	1.44	0.69	1.44	0.69
11	MBMC	1.06	0.21	1.26	0.29	1.09	0.22	1.47	0.37	1.20	0.27	1.71	0.43	1.34	0.30	2.29	0.60	1.55	0.36
12	NAINA Part -1 (near Panvel)	0.23	0.05	0.24	0.06	0.25	0.06	0.25	0.07	0.28	0.08	0.27	0.13	0.30	0.14	0.29	0.22	0.49	0.27
13	MSRDC	0.06	0.02	0.07	0.02	0.06	0.01	0.07	0.03	0.07	0.03	0.07	0.05	0.08	0.05	0.07	0.08	0.17	0.11
14	PMC+ NM-E	0.67	0.16	0.78	0.21	0.78	0.21	0.91	0.29	0.91	0.29	1.07	0.40	1.06	0.39	1.39	0.60	1.21	0.55
15	Khopta	0.06	0.01	0.06	0.01	0.06	0.02	0.06	0.04	0.09	0.04	0.07	0.08	0.12	0.10	0.08	0.14	0.38	0.23
16	Kharbao TAZ	0.02	0.01	0.02	0.01	0.02	0.01	0.04	0.04	0.03	0.04	0.04	0.06	0.04	0.06	0.10	0.14	0.10	0.14
17	Rest of MMR	0.24	0.07	0.27	0.09	0.24	0.07	0.28	0.09	0.26	0.09	0.29	0.13	0.28	0.12	0.29	0.16	0.32	0.17
18	Matheran, Karjat, Khopoli, Rural MMR	0.30	0.08	0.30	0.08	0.30	0.08	0.31	0.09	0.32	0.10	0.33	0.12	0.34	0.12	0.34	0.14	0.39	0.16
19	Alibag M.Cl, Rural MMR	0.16	0.05	0.16	0.06	0.14	0.05	0.17	0.06	0.14	0.05	0.17	0.07	0.15	0.06	0.18	0.08	0.16	0.08
Total		**24.88**	**10.24**	**26.52**	**11.13**	**26.52**	**11.13**	**27.76**	**11.97**	**27.76**	**11.97**	**29.32**	**12.99**	**29.32**	**12.99**	**32.17**	**14.91**	**32.17**	**14.91**

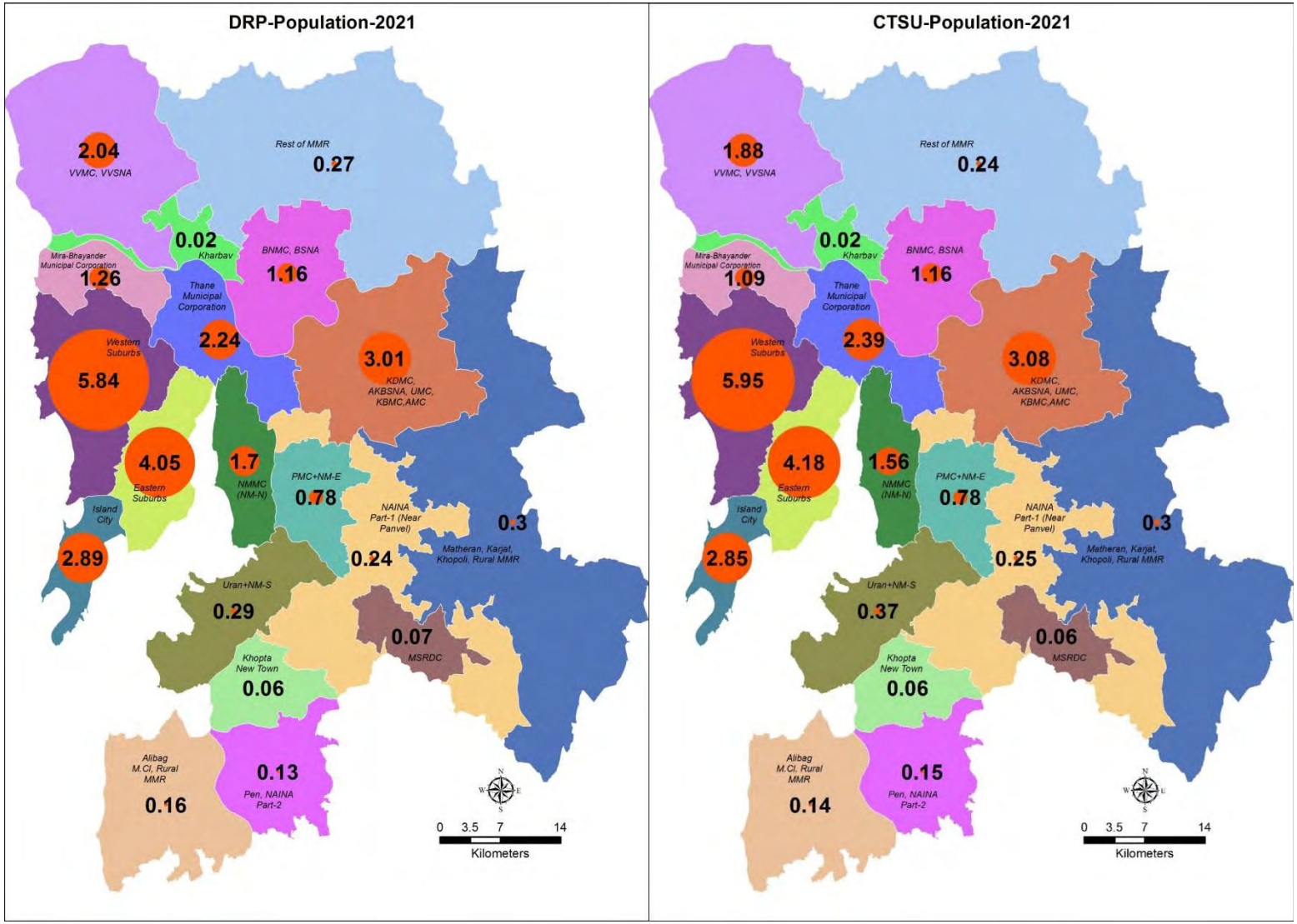


Figure 5-7: Population Distribution as per the DRP and CTSU scenario for the horizon year 2021

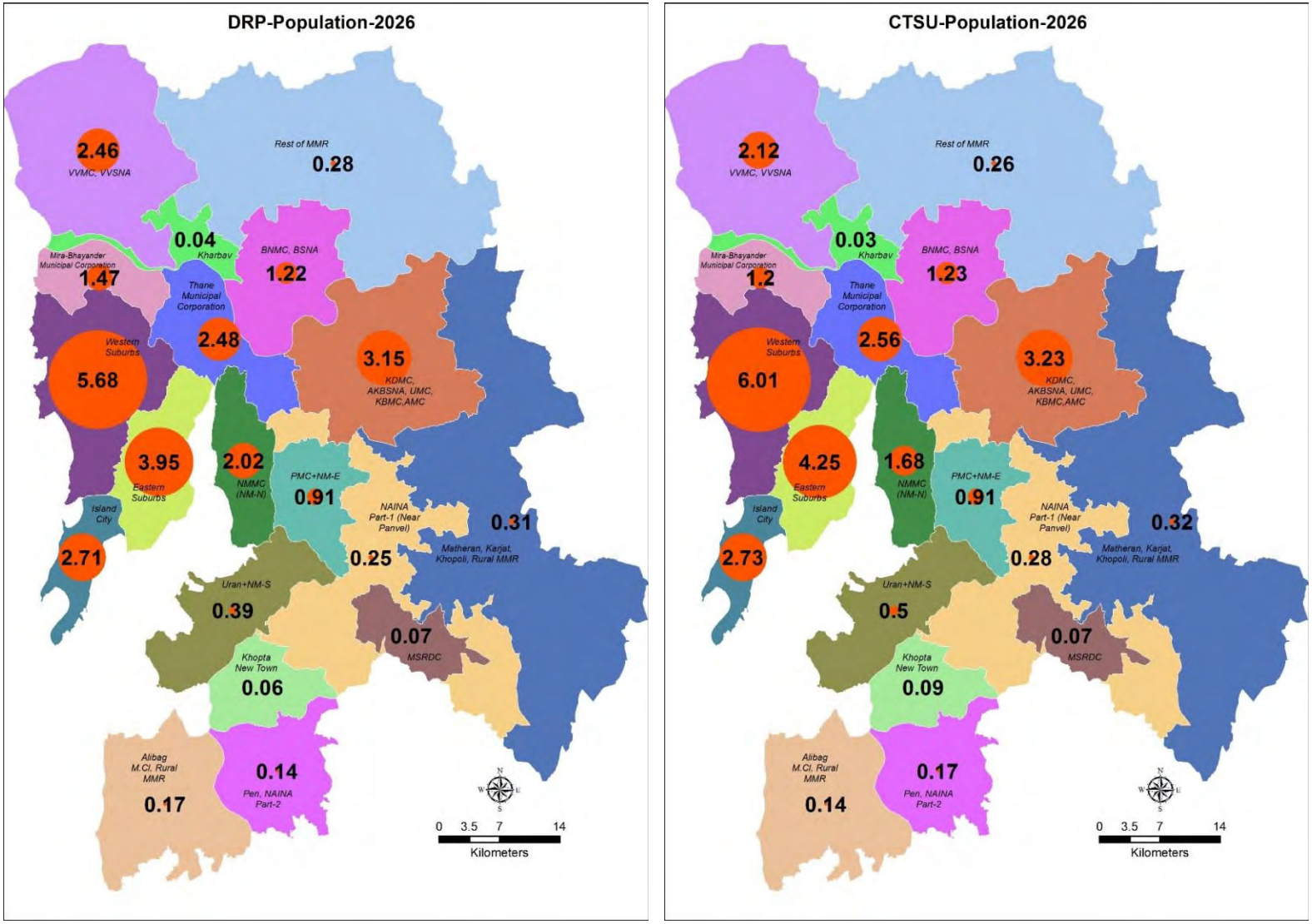


Figure 5-8: Population Distribution as per the DRP and CTSU scenario for the horizon year 2026

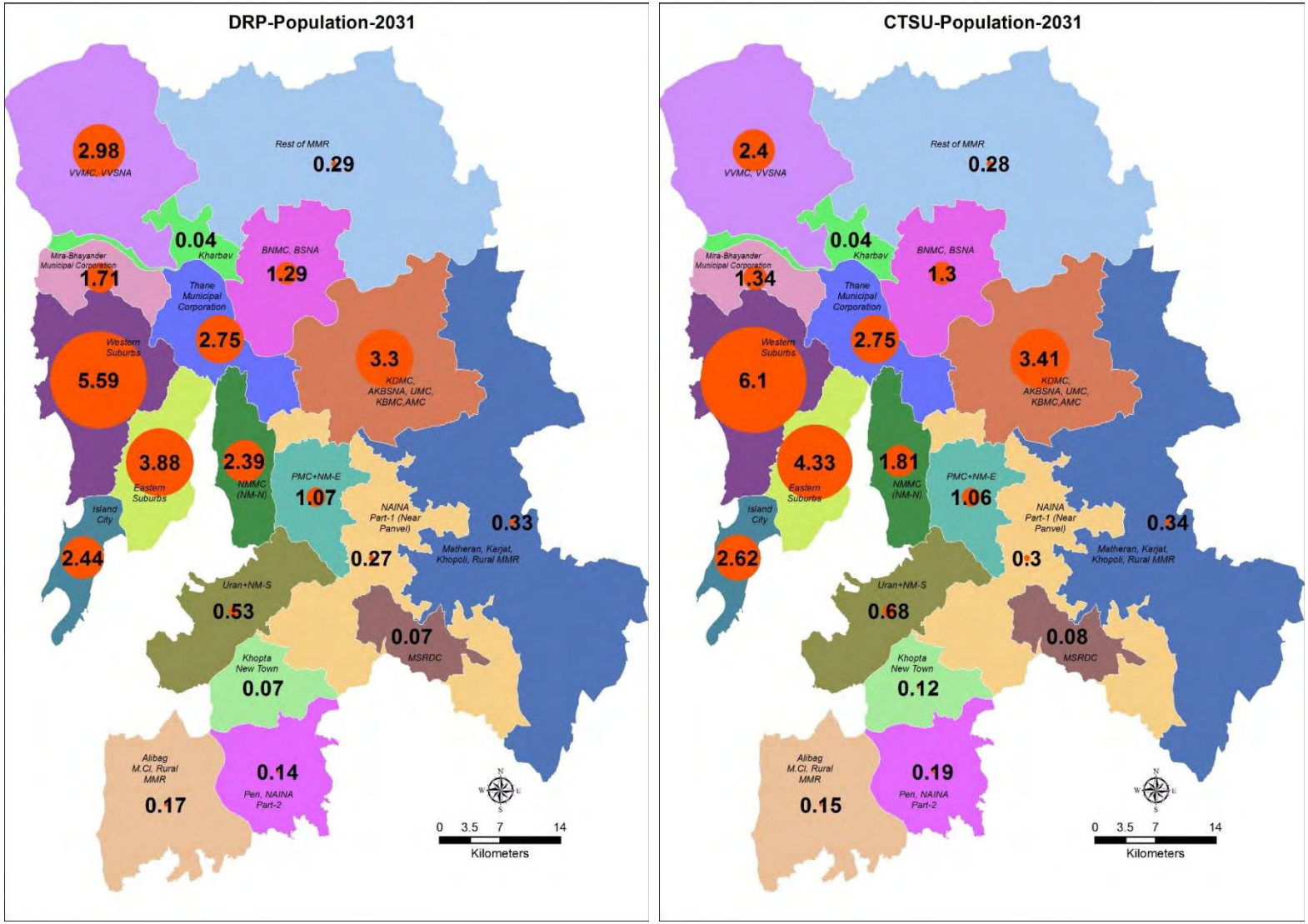


Figure 5-9: Population Distribution as per the DRP and CTSU scenario for the horizon year 2031

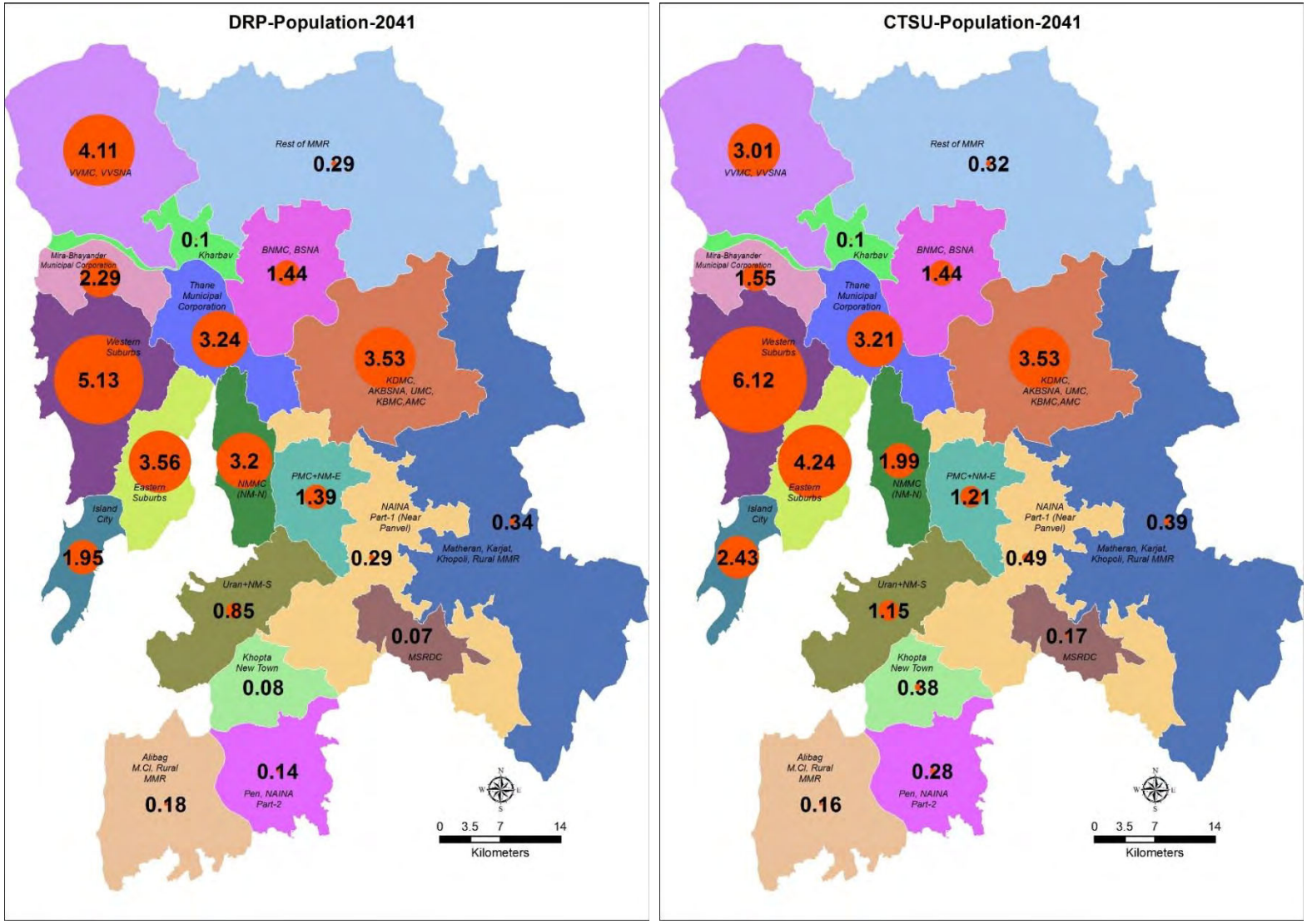


Figure 5-10: Population Distribution as per DRP and CTSU scenario for the horizon year 2041

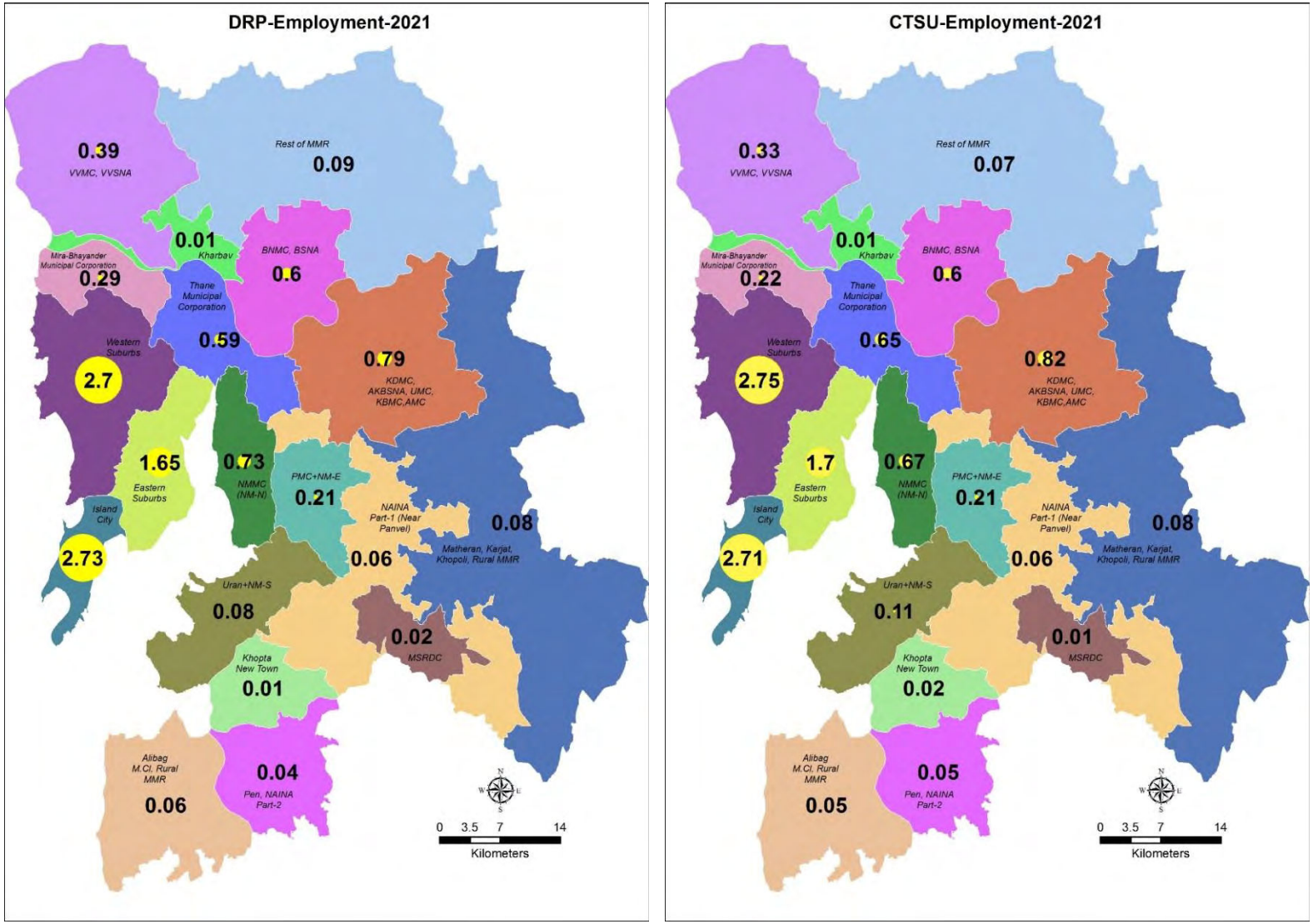


Figure 5-11: Employment Distribution as per DRP and CTSU scenario for the horizon year 2021

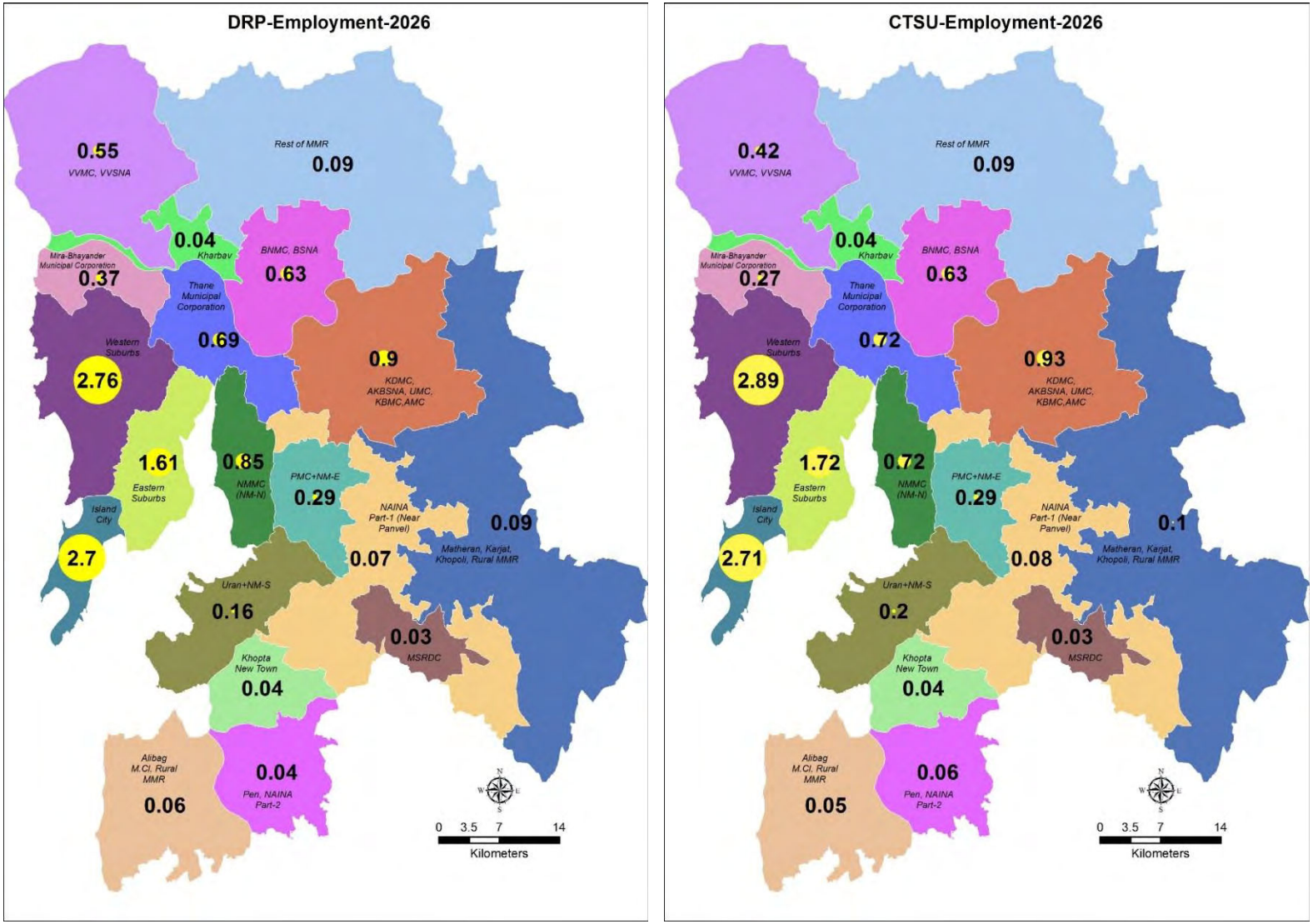


Figure 5-12: Employment Distribution as per DRP and CTSU scenario for the horizon year 2026

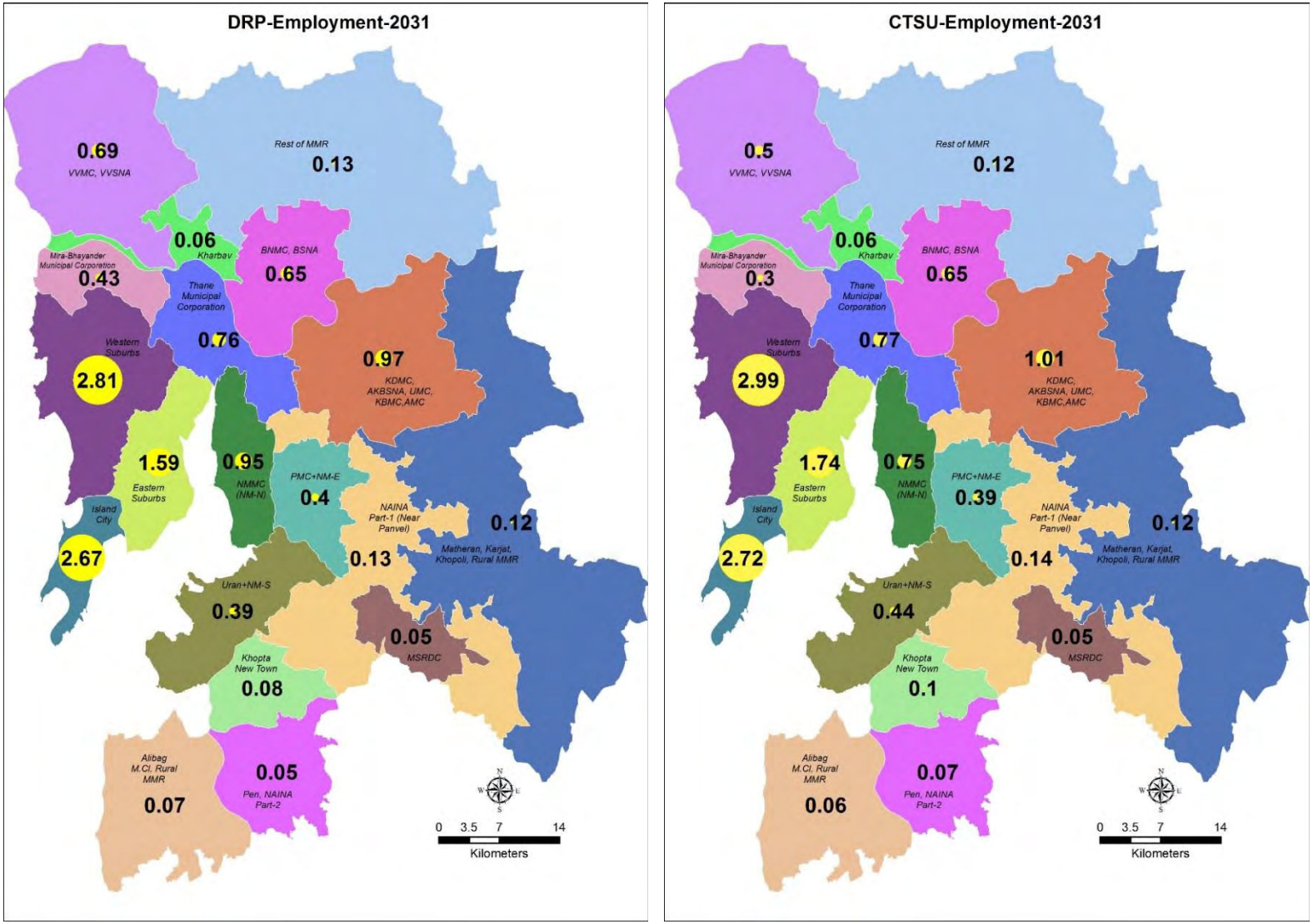


Figure 5-13: Employment Distribution as per DRP and CTSU scenario for the horizon year 2031

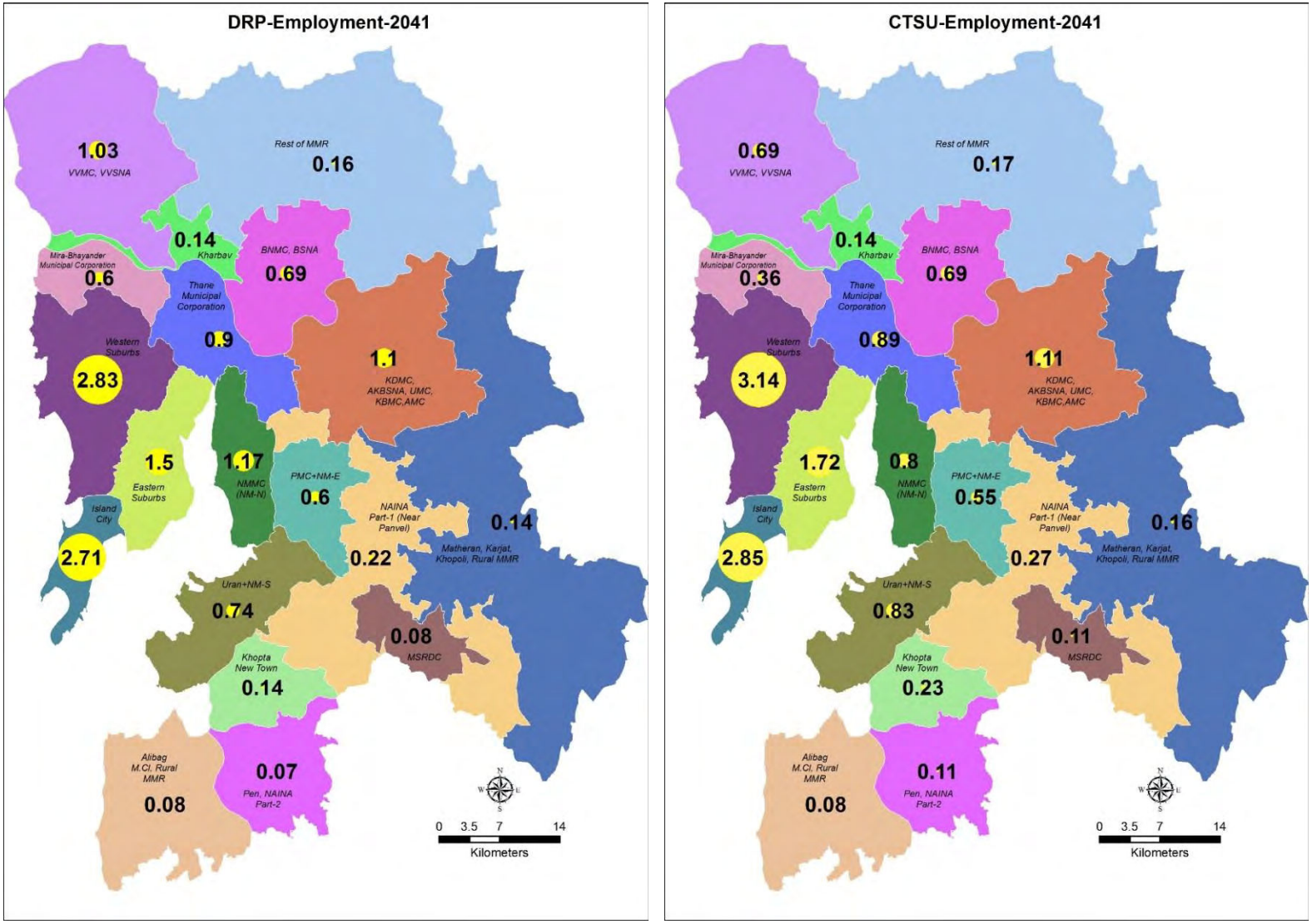


Figure 5-14: Employment Distribution as per DRP and CTSU scenario for the horizon year 2041

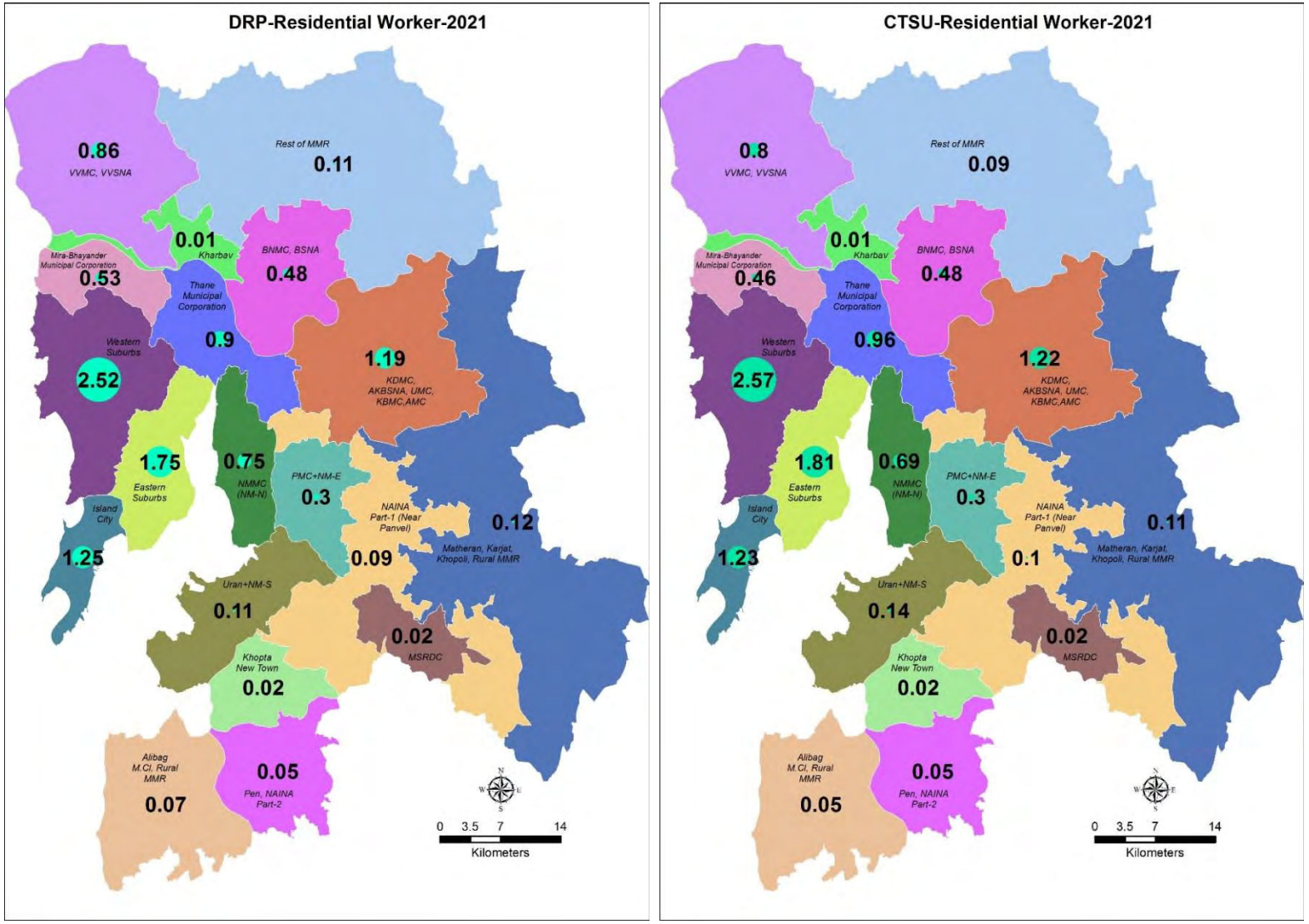


Figure 5-15: Resident Workers as per the DRP and CTSU scenario for the horizon year 2021

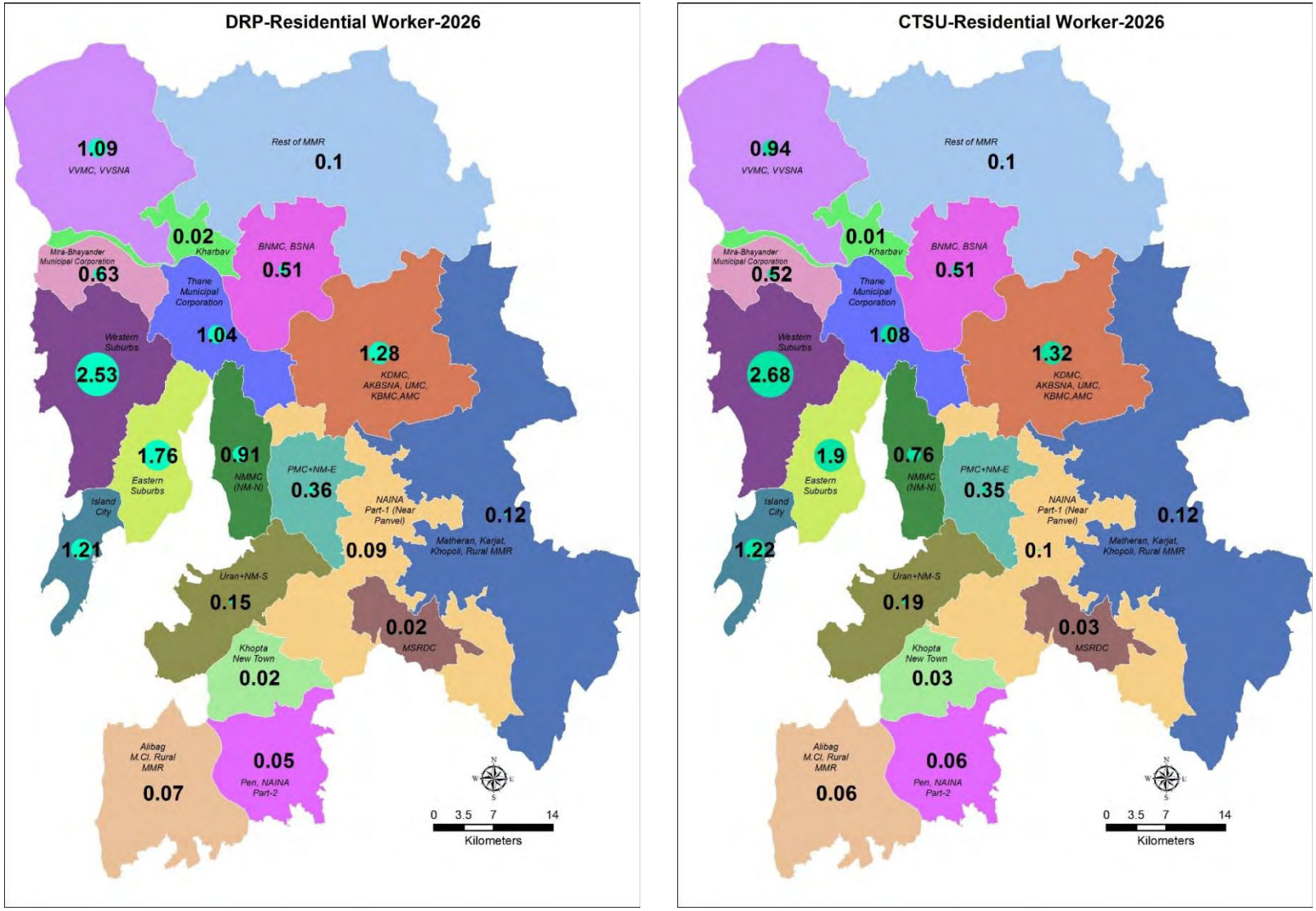


Figure 5-16: Resident Workers as per the DRP and CTSU scenario for the horizon year 2026

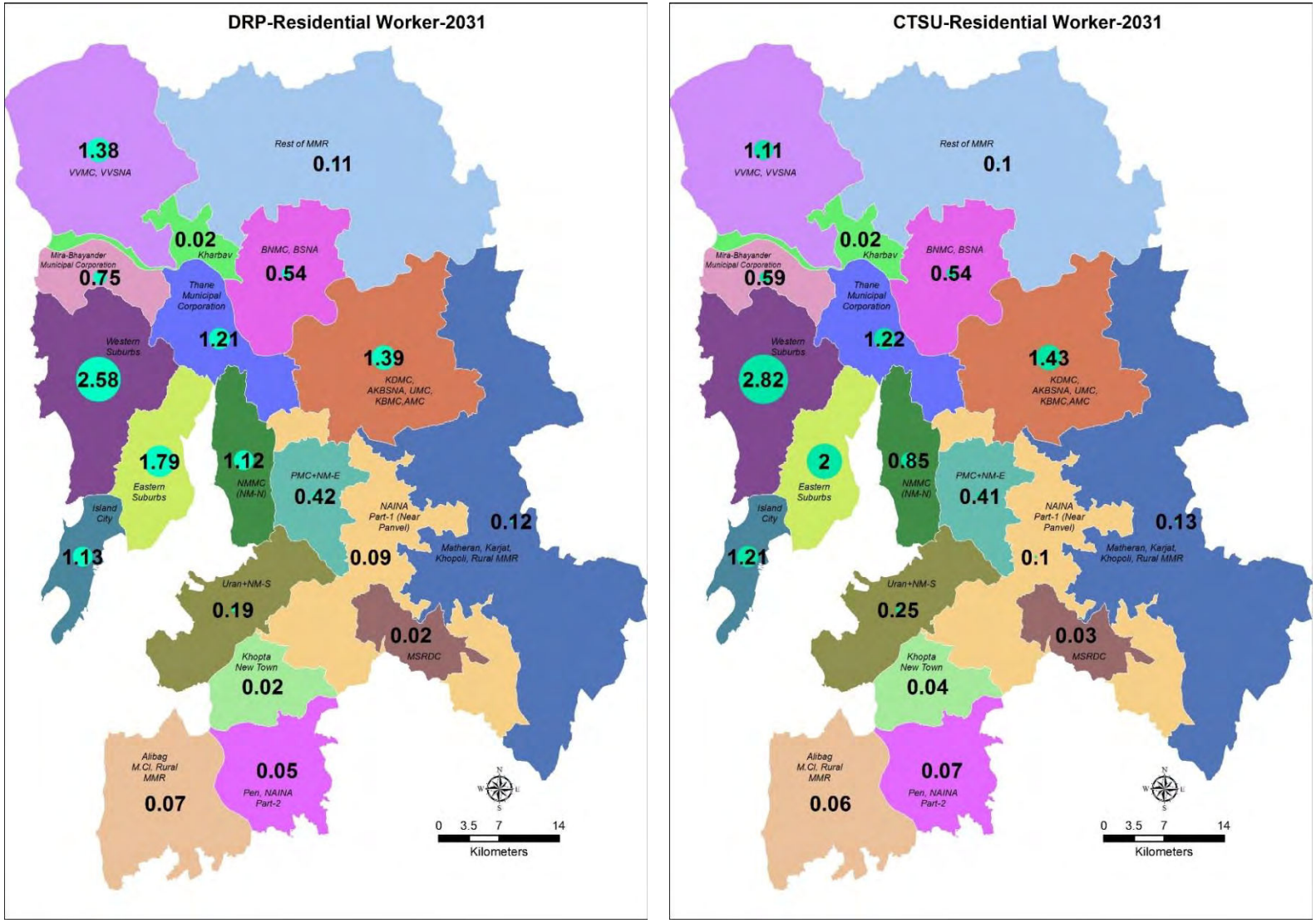


Figure 5-17: Resident Workers as per the DRP and CTSU scenario for the horizon year 2031

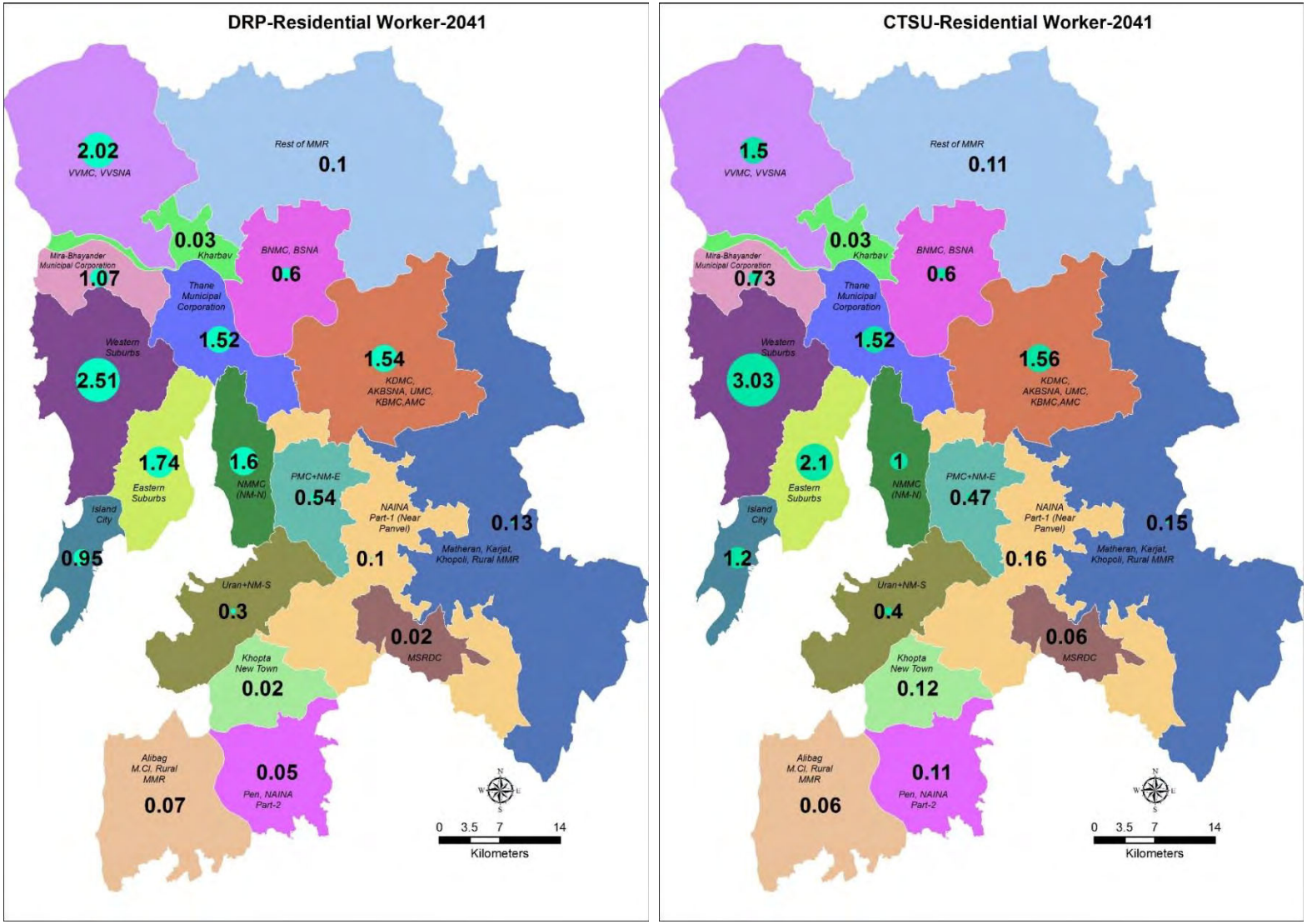


Figure 5-18: Resident Workers as per the DRP and CTSU scenario for the horizon year 2041

Chapter 6

Transport Network Updation for the Horizon Year 2021, 2026, 2031 and 2041

6 TRANSPORT NETWORK UPDATION FOR THE HORIZON YEAR 2021, 2026, 2031 AND 2041

6.1 INTRODUCTION

Transport network plans have been prepared up to the horizon year 2041 i.e. under immediate-term (up to 2021), short-term (2022-26), medium-term (2027-31) and long-term (2031-41). Initially, the base year (2017) transport network was finalized. The initial input for network updation was from the CTS for MMR recommended transport network. Then, based on the status of project preparatory works, capacity criteria adopted for public transport and highway network, secondary data etc., transport network requirements have been finalized. Also, workshops and meetings with various stakeholders were held to finalize the horizon year for which a particular corridor is to be considered. For road network updation, roads (arterial, sub-arterial roads) considered by various stakeholders in their respective development plans have been incorporated in the network for horizon years 2021, 2026, 2031 and 2041 depending upon the cluster level incremental population and employment. The other factors considered for network updation were land available for development and making sure that proposed transit lines do not run parallel to the updated network. For updation of Transit network, inputs from MMRDA, CIDCO, MRVC and other stakeholders have been taken into consideration.

Travel demand assessment and network analysis based on the inputs from stakeholders has been carried out. Then depending upon the loadings on various corridors the decision to defer them to the next horizon year will be taken. The travel demand assessment for these deferred corridors will be documented in Report on 'Estimation of Travel Demand for Updated Land Use scenario for different horizon periods 2021, 2031 and 2041' which is planned for submission by mid of February 2019. Also, some of the demand on metro corridors will be covered through systems like EBL along the highway corridors until the demand justifies metro operations. ***Transport networks prepared for the horizon year 2021, 2026, 2031 and 2041 are presented in the following sections.***

6.2 TRANSPORT NETWORK FOR THE HORIZON YEAR 2021

For assessment of transport network for the horizon year 2021 i.e. for immediate-term, bottom-up approach has been followed as various stakeholders are already implementing number of projects which include metro, suburban, highway, various traffic management measures like flyovers, elevated roads, RoBs/ RuBs, etc. Inputs for this approach are committed transport infrastructure projects.

6.2.1 Metro Network Plan for MMR for the Horizon year 2021

Metro network (additional corridors) for the horizon year 2021 is enlisted in Table 6-1 and represented in Figure 6-1. Total metro network length for the year 2021 is 60 km.

Table 6-1: Proposed Metro Corridor for the horizon year 2021

ID	Corridor Name	Length (km)	Status as on Dec., 2018	Period
M-2A	Dahisar - DN Nagar	18.6	Under Construction	Upto 2021 (60 km)
M-3A	Colaba-Bandra-SEEPZ	11.9	Under Construction	
M-7	Dahisar (E) - Andheri (E)	16.5	Under Construction	
M-15	Belapur- Taloja- Pendhar	11.1	Under Construction	
M-16	Pendhar to MIDC	2.0	Advanced stage of approval	

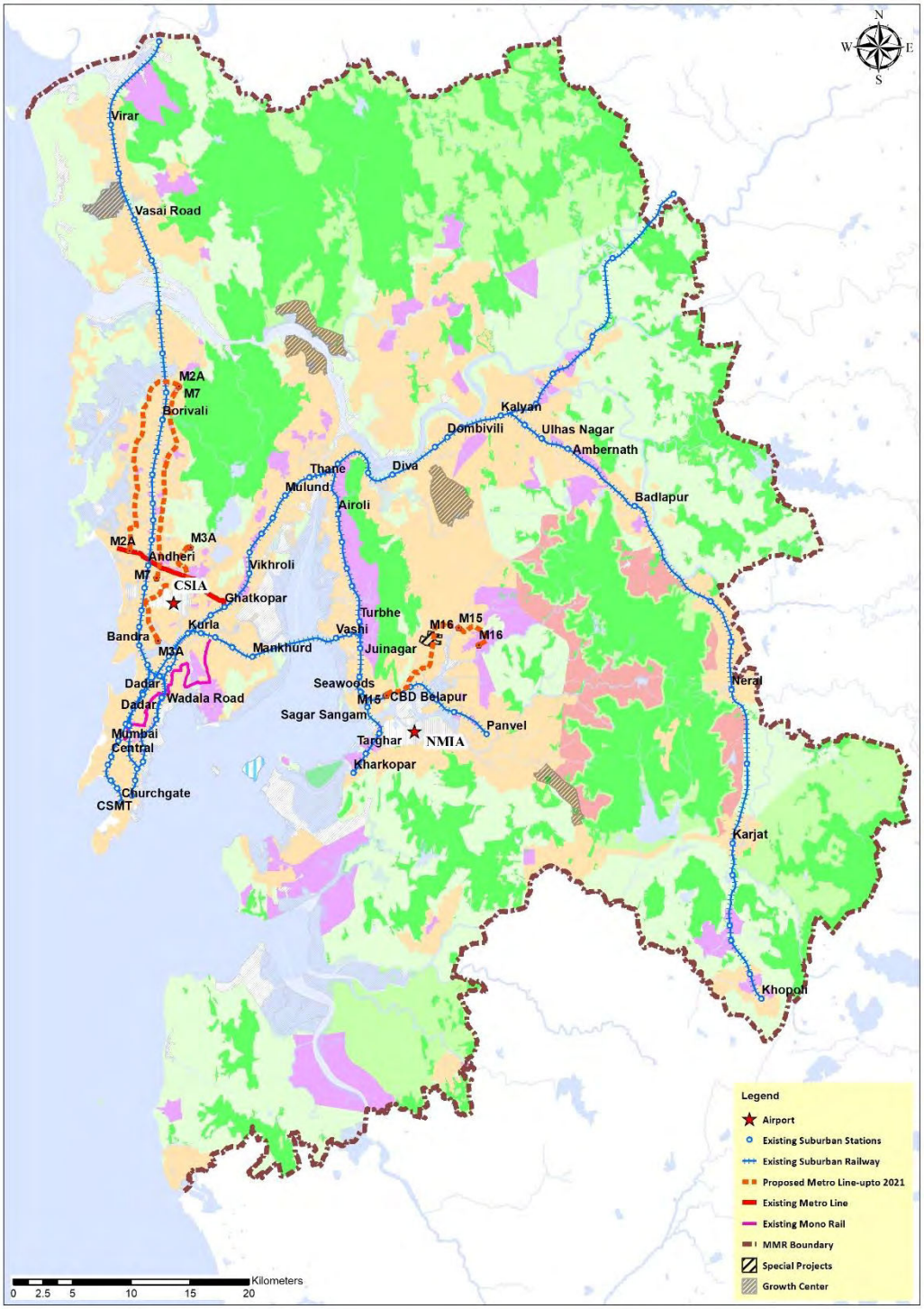


Figure 6-1: Proposed Metro Corridor for the horizon year 2021

6.2.2 Suburban Network Plan for MMR for the Horizon year 2021

Suburban network (additional corridors) for the horizon year 2021 is enlisted in Table 6-2 and shown in Figure 6-2. Total suburban network for 2021 is 28.9 km.

Table 6-2: Proposed Suburban Corridors (2021)

ID	Corridor Name	Length (km)	Status as on Dec. 2018	Period
S-1	Seawoods to Uran	24.2	Under Construction/partially commissioned	Upto 2021 (28.9 km)
S-2	Airoli -Kalwa	4.7	DPR completed	

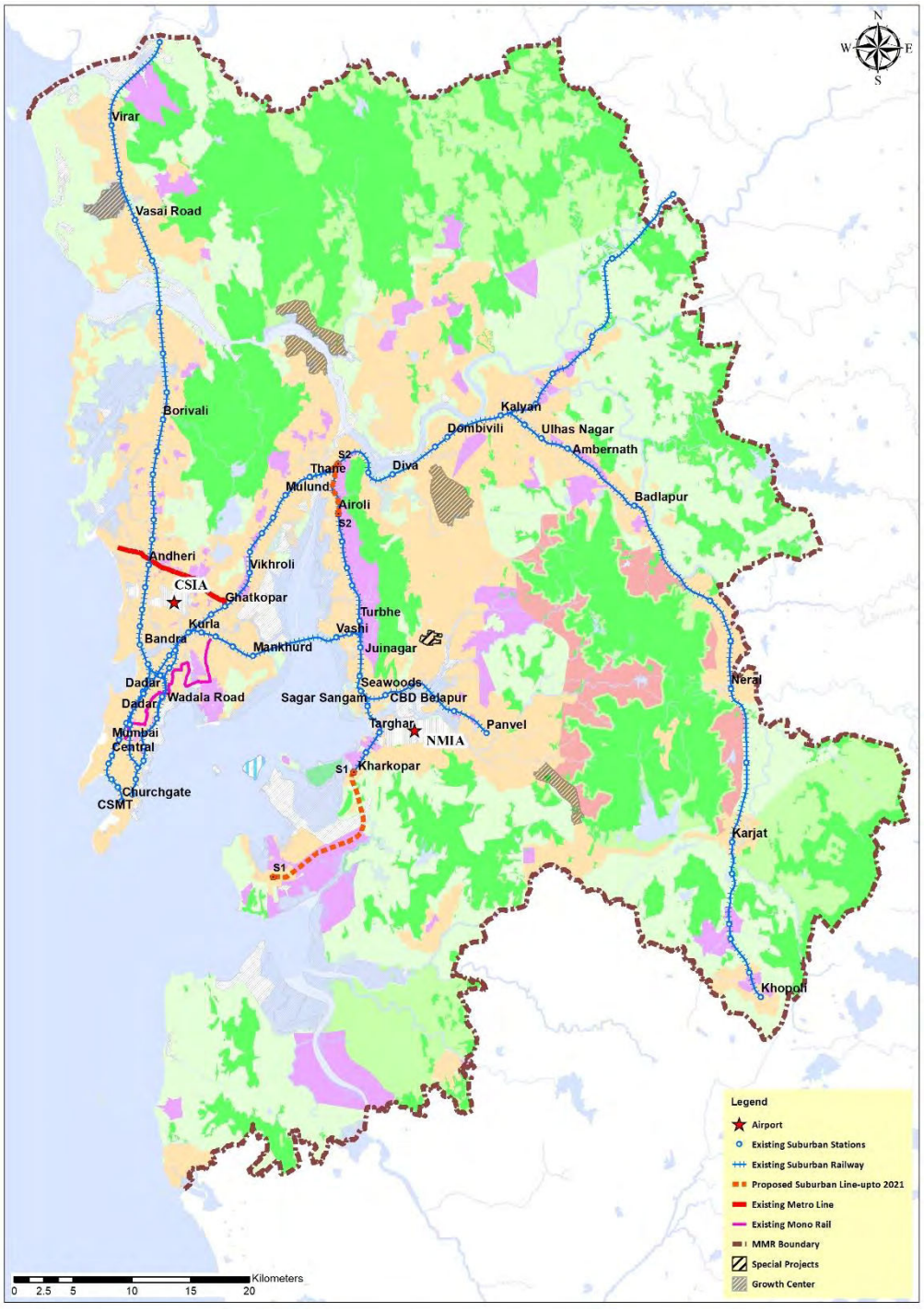


Figure 6-2: Proposed Suburban Corridors for the horizon year 2021

6.2.3 MonoRail Network Plan for MMR for the Horizon year 2021

Monorail network (extension of existing corridor) for the horizon year 2021 is enlisted in Table 6-3 and represented in Figure 6-3.

Table 6-3: Proposed Monorail Corridor Extension for the Horizon Year 2021

ID	Corridor Name	Length (km)	Status as on Dec. 2018
M-II	Wadala to Satrasta	10.6	Construction complete

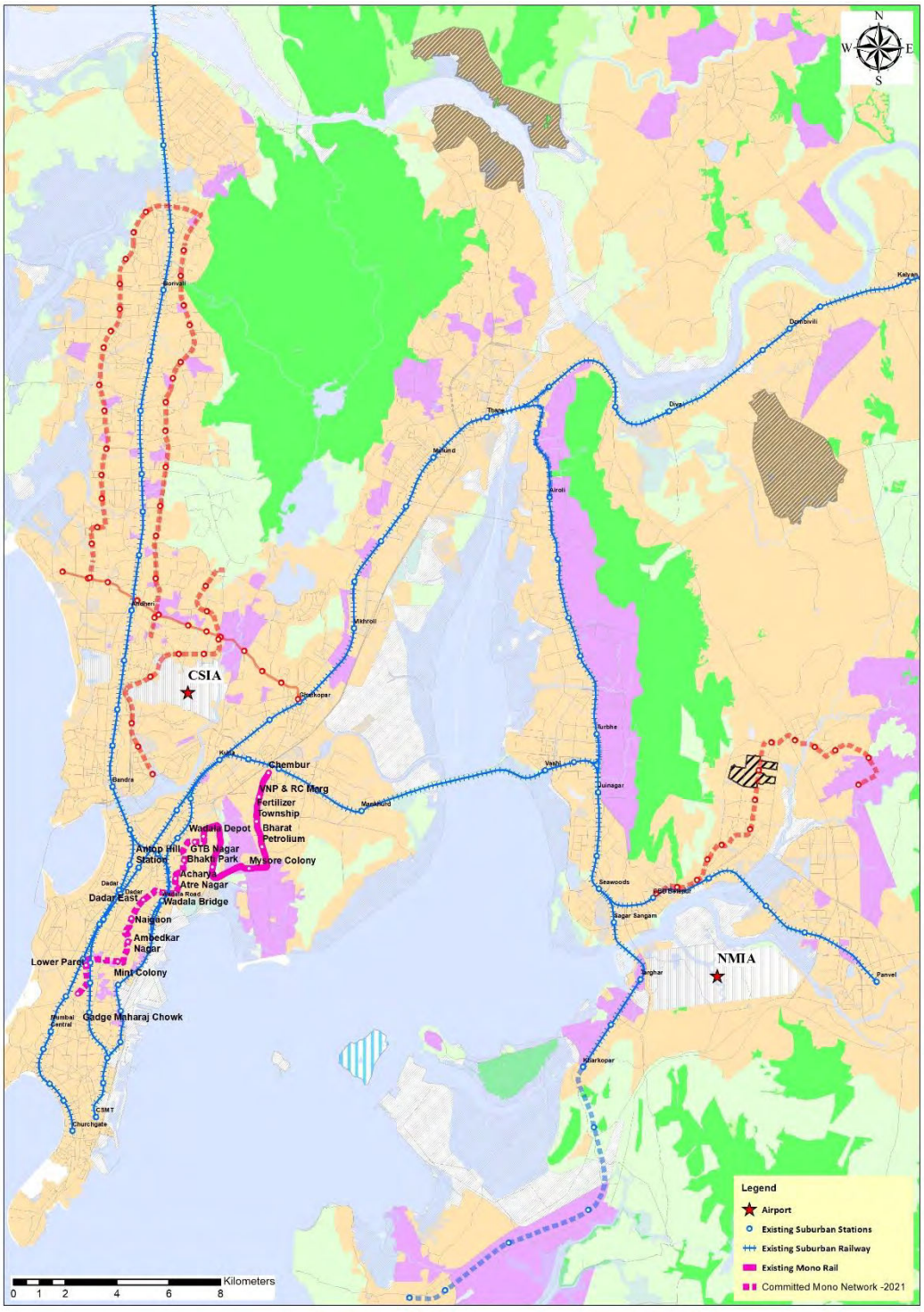


Figure 6-3: Proposed Monorail Network for the Horizon Year 2021

6.2.4 Highway Network Plan for MMR for the Horizon year 2021

Considering the horizon year 2021 there may not be any new corridor coming up as far as highway network for regional connectivity is considered. However, for local connectivity flyovers, elevated Road, RoB/ Rub and widening of some important links have been proposed. The above proposals are represented in Figure 6-4and enlisted in Table 6-4.

Table 6-4: Proposed Highway/ Road Widening, Flyovers, Elevated Roads, RoBs/ RUBs for the Horizon Year 2021

ID	Name	ULB	Length (km)
F-1	Karasvadavali Flyover	TMC	0.6
F-2	Chhatrapati Shivaji MaharajMarg (4 lanes Flyover from Pleasant Park to Silver Park Signal)	MBMC	0.8
F-3	Chhatrapati Shivaji Maharaj Marg (4 lanes Flyover from Shivar Garden to SK Stone Signal)	MBMC	1.6
F-4	Chhatrapati Shivaji Maharaj Marg (4 lanes Flyover from Golden Nest Circle to Deepak Hospital)	MBMC	0.7
F-5	Thane Belapur Road (Savita Chemical Flyover)	NMMC	0.7
F-6	Shilphata Mahape Road (SH-40) with a four-lane flyover at L&T Junction and Service Road	NMMC	0.7
F-7	Thane Belapur (Talavali Naka)	NMMC	1.6
F-8	Bhiwandi Kalyan Road (Rajiv Gandhi Chowk to Saibaba Temple)	BNMC	3.0
F-9	Mumbai Nashik Expressway (Ranjoli Flyover)	BSNA	0.8
F-10	Mumbai Nashik Expressway (Mankoli Flyover)	BSNA	1.1
F-11	Ghodnunder Road (Bhainderpada)	TMC	0.4
F-12	Ghodnunder Road (Anand Nagar)	TMC	0.5
F-13	Chheda Nagar Improvement Scheme Flyover - I	MCGM	0.7
	Chheda Nagar Improvement Scheme Flyover - II		1.2
	Chheda Nagar Improvement Scheme Flyover - III		0.6
F-14	Junction of SV Road and Kora Kendra Road	MCGM	0.5
F-15	Junction of SV road and GMLR	MCGM	0.8
F-16	Frere Road Flyover	MCGM	0.5
F-17	Junction of JJ Road and SabooSiddhi Polytechnic	MCGM	0.5
F-18	Connector between Bandra Kurla Complex G Block and Eastern Express Highway including ROB at the level crossing on V.N. Purav Marg near chunabhatti Station	MCGM	1.7
F-19	Mahatma Gandhi Road, Telephone Exchange	TMC	0.6
F-20	Meenatai Thackrey Chowk	TMC	1.3
F-21	Almeida Chowk	TMC	0.6
F-22	SH54	Navi Mumbai (CIDCO Area)	0.7
F-23	AGLR Flyover	MCGM	0.8
F-24	Uran Road	Navi Mumbai (CIDCO Area)	0.7
F-25	Kalwa Naka	TMC	0.9
F-26	Navade Phata and Kalamboli steel yard flyover	PCMC	1.1
E-1	SCLR Phase-I	MCGM	5.3
E-2	SCLR Phase-II	MCGM	4.1
E-3	Ghatkopar Mankhrud Junction Shivaji Nagar Road	MCGM	2.1
E-4	Mumbra by-pass flyover	TMC	4.8
E-5	JVLR South (S S Nagar To Mahakali Caves)	MCGM/MMRDA	4.5
E-6	JVLR North	MCGM	1.8
E-7	Alibag Khapoli road to Mumbai Goa Road (Vadkhal Naka)	Municipal council	3.5
R-1	Vikroli Station ROB	MCGM	0.4
R-2	South ROB at Mahalaxmi Station	MCGM	0.8
R-3	Rail Over Bridge at Kopari, Thane	TMC	0.5
R-4	Kalwa ROB	TMC	0.9
R-5	ROB at Titwala Ambiwili Junction	KDMC	0.5
R-6	Connector bet WEH and Senapati Bapat Road	MCGM	0.4
R-7	Connector bet WEH and Senapati Bapat Road	MCGM	0.4
R-8	Naigaon-Juchandra Road	VVMC	1.5
R-9	Diva RoB	TMC	0.7
R-10	Hanckok Bridge	MCGM	0.2

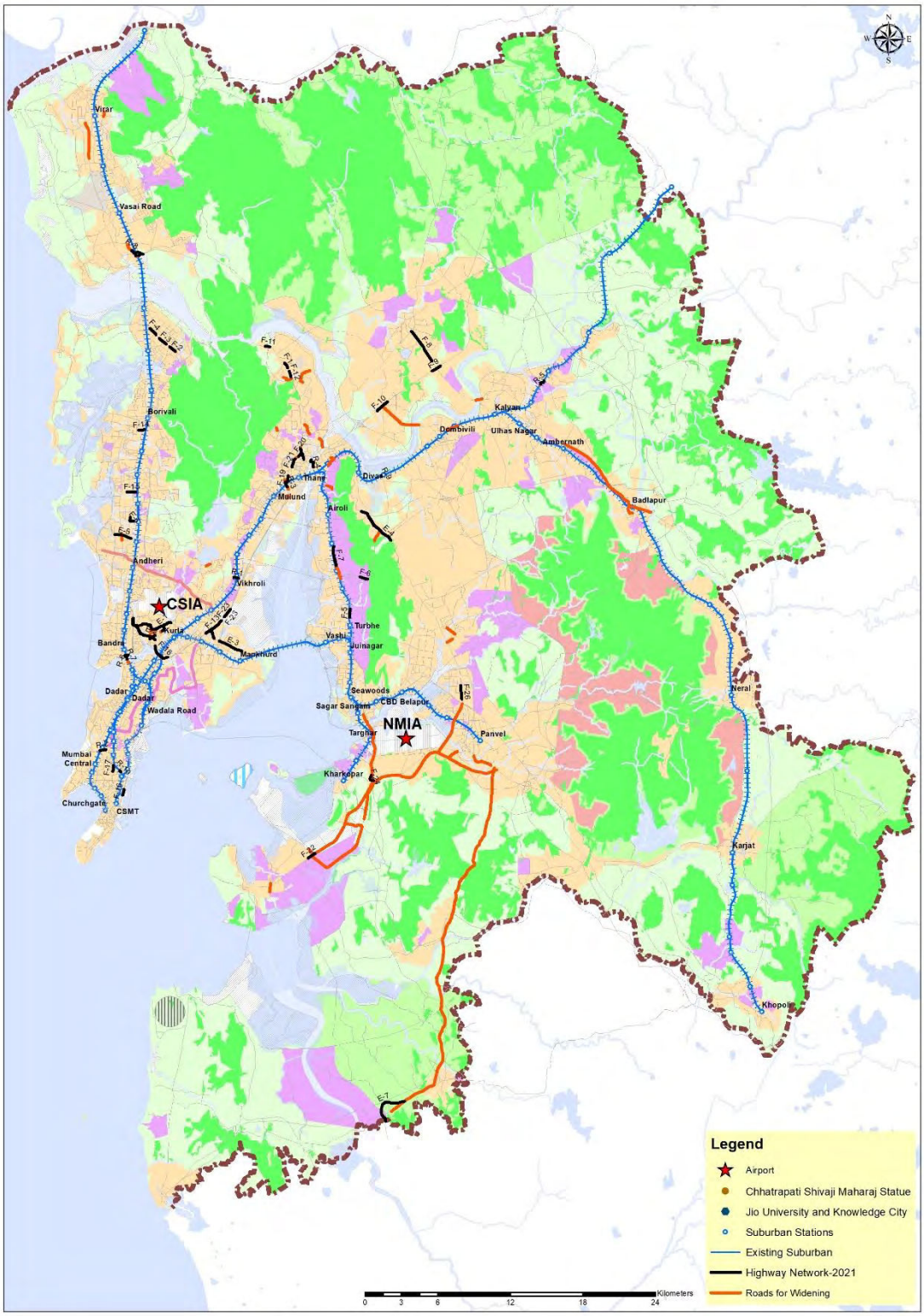


Figure 6-4: Proposed Highway network for the horizon year 2021

6.3 TRANSPORT NETWORK FOR THE HORIZON YEAR 2026

The transport network recommended for the horizon year 2026 is cumulative including 2021 network and includes the corridors which are under planning or project preparatory works being initiated by various stakeholders in MMR. The travel demand assignment has been done on all such projects under planning and those which are well below the flow capacity and minimum PHPDT requirement are pruned and taken up for the next horizon year.

6.3.1 Metro Network Plan for MMR for the Horizon year 2026

Metro network (additional corridors) for the horizon year 2026 is enlisted in Table 6-5 and presented in Figure 6-5. Total metro network length for the year 2026 is 325 km.

Table 6-5: Proposed Metro Corridors for Horizon year 2026

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
M-2A	Dahisar - DN Nagar	18.6	Under construction	Upto 2021 (60.1 km)
M-3 A	Bandra-SEEPZ	11.9	Under construction	
M-7	Dahisar (E) - Andheri (E)	16.5	Under construction	
M-15	Belapur – Taloja- Pendhar	11.1	Under construction	
M-16	Pendhar to MIDC	2	Advanced stage of approval	
M-2B	D.N. Nagar - Mandale	23.6	Under construction	2022-2026 (264.5km)
M-2B Ext	Mandale to Mankhurd Octroi Naka	2.1	Under construction	
M-3B	Colaba-Bandra	21.3	Under construction	
M-4	Wadala -Kasarvadvali-Gaimukh	35	Under construction	
M-5	Thane-Bhiwandi-Kalyan	24.9	Tendering in process	
M-6	Swami Samarth Nagar - Vikhroli	14.5	Under construction	
M-7A	Andheri East To CSMIA Airport	3.2	Tendering in process	
M-8	Airport Metro (CSMIA – NMIA)	35	DPR in progress	
M-9	Dahisar (E)- Mira Bhayandar	10.3	Tendering in process	
M-12	Kalyan - Taloja	20.7	Cabinet approval awaiting	
M-14	Kanjurmarg-Badlapur	38	DPR is in Progress	
M-17	MIDC- Khandeshwar	7.2	DPR is completed	
M-18	Thane Ring Metro	28.7	DPR is completed	

6.3.2 Suburban Network Plan for MMR for the Horizon year 2026

Suburban network (additional corridors) for the horizon year 2026 is enlisted in Table 6-6 and shown in Figure 6-6 . Total suburban network for the horizon year 2026 is 172.3 km.

Table 6-6: Proposed Suburban Corridors for Horizon Year 2026

ID	Corridor Name	Length(km)	Status as on Dec. 2018	Period
S-1	Seawoods to Uran	24.2	Under Construction/partially commissioned	Upto 2021 (28.9 km)
S-2	Airoli -Kalwa	4.7	DPR completed	
S-3	Panvel To Karjat	28.5	MRVC carried out DPR study and planned for implementation by 2025	2022-2026 (143.4 km)
S-4	Diva Vasai Road	41.5		
S-5	Diva Panvel	25.6		
S-6*	CSMT to Panvel Fast Corridor	47.8	DPR is in progress	

*Note: * Consultants have coded the corridor as metro corridor.*

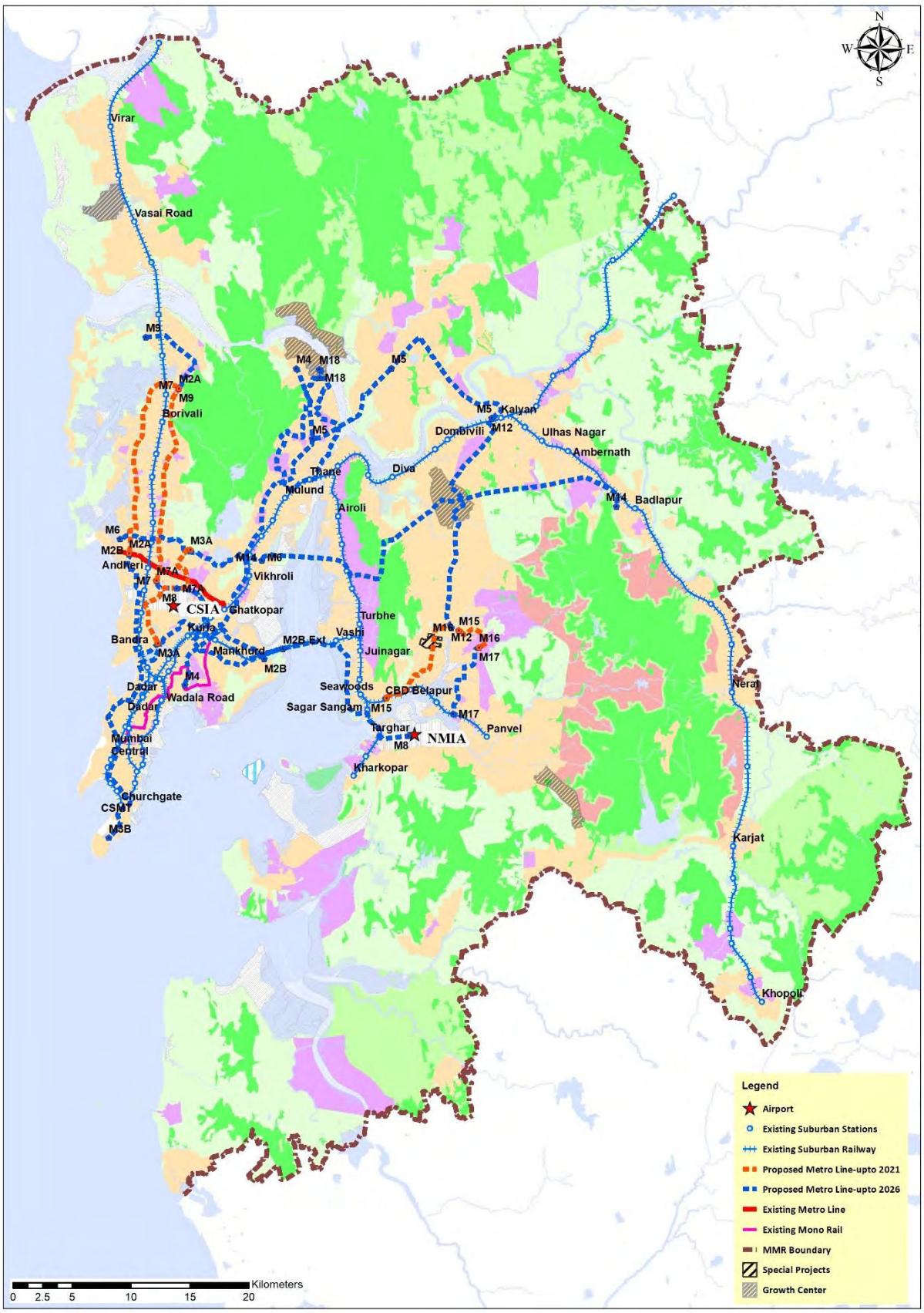


Figure 6-5: Proposed Metro Network for Horizon Year 2026

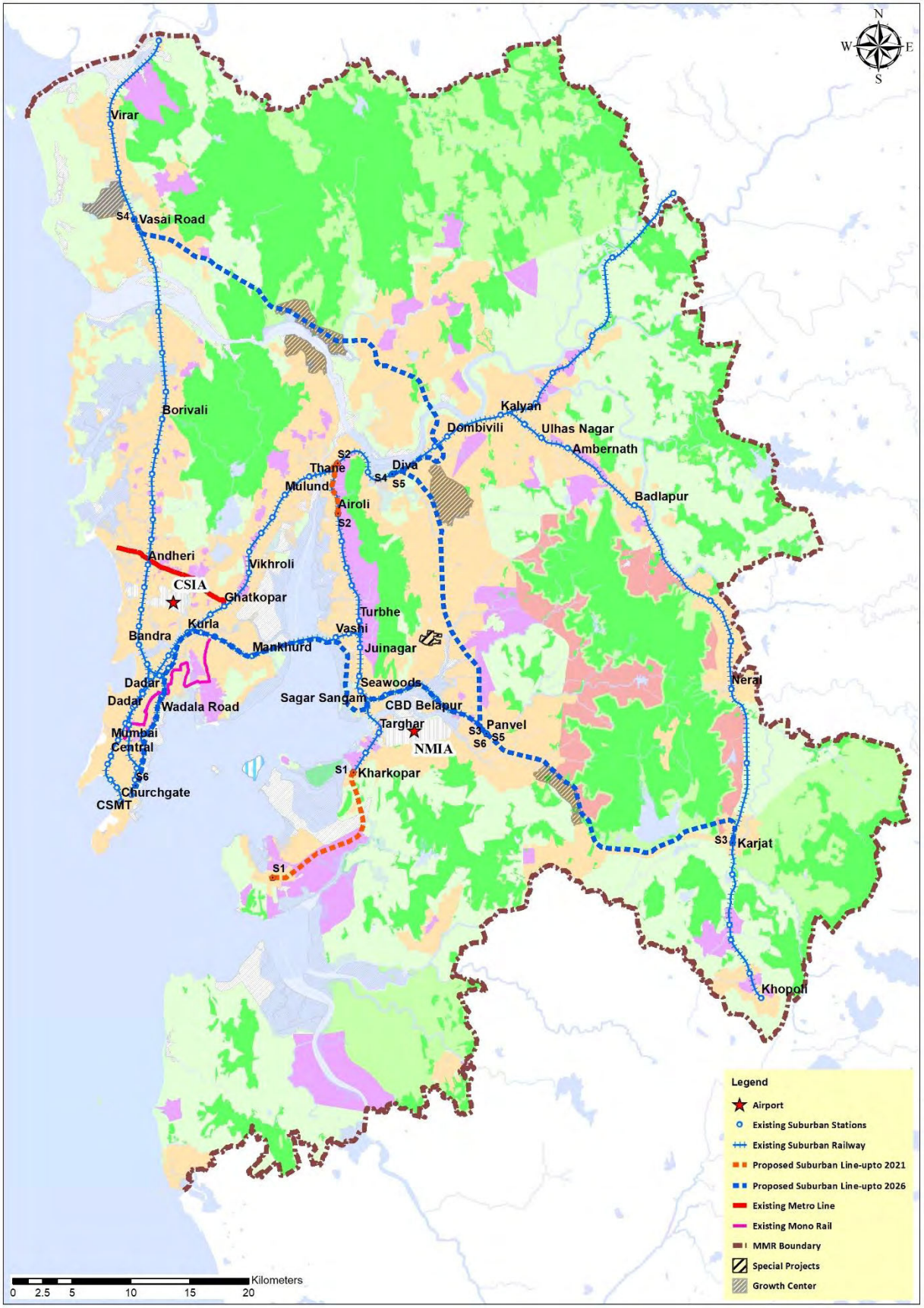


Figure 6-6: Proposed Suburban Network for Horizon Year 2026

6.3.3 Highway Network Plan for MMR for the Horizon year 2026

For the year 2026, recommended highway/ road network (additional corridors) is shown in Table 6-7.The proposed road network for the horizon year 2026 is around 485.7 km as enlisted in Table 6-7. These proposed highway/ road corridors are in addition to proposed Highway/ Road Widening, Flyovers, Elevated Roads, RoBs/ RUBs considered for the Horizon Year 2021 which are presented in Table 6-4.

Table 6-7: Proposed Highway/ Road Corridors for Horizon Year 2026

ID	Corridor name	Length(Km)	Status as on Dec 2018	Period
H1	Elevated Link (Sewri-Worli Sea Link)	5.0	Feasibility Completed	Upto 2026 (467.3 km)
H2	MTHL	23.0	Under Construction	
H3	Multimodal Corridor (Virar to Alibag)	127.3	DPR in progress	
H4	Radial 3 (Mumbai Nashik Exp. NH3)	40.7	NHAI Completed widening of NH 3	
H5	Radial-4 (Nahur-Airoli-Nilaje-Badlapur)	35.2	Part proposed in RP	
H6	Radial-5 (Turbhe-Taloja-Usatane)	17.1	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	
H7	Mumbai-Vadodara Spur in MMR	84.8	DPR completed by NHAI	
H8	Thane-Ghodbunder	4.4	Proposed in CTSU	
H9	Western Sea Link North Extn (Bandra-Versova)	12.3	DPR completed by MSRDC	
H10	Coastal Road to Ambivali (MMC)	17.6	Proposed in CTSU	
H11	Goregaon Mulund Link Road	16.1	DPR completed by MCGM	
H12	Khopoli to Pen	31.9	Proposed in RP	
H13	Ulwe-Airport Road (CIDCO)	10.0	DPR completed by CIDCO	
H15	Kalyan Ring Road	30.9	Under Construction	
H16	Thane Creek Road	11.0	Proposed in RP	

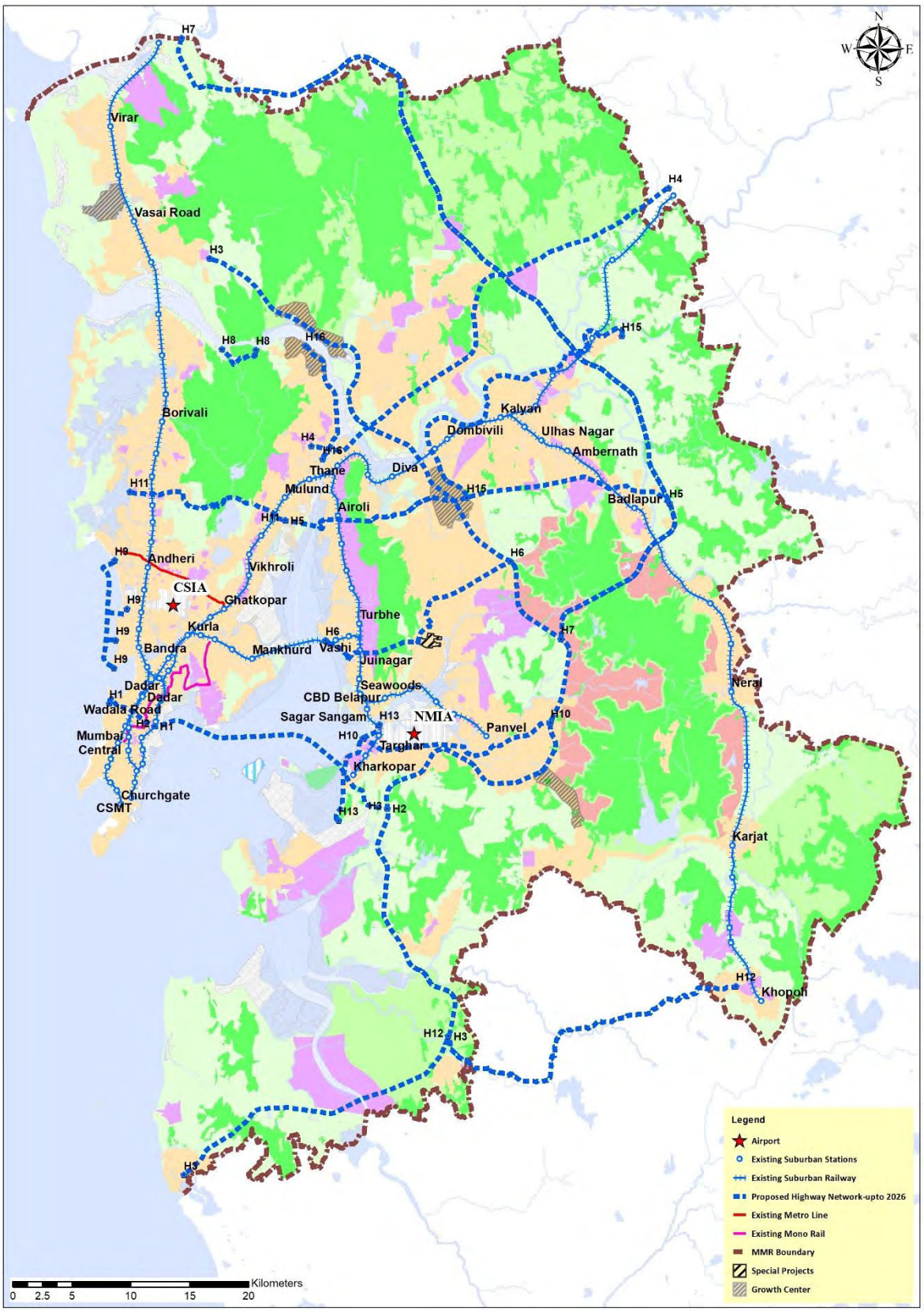


Figure 6-7: Proposed Highway Network for Horizon Year 2026

6.4 TRANSPORT NETWORK FOR THE HORIZON YEAR 2031

Successively with respect to 2026 recommendations, the travel demand assignment has been done for 2031 and the recommendations are made in terms of transport network requirement and traffic management measures etc.

6.4.1 Metro Network Plan for MMR for the Horizon year 2031

Metro network (additional corridors) for the horizon year 2031 is enlisted in Table 6-8 and presented in Figure 6-8.Total metro network length for the year 2031 is 425.3 km.

Table 6-8: Proposed Metro Corridors for Horizon year 2031

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
M-2A	Dahisar - DN Nagar	18.6	Under construction	Upto 2021 (60.1 km)
M-3 A	Bandra-SEEPZ	11.9	Under construction	
M-7	Dahisar (E) - Andheri (E)	16.5	Under construction	
M-15	Belapur – Taloja- Pendhar	11.1	Under construction	
M-16	Pendhar to MIDC	2	Advanced stage of approval	
M-2B	D.N. Nagar - Mandale	23.6	Under construction	2022-2026 (264.5 km)
M-2B Ext	Mandale to Mankhurd Octroi Naka	2.1	Under construction	
M-3B	Colaba-Bandra	21.3	Under construction	
M-4	Wadala -Kasarvadvali-Gaimukh	35	Under construction	
M-5	Thane-Bhiwandi-Kalyan	24.9	Tendering in process	
M-6	Swami Samarth Nagar - Vikhroli	14.5	Under construction	
M-7A	Andheri East To CSMIA Airport	3.2	Tendering in process	
M-8	Airport Metro (CSMIA – NMIA)	35	DPR in progress	
M-9	Dahisar (E)- Mira Bhayandar	10.3	Tendering in process	
M-12	Kalyan - Taloja	20.7	Cabinet approval awaiting	
M-14	Kanjurmarg-Badlapur	38	DPR is in Progress	
M-17	MIDC- Khandeshwar	7.2	DPR is completed	
M-18	Thane Ring Metro	28.7	DPR is completed	
M-10	Gaimukh to Shivaji Chowk (Mira Road)	9.2	Cabinet approval awaiting	2027-2031 (100.7 km)
M-11 (M 4 Ext)	Wadala-CSMT	12.7	Cabinet approval awaiting	
M-13	Shivaji Chowk (Mira Road) - Virar	23	DPR is in Progress	
M-19	Prabhadevi-Sewri-Jambhulpada (MTHL)	26.5	DPR is completed	
M-20	Khandeshwar to NMIA	3.7	DPR is completed	
M-21	MTHL Spur to NMIA	5.0	DPR Need to be Initiated	
M-22	Thane to Juinagar	20.6	Proposed in CTSU	

6.4.2 Suburban Network Plan for MMR for the Horizon year 2031

Suburban network (additional corridors) for the horizon year 2031 is enlisted in Table 6-9 and shown in Figure 6-9. Total suburban network for the horizon year 2031 is 172.3 km.

Table 6-9: Proposed Suburban Corridors for Horizon Year 2031

ID	Corridor Name	Length	Status as on Dec. 2018	Period
S-1	Seawoods to Uran	24.2	Under Construction/partially commissioned	Upto 2021 (28.9 km)
S-2	Airoli -Kalwa	4.7	DPR completed	
S-3	Panvel To Karjat	28.5	MRVC carried out DPR study and planned for implementation by 2025	2022-2026 (143.4 km)
S-4	Diva Vasai Road	41.5		
S-5	Diva Panvel	25.6		
S-6*	CSMT to Panvel Fast Corridor	47.8	DPR is in progress	

*Note: * Consultants have coded the corridor as metro corridor.*

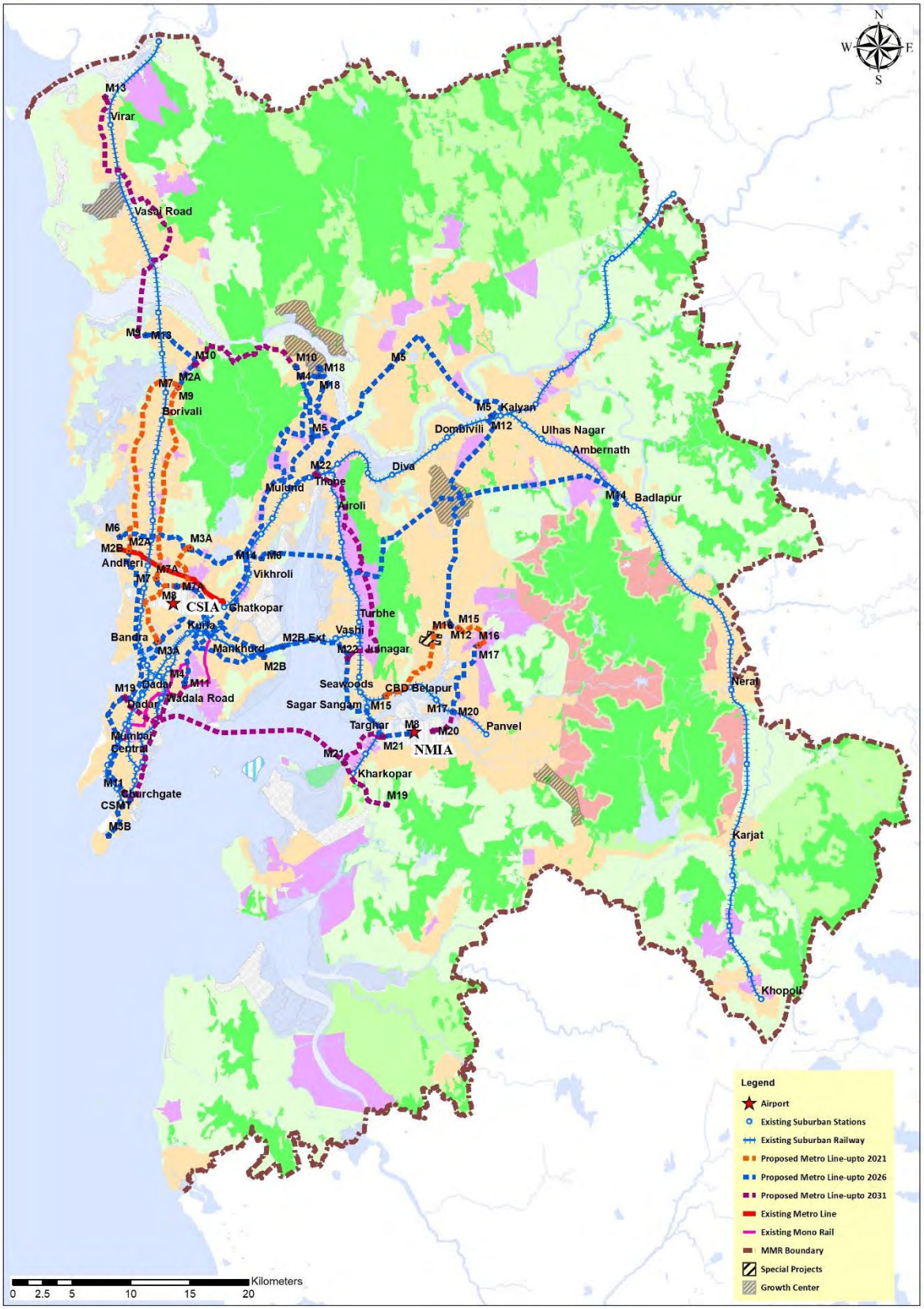


Figure 6-8: Proposed Metro Network for Horizon Year 2031

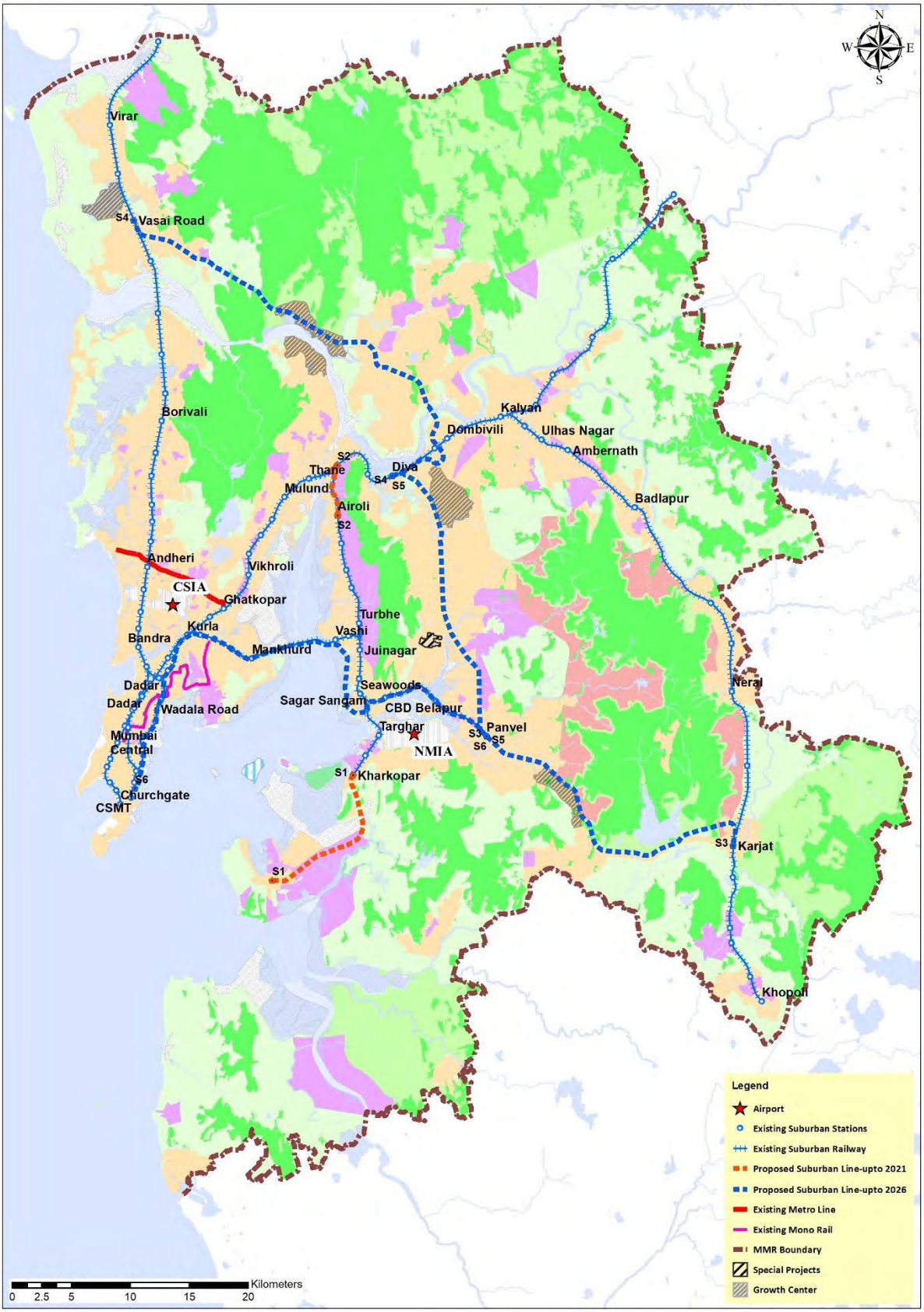


Figure 6-9: Proposed Suburban Network for the horizon Year 2031

6.4.3 Highway Network Plan for MMR for the Horizon year 2031

For the year 2031, recommended highway/ road network (additional corridors) is shown in Figure 6-10. The proposed road network for the horizon year 2031 is around 608.9 km as enlisted in Table 6-10. These proposed highway/ road corridors are in addition to proposed Highway/ Road Widening, Flyovers, Elevated Roads, RoBs/ RUBs considered for the Horizon Year 2021.

Table 6-10: Proposed Highway/ Road Corridors for Horizon Year 2031

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
H1	Elevated Link (Sewri-Worli Sea Link)	5.0	Feasibility Completed	Upto 2026 (467.3 km)
H2	MTHL	23.0	Under Construction	
H3	Multimodal Corridor (Virar to Alibag)	127.3	DPR in progress	
H4	Radial 3 (Mumbai Nashik Exp. NH3)	40.7	NHAI Completed widening of NH 3	
H5	Radial-4 (Nahur-Airoli-Nilaje-Badlapur)	35.2	Part proposed in RP	
H6	Radial-5 (Turbhe-Taloja-Usatane)	17.1	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	
H7	Mumbai-Vadodara Spur in MMR	84.8	DPR completed by NHAI	
H8	Thane-Ghodbunder	4.4	Proposed in CTSU	
H9	Western Sea Link North Extn (Bandra-Versova)	12.3	DPR completed by MSRDC	
H10	Coastal Road to Ambivali (MMC)	17.6	Proposed in CTSU	
H11	Goregaon Mulund Link Road	16.1	DPR completed by MCGM	
H12	Khopoli to Pen	31.9	Proposed in RP	
H13	Ulwe- Airport Road (CIDCO)	10.0	DPR completed by CIDCO	
H15	Kalyan Ring Road	30.9	Under Construction	
H16	Thane Creek Road	11.0	Proposed in RP	
H17	Eastern Freeway: Indian Oil Nagar to Ghatkopar	2.5	Proposed in CTSU	2026-2031 (141.6 km)
H18	Kanjurmarg - Koparkairane Creek Bridge	7.7	Proposed in RP	
H19	Western Sea Link South Extn (Worli-Marine lines)	10.4	DPR completed by MCGM	
H14 & H20	Coastal Road: Sanpada to NMIA and Thane to Sanpada	38.6	Proposed in CTSU	
H21	Spine Corridor in NAINA	43.1	Proposed in NAINA DP	
H22	Coastal Road-Marve to Ghodbunder	29.7	Proposed in RP	
H23	Western Sea Link North Extn (Versova-Kandivali)	9.6	Proposed in CTSU	

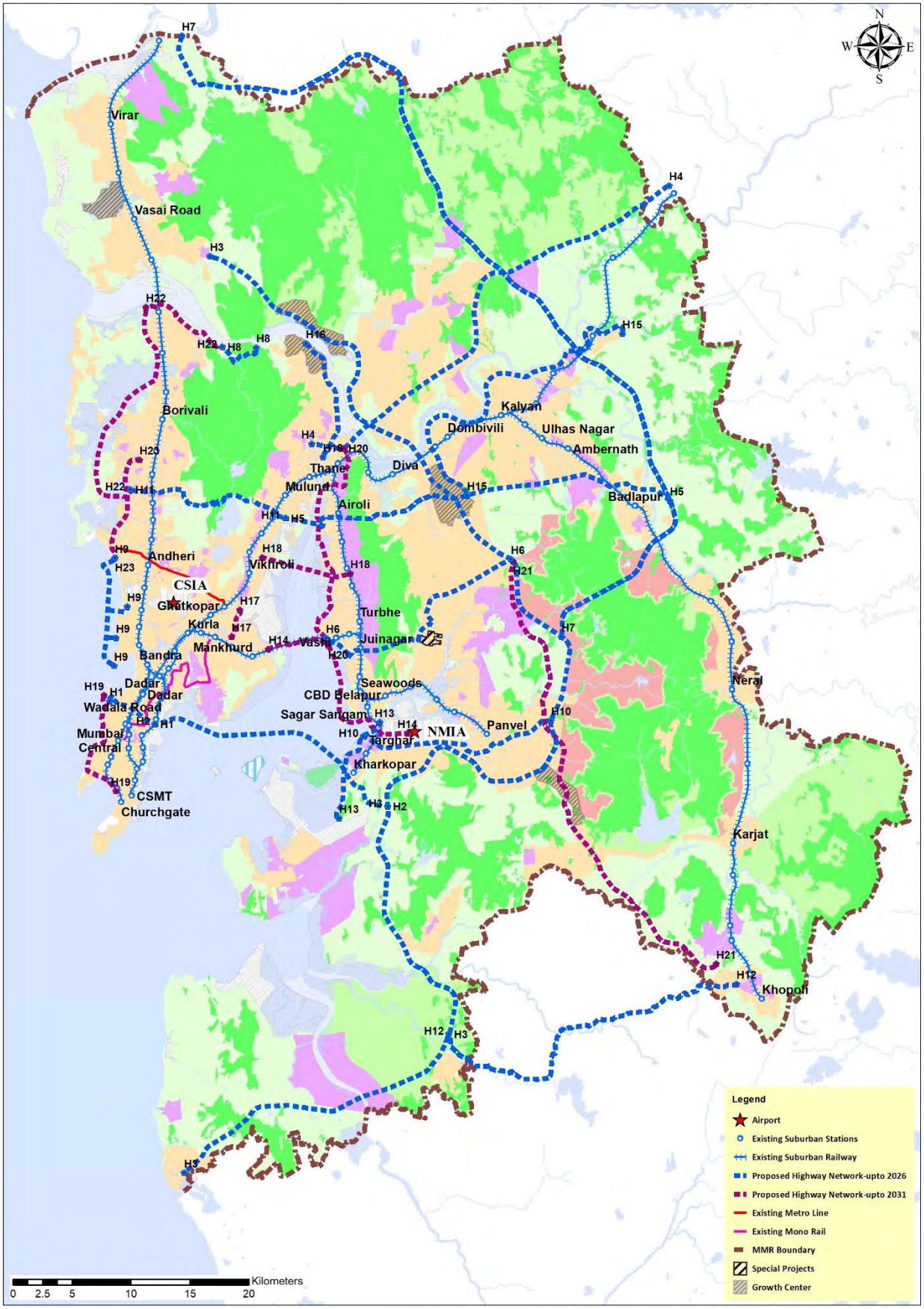


Figure 6-10: Proposed Highway Network for the horizon Year 2031

6.5 TRANSPORT NETWORK FOR THE HORIZON YEAR 2041

The long-term transportation network recommendations play a vital role to improve the transportation scenario of any region. In this context, a lot of discussions, meetings happened, and inputs were taken to finalize transport network for travel demand assessment. The network which was assigned flows/PHPDT well below the minimum capacity is also pruned and deferred to be required beyond 2041.

6.5.1 Metro Network Plan for MMR for the Horizon year 2041

Metro network for the horizon year 2041 is enlisted in Table 6-11 and represented in Figure 6-11. Total metro network length for the horizon year 2041 is 470 km.

Table 6-11: Proposed Metro Corridors for the horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
M-2A	Dahisar - DN Nagar	18.6	Under construction	Upto 2021 (60.1 km)
M-3 A	Bandra-SEEPZ	11.9	Under construction	
M-7	Dahisar (E) - Andheri (E)	16.5	Under construction	
M-15	Belapur – Taloja- Pendhar	11.1	Under construction	
M-16	Pendhar to MIDC	2	Advanced stage of approval	
M-2B	D.N. Nagar - Mandale	23.6	Under construction	2022-2026 (264.5 km)
M-2B Ext	Mandale to Mankhurd Octroi Naka	2.1	Under construction	
M-3B	Colaba-Bandra	21.3	Under construction	
M-4	Wadala -Kasarvadvali-Gaimukh	35	Under construction	
M-5	Thane-Bhiwandi-Kalyan	24.9	Tendering in process	
M-6	Swami Samarth Nagar - Vikhroli	14.5	Under construction	
M-7A	Andheri East To CSMIA Airport	3.2	Tendering in process	
M-8	Airport Metro (CSMIA – NMIA)	35	DPR in progress	
M-9	Dahisar (E)- Mira Bhayandar	10.3	Tendering in process	
M-12	Kalyan - Taloja	20.7	Cabinet approval awaiting	
M-14	Kanjurmarg-Badlapur	38	DPR is in Progress	
M-17	MIDC- Khandeshwar	7.2	DPR is completed	
M-18	Thane Ring Metro	28.7	DPR is completed	
M-10	Gaimukh to Shivaji Chowk (Mira Road)	9.2	Cabinet approval awaiting	2027-2031 (100.7 km)
M-11 (M 4 Ext)	Wadala-CSMT	12.7	Cabinet approval awaiting	
M-13	Shivaji Chowk (Mira Road) - Virar	23	DPR is in Progress	
M-19	Prabhadevi-Sewri-Jambhulpada (MTHL)	26.5	DPR is completed	
M-20	Khandeshwar to NMIA	3.7	DPR is completed	
M-21	MTHL Spur to NMIA	5.0	DPR Need to be Initiated	
M-22	Thane to Juinagar	20.6	Proposed in CTSU	
M-23	Kasarvadavali - Ambernath	41.4	Proposed in CTSU	2031-2041 (41.4 km)

6.5.2 Suburban Network Plan for MMR for the Horizon year 2041

Suburban network for the horizon year 2041 is enlisted in Table 6-12 and shown in Figure 6-12. Total suburban network for the horizon year 2041 is 232 km.

Table 6-12: Proposed Suburban Corridor for the horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec. 2018	Period
S-1	Seawoods to Uran	24.2	Under Construction/partially commissioned	Upto 2021 (28.9 km)
S-2	Airoli -Kalwa	4.7	DPR completed	
S-3	Panvel To Karjat	28.5	MRVC carried out DPR study and planned for implementation by 2025	2022-2026 (143.4 km)
S-4	Diva Vasai Road	41.5		
S-5	Diva Panvel	25.6		
S-6*	CSMT to Panvel Fast Corridor	47.8	DPR is in progress	
S-7	Chowk To Jite	25.1	Proposed in CTSU	2031-2041 (59.5 km)
S-8	Panvel To Apte	15.3	Proposed in CTSU	
S-9	Panvel To Ranjanpada	19.1	Proposed in CTSU	

*Note: * Consultants have coded the corridor as metro corridor.*

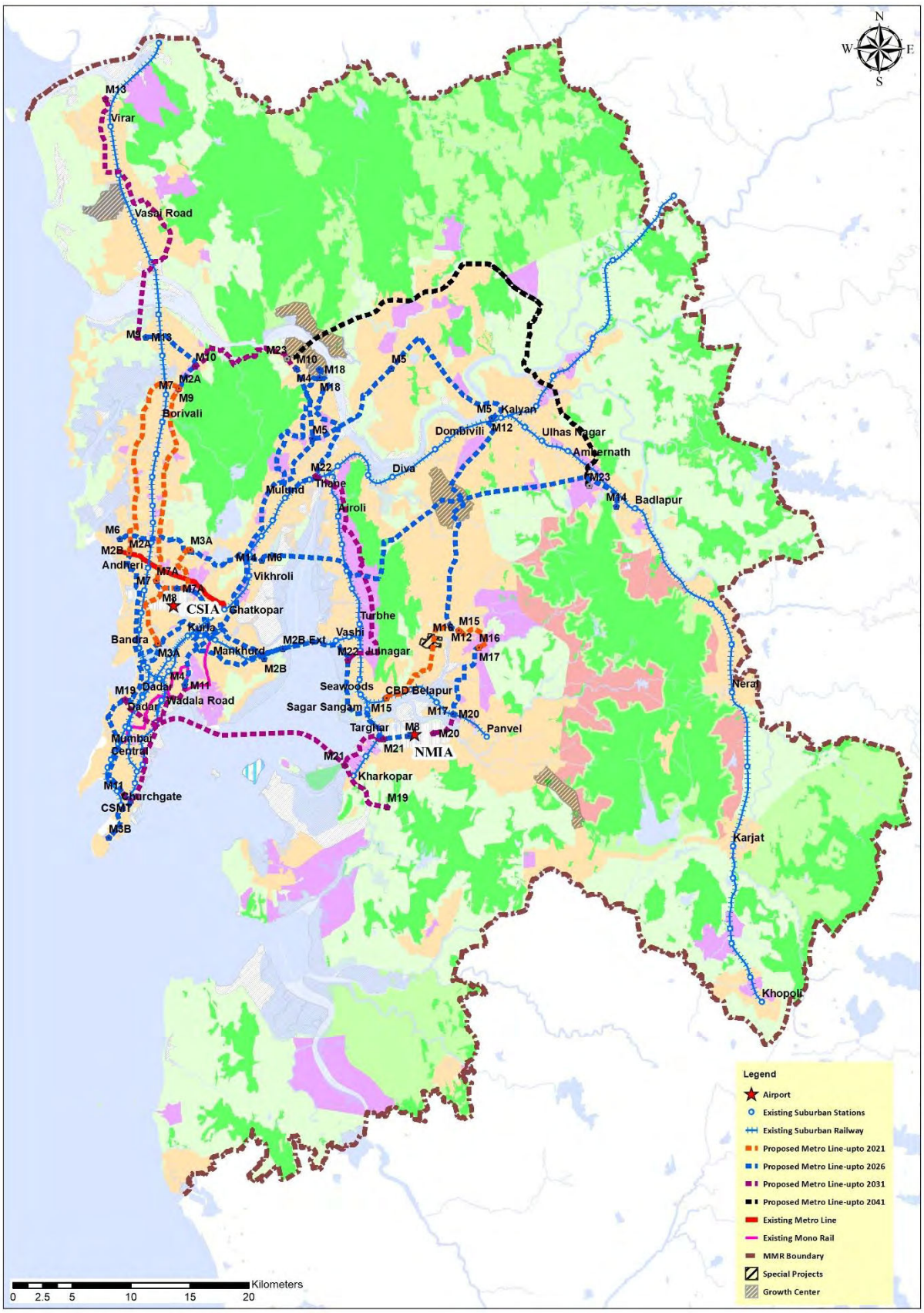


Figure 6-11: Proposed Metro Network for the Horizon Year 2041

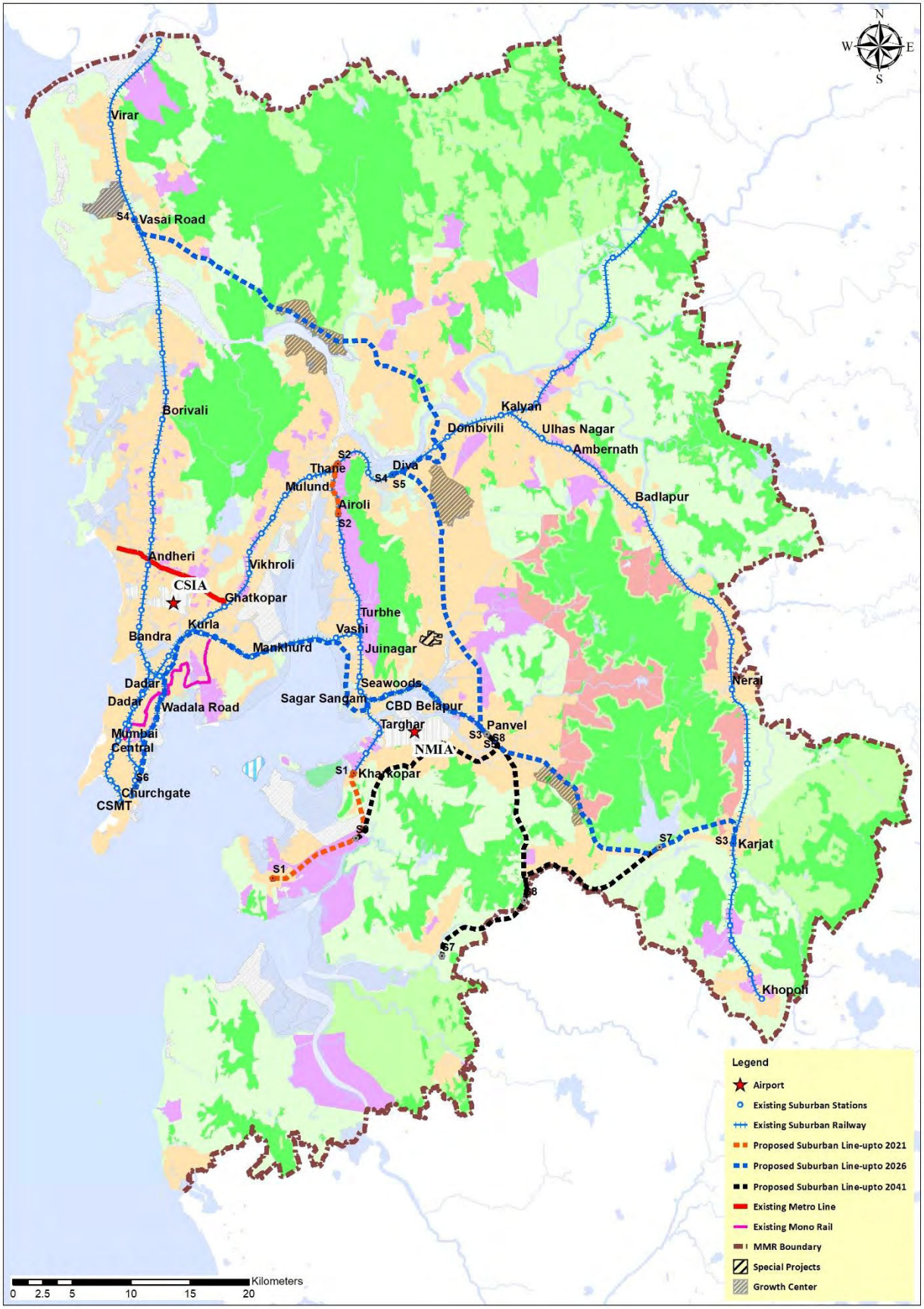


Figure 6-12: Proposed Suburban Network for Horizon Year 2041

6.5.3 Highway Network Plan for MMR for the Horizon year 2041

For the horizon year 2041, recommended Highway Network is shown in Figure 6-13. The proposed road network for the horizon year 2041 is around 742.2 km as enlisted in Table 6-13. These proposed highway/ road corridors are in addition to proposed Highway/ Road Widening, Flyovers, Elevated Roads, RoBs/ RUBs considered for the Horizon Year 2021.

Table 6-13: Proposed Highway Corridor for Horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
H1	Elevated Link (Sewri-Worli Sea Link)	5.0	Feasibility Completed	Upto 2026 (467.3 km)
H2	MTHL	23.0	Under Construction	
H3	Multimodal Corridor (Virar to Alibag)	127.3	DPR in progress	
H4	Radial 3 (Mumbai Nashik Exp. NH3)	40.7	NHAI Completed widening of NH 3	
H5	Radial-4 (Nahur-Airoli-Nilaje-Badlapur)	35.2	Part proposed in RP	
H6	Radial-5 (Turbhe-Taloja-Usatane)	17.1	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	
H7	Mumbai-Vadodara Spur in MMR	84.8	DPR completed by NHAI	
H8	Thane-Ghodbunder	4.4	Proposed in CTSU	
H9	Western Sea Link North Extn (Bandra-Versova)	12.3	DPR completed by MSRDC	
H10	Coastal Road to Ambivali (MMC)	17.6	Proposed in CTSU	
H11	Goregaon Mulund Link Road	16.1	DPR completed by MCGM	
H12	Khopoli to Pen	31.9	Proposed in RP	
H13	Ulwe-Airport Road (CIDCO)	10.0	DPR completed by CIDCO	
H15	Kalyan Ring Road	30.9	Under Construction	
H16	Thane Creek Road	11.0	Proposed in RP	
H17	Eastern Freeway: Indian Oil Nagar to Ghatkopar	2.5	Proposed in CTSU	2026-2031 (141.6 km)
H18	Kanjurmarg - Koparkairane Creek Bridge	7.7	Proposed in RP	
H19	Western Sea Link South Extn (Worli-Marine lines)	10.4	DPR completed by MCGM	
H14 & H20	Coastal Road: Sanpada to NMIA and Thane to Sanpada	38.6	Proposed in CTSU	
H21	Spine Corridor in NAINA	43.1	Proposed in NAINA DP	
H22	Coastal Road-Marve to Ghodbunder	29.7	Proposed in RP	
H23	Western Sea Link North Extn (Versova-Kandivali)	9.6	Proposed in CTSU	
H24	Radial-1 (NH-8)	28.4	NHAI completed widening of NH 8	2031-2041 (742.2 km)
H25	Radial-2 (Part of NH-3) Ghodbunder to Vadape	20.5	Proposed in RP	
H26	Belapur to MMC (Taloja MIDC)	17.2	Proposed in NAINA DP	
H27	Vichumbe(Panvel) To MMC	11.4	Proposed in CTSU	
H28	Samruddhi Corridor	19.0	MSRDC is the nodal agency, Under Construction	
H29	Dahisar-Virar	36.8	Proposed in RP	

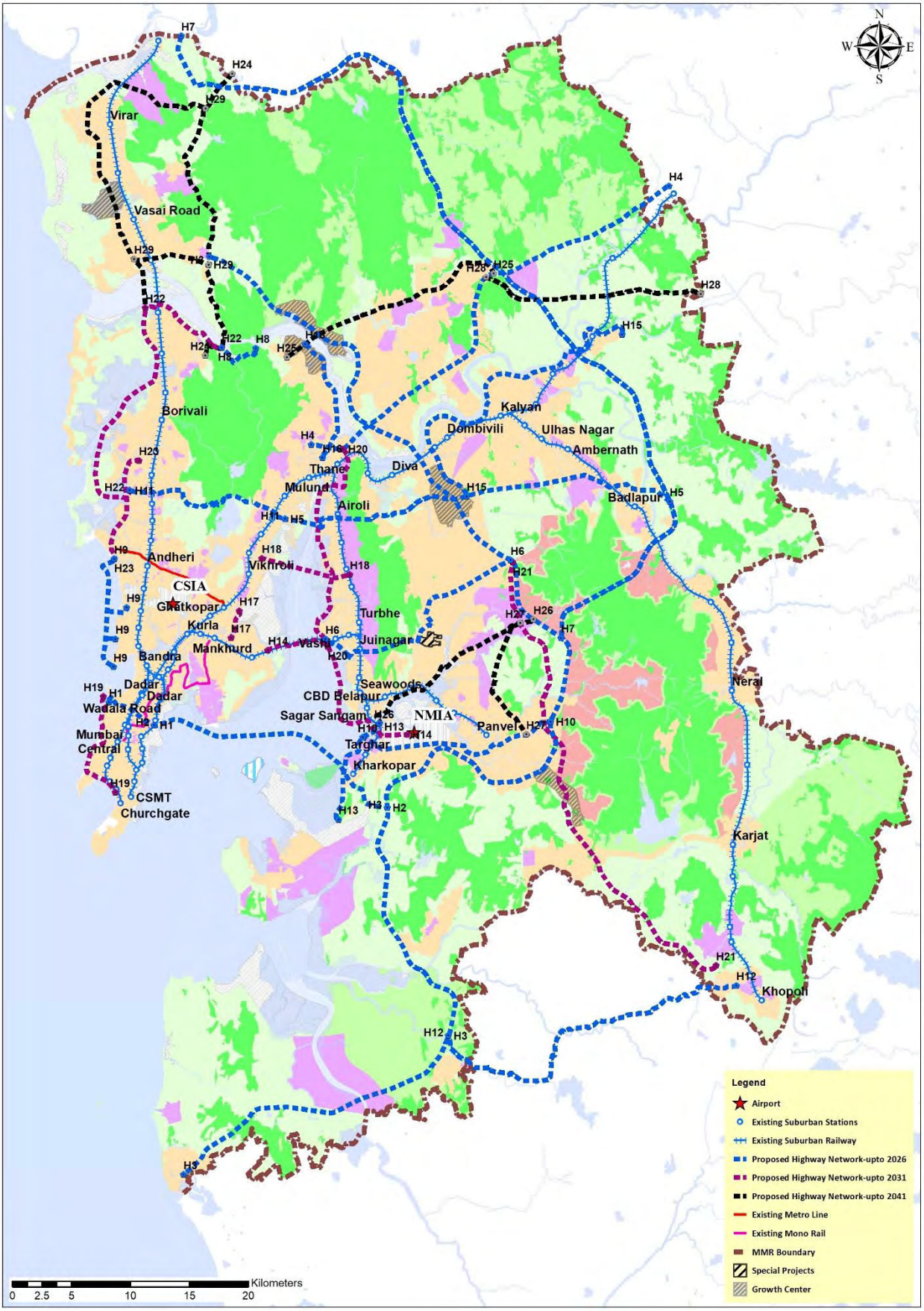


Figure 6-13: Proposed Highway Network for Horizon Year 2041

6.6 POTENTIAL CORRIDORS FOR DBL/ BRTS

Travel demand and transport network analysis carried out for metro and suburban system for the horizon period upto 2041 as presented above sections indicates some potential higher order corridors (RoW ≥ 45 m) for BRTS for the horizon period upto 2041 and the corridors proposed for BRTS are presented in Table 6-14 and shown in Figure 6-14. Approximate length of these corridors is 450 km. Further, it is generally recommended that authorities should explore for implementation of DBL/ BRTS on roads having RoW ≥ 30 m to promote road-based public transport system. Approximate length of road network having RoW ≥ 30 m in the overall road network of horizon year 2041 is about 880 km (excluding the length of higher order road network i.e. RoW ≥ 45 m).

Table 6-14: Proposed DBL/BRTS Corridor for Horizon Period upto 2041

Highway Corridor	Code	Length (km)	Period
Eastern Express Highway		19.2	2021
Lalalajpath Rai Marg-Haji Ali Jn.-Worli Naka		2.5	2021
Multimodal Corridor (Virar to Alibag)	H3	127.3	2022-26
Radial-4 (Nahur-Airoli-Nilaje-Badlapur)	H5	35.2	2022-26
Western Sea Link South Extn (Worli-Marine lines)	H19	10.4	2027-31
Western Sea Link North Extn (Bandra-Versova)	H9	12.3	2022-26
Goregaon Mulund Link Road (GMLR)	H11	16.1	2022-26
Kalyan Ring Road	H15	30.9	2022-26
Radial-5 (Turbhe-Taloja-Usatane)	H6	17.1	2022-26
Kanjurmarg - Koparkairane Creek Bridge	H18	7.7	2027-31
Spine Corridor in NAINA	H21	43.1	2027-31
Coastal Road-Marve to Ghodbunder	H22	29.7	2027-31
Western Sea Link North Extn (Versova-Kandivali)	H23	9.6	2027-31
Coastal Road (Thane to Sanpada)	H14 & H20	38.6	2027-31
Dr. B R Ambedkar Road		13.0	2027-31
Dahisar-Virar	H29	36.8	2032-41

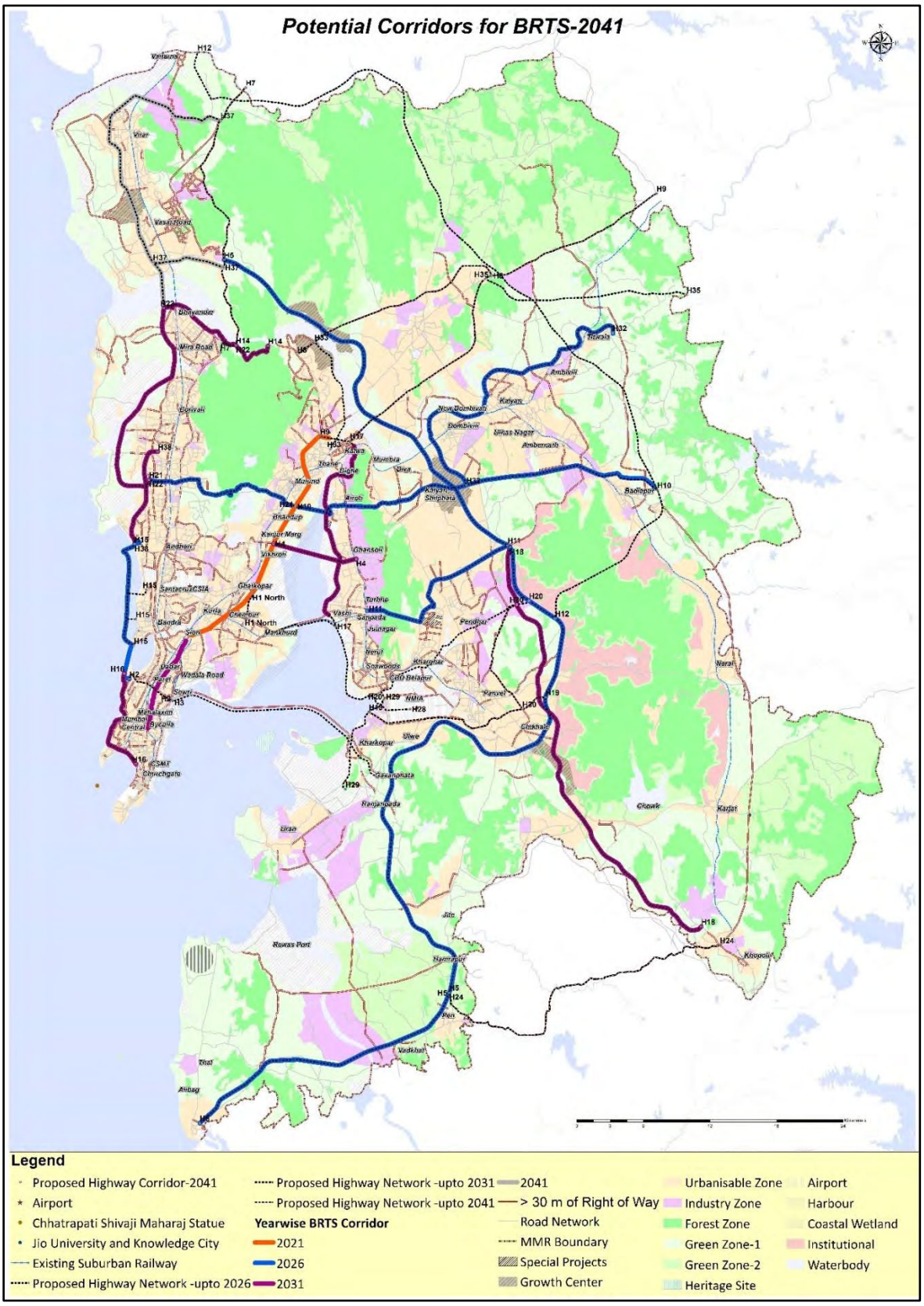


Figure 6-14: Proposed DBL/BRTS Network for Horizon Year 2041

Chapter 7

TAZ Level Distribution of Planning Parameters

7 TAZ LEVEL DISTRIBUTION OF PLANNING PARAMETERS

From 19 clusters the study area is further delineated to 1,810 traffic analysis zones. The TAZ's are delineated based on factors such as road network compatibility, geographical boundary compatibility (District Judiciary boundary, Sector boundaries), homogeneous landuse, transport access to zones. Etc. The weights of various landuse and transport criteria to be allotted in the TAZ are on basis of zonal attractions factors for distribution of planning parameters. The weights allotted to the various landuse and transport criteria for Population and Resident Workers distribution in various TAZ's is as shown in Table 7-1. The Landuse and Transport criteria are given weightage in the ratio of 50%:50%

Table 7-1: Weight allotment for Population and Resident Workers Distribution in TAZ

Sl.No.	Description	Weightage	Wt_Total
A	LANDUSE		
1	Existing Developed Area (ha)	12%	50%
2	Area Available for Development (ha)	12%	
3	CBD/ Growth Centre/ SEZ	14%	
4	Industrial Area (ha)	10%	
5	TOD (Y/N) - stations	2%	
B	TRANSPORT		
1	Length of NH (Lane-km)	3%	50%
2	Length of SH (Lane-km)	2%	
3	Length of Arterial/ Sub Arterial/ Other roads (Lane-km)	5%	
4	Bus Route length (km)	10%	
5	Length of EBL/ BRTS/MONO (km)	1%	
6	Length of Suburban (km)	14%	
7	Length of Metro (km)	15%	

The weights allotted to the various landuse and transport criteria for Office Employment distribution in various TAZ's is as shown in Table 7-2. The landuse and transport criteria are given weightage in the ratio of 40%:60%.

Table 7-2: Weight allotment for Office Employment Distribution in TAZ

Sl.No.	Description For Office	Weightage	Wt_Total
A	LANDUSE		
1	Existing Area (ha)	7%	40%
2	Area Available for Development (ha)	15%	
3	CBD/ Growth Centre/ SEZ	10%	
4	Industrial Area (ha)	6%	
5	TOD (Y/N)	2%	
B	TRANSPORT		
1	Length of NH (Lane-km)	1%	60%
2	Length of SH (Lane-km)	1%	
3	Length of Arterial/ Sub Arterial/ Other roads (Lane-km)	2%	
4	Bus route length (km)	4%	
5	Length of EBL/ BRTS/MONO (km)	7%	
6	Length of Suburban (km)	20%	
7	Length of Metro (km)	25%	

The weights allotted to the various landuse and transport criteria for Industrial Employment distribution in various TAZ is as shown in Table 7-3. The landuse and transport criteria are given weightage in the ratio of 40%:60%. The industrial locations are usually developed at strategic locations with good connectivity

with external traffic. Therefore, more weightage is given to National Highways and State Highways (25% combined).

Table 7-3: Weight allotment for Industrial Employment Distribution in TAZ

Sl.No.	Description for Industry	Weightage	Wt_Total
A	LANDUSE		
1	Area Available for Development (ha)	15%	40%
2	Industrial Area (ha)	25%	
B	TRANSPORT		
1	Length of NH (Lane-km)	15%	60%
2	Length of SH (Lane-km)	10%	
3	Length of Arterial/ Sub Arterial/ Other roads (Lane-km)	8%	
4	Bus route length (km)	4%	
5	Length of EBL/ BRTS/MONO (km)	5%	
6	Length of Suburban (km)	10%	
7	Length of Metro (km)	8%	

The other employment or service employment is dependent on the population and basic employment. Therefore its incremental is given 70% weightage of population incremental share, while 30% weightage of basic employment share as shown in Table 7-4.

Table 7-4: Weight allotment for Industrial Employment Distribution in TAZ

Sl.No.	Description	Weightage
A	Population	70%
B	Basic Employment	30%

The procedure for distribution of planning parameters from cluster level to TAZ level is the same for DRP and CTSU scenario. As mentioned in Table 7-1, Table 7-2, Table 7-3 the inputs for various criteria are taken from GIS, after the intersection of TAZ boundaries and various parameters such as industrial area, built-up area, length of National Highway, Length of State Highway, etc.

a) The intersection process (of GIS) delineated the parameters input to various TAZ;
b) After these inputs are obtained, the sum product of various inputs with their specified percentages is done so as to get the weightage of each TAZ with respect to inputs obtained for various planning parameters. More the parameters of inputs in TAZ more will be the weightage of that particular TAZ.
c) The weights of each TAZ obtained is divided with the sum of weightage allotted to all the Traffic Analysis Zones of specific clusters;
d) The ratio of sum product of individual TAZ in a particular cluster to sum product of all TAZ's within the same cluster is obtained for each individual TAZ, which is then multiplied with the incremental planning parameter (Population, Employment, Resident worker) in subsequent Horizon years;
e) The incremental obtained is added to the previous horizon years TAZ wise planning parameters to obtain the TAZ wise planning parameters of the subsequent year; and
f) In case the incremental planning parameters in subsequent horizon years negative at the cluster level, the incremental at TAZ level is taken as the product of initial horizon years planning parameter value and share of cluster level incremental planning parameters value as compared to the total incremental value at MMR level.

TAZ wise planning parameters for the horizon years 2021, 2026, 2031 and 2041 are presented in Annexure 7-1 to Annexure 7-8.

Chapter 8

Travel Demand Assessment and Transport Network Analysis for the Horizon Year 2021, 2026, 2031 And 2041 – Regional Connectivity

8 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2021, 2026, 2031 AND 2041 – REGIONAL CONNECTIVITY

8.1 INTRODUCTION

The Main focus of Updation of CTS for MMR study was to assess the travel demand using updated travel demand models and traffic & transport infrastructure for MMR for the horizon period up to 2041 under immediate-term (up to 2021), short-term (2022-26), medium-term (2027-31) and long-term (2031-41). Traffic management measures i.e. intersection improvements, installation of traffic signals, Flyovers/Interchanges, ROBs/RUBs, Pedestrian FOBs/ Subways/ Skywalks, Footpath improvements, Cycle tracks, etc. Travel demand for the horizon period up to 2041 is assessed using the updated travel demand models, updated transport networks, planning parameters, etc. EMME software has been used for travel demand assessment and network analysis and the details are presented in this chapter.

8.2 TRAVEL DEMAND ASSESSMENT DUE TO NMIA

As part of "Regional and Local Transport Connectivity Plan for NMIA" study, an attempt was made for assessment of travel demand that is generated due to the proposed NMIA including mode choice of the air passengers for the horizon period upto 2031. The details are presented in Annexure 8-1 and Annexure 8-2. Similar process has been followed for assessment of travel demand that is generated due to the proposed NMIA including mode choice of the air passengers for the horizon period upto 2041. Details are summarized as follows:

a) Air passenger forecast for NMIA for the horizon years 2026, 2031 and 2041 is 20.6 mmpa, 43.7 mppa and 61.7 mppa respectively (Conservative case);
b) Domestic and International air passenger forecast for NMIA for the horizon year 2026 is 17.7 mmpa and 2.9 mppa respectively (Conservative case);
c) Domestic and International air passenger forecast for NMIA for the horizon year 2031 is 35.2 mmpa and 8.4 mppa respectively (Conservative case);
d) Domestic and International air passenger forecast for NMIA for the horizon year 2041 is 49.0 mmpa and 12.7 mppa respectively (Conservative case); and
e) Air passenger traffic per day estimated for the horizon year 2026 is 56,000. Assessment of Air Passenger Movements for the Horizon Year 2026 is presented in Table 8-1 and graphically shown in Figure 8-1. Ground side air passenger movement is about 38,800 per day;
f) Air passenger traffic per day estimated for the horizon year 2031 is 1,20,000. Assessment of Air Passenger Movements for the Horizon Year 2031 is presented in Table 8-2 and graphically shown in Figure 8-2. Ground side air passenger movement is about 80,400 per day;
g) Air passenger traffic per day estimated for the horizon year 2041 is 2,06,000. Assessment of Air Passenger Movements for the Horizon Year 2041 is presented in Table 8-6 and graphically shown in Figure 8-3. Ground side air passenger movement is about 1,37,700 per day;
h) Air passenger ground access/ egress is distributed based on passenger origin and destination patterns observed for CSMIA in 2006 adjusted for population and employment growth for the respective horizon years i.e. 2026, 2031 and 2041.

Table 8-1: Assessment of Air Passenger Movements for the Horizon Year 2026: NMIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Navi Mumbai	16,800	16,800	33,600	33,600	33,600
Transfer Domestic	6,000	6,000	12,000	6,000	
Transfer Int.	1,200	1,200	2,400	1,200	
Sub-Total	**24,000**	**24,000**	**48,000**	**40,800**	
International					
Navi Mumbai	2,600	2,600	5,200	5,200	5,200
Transfer Domestic	1,200	1,200	2,400	1,200	
Transfer Int.	200	200	400	200	
Sub-Total	**4,000**	**4,000**	**8,000**	**6,600**	
Total	**28,000**	**28,000**	**56,000**	**47,400**	**38,800**

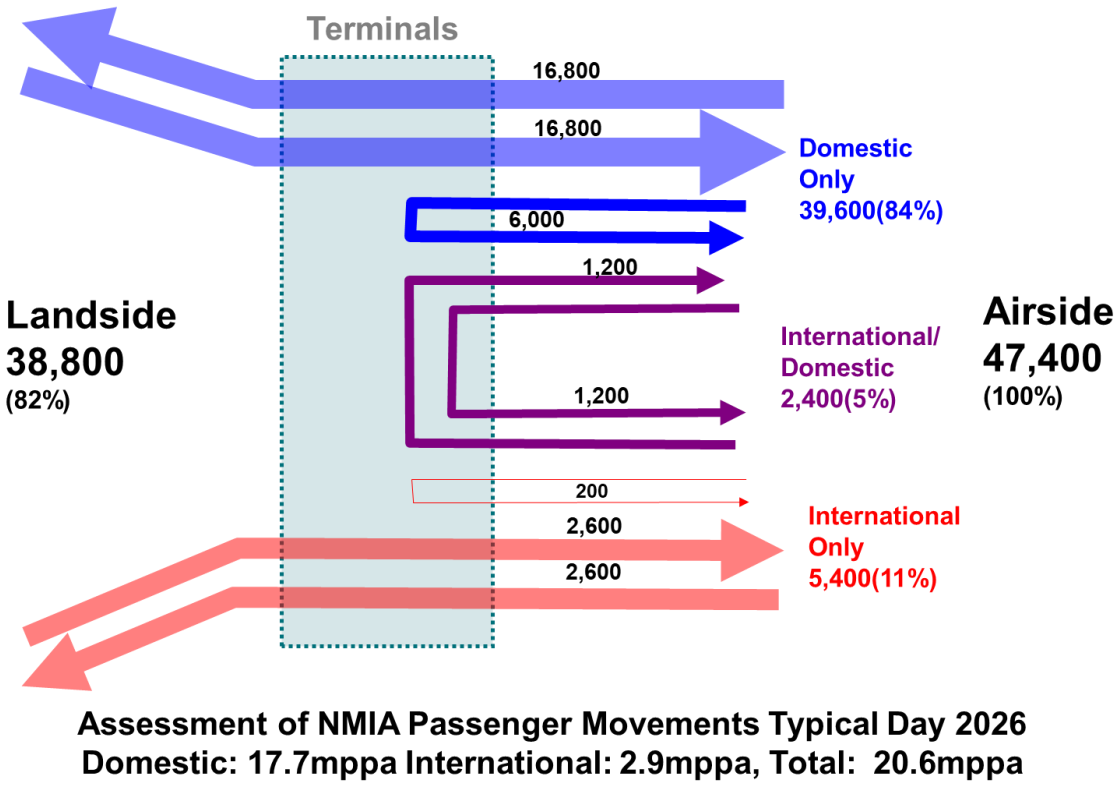


Figure 8-1: Assessment of Airport Passenger Movement on a Typical Day: NMIA (Year 2026)

Table 8-2: Assessment of Air Passenger Movements for the Horizon Year 2031: NMIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Navi Mumbai	32,400	32,400	64,800	64,800	64,800
Transfer Domestic	12,000	12,000	24,000	12,000	
Transfer Int.	3,600	3,600	7,200	3,600	
Sub-Total	**48,000**	**48,000**	**96,000**	**80,400**	
International					
Navi Mumbai	7,800	7,800	15,600	15,600	15,600
Transfer Domestic	3,600	3,600	7,200	3,600	
Transfer Int.	600	600	1,200	600	
Sub-Total	**12,000**	**12,000**	**24,000**	**19,800**	
Total	**60,000**	**60,000**	**120,000**	**100,200**	**80,400**

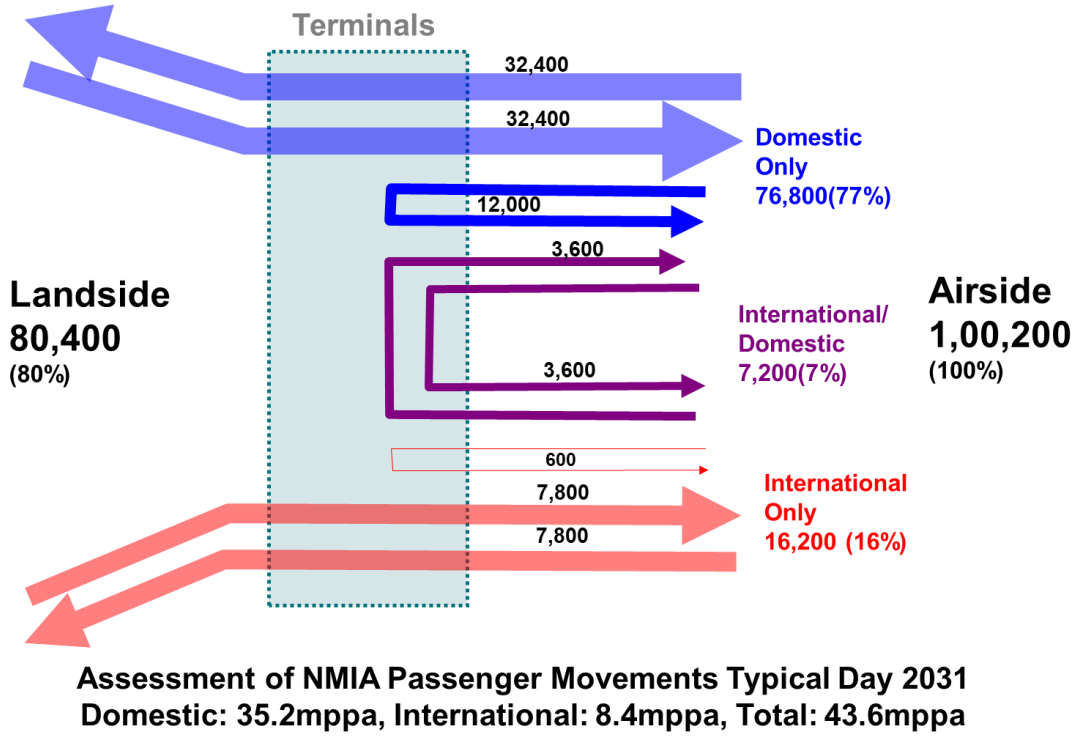


Figure 8-2: Assessment of Airport Passenger Movement on a Typical Day: NMIA (Year 2031)

Table 8-3: Assessment of Air Passenger Movements for the Horizon Year 2041: NMIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Navi Mumbai	55,200	55,200	110,400	110,400	110,400
Transfer Domestic	20,500	20,500	41,000	20,500	
Transfer Int.	6,300	6,300	12,600	6,300	
Sub-Total	**82,000**	**82,000**	**164,000**	**137,200**	
International					
Navi Mumbai	13,650	13,650	27,300	27,300	27,300
Transfer Domestic	6,300	6,300	12,600	6,300	
Transfer Int.	1,050	1,050	2,100	1,050	
Sub-Total	**21,000**	**21,000**	**42,000**	**34,650**	
Total	**103,000**	**103,000**	**206,000**	**171,850**	**137,700**

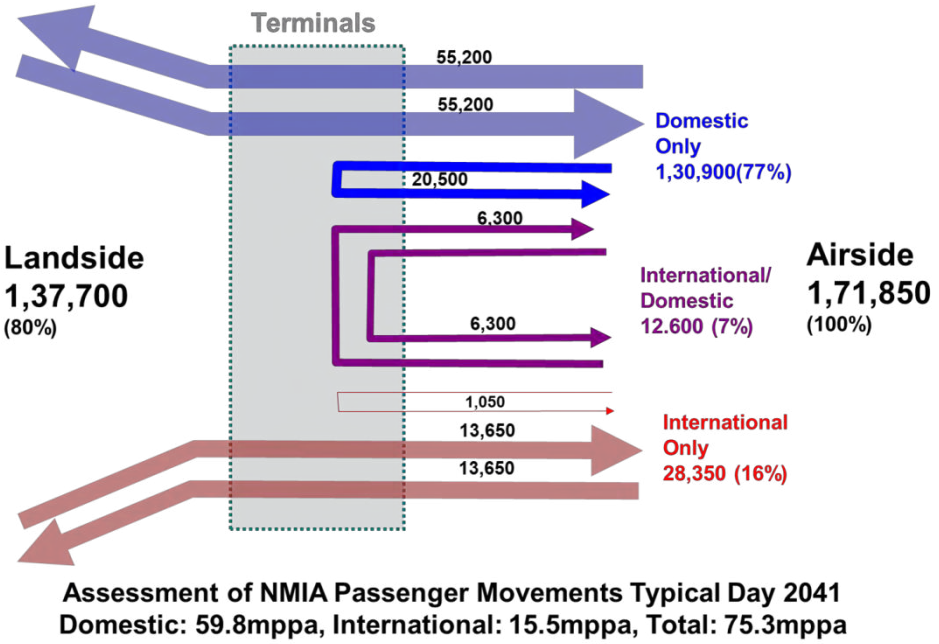


Figure 8-3: Assessment of Airport Passenger Movement on a Typical Day: NMIA (Year 2041)

Knowing the distribution of air passengers, the next step is to assess the mode choice for their travel. Two model sets of mode choice are evolved:

Model 1 for the horizon year 2026:

a) Internal (MMR): Car 45%, Taxi 39%, Rail/ Metro: 10% and Bus 6%
b) External (Outside MMR): Car/ Taxi: 85% and Bus 15%

Model 2 for the horizon years 2031 and 2041:

a) Internal (MMR): Car 35% to 40%, Taxi 20% to 40%, Rail/ Metro: 15% to 35% and Bus 6% to 20%
b) External (Outside MMR): Car/ Taxi: 85% and Bus 15%

Trips generated due to meeters/ greeters, airport employment and airport related employment are covered under internal travel demand which is assessed by making use of TAZ wise planning parameters and four stage travel demand models.

8.3 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2021

8.3.1 Travel Demand Assessment for the Horizon Year 2021: Draft RP Scenario

Purpose and mode wise travel demand for the horizon year 2021 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of the horizon year 2021 for the DRP Scenario is presented in Figure 8-4. A snapshot of the passenger flows on the public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2021) are shown in Figure 8-4 . The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2021 will be nearly 6.12 million;
b) The mode-split of trips within MMR indicate that the major modes will be Suburban (39.65%), Bus (8.03%), Metro & Mono (25.13%) followed by Two-wheeler (10.20%) and Car (6.34%); and
c) Public transport share (as the main mode) has increased marginally to 72.81% (Bus, Suburban and Metro & Mono) from 71.1% in 2017 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 17.8% in a base year (2017) to 16.54% in the horizon year 2021. IPT share has decreased from 11.1% in a base year (2017) to 10.66% in the horizon year 2021.

Table 8-4: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2021, Draft RP Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,35,827	15,610	26,341	1,09,790	3,87,569	9.45%	2.75%	1.67%	7.43%	6.34%
Two-Wheeler	3,23,005	32,953	44,600	2,23,137	6,23,695	12.94%	5.81%	2.83%	15.09%	10.20%
Auto Rickshaw	1,47,115	7,951	13,543	1,28,229	2,96,838	5.89%	1.40%	0.86%	8.67%	4.85%
Taxi	2,48,914	3,249	51,904	51,114	3,55,182	9.97%	0.57%	3.30%	3.46%	5.81%
Bus	2,03,580	31,448	68,941	1,87,040	4,91,009	8.15%	5.54%	4.38%	12.65%	8.03%
Train	5,13,242	2,94,612	8,97,058	7,20,266	24,25,177	20.56%	51.92%	56.98%	48.72%	39.65%
Metro	8,25,030	1,81,611	4,71,951	58,736	15,37,328	33.04%	32.01%	29.98%	3.97%	25.13%
Total	24,96,713	5,67,434	15,74,337	14,78,312	61,16,796	**100%**	**100%**	**100%**	**100%**	**100%**
Car	60.85%	4.03%	6.80%	28.33%	100%					
Two-Wheeler	51.79%	5.28%	7.15%	35.78%	100%					
Auto Rickshaw	49.56%	2.68%	4.56%	43.20%	100%					
Taxi	70.08%	0.91%	14.61%	14.39%	100%					
Bus	41.46%	6.40%	14.04%	38.09%	100%					
Train	21.16%	12.15%	36.99%	29.70%	100%					
Metro	53.67%	11.81%	30.70%	3.82%	100%					
Total	**40.8%**	**9.3%**	**25.7%**	**24.2%**	**100%**					

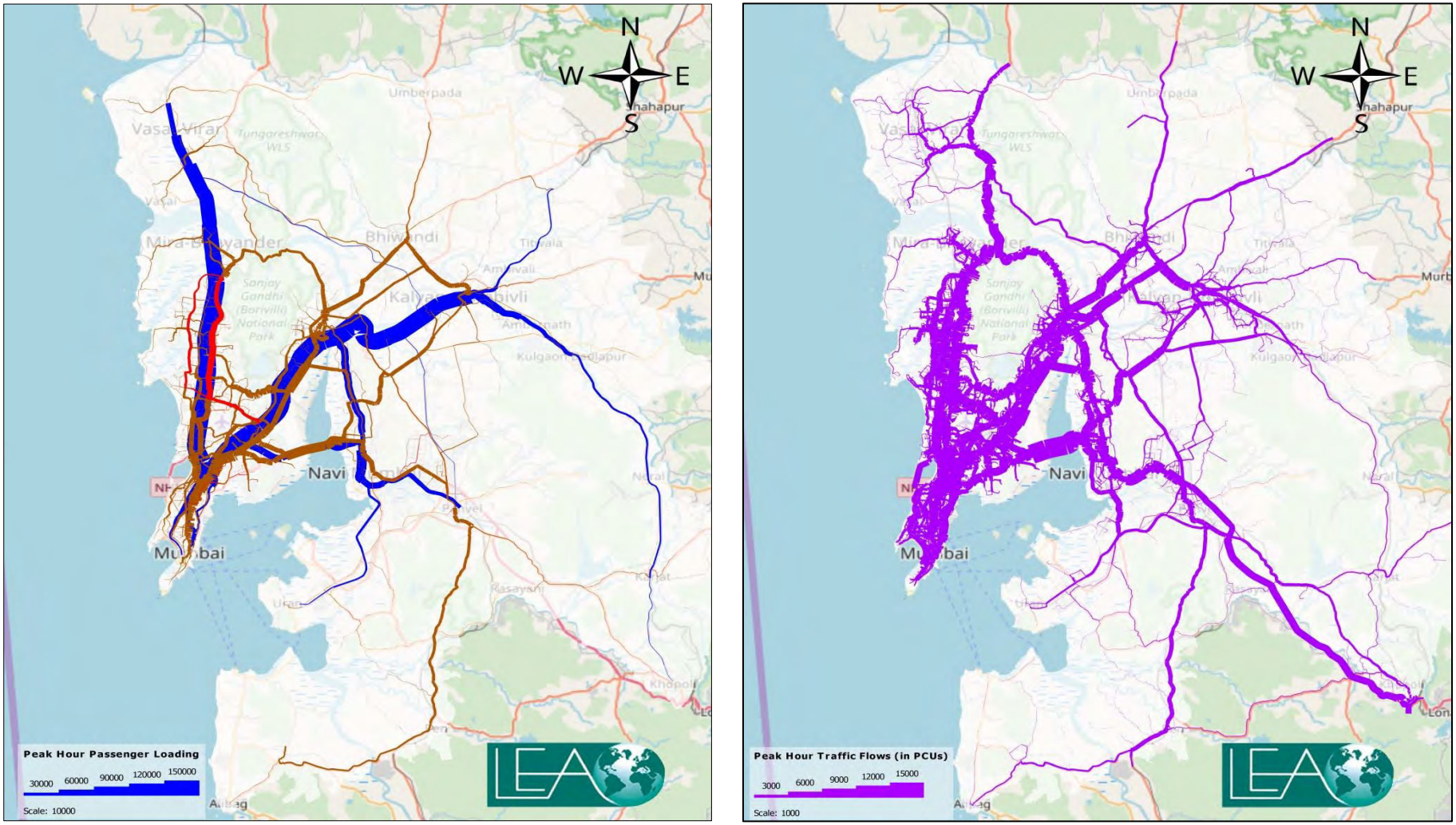


Figure 8-4: (a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows on the Road System (Horizon year 2021), Draft RP Scenario

8.3.2 Travel Demand Assessment for the Horizon Year 2021: CTSU Scenario

Purpose and mode wise travel demand for the horizon year 2021 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of the base year is presented in Table 8-5. A snapshot of the passenger flows on the public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2021) are shown in Figure 8-5. The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2021 will be nearly 6.12 million;
b) The mode-split of trips within MMR indicate that the major modes will be Suburban (39.61%), Bus (8.02%), Metro & Mono (25.14%) followed by Two-wheeler (10.20%) and Car (6.35%); and
c) Public transport share (as the main mode) has increased marginally to 72.77% (Bus, Suburban and Metro & Mono) from 71.1% in 2017 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 17.8% in a base year (2017) to 16.55% in the horizon year 2021. IPT share has decreased from 11.1% in a base year (2017) to 10.68% in the horizon year 2021.

Table 8-5: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2021, CTSU Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,40,127	14,998	26,067	1,07,029	3,88,220	9.45%	2.71%	1.66%	7.38%	6.35%
Two-Wheeler	3,28,632	31,789	44,751	2,18,785	6,23,956	12.93%	5.75%	2.85%	15.08%	10.20%
Auto Rickshaw	1,52,052	7,593	13,442	1,25,307	2,98,395	5.98%	1.37%	0.85%	8.64%	4.88%
Taxi	2,50,779	3,097	51,163	50,014	3,55,053	9.87%	0.56%	3.25%	3.45%	5.80%
Bus	2,07,805	30,833	68,989	1,82,942	4,90,570	8.18%	5.57%	4.39%	12.61%	8.02%
Train	5,24,099	2,89,251	9,00,061	7,09,970	24,23,382	20.62%	52.28%	57.24%	48.95%	39.61%
Metro	8,37,674	1,75,736	4,68,014	56,363	15,37,787	32.96%	31.76%	29.76%	3.89%	25.14%
Total	**25,41,169**	**5,53,297**	**15,72,487**	**14,50,411**	**61,17,363**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	61.96%	3.87%	6.73%	27.62%	100%					
Two-Wheeler	52.69%	5.10%	7.18%	35.08%	100%					
Auto Rickshaw	51.22%	2.56%	4.53%	42.21%	101%					
Taxi	70.61%	0.87%	14.40%	14.08%	100%					
Bus	42.32%	6.28%	14.05%	37.26%	100%					
Train	21.61%	11.93%	37.11%	29.28%	100%					
Metro	54.49%	11.43%	30.44%	3.67%	100%					
Total	**41.5%**	**9.0%**	**25.7%**	**23.7%**	**100%**					

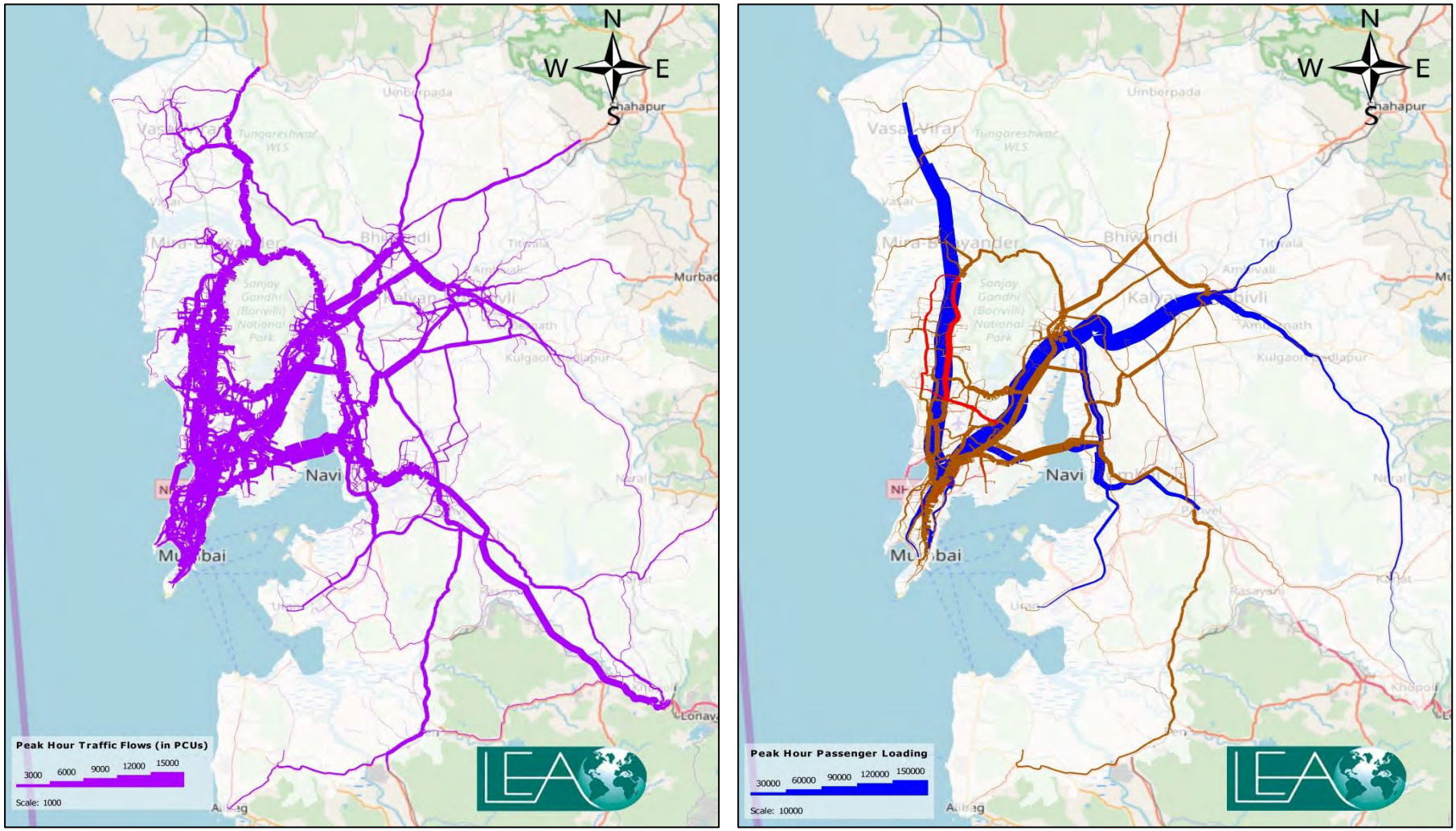


Figure 8-5: a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows On the Road System (Horizon year 2021), CTSU Scenario.

8.4 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2026

8.4.1 Travel Demand Assessment for the Horizon Year 2026: Draft RP Scenario

Purpose and mode wise travel demand for the horizon year 2026 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of the base year is presented in Table 8-6. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2026) are shown in Figure 8-6 . The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2026 will be nearly 6.55 million;
b) The mode-split of trips within MMR indicate that the major modes will be Suburban (37.79%), Bus (8.23%), Metro & Mono (27.75%) followed by Two-wheeler (10.17%) and Car (6.25%); and
c) Public transport share (as the main mode) has increased marginally to 73.77% (Bus, Suburban and Metro & Mono) from 72.81% in 2021 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 16.54% in the horizon year 2021 to 16.41% in the horizon year 2026. IPT share has decreased from 10.66% in the year 2021 to 9.82% in horizon year 2026.

Table 8-6: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2026, Draft RP Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,33,486	15,539	24,740	1,35,469	4,09,234	9.69%	2.40%	1.48%	7.44%	6.25%
Two-Wheeler	3,10,145	32,287	42,094	2,81,139	6,65,665	12.87%	4.99%	2.52%	15.44%	10.17%
Auto Rickshaw	1,32,949	9,618	15,041	1,57,409	3,15,018	5.52%	1.49%	0.90%	8.64%	4.81%
Taxi	2,04,406	4,461	55,759	63,233	3,27,859	8.48%	0.69%	3.34%	3.47%	5.01%
Bus	1,91,963	38,516	81,402	2,27,060	5,38,942	7.96%	5.95%	4.88%	12.47%	8.23%
Train	4,78,806	3,04,335	9,24,019	7,67,376	24,74,536	19.86%	47.03%	55.34%	42.13%	37.79%
Metro	8,58,741	2,42,290	5,26,525	1,89,615	18,17,170	35.63%	37.45%	31.54%	10.41%	27.75%
Total	**24,10,496**	**6,47,046**	**16,69,581**	**18,21,301**	**65,48,424**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	57.05%	3.80%	6.05%	33.10%	100%					
Two-Wheeler	46.59%	4.85%	6.32%	42.23%	100%					
Auto Rickshaw	42.20%	3.05%	4.77%	49.97%	100%					
Taxi	62.35%	1.36%	17.01%	19.29%	100%					
Bus	35.62%	7.15%	15.10%	42.13%	100%					
Train	19.35%	12.30%	37.34%	31.01%	100%					
Metro	47.26%	13.33%	28.97%	10.43%	100%					
Total	**36.81%**	**9.88%**	**25.50%**	**27.81%**	**100%**					

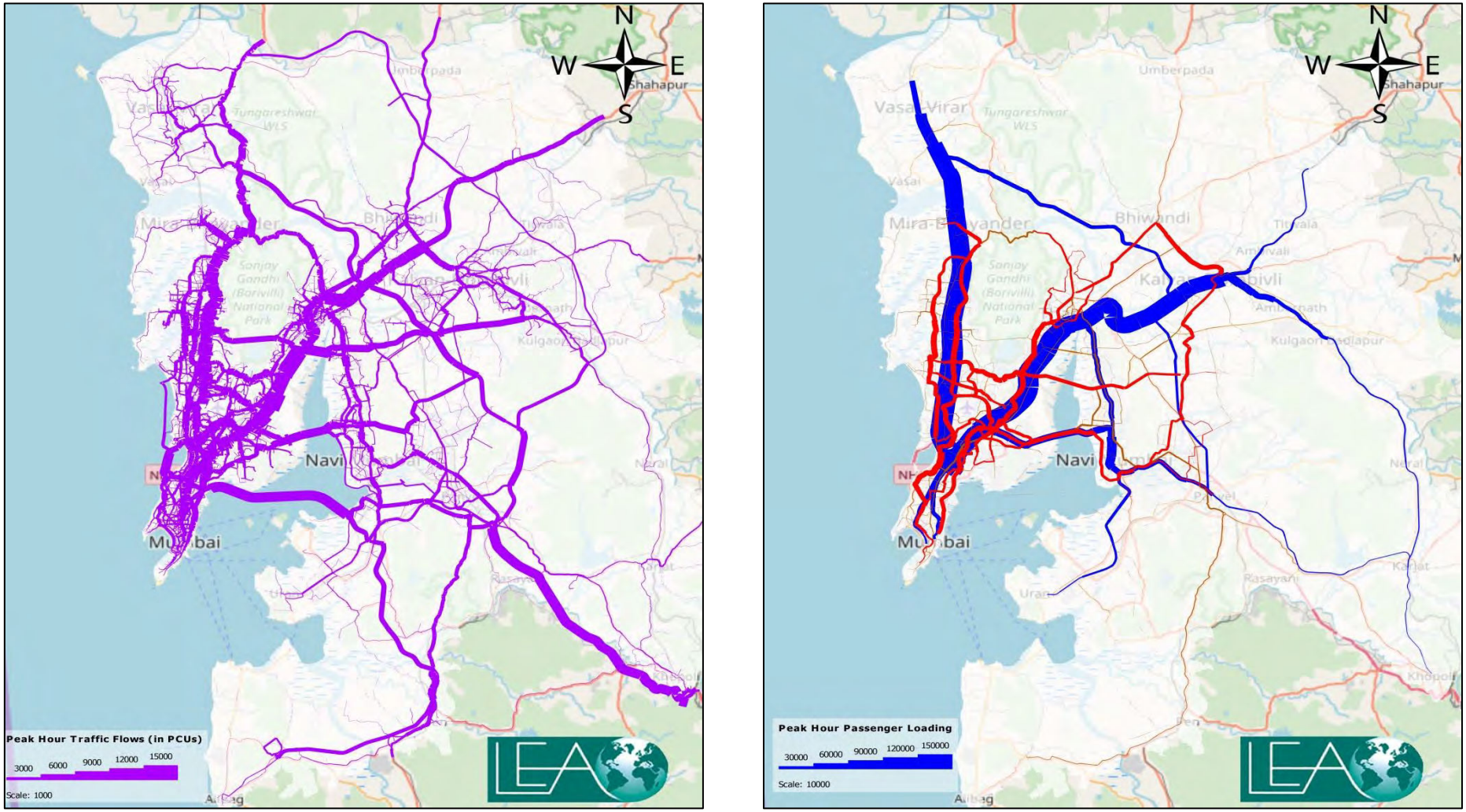


Figure 8-6: (a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows On the Road System (Horizon year 2026), Draft RP Scenario

8.4.2 Travel Demand Assessment for the Horizon Year 2026: CTSU Scenario

Purpose and mode wise travel demand for the horizon year 2026 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of base year is presented in Table 8-7. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2026) are shown in Figure 8-7. The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2026 will be nearly 6.55 million;
b) The mode-split of trips within MMR indicate that, the major modes will be Suburban (27.34%), Bus (7.17%), Metro & Mono (27.34%) followed by Two-wheeler (9.24%) and Car (5.95%); and
c) Public transport share (as main mode) has increased to 75.32% (Bus, Suburban and Metro & Mono) from 72.77% in 2021 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 16.55% in the year 2021 to 15.20% in horizon year 2026. IPT share has decreased from 10.68% in year 2021 to 9.48% in horizon year 2026.

Table 8-7: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2026, CTSU Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,48,029	13,440	21,756	1,06,734	3,89,959	9.77%	2.00%	1.30%	6.43%	5.95%
Two-Wheeler	3,29,951	26,173	36,033	2,13,223	6,05,380	12.99%	3.89%	2.15%	12.84%	9.24%
Auto Rickshaw	1,45,918	9,079	14,222	1,32,007	3,01,225	5.75%	1.35%	0.85%	7.95%	4.60%
Taxi	2,11,688	4,242	50,409	53,334	3,19,673	8.34%	0.63%	3.01%	3.21%	4.88%
Bus	2,05,727	30,963	67,002	1,66,072	4,69,765	8.10%	4.60%	4.00%	10.00%	7.17%
Train	5,05,468	1,85,776	6,37,861	4,61,594	17,90,699	19.90%	27.59%	38.08%	27.79%	27.34%
Metro	8,92,659	4,03,735	8,47,885	5,27,830	26,72,109	35.15%	59.95%	50.61%	31.78%	40.80%
Total	**25,39,440**	**6,73,409**	**16,75,168**	**16,60,793**	**65,48,810**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	63.60%	3.45%	5.58%	27.37%	100%					
Two-Wheeler	54.50%	4.32%	5.95%	35.22%	100%					
Auto Rickshaw	48.44%	3.01%	4.72%	43.82%	100%					
Taxi	66.22%	1.33%	15.77%	16.68%	100%					
Bus	43.79%	6.59%	14.26%	35.35%	100%					
Train	28.23%	10.37%	35.62%	25.78%	100%					
Metro	33.41%	15.11%	31.73%	19.75%	100%					
Total	**38.78%**	**10.28%**	**25.58%**	**25.36%**	**100%**					

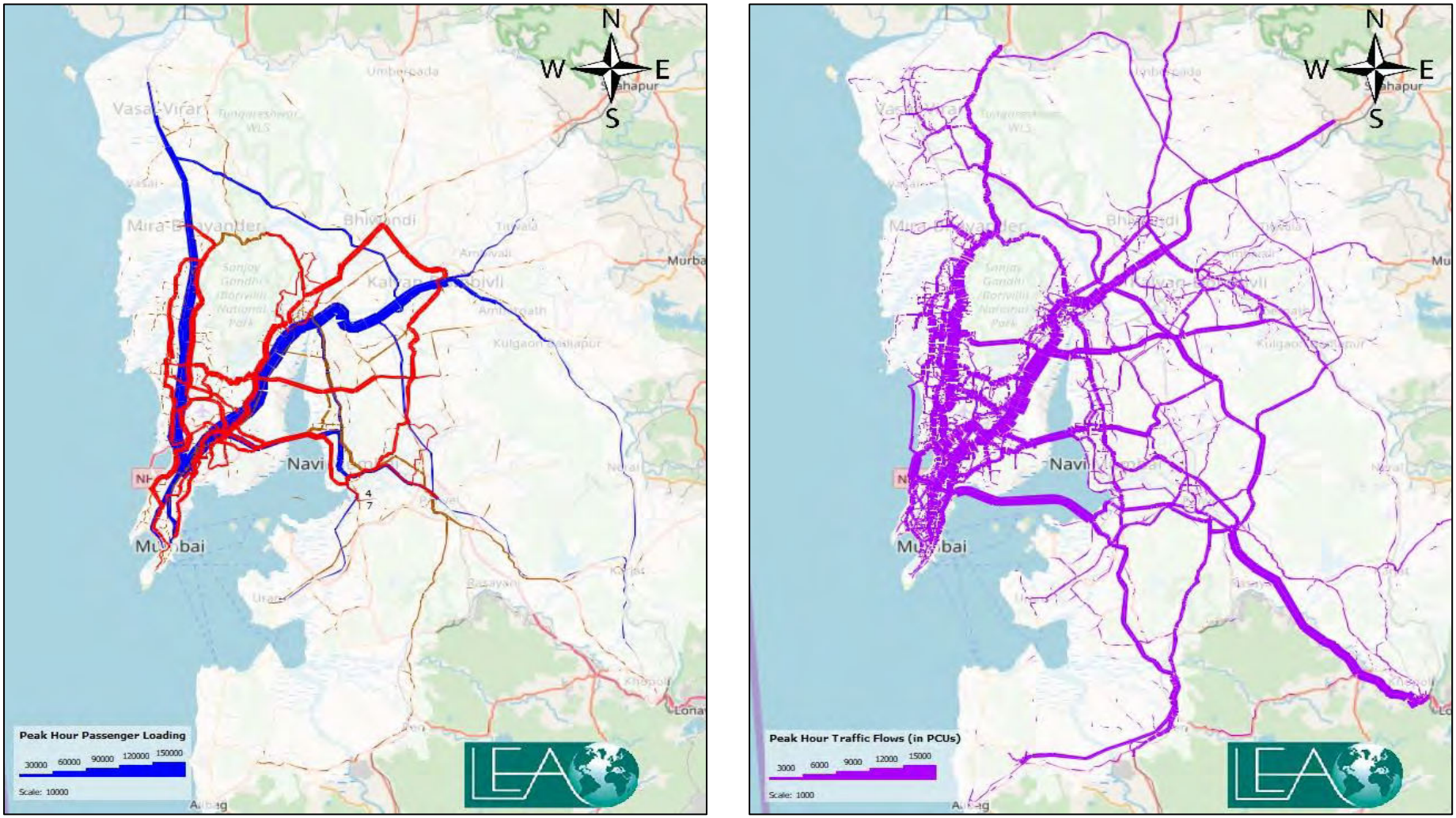


Figure 8-7: a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows On the Road System (Horizon year 2026), CTSU Scenario.

8.5 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2031

8.5.1 Travel Demand Assessment for the Horizon Year 2031: Draft RP Scenario

Purpose and mode wise travel demand for the horizon year 2031 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of base year is presented in Table 8-8. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2031) are shown in Figure 8-8.

The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2031 will be nearly 7.06 million;
b) The mode-split of trips within MMR indicate that, the major modes will be Suburban (30.14%), Bus (6.45%), Metro & Mono (42.09%) followed by Two-wheeler (8.41%) and Car (5.41%); and
c) Public transport share (as main mode) has increased to 78.68% (Bus, Suburban and Metro & Mono) from 73.77% in 2026 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 16.41% in 2026 to 13.82% in horizon year 2031. IPT share has decreased from 9.82% in 2026 to 7.49% in horizon year 2031.

Table 8-8: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2031, Draft RP Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,18,027	13,755	22,152	1,28,140	3,82,074	9.75%	1.70%	1.19%	5.94%	5.41%
Two-Wheeler	2,83,329	25,586	34,343	2,50,593	5,93,850	12.67%	3.16%	1.85%	11.62%	8.41%
Auto Rickshaw	1,10,967	7,700	12,290	1,35,255	2,66,213	4.96%	0.95%	0.66%	6.27%	3.77%
Taxi	1,60,367	2,966	46,494	52,958	2,62,786	7.17%	0.37%	2.50%	2.46%	3.72%
Bus	1,75,174	31,032	67,898	1,81,503	4,55,607	7.83%	3.84%	3.65%	8.42%	6.45%
Train	4,51,941	2,27,787	7,59,322	6,88,939	21,27,989	20.21%	28.16%	40.85%	31.95%	30.14%
Metro	8,36,117	5,00,124	9,16,430	7,18,647	29,71,318	37.39%	61.82%	49.30%	33.33%	42.09%
Total	**22,35,924**	**8,08,950**	**18,58,927**	**21,56,035**	**70,59,837**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	57.06%	3.60%	5.80%	33.54%	100%					
Two-Wheeler	47.71%	4.31%	5.78%	42.20%	100%					
Auto Rickshaw	41.68%	2.89%	4.62%	50.81%	100%					
Taxi	61.03%	1.13%	17.69%	20.15%	100%					
Bus	38.45%	6.81%	14.90%	39.84%	100%					
Train	21.24%	10.70%	35.68%	32.38%	100%					
Metro	28.14%	16.83%	30.84%	24.19%	100%					
Total	**31.7%**	**11.5%**	**26.3%**	**30.5%**	**100%**					

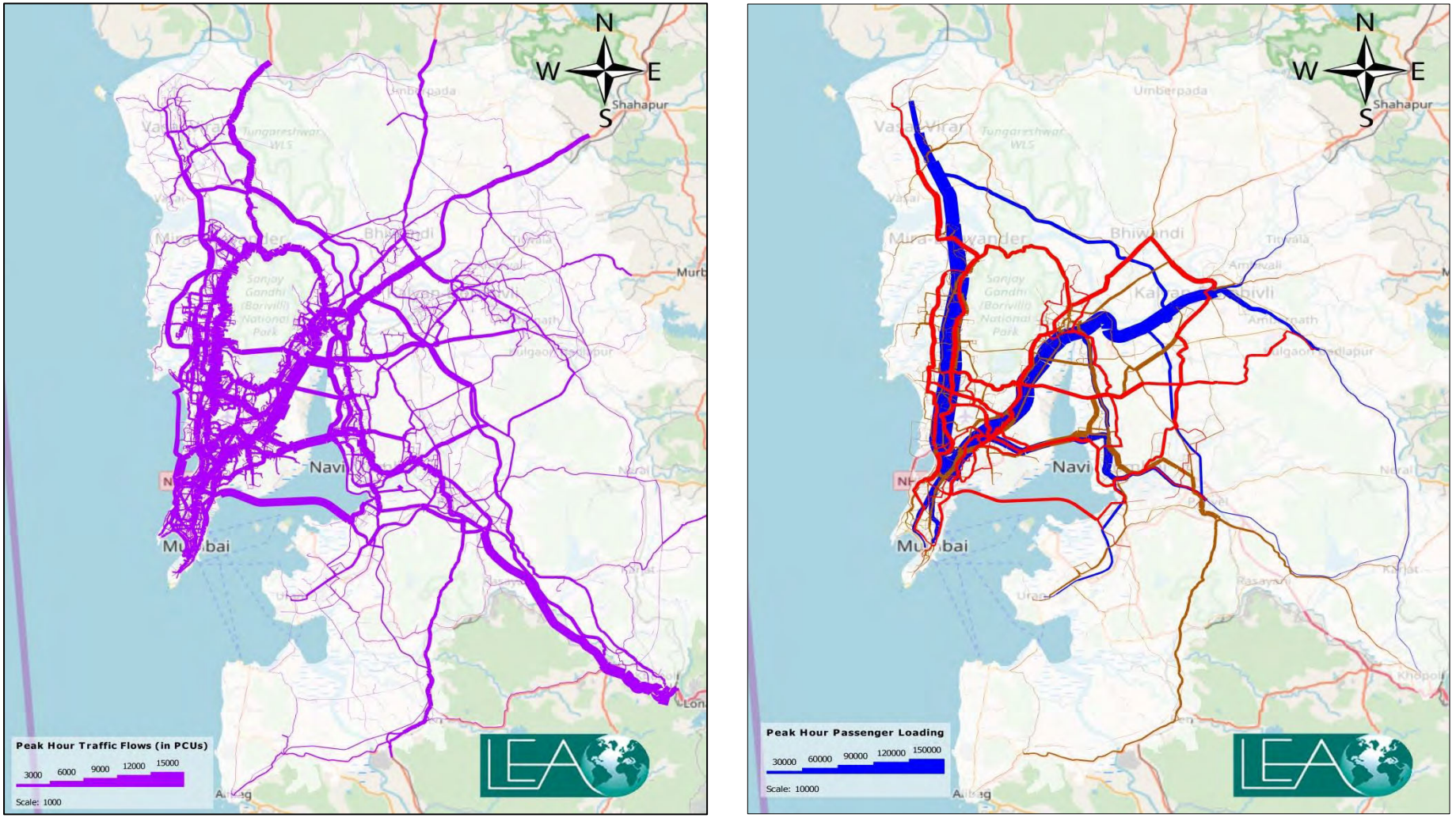


Figure 8-8: a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows On the Road System (Horizon year 2031), DRP Scenario.

8.5.2 Travel Demand Assessment for the Horizon Year 2031: CTSU Scenario

Purpose and mode wise travel demand for the horizon year 2031 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of base year is presented in Table 8-9. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2031) are shown in Figure 8-9.The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2031 will be nearly 7.06 million;
b) The mode-split of trips within MMR indicate that, the major modes will be Suburban (29.56%), Bus (6.52%), Metro & Mono (42.21%) followed by Two-wheeler (8.54%) and Car (5.54%); and
   Public transport share (as main mode) has increased marginally to 78.30% (Bus, Suburban and Metro & Mono) from 75.32% in 2026 (Bus, Suburban and Metro & Mono). Private vehicle share has decreased from 15.20% in 2026 to 14.08% in horizon year 2031. IPT share has decreased from 9.48% in 2026 to 7.62% in horizon year 2031.

Table 8-9: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2031, CTSU Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,44,425	12,925	20,714	1,13,371	3,91,435	9.71%	1.59%	1.16%	5.82%	5.54%
Two-Wheeler	3,18,777	24,648	32,583	2,26,889	6,02,897	12.67%	3.04%	1.83%	11.65%	8.54%
Auto Rickshaw	1,26,797	7,076	11,123	1,20,491	2,65,487	5.04%	0.87%	0.62%	6.19%	3.76%
Taxi	1,77,026	2,741	45,086	47,607	2,72,460	7.03%	0.34%	2.53%	2.44%	3.86%
Bus	1,98,567	30,291	64,734	1,67,071	4,60,663	7.89%	3.73%	3.63%	8.58%	6.52%
Train	5,11,148	2,29,135	7,24,513	6,22,335	20,87,131	20.31%	28.22%	40.60%	31.95%	29.56%
Metro	9,39,995	5,05,114	8,85,661	6,49,882	29,80,651	37.35%	62.21%	49.63%	33.37%	42.21%
Total	**25,16,734**	**8,11,931**	**17,84,413**	**19,47,646**	**70,60,724**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	62.44%	3.30%	5.29%	28.96%	100%					
Two-Wheeler	52.87%	4.09%	5.40%	37.63%	100%					
Auto Rickshaw	47.76%	2.67%	4.19%	45.38%	100%					
Taxi	64.97%	1.01%	16.55%	17.47%	100%					
Bus	43.10%	6.58%	14.05%	36.27%	100%					
Train	24.49%	10.98%	34.71%	29.82%	100%					
Metro	31.54%	16.95%	29.71%	21.80%	100.00%					
Total	**35.64%**	**11.50%**	**25.27%**	**27.58%**	**100.00%**					

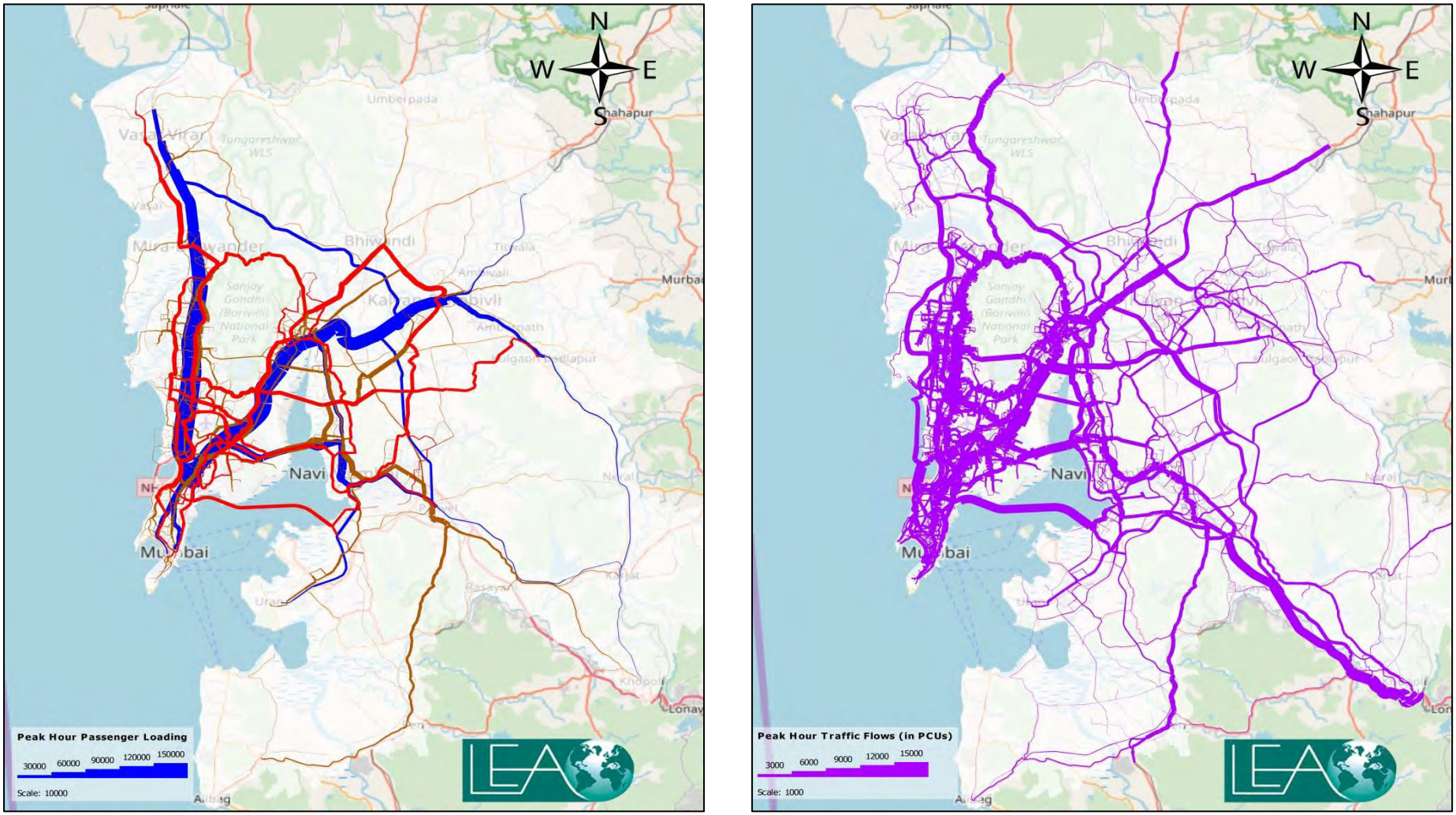


Figure 8-9: (a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows on the Road System (Horizon year 2031), CTSU Scenario.

8.6 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2041

8.6.1 Travel Demand Assessment for the Horizon Year 2041: Draft RP Scenario

Purpose and mode wise travel demand for the horizon year 2041 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of base year is presented in Table 8-10. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2041) are shown in Figure 8-10 . The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2041 will be nearly 8.01 million;
b) The mode-split of trips within MMR indicate that, the major modes will be Suburban (31.02%), Bus (6.07%), Metro & Mono (42.33%) followed by Two-wheeler (8.42%) and Car (5.4%); and
c) Public transport share (as main mode) has increased to 79.42% (Bus, Suburban and Metro & Mono) from 78.68% in 2031 (Bus, Suburban and Metro & Mono). Private vehicle share has marginally increased from 13.82% in 2031 to 13.83% in horizon year 2041. IPT share has decreased from 7.49% in 2031 to 6.67% in horizon year 2041.

Table 8-10: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2041, Draft RP Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,12,019	14,925	26,480	1,79,371	4,32,794	10.58%	1.68%	1.25%	5.97%	5.40%
Two-Wheeler	2,60,698	26,473	38,331	3,49,642	6,75,144	13.00%	2.98%	1.81%	11.64%	8.42%
Auto Rickshaw	93,910	7,593	12,894	1,69,538	2,83,935	4.68%	0.85%	0.61%	5.64%	3.54%
Taxi	1,42,242	2,826	48,045	64,340	2,57,453	7.09%	0.32%	2.27%	2.14%	3.21%
Bus	1,49,160	33,352	74,366	2,29,602	4,86,479	7.44%	3.76%	3.51%	7.64%	6.07%
Train	3,95,471	2,48,252	8,57,701	9,84,094	24,85,518	19.73%	27.95%	40.52%	32.76%	31.02%
Metro	7,51,378	5,54,750	10,59,106	10,27,241	33,92,474	37.48%	62.46%	50.03%	34.20%	42.33%
Total	**20,04,878**	**8,88,171**	**21,16,922**	**30,03,827**	**80,13,798**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	48.99%	3.45%	6.12%	41.44%	100%					
Two-Wheeler	38.61%	3.92%	5.68%	51.79%	100%					
Auto Rickshaw	33.07%	2.67%	4.54%	59.71%	100%					
Taxi	55.25%	1.10%	18.66%	24.99%	100%					
Bus	30.66%	6.86%	15.29%	47.20%	100%					
Train	15.91%	9.99%	34.51%	39.59%	100%					
Metro	22.15%	16.35%	31.22%	30.28%	100%					
Total	**25.02%**	**11.08%**	**26.42%**	**37.48%**	**100%**					

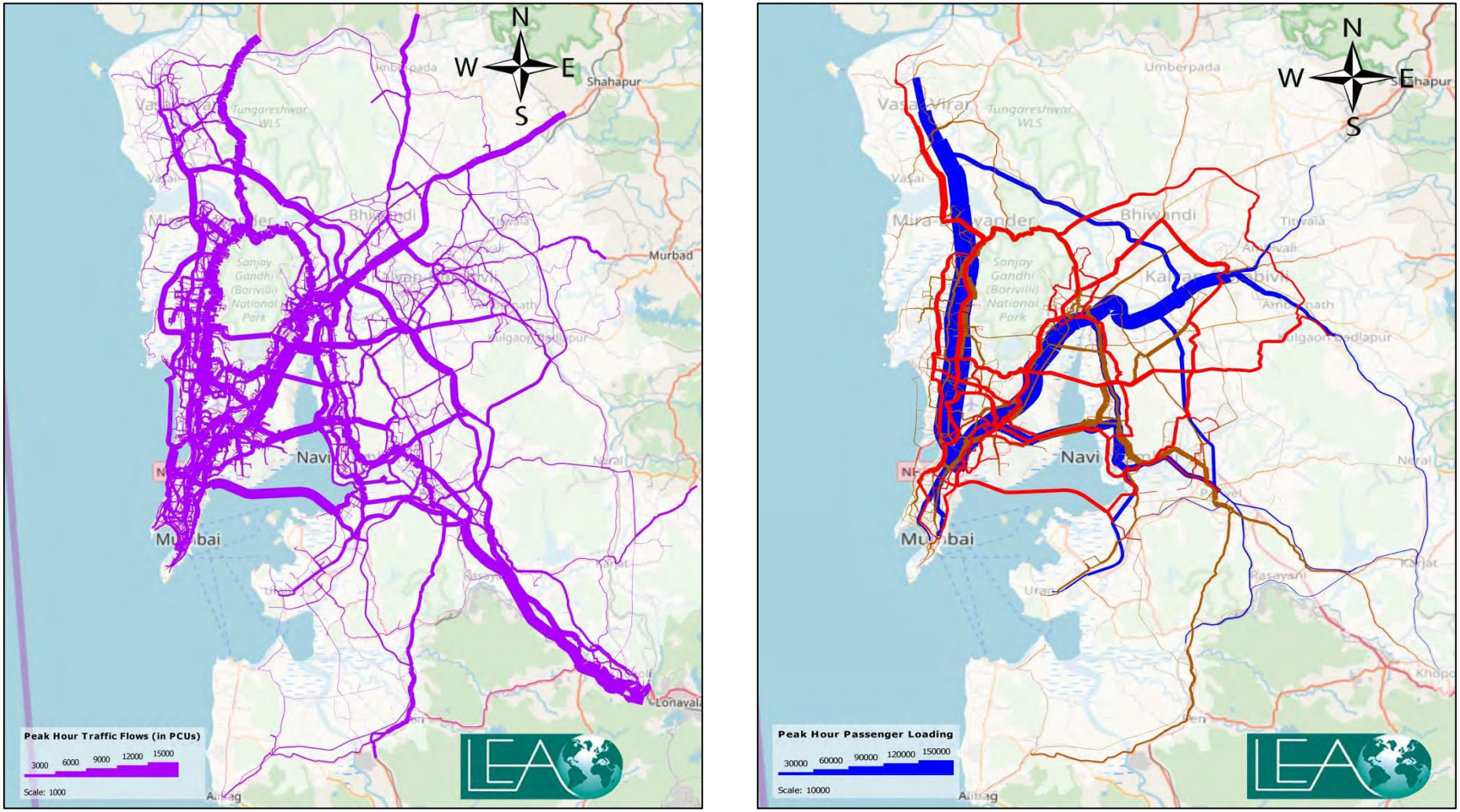


Figure 8-10: (a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows on the Road System (Horizon year 2041), Draft RP Scenario.

8.6.2 Travel Demand Assessment for the Horizon Year 2041: CTSU Scenario

Purpose and mode wise travel demand for the horizon year 2021 has been estimated using the updated/ refined travel demand models. Summary of the estimated travel passenger demand by vehicle type wise, Greater Mumbai-Greater Mumbai, RoMMR to Greater Mumbai and RoMMR to RoMMR for morning Peak Period of base year is presented in Table 8-11. A snap shot of the passenger flows on public transport network and vehicle flows in PCUs on road network for Peak Hour (Horizon year 2041) are shown in Figure 8-11. The following inferences have been made:

a) Morning Peak Period travel demand for MMR in Horizon Year 2041 will be nearly 8.01 million;
b) The mode-split of trips within MMR indicate that, the major modes will be Suburban (30.25%), Bus (6.17%), Metro & Mono (42.54%) followed by Two-wheeler (8.55%) and Car (5.61%); and
c) Public transport share (as main mode) has increased to 78.96% (Bus, Suburban and Metro & Mono) from 78.30% in 2031 (Bus, Suburban and Metro & Mono). Private vehicle share has increased from 14.08% in 2031 to 14.16% in horizon year 2041. IPT share has decreased from 7.62% in 2031 to 6.87% in horizon year 2041.

Table 8-11: Passenger Travel Demand (Morning Peak Period trips) – Horizon Year 2041, CTSU Scenario

Mode	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)	Greater Mumbai - Greater Mumbai (1)	Greater Mumbai – RoMMR (2)	RoMMR – Greater Mumbai (3)	RoMMR – RoMMR (4)	Total (5)
Car	2,64,310	14,140	23,282	1,47,867	4,49,600	10.48%	1.50%	1.19%	5.71%	5.61%
Two-Wheeler	3,24,389	26,149	34,593	3,00,422	6,85,553	12.86%	2.78%	1.76%	11.60%	8.55%
Auto Rickshaw	1,18,569	7,038	11,039	1,42,136	2,78,781	4.70%	0.75%	0.56%	5.49%	3.48%
Taxi	1,70,142	2,630	43,875	55,243	2,71,889	6.74%	0.28%	2.24%	2.13%	3.39%
Bus	1,91,009	33,296	68,028	2,02,501	4,94,833	7.57%	3.53%	3.47%	7.82%	6.17%
Train	5,01,688	2,62,084	7,89,900	8,71,188	24,24,860	19.89%	27.82%	40.30%	33.63%	30.25%
Metro	9,52,397	5,96,686	9,89,523	8,71,191	34,09,796	37.76%	63.34%	50.48%	33.63%	42.54%
Total	**25,22,502**	**9,42,023**	**19,60,239**	**25,90,547**	**80,15,311**	**100%**	**100%**	**100%**	**100%**	**100%**
Car	58.79%	3.14%	5.18%	32.89%	100%					
Two-Wheeler	47.32%	3.81%	5.05%	43.82%	100%					
Auto Rickshaw	42.53%	2.52%	3.96%	50.98%	100%					
Taxi	62.58%	0.97%	16.14%	20.32%	100%					
Bus	38.60%	6.73%	13.75%	40.92%	100%					
Train	20.69%	10.81%	32.58%	35.93%	100%					
Metro	27.93%	17.50%	29.02%	25.55%	100%					
Total	**31.47%**	**11.75%**	**24.46%**	**32.32%**	**100%**					

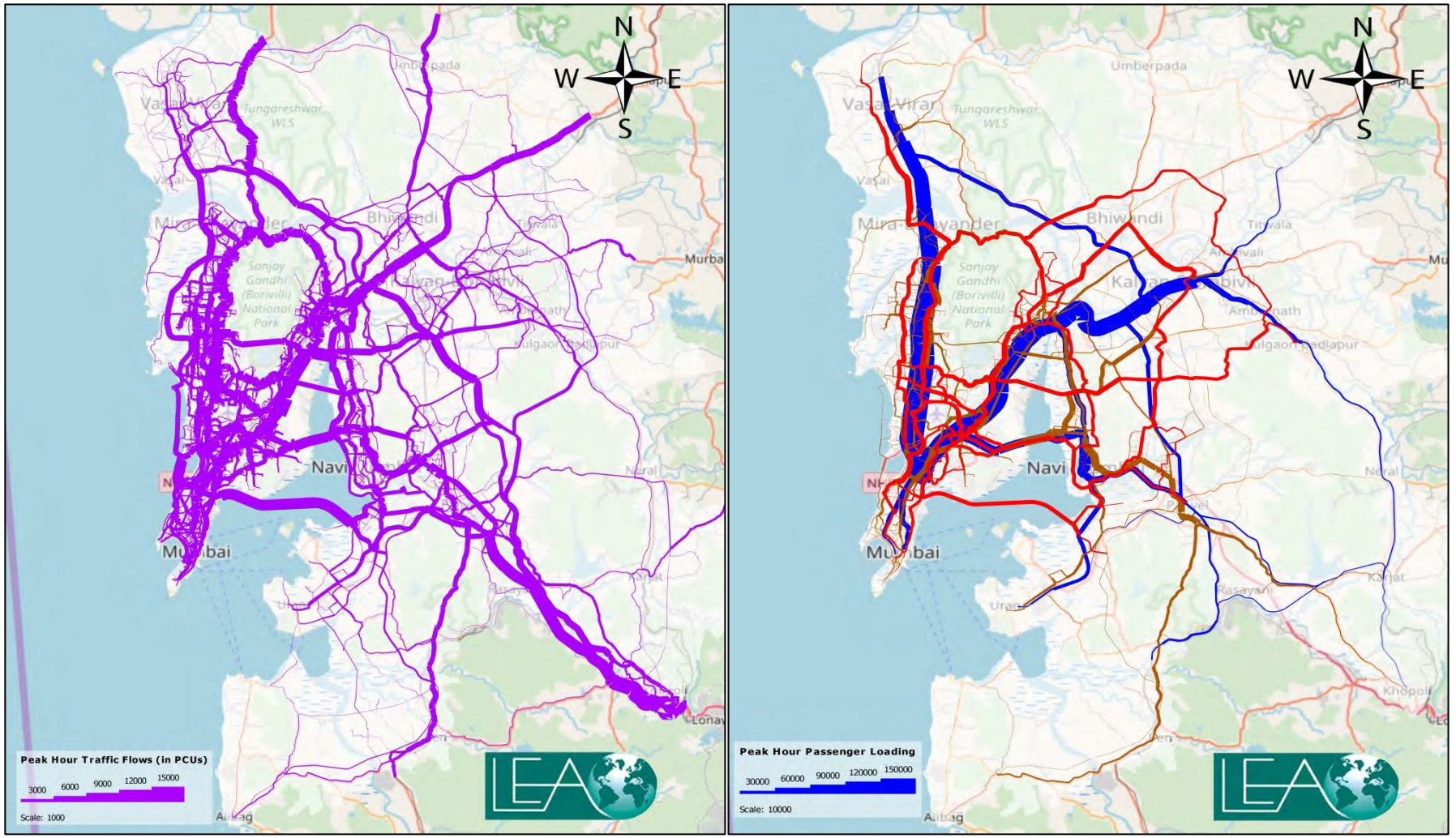


Figure 8-11: (a) Assigned Peak Hour Metro, Suburban Rail and Bus Passenger Flows; (b) Assigned Peak Hour Traffic Flows on the Road System (Horizon year 2041), CTSU Scenario.

8.7 PASSENGER/TRAFFIC LOADINGS ON MAJOR REGIONAL METRO AND HIGHWAY CORRIDORS RELAVANT FOR NMIA

Analysis has been undertaken for route wise passenger section loadings for assessment of transit corridor requirements, improvement proposals in case of highway corridors, etc. Morning peak hour PHPDs on major public transport corridors (sub-urban, metro and monorail corridors) is presented in Table 8-12 and major regional highways for the horizon year 2041 presented in Table 8-13.

Table 8-12: Passenger loadings on Transit Corridors Relevant for NMIA

Code	Mode	Name	Status	PHPD							
				Draft RP				CTSU			
				2021	2026	2031	2041	2021	2026	2031	2041
S-1	Suburban	Seawoods -Uran	Partially commissioned/ Under Construction	13,300	14,000	19,300	47,000	15,100	16,300	20,500	50,600
S-3	Suburban	Panvel-Karjat	MRVC carried out DPR study and planned for implementation by 2025		4,800	6,400	4,600		4,900	6,700	7,100
S-5	Suburban	Diva-Panvel			6,000	8,300	12,000		6,100	8,500	12,600
S-6	Suburban	CSMT - Panvel	DPR is in progress		24,900	21,700	26,000		23,800	19,900	22,500
M-8	Metro	Airport Metro (CSMIA – NMIA)	DPR in Progress		13,800	21,600	28,200		13,400	22,200	27,700
M-15	Metro	Belapur-Taloja-Pendhar	Under Construction	18,000	4,200	9,200	9,400	17,600	4,100	9,500	8,700
M-17	Metro	MIDC to Khandeshwar	DPR is Completed			3,400	4,200			3,400	4,000
M-19	Metro	Prabhadevi-Sewri-Jambhulpada (MTHL)	DPR is Completed			4,400	3,300			5,600	3,500
M-20	Metro	Khandeshwar to NMIA	DPR is Completed			2,700	2,700			3,000	3,000
M-21	Metro	MTHL Spur to NMIA	DPR Need to be Initiated			700	600			800	700

Table 8-13: Traffic loadings on Highway Corridors Relevant for NMIA

Code	Mode	Name	Lane Configuration	Status	PCU/Hr/Lane					
					Draft RP			CTSU		
					2026	2031	2041	2026	2031	2041
H-1	Highway	Elevated Link (Sewri-Worli): 5.0 km	3+3	Feasibility Study completed	947	874	1,096	937	903	1,169
H-2	Highway	MTHL: 22.9 km	3+3	Under Construction	1,756	1,390	1,623	1,642	1,462	1,704
H-3	Highway	Multi Modal Corridor (Virar-Alibaug): 127.3 km	5+5	DPR in progress	775	795	1170	742	787	1162
H-6	Highway	Radial-5 (Turbhe-Taloja-Usatane): 17.1 km	3 + 3	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	644	615	837	546	571	720
H-7	Highway	Mumbai-Vadodara Spur in MMR: 84.8 km	3+3	DPR completed by NHAI	259	191	305	216	197	310
H-10	Highway	Coastal Road Ambivali (MMC): 17.6 km	4+4	Proposed in CTSU	623	552	666	600	537	669
H-13	Highway	Ulwe to Airport Road (CIDCO): 10.2 km	3 + 3	DPR Completed by CIDCO	643	644	689	634	646	704
H-14 & H-20	Highway	Coastal Road (Thane-NMIA): 33.18 km	3 + 3	Proposed in CTSU		1,089	1,352		1,075	1,276
H-21	Highway	Spine Corridor in NAINA: 43.1 km	4 + 4	Proposed in NAINA DP		655	1217		656	1235
H-26	Highway	Belapur to MMC (Taloja MIDC): 17.2 km	3+3	Proposed in NAINA DP		824	991		837	954

8.8 RECOMMENDED MULTI MODAL REGIONAL TRANSPORT CONNECTIVITY PLAN FOR NMIA

It is important to note that the proposed transport plan for MMR 2041 includes sub-urban rail corridors, metro corridors, monorail corridors, Dedicated Bus Lanes/ BRTS and highway/expressway corridors, which provide both regional as well as local transport connectivity to the NMIA. While evolving the plan, the specific needs of NMIA also has been kept in mind to satisfy the ground access needs of NMIA air passengers.

Further, it is important to note that the projects planned by various planning authorities/agencies in MMR (MMRDA, MSRDC, CIDCO, PWD, Municipal Corporations, Municipal Councils, etc.) have been incorporated in the connectivity plan appropriately by integrating and ensuring continuity of the corridors. In addition to the land-based transport modes, Passenger Water Transport routes between Island city/ Thane/ Mira-Bhayander/ Vasai-Virar/ Kalyan-Dombivali and NMIA/ Belapur are also included in the overall plan to enhance the regional transport connectivity to NMIA. The recommended multi modal regional transport connectivity plan is presented in Figure 8-12.

Towards improving the local transport connectivity, improvements to the roads and grade separation facilities at major intersections in the vicinity of the airport, is adopted to improve the traffic operating service levels on the road network. The proposed enhanced transport connectivity will provide faster access/egress to/from the proposed NMIA as well as additional transport infrastructure for the other road or public transport users.

Time taken to travel between two points is considered as a good determinant of level of service any facility provides. This is true in case of transport connectivity to NMIA also. Travel time is estimated for the horizon year 2041, for the proposed network, by considering factors such as mode of transport, transport network connectivity, traffic levels on road system, public transport system characteristics (frequency, capacity, speed, etc.) and time and day of travel.

CTS for MMR Updation Study database is used, as the above is required to be done for MMR. It may be noted that in CTS for MMR Updation Study, MMR was divided into nineteen clusters. The proposed NMIA is located in Kopar near Panvel and Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe). The remote places of Navi Mumbai cluster from the proposed NMIA location are at a distance of about 25 km. However, major residential and commercial centres are located within a radius of 10 km from NMIA and these may further intensify once NMIA operations begin.

Assessment of travel times by various major modes, from different TAZs, to the NMIA is done considering the proposed multi modal transport network and travel demand assessed (using EMME software) for the horizon year 2041. Average travel distance and travel times from various clusters of MMR to NMIA are presented in Table 8-14 and Figure 8-13. Following are the inferences of the above analysis:

1) Suburban rail system provides connectivity between various clusters of MMR to NMIA excluding C15: Khopta, C19: Alibaug Municipal Council and some of the rural areas of MMR. Suburban is a preferred mode of transport from different clusters of MMR to NMIA and vice versa as compared to other modes of transport, for most of the Clusters (excluding C3: Eastern Suburbs, C6: KDMC, AKBSNA, Ulhasnagar, KBMC, AMCC, 15: Khopta and C17: Rest of MMR). The average travel time is about 46 minutes.;

2) Metro provides connectivity between various clusters of MMR to NMIA excluding C13: MSRDC, C18: Matheran, Karjat, Khopoli and C19: Alibaug Municipal Council and some of the rural areas of MMR. The average travel time is about 55 minutes (Minimum from C8: Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe) which is about 13 minutes and maximum from C7: Vasai-Virar which is about 138 minutes). Thus, after the suburban metro is the preferred mode of transport mode from various clusters where it provides connectivity, to NMIA;
3) Bus provides transport connectivity to from all the clusters of MMR to NMIA and average travel time is about 80 minutes (Minimum from C8: Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe) which is about 21 minutes and maximum from C11: Mira-Bhayander which is about 122 minutes);
4) Road connectivity is available from all the cluster of MMR to NMIA and average travel time is about 69 minutes;
5) The average travel times from various clusters to NMIA by sub-urban, metro/ monorail, Bus and Car/Taxi is about 46 minutes, 55 minutes, 80 minutes and 69 minutes respectively. Thus, the average travel times by bus mode from various clusters to NMIA is higher as compared to all other modes;
6) The range of travel time from the remotest places of MMR to NMIA by different modes is 94 to 138 minutes; and
7) Average travel time by PWT mode from Island city (Radio Club/ Ferry Wharf terminals) to NMIA is about 40 minutes, which includes waiting time at the terminals (by Hovercraft). PWT take less time to reach NMIA from Island city by Hovercraft and it would greatly supplement with other modes.

Travel time in 20 minutes bands using transit modes (sub-urban/ metro/ monorail/ bus) and by road using private vehicles (car/ two-wheeler) or IPT modes (Taxi/ Auto) from various TAZs to proposed NMIA (considering the proposed multi modal transport network for the horizon year 2041 and travel demand) are presented in Figure 8-14 and Figure 8-15 respectively. It can be seen that, the travel time from the remotest places of MMR by transit modes (sub-urban/ metro/ bus) is about 140 minutes and by private vehicle/ IPT modes is about 100 minutes. However, substantial air travel demand to the proposed NMIA is located within travel time of about 80 minutes.

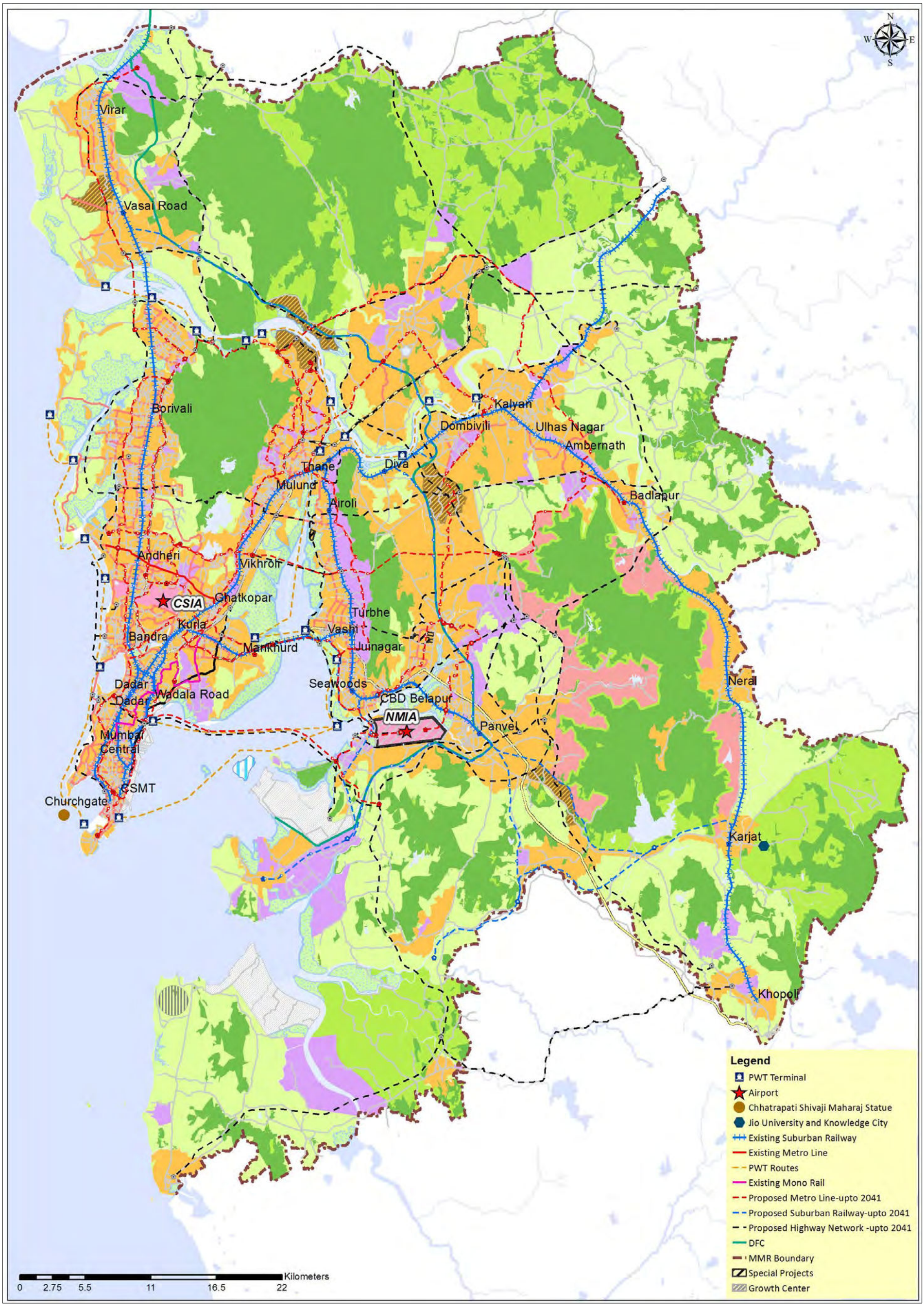


Figure 8-12: Multi Modal Regional Transport Connectivity Plan for NMIA

Table 8-14: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

Cluster NO	TAZ	From Cluster to NMIA	Mode	Major Lines/ Corridors	Air Distance (km) to NMIA	Travel Distance (km) to NMIA	Travel Speed(kmph)	Total Travel Time(hr) to NMIA	Total Travel Time (minutes) to NMIA
1	109	Island City	Sub-urban	CST-Panvel Fast Corridor, CST- Panvel Harbour Line	25	45	50	0.90	54
			Metro/Monorail	CSMT-Sewri-Shivaji Nagar-NMIA, CSMT-Sewri-Wadala TT-EEH-Mankhurd-Vashi-Belapur Creek-NMIA, Cuffe Parade-Dharavi Station-MMRDA-MTNL metro-Mankhurd-Vashi-Belapur-NMIA	25	35	35	1.00	60
			Bus	Eastern Freeway, MTHL, Ulwe to Airport Road (CIDCO)	25	30	21	1.44	86
			Car/ Taxi	Eastern Freeway, MTHL, Ulwe to Airport Road (CIDCO)	25	30	30	1.00	60
2	519	Western Suburbs	Sub-urban	Western Line & Harbour Line	25	50	45	1.11	67
			Metro/Monorail	Charkope-Bandra-Mankhurd and Mankhurd-Vashi-Belapur-NMIA, National Park-JVLR-Airport Colony- Andheri (East)-Mankhurd-NMIA	25	40	35	1.14	69
			Bus	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg (NH-348A)	25	39	21	1.85	111
			Car/ Taxi	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg (NH-348A)	25	39	24	1.62	97
3	442	Eastern Suburbs	Sub-urban	Central Line (Kanjurmarg-Kurla) and Harbour Line (Kurla-Panvel), Kurla-Mankhurd-Vashi-Targhar	20	43	45	0.96	57
			Metro/Monorail	Mulund-EEH-Vashi-Belapur-NMIA, Kurla-Vashi-Belapur Creek-NMIA, Safed pul-Mankhurd-Vashi-Belapur Creek-NMIA	20	26	35	0.73	44
			Bus	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg (NH-348A)	20	24	22	1.09	65
			Car/ Taxi	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg(NH-348A)	20	24	25	0.95	57
4	1565	Thane	Sub-urban	Thane-Seawoods-Targhar, Diva-Panvel-Belapur-Targhar	25	38	45	0.84	51
			Metro/Monorail	Gaimukh Retibunder-Majiwada-Rabodi-Vitawa-Sanpada-Belapur Creek-NMIA, Gaimukh Retibunder-Majiwada-Rabodi-Shilphata-Bale-Taloja-Khandeshwar-NMIA, Waghbil-Balkum Pada-Rabodi-Shilphata-Bale-Taloja-Khandeshwar-NMIA	25	32	35	0.91	54
			Bus	Thane-Belapur Road, Palm Beach Marg, Amra Marg (NH-348A)	25	34	24	1.45	87
			Car/ Taxi	Thane-Belapur Road, Palm Beach Marg, Amra Marg (NH-348A)	25	34	27	1.26	76
5	1926	NMMC	Sub-urban	Dighe-Seawoods-Targhar, Vashi-Sagar Sangam-Targhar, CBD Belapur-Targhar	12	10	45	0.23	14
			Metro/Monorail	Dighe-Belapur Creek-Targhar NMIA, Vashi- Belapur Creek-Targhar-NMIA	12	19	35	0.53	32
			Bus	Thane to Sanpada-Mankhurd to NMIA	12	14	19	0.73	44
			Car/ Taxi	Thane to Sanpada-Mankhurd to NMIA	12	14	22	0.64	38
6	2415	KDMC,AKBSNA, Ulhasnagar, KBMC,AMC	Sub-urban	New Dombivali-Diva-Panvel-Khandeshwar,	25	46	45	1.03	62
			Metro/Monorail	Durgadi Fort-Sagaav-Sonarpada-Nilje Gaon- Taloja- Khandeshwar-NMIA, Bhopar Metro-Nilje Gaon-Taloja- Khandeshwar-NMIA,	25	34	35	0.98	59
			Bus	MMC: Virar-Alibaug, Mumbai-Vadodara Spur	25	41	27	1.52	91
			Car/ Taxi	MMC: Virar-Alibaug, Mumbai-Vadodara Spur	25	41	31	1.33	80
7	1439	Vasai-Virar	Sub-urban	Virar-Vasai (Western)-Vasai-Diva-Panvel lines-Panvel-Khandeshwar-CBD Belapur-Targhar	52	71	45	1.57	94
			Metro/Monorail	Virar-Dahisar-JVLR-CSMIA-Vashi-Belapur-NMIA,	52	80	35	2.29	138
			Bus	NH8, MMC: Virar-Alibaug	52	75	31	2.41	145
			Car/ Taxi	NH8, MMC: Virar-Alibaug	52	75	35	2.11	127
8	2158	Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe)	Sub-urban	Uran-Ranjanpada-Targhar, Uran-Ranjanpada-Kopar	9	7	45	0.15	9
			Metro/Monorail	Gavan-Targhar-NMIA	9	8	35	0.22	13
			Bus	Ulwe-Airport Road (CIDCO), Mankhurd to NMIA, Combination of various regional and local roads	9	8	24	0.36	21
			Car/ Taxi	Ulwe - Airport Road (CIDCO), Mankhurd to NMIA, Combination of various regional and local roads	9	8	27	0.31	19
9	2920	Pen, NAINA Parts	Sub-urban	Jite-Kharpada-Somante-Panvel-Khandeshwar	25	28	45	0.63	38
			Metro/Monorail	Pen-Rave-Dighode Metro-Gavan-Targhar-NMIA	25	35	35	0.99	60
			Bus	MMC: Virar-Alibaug	25	35	29	1.23	74
			Car/ Taxi	MMC: Virar-Alibaug	25	35	33	1.08	65
10	2757	BNMC, BSNA	Sub-urban	Vasai-Diva, Diva-Panvel lines	33	43	45	0.96	58
			Metro/Monorail	Bhiwandi-Kalyan-Taloja-Khandeshwar	33	47	35	1.33	80
			Bus	NH3, MMC: Virar-Alibaug	33	51	26	1.93	116
			Car/ Taxi	NH3, MMC: Virar-Alibaug	33	51	30	1.69	101
11	1073	Mira-Bhayander	Sub-urban	Vasai-Diva, Diva-Panvel lines	39	65	45	1.45	87
			Metro/Monorail	Mira Road-Miragaon-Kasarvadavali-EEH-Mankhurd-Vashi-Belapur Creek-Targhar-NMIA, Mira Road-Miragaon-National Park-JVLR-Airport Colony- Andheri (East)-Mankhurd-NMIA	39	57	35	1.63	98
			Bus	NH8, MMC: Virar-Alibaug	39	59	24	2.45	147
			Car/ Taxi	NH8, MMC: Virar-Alibaug	39	59	27	2.15	129
12	2929	NAINA Part	Sub-urban	Diva-Panvel lines, Panvel-Karjat, Apte-Panvel	10	7	45	0.16	10
			Metro/Monorail	Vadavali-Taloja-Khandeshwar	10	23	35	0.65	39
			Bus	NH8, MMC: Virar-Alibaug	10	18	25	0.73	44
			Car/ Taxi	NH8, MMC: Virar-Alibaug	10	18	28	0.64	39
13	2933	MSRDC	Sub-urban	Panvel-Karjat, Apte-Panvel	17	23	45	0.52	31
			Metro/Monorail		17		35	0.00	
			Bus	MMC: Virar-Alibaug	17	26	30	0.85	51
			Car/ Taxi	MMC: Virar-Alibaug	17	26	34	0.74	45
14	2028	Panvel M. Corp.	Sub-urban	Diva-Panvel lines, Apte-Panvel, CSMT-Panvel, Panvel-Karjat	7	12	45	0.26	16
			Metro/Monorail	Kalyan-Taloja, Pendhar-Khandeshwar	7	19	35	0.54	32
			Bus	MMC: Virar-Alibaug	7	13	25	0.52	31
			Car/ Taxi	MMC: Virar-Alibaug	7	13	28	0.45	27
15	3105	khopta	Sub-urban		16		45	0.00	
			Metro/Monorail	Rave-Chirner, Chirner- NMIA,	16	20	35	0.57	34
			Bus	MMC: Virar-Alibaug	16	28	30	0.93	56
			Car/ Taxi	MMC: Virar-Alibaug	16	28	34	0.83	50
16	3123	Kharbav	Sub-urban	Vasai-Diva, Diva-Panvel lines	38	55	45	1.23	74
			Metro/Monorail	Gaimukh Retibunder-Kapurbawadi-Rabodi-Vitawa-Sanpada-Belapur Creek-NMIA	38	55	35	1.57	94
			Bus	MMC: Virar-Alibaug	38	58	30	1.93	116
			Car/ Taxi	MMC: Virar-Alibaug	38	58	34	1.69	102
17	3122	RoMMR	Sub-urban		46		45	0.00	
			Metro/Monorail	Vadape-Ambivili, Ambivili-Ambernath, Ambernath-Ustane, Ustane-Taloja, Taloja-Pendhar, Pendhar-Khandeshwar	46	21	35	0.61	37
			Bus	MMC: Virar-Alibaug	46	87	22	3.96	237
			Car/ Taxi	MMC: Virar-Alibaug	46	87	22	3.96	237
18	3129	Matheran, Karjat, K hopoli, RoMMR	Sub-urban	Karjat-Panvel	26	32	45	0.71	43
			Metro/Monorail		26		35	0.00	
			Bus	MMC: Virar-Alibaug	26	40	32	1.23	74
			Car/ Taxi	MMC: Virar-Alibaug	26	40	37	1.08	65
19	3134	Alibaug M.Cl, RoMMR	Sub-urban		32		45	0.00	
			Metro/Monorail		32		35	0.00	
			Bus	MMC: Virar-Alibaug	32	54	32	1.70	102
			Car/ Taxi	MMC: Virar-Alibaug	32	54	37	1.49	89

Cluster No.	Cluster Name	Suburban	Metro/Monorail	Bus	Car/Taxi
1	Island City	54	60	86	60
2	Western Suburbs	67	69	111	97
3	Eastern Suburbs	57	44	65	57
4	Thane M. Corp	51	54	87	76
5	NMMC (NM-N)	14	32	44	38
6	KDMC, AKBSNA, UMC, KBMC, AMC	62	59	91	80
7	VVMC, VVSNA	94	138	120	102
8	Uran+NM-S	9	13	21	19
9	Pen, NAINA Part -2	38	60	74	65
10	BNMC, BSNA	58	80	116	101
11	MBMC	87	98	122	104
12	NAINA Part -1 (near Panvel)	10	39	44	39
13	MSRDC	31		51	45
14	PMC+ NM-E	16	32	31	27
15	Khopta		34	56	50
16	Kharbao	74	94	116	102
17	Rest of MMR		37	100	90
18	Matheran, Karjat, Khopoli, Rural MMR	43		74	65
19	Alibag M.Cl, Rural MMR			102	89

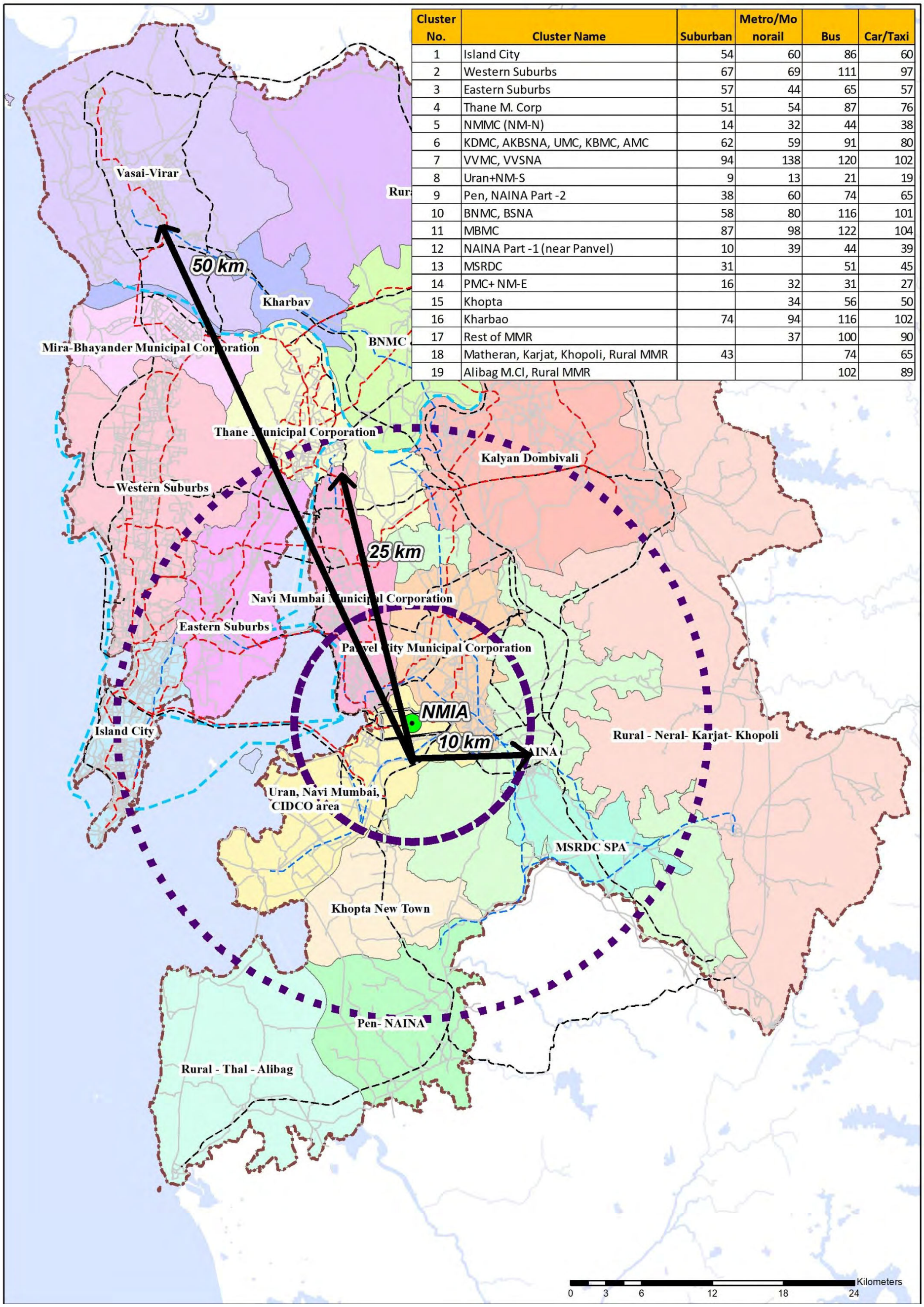


Figure 8-13: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

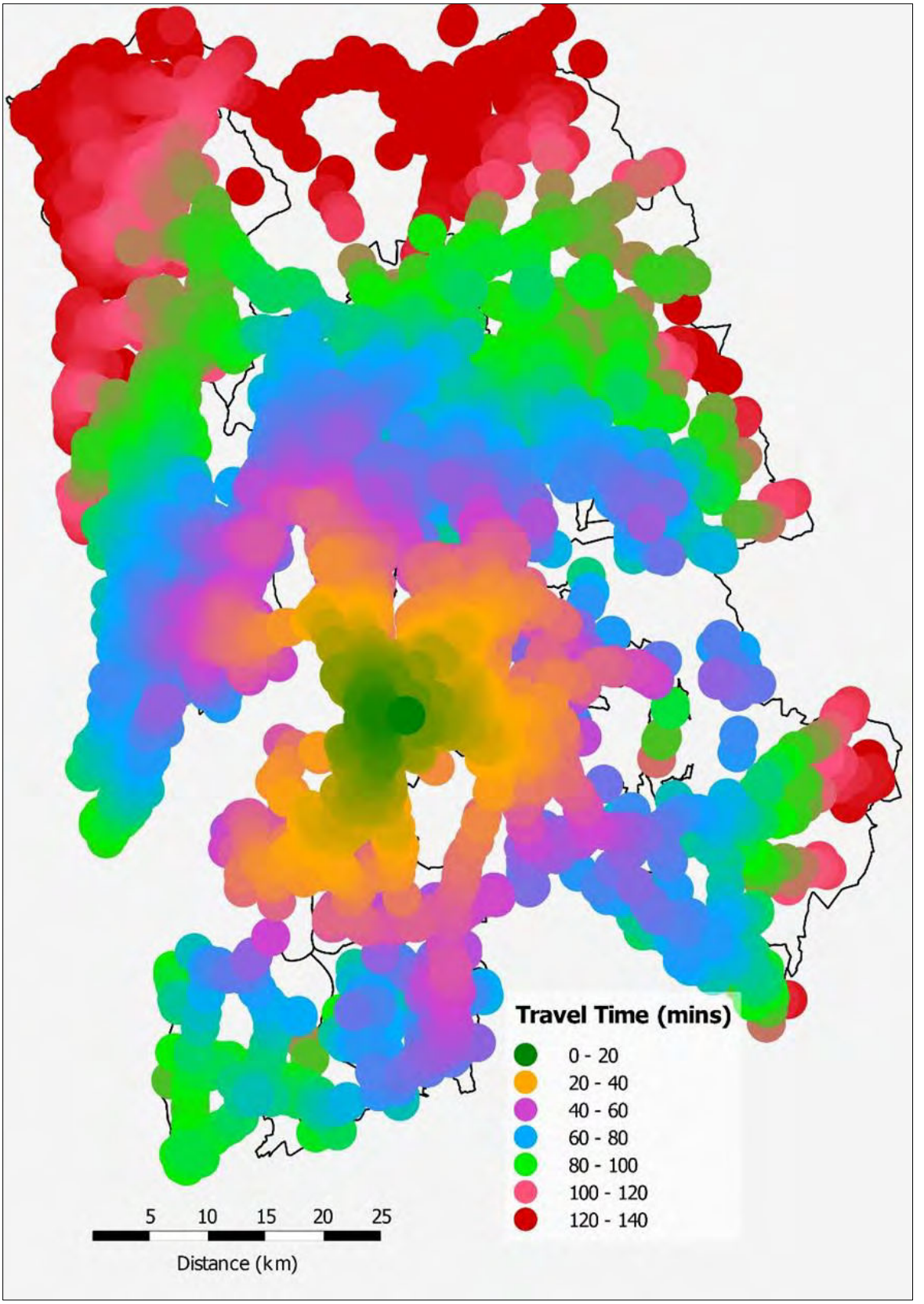


Figure 8-14: Average Travel Time from various TAZs of MMR to proposed NMIA by Transit Modes (Sub-urban/Metro/ Monorail/ Bus)

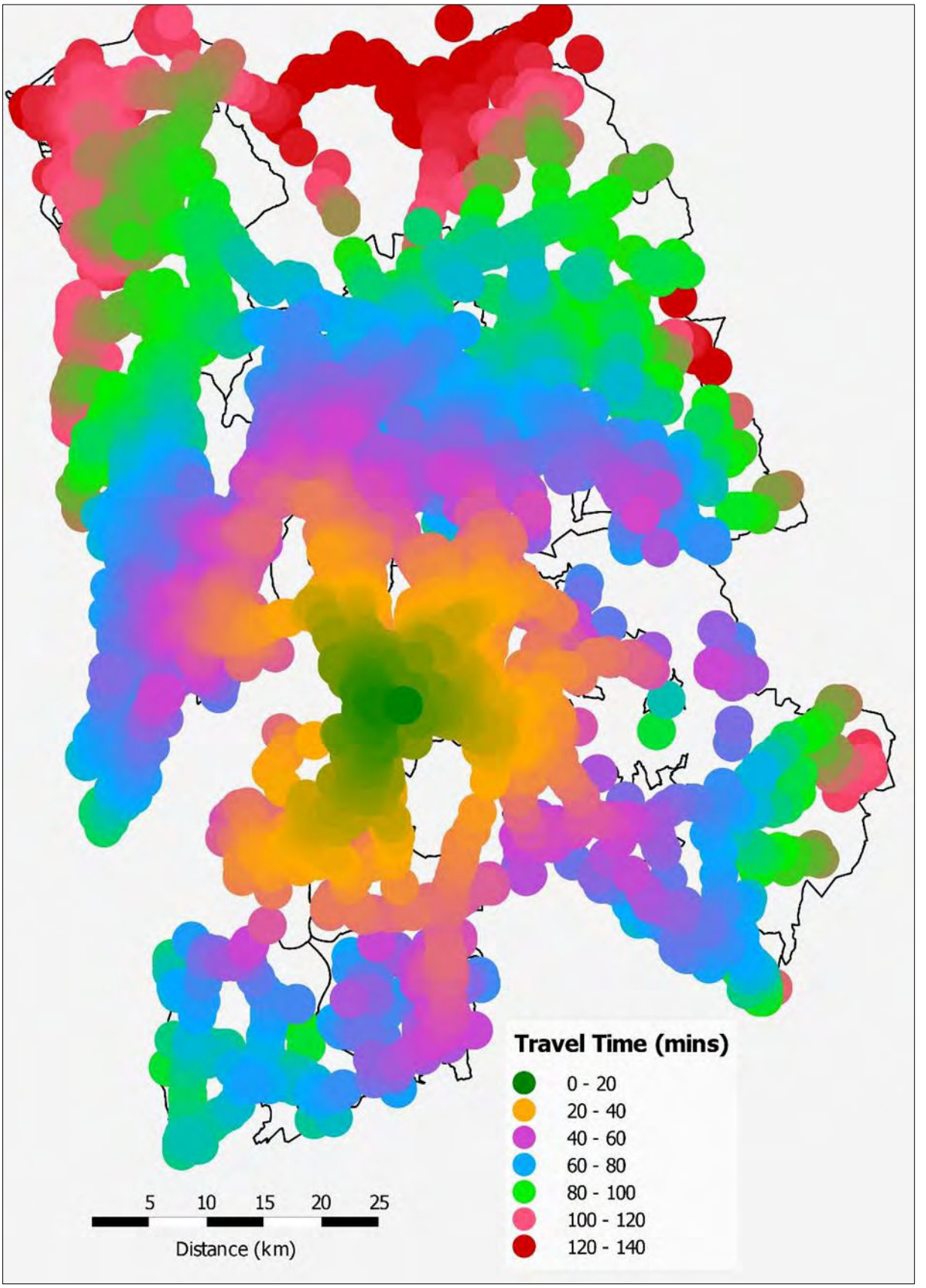


Figure 8-15: Average Travel Time from various TAZs of MMR to proposed NMIA by Private Vehicles (Car/ Two wheeler)/ IPT Modes (Taxi/ Auto)

Chapter 9

Travel Demand Assessment and Transport Network Analysis for the Horizon Year 2021, 2026, 2031 and 2041 – Local Connectivity

9 TRAVEL DEMAND ASSESSMENT AND TRANSPORT NETWORK ANALYSIS FOR THE HORIZON YEAR 2021, 2026, 2031 AND 2041 – LOCAL CONNECTIVITY

9.1 INTRODUCTION

The present chapter focuses on details of the area surrounding the NMIA within the 5 km delineated area, described in the previous chapter. Further, for better appreciation and understanding of the level of service offered by the existing road network in the base year and proposed road network for the horizon period upto 2041, Consultants have considered NMIA (greenfield airport) as well as CSMIA (brownfield airport) delineated areas. With the help of travel demand techniques, the trips of the delineated study area can be classified into Internal-Internal, Internal-External, External-Internal and External-External with respect to private, IPT and public transport modes. Further, the Consultants have analyzed the service levels provided by the proposed road transport network by calculating the level of service as per the Indian Highway Capacity Manual- 2017. Level of service offered by the proposed transport network in the delineated area of NMIA as well as CSMIA for horizon period upto 2041 has been assessed and comparison was made with the level of service assessed in the base year (2017). Detailed analysis is presented in the following sections.

9.2 DELINEATION OF STUDY AREA AND CHARACTERISTICS

Delineation of study area within 5 km radius from NMIA is very important for preparation of traffic management and decongestion plan. Based on the updated TAZ system and 5 km radius from NMIA boundary. For the sake convenience compilation of planning parameters within the delineated study area, complete boundary of TAZs covering the 5 km radius from NMIA boundary are considered. Thus, the number of TAZs covered in the delineated study area is 111. Preliminary delineated study area is shown in Figure 9-1. Approximate area covered is about 250 sqkm.

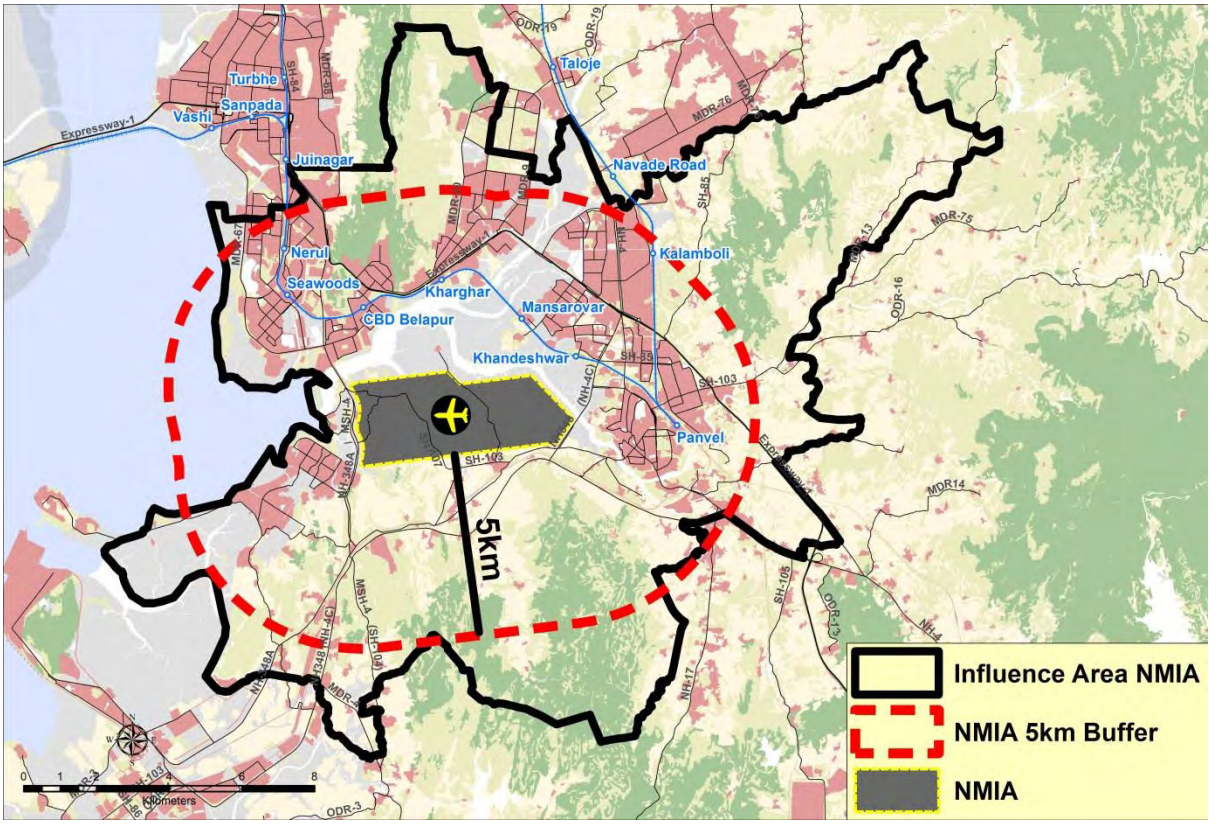


Figure 9-1: Delineation of study area within 5 km radius from NMIA

9.3 ULB/SPA IN DELINEATED AREA

The delineated study area has the following ULB's/SPA areas as shown in Figure 9-2:

a) NAINA;
b) Navi Mumbai Municipal Corporation;
c) Navi Mumbai CIDCO Area; and
d) Panvel City Municipal Corporation.

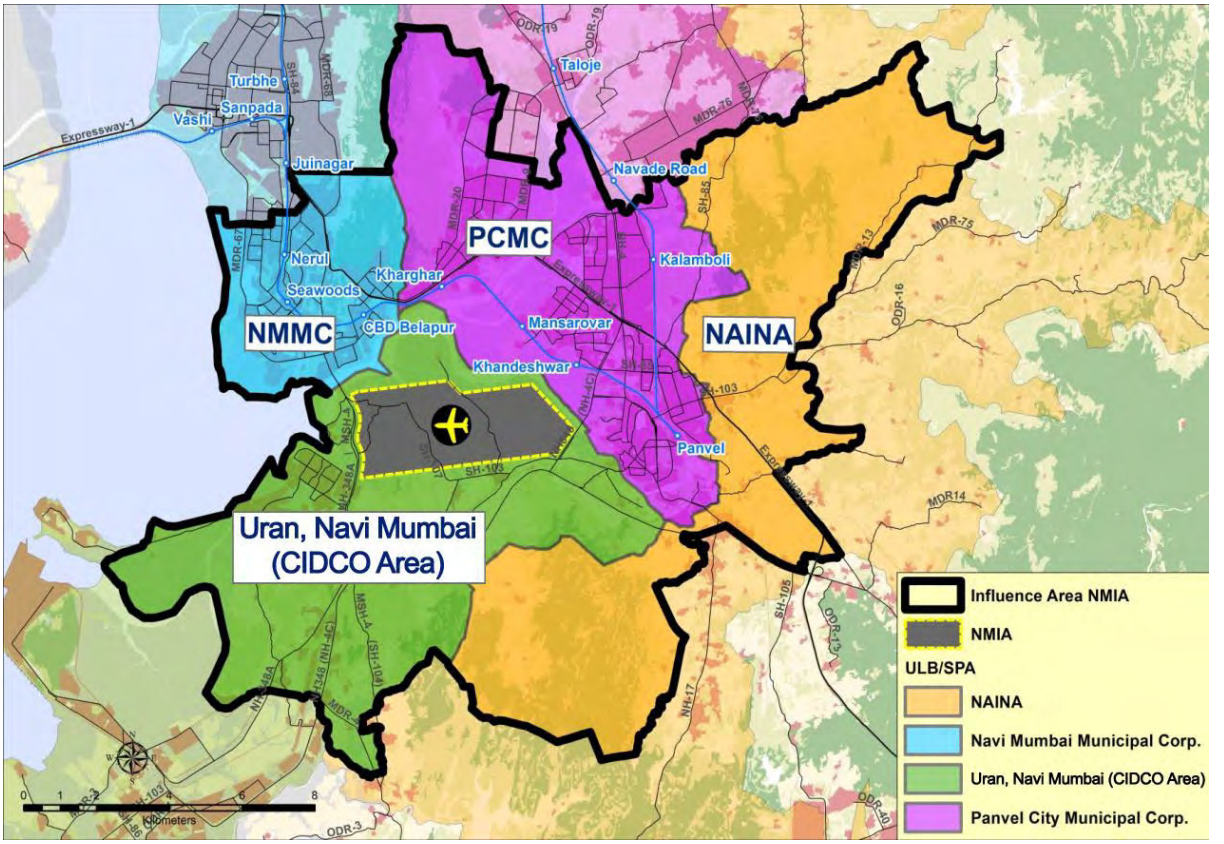


Figure 9-2: ULB/SPA in the Delineated Area

9.3.1 Land Availability in Delineated Study Area

The total land within the delineated study area is about 250 sqkm. Out of which land available for development is 67.9 sqkm and built up area is 46.4 sqkm. Navi Mumbai (CIDCO) has the highest land available for development among the four ULB's/SPA areas as enlisted in Table 9-1.

Table 9-1: Landuse Classification in the Delineated Study Area

Landuse classification in the Influence Area (in sqkm)	Navi Mumbai Municipal Corporation	Panvel City Municipal Corporation	NAINA (CIDCO)	Navi Mumbai (CIDCO Area)	Grand Total
Built-up Land	10.7	23.9	4.3	7.5	46.4
Land available for development	1.9	12.8	24.5	28.7	67.9
Land not available for development	12.7	26.2	51.7	44.6	135.2
Grand Total	**25.3**	**62.9**	**80.5**	**80.7**	**249.5**

9.3.2 Road Network in Delineated Study Area

The existing road network as well as sub-urban corridors providing regional connectivity to the proposed NMIA need capacity enhancements to satisfy the growing travel demand in general and airport generated traffic in specific. Further, additional local road network is very much required to enhance the accessibility to the proposed NMIA.

Approximate length of road network located within the delineated study area is about 318 km. The road network details within the delineated study area are presented in Table 9-2 and shown in Figure 9-3. The existing regional connectivity to NMIA is shown in Figure 9-4.

Table 9-2: Road Network Details in the Delineated Study Area

Category	Navi Mumbai Municipal Corporation	Panvel City Municipal Corporation	NAINA (CIDCO)	Navi Mumbai (CIDCO Area)	Grand Total
Expressway	6.1	14.6	1.2	0.0	**21.8**
NH	1.3	13.6	3.9	24.3	**43.2**
SH	0.0	9.2	6.7	17.0	**33.0**
MDR	1.4	9.0	5.7	3.1	**19.2**
Village Roads	0.0	0.0	2.1	0.0	**2.1**
Arterial road	15.6	7.0	0.0	0.0	**22.6**
Sub-arterial road	41.5	70.8	3.1	24.6	**140.0**
Local Road	1.6	15.1	2.3	17.0	**36.1**
Grand Total	**67.5**	**139.4**	**25.0**	**86.1**	**317.9**

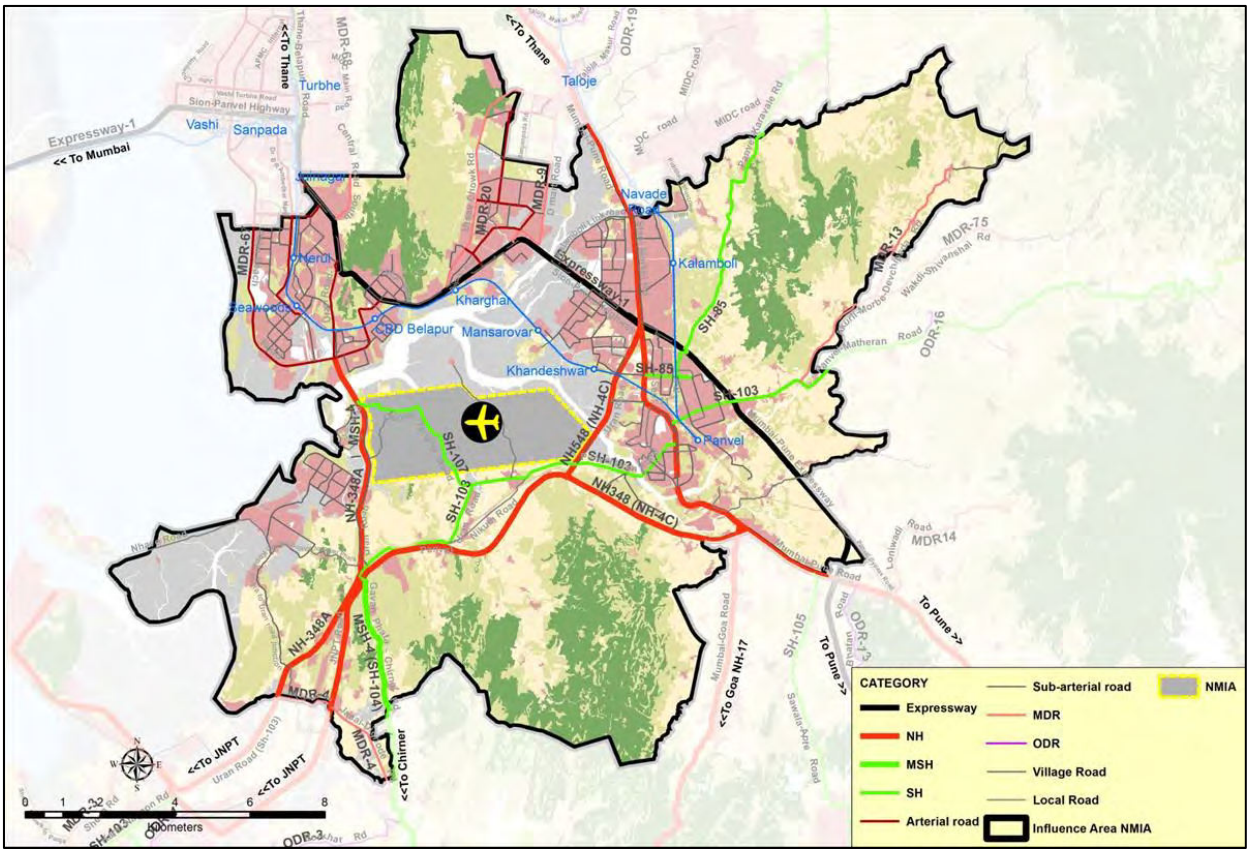


Figure 9-3: Road Network in the Delineated Study Area

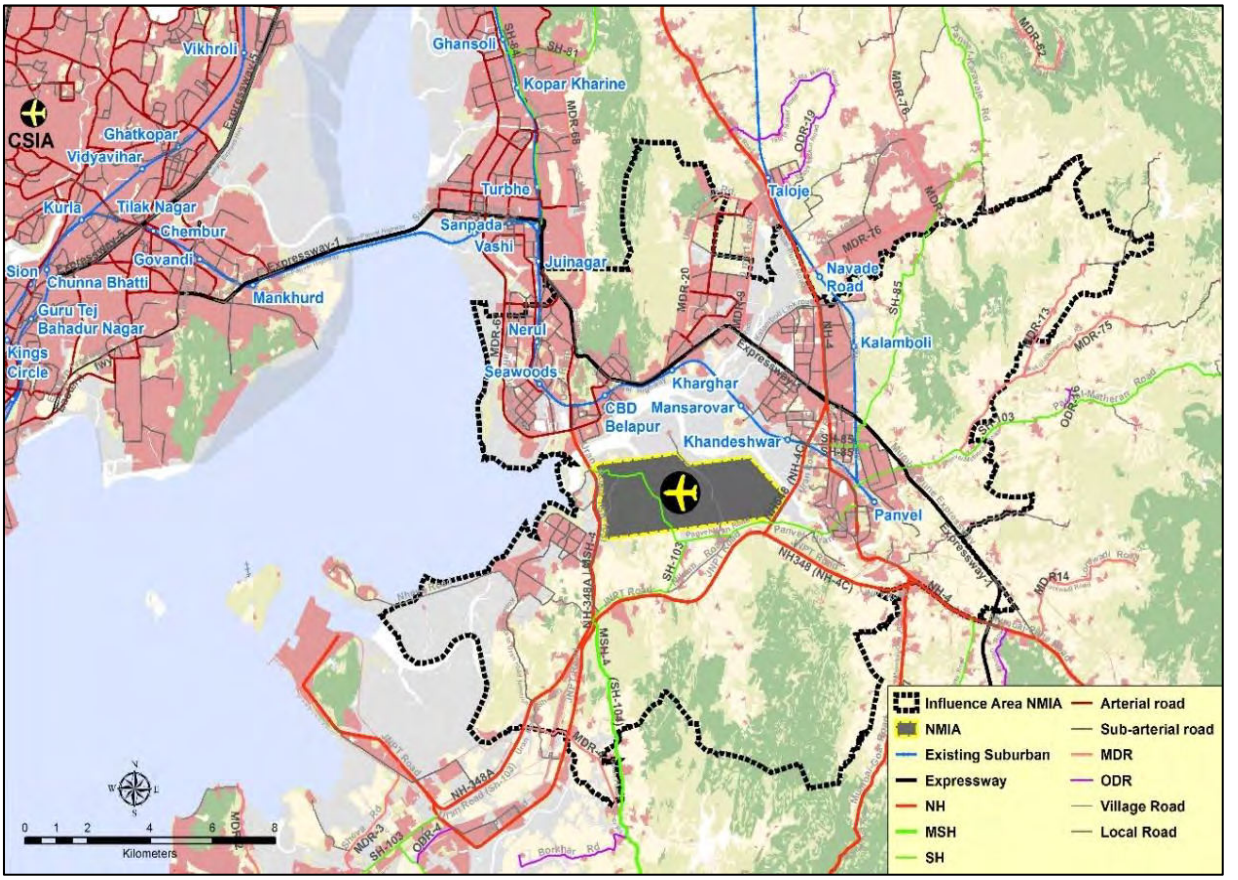


Figure 9-4: Existing Regional and Local Transport Connectivity: NMIA

9.3.3 Planning Parameters on Delineated Study Area

As part of the CTS for MMR updation study, population and employment at TAZ level are assessed for the Base Year 2017 for complete MMR. Population and employment within the delineated area is about 10.41 lakh and 2.74 lakh respectively as shown in Table 9-3.

Table 9-3: Population and employment within the delineated area

ULB	Delineated Area		
	Population	Resident Workers	Total Employment
Navi Mumbai M Corp	302,423	125,559	100,309
Panvel M Corp	584,483	229,992	139,005
NAINA	71,085	29,666	16,774
Navi Mumbai CIDCO Area	83,445	32,025	18,195
Grand Total	**1,041,436**	**417,242**	**274,283**

9.3.4 Comparison of Planning Parameters between DRP and CTSU Scenarios

The planning parameters as per DRP and CTSU scenarios are presented in Table 9-4 and Table 9-5. The total population and total employment at MMR level will be the same in both scenarios, only the spatial distribution at cluster level is varying. In the CTSU scenario, there are some deviations forecasted in population and employment depending on the proposed growths within the region. For NAINA cluster within the study area, population is 0.75 lakh in horizon year 2021 for CTSU scenario whereas for DRP scenario it is 0.73 lakh. Similarly, the population for Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe), Navi Mumbai (M Corp.) and Panvel City Municipal Corporation the population is 1.51 lakh, 3.47 lakh and 6.58 lakh in the horizon year 2021 whereas for DRP scenario it is 1.20 lakh, 3.98 lakh and 6.57

lakh respectively. Moreover, the employment in horizon year 2021 for CTSU Scenario for NAINA, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe), Navi Mumbai (M. Corp) and Panvel City Municipal Corporation is 0.18 lakh, 0.46 lakh, 1.34 lakh and 1.70 lakh respectively whereas for DRP scenario it is 0.18 lakh, 0.33 lakh, 1.54 lakh and 1.69 lakh.

For NAINA cluster within the study area, population is 1.18 lakh in horizon year 2041 for CTSU scenario whereas for DRP scenario it is 0.79 lakh. Similarly, the population for Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe), Navi Mumbai (M Corp.) and Panvel City Municipal Corporation is 7.34 lakh, 4.44 lakh and 11.31 lakh in the horizon year 2041 whereas for DRP scenario it is 5.21 lakh, 7.57 lakh and 11.73 lakh respectively. Moreover the employment in horizon year 2021 for CTSU Scenario for NAINA, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe), Navi Mumbai (M. Corp) and Panvel City Municipal Corporation is 0.49 lakh, 4.39 lakh, 1.66 lakh and 4.13 lakh respectively whereas for DRP scenario it is 0.38 lakh, 3.78 lakh, 2.68 lakh and 4.29 lakh. The detailed TAZ level planning parameters with delineated study area are presented in Annexure 9-1 and Annexure 9-2.

Table 9-4: Planning parameter for CTSU Scenario

CTSU Scenario	2021		2026		2031		2041	
	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp
NAINA (CIDCO)	0.75	0.18	0.81	0.22	0.82	0.27	1.18	0.49
Navi Mumbai (CIDCO Area)	1.51	0.46	2.89	1.12	3.76	2.07	7.34	4.39
Navi Mumbai (M Corp.)	3.47	1.34	3.70	1.40	3.97	1.47	4.44	1.66
Panvel City Municipal Corporation	6.58	1.70	7.88	2.25	9.02	2.89	11.31	4.13

Table 9-5: Planning parameter for DRP Scenario

DRP Scenario	2021		2026		2031		2041	
	Pop	Emp	Pop	Emp	Pop	Emp	Pop	Emp
NAINA (CIDCO)	0.73	0.18	0.76	0.20	0.75	0.24	0.79	0.38
Navi Mumbai (CIDCO Area)	1.20	0.33	2.14	0.86	2.75	1.74	5.21	3.78
Navi Mumbai (M Corp.)	3.98	1.54	4.69	1.80	5.48	2.01	7.57	2.68
Panvel City Municipal Corporation	6.57	1.69	7.73	2.23	8.84	2.87	11.73	4.29

9.4 BASE YEAR (2017) TRANSPORT NETWORK ANALYSIS

To understand the traffic characteristics around the proposed NMIA, Consultants made use of the CTS for MMR Updation Study base year 2017 transport network and travel demand analysis. It has been observed that, the major traffic around the proposed NMIA is freight vehicles which are mostly originated or destined from/ to JNPT and surround areas.

The details regarding NMIA delineated study area have been described in the previous chapter where the details of network, landuse, planning variables have been documented. Similar details are assessed for CSMIA and the details are described in the following sections. Further, comparison of travel demand and level of service in the delineated areas of CSMIA and NMIA are presented.

9.4.1 CSMIA Delineated Area

Based on the updated TAZ system and 5 km radius from CSMIA boundary, preliminary delineated area has been identified and shown in Figure 9-5. Approximate area covered is about 209.7 sqkm.

9.4.2 Land Availability in CSMIA Delineated Area

Landuse details of CSMIA delineated area is presented in Table 9-6 The total land within the delineated area is about 209.7 sqkm. Out of which land available for development is 6.8 sqkm and built up area is 115.2 sqkm. The land not available for development is 87.1 sqkm.

Table 9-6: Landuse in CSMIA Delineated Area

Units	Area (sqkm)
Total Influence Area	209.7
Built up	115.2
Land Available	6.8
Land Not Available	87.1

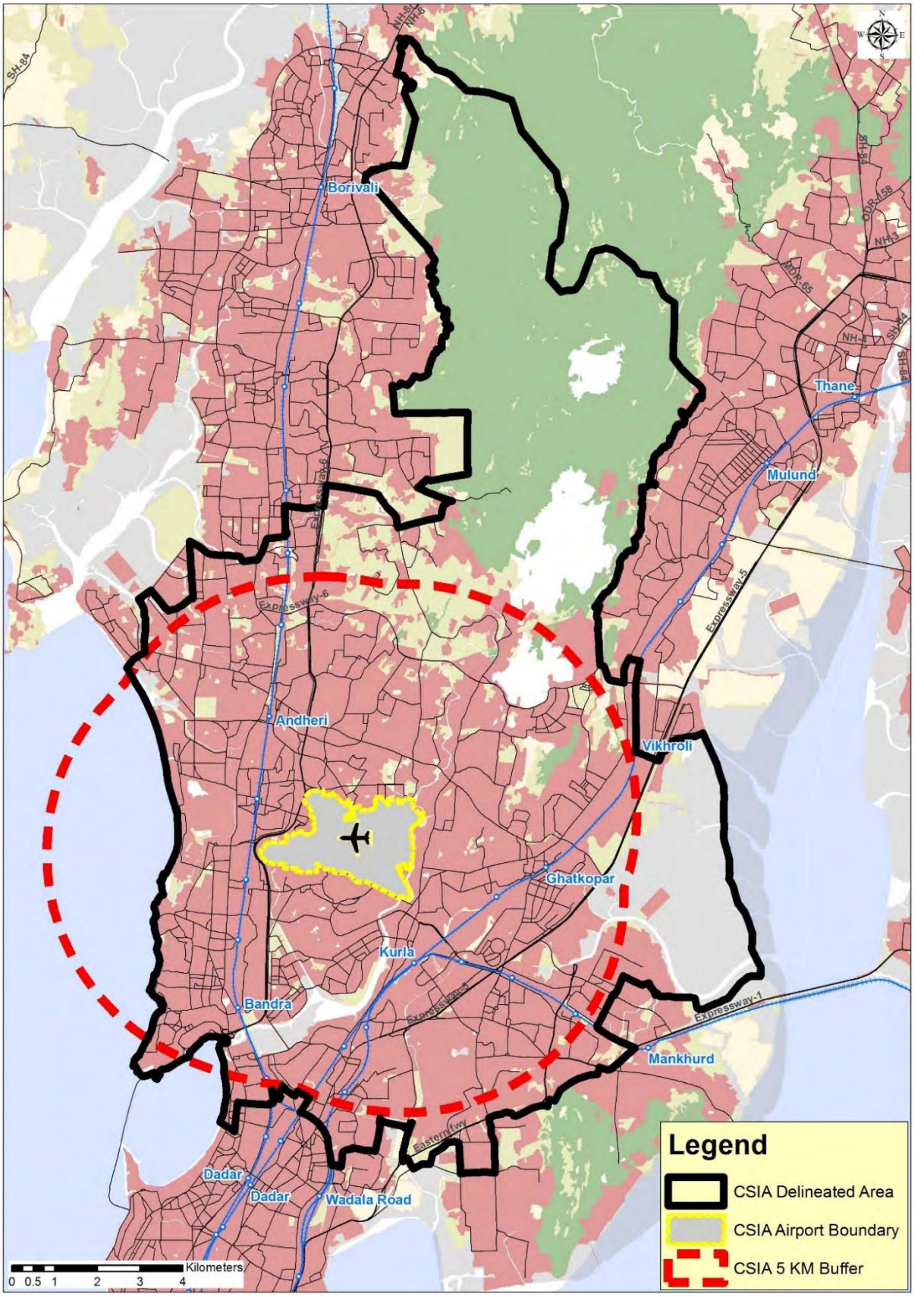


Figure 9-5: CSMIA Delineated Area

9.4.3 Road Network in CSMIA Delineated Area

The existing road network as well as sub-urban and metro corridors providing regional connectivity to CSMIA are congested and crowded and need capacity enhancements to satisfy the growing travel demand in general and airport generated traffic in specific. Further, additional local road network is very much required to enhance the accessibility to CSMIA. Approximate length of road network located within the delineated study area is about 523 km. The road network details within the delineated study area are presented in and shown in. The existing regional connectivity to NMIA is shown in Figure 9-6.

9.4.4 Public Transport Network in Delineated Area

The existing suburban and metro networks providing regional connectivity to the existing CSMIA are congested and crowded. The approximate length of the suburban network located within the delineated study area is about 39 km and Metro about to 10.9 km.

9.4.5 Planning Parameters on CSMIA Delineated Area

As part of the CTS for MMR updation study, population and employment at TAZ level are assessed for the Base Year 2017 for complete MMR. Population and employment within the delineated area is about 55.83 lakh and 27.59 lakh respectively. The detailed TAZ level planning parameters with delineated study area are presented in Annexure 9-3 and Annexure 9-4.

9.4.6 Comparison of Planning Parameters between DRP and CTSU Scenarios

The planning parameters as per DRP and CTSU scenarios are shown in Table 3-5. The total population and total employment at MMR level will be the same in both scenarios, only the spatial distribution at the cluster level is varying. In the CTSU scenario, there are some deviations forecasted in population and employment depending on the proposed growths within the region. For Greater Mumbai, within the delineated area, population is 57.9 lakh in horizon year 2021 for CTSU scenario whereas for DRP scenario it is 56.6 lakh. Moreover, the employment in horizon year 2021 for CTSU Scenario for Grater Mumbai in the delineated area is 29.1 lakh whereas for DRP scenario it is 28.6 lakh.

For Greater Mumbai in the Delineated area within the study area, the population is 57.8 lakh in horizon year 2041 for CTSU scenario whereas for DRP scenario it is 48.3 lakh. Moreover, the employment in horizon year 2041 for CTSU Scenario for Grater Mumbai in the delineated area is 31.9 lakh respectively whereas for DRP scenario it is 28.9 lakh.

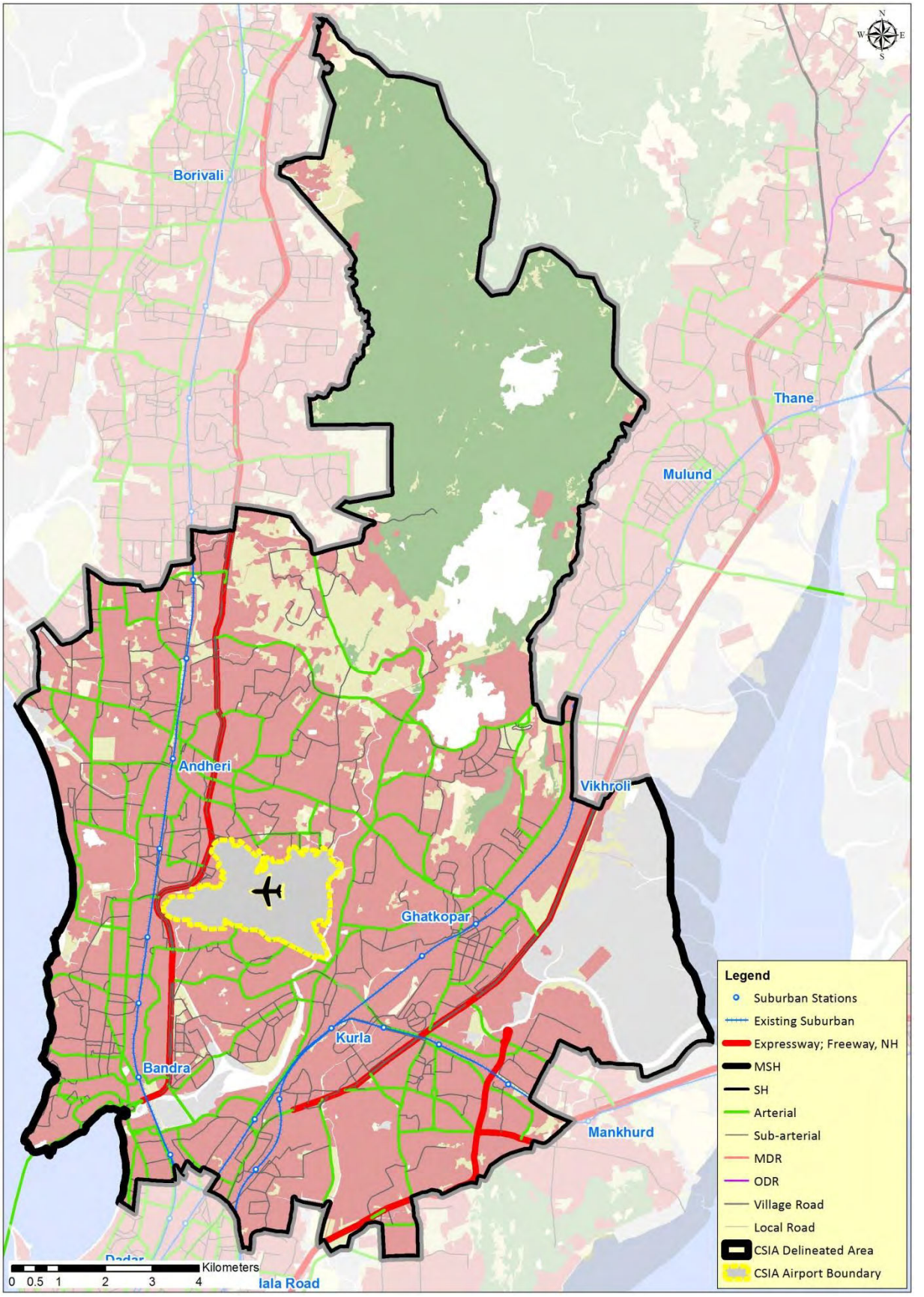


Figure 9-6: Existing Roads within CSMIA delineated Area

Table 9-7: CSMIA Delineated Area Population and Employment for various horizon years in lakhs

Scenario	Population				Employment			
	2021	2026	2031	2041	2021	2026	2031	2041
DRP Scenario	56.6	54.8	53.5	48.3	28.6	28.9	29.0	28.9
CTSU Scenario	57.9	58.2	58.8	57.8	29.1	30.2	30.8	31.9

The consultants have studied in detail the two airports exclusively on various characteristics. The first comparison was made on the type of trips that are being made from and to the respective airports in exclusivity. The trips are classified into four parts; Internal-Internal (Within the 5km delineated area of each airport), Internal-External (trips made from within the delineated area to any other part of MMR), External-Internal (trips made from any part of MMR to the delineated area) and lastly External-External (trips that are passing through the delineated area but are neither destined nor produced in the delineated area). Table 9-8 describes the travel pattern of the two airport delineated areas separately. Keeping in mind that the results have been obtained from the 2017 Base year model prepared by the consultants for the morning peak period i.e. from 6 am to 11 am, significant trips are made from and to the CSMIA airport influence zone, truly depicting the brownfield airport surrounding area characteristics. It is seen that most of the trips fall under the category of External-External trips as the CTS for MMR Updation Model for 2017 has been taken for the entire region; consequently, the trips in the airport delineated areas will only be a small proportion of the entire trips being made in the region.

Table 9-8: Trips Totals of CSMIA and NMIA, 2017

Trips	CSMIA	NMIA
Internal – Internal	504,050	28,142
Internal – External	780,162	212,215
External - Internal	1,070,161	122,651
External - External	3,286,367	5,277,732

Looking at the trip totals being made; the consultants analysed the mode wise trips being into and from the airport delineated zones for CSMIA and NMIA separately. Table 9-9 to Table 9-15 describe the trip totals of individual modes within the respective delineated areas based on the trip type, i.e. Internal - Internal, Internal - External, External - Internal and External - External.

Table 9-9: Car Trip Totals of CSMIA and NMIA, 2017

Car	CSMIA	NMIA
Internal – Internal	69,603	4,304
Internal – External	49,471	5,576
External - Internal	56,905	3,652
External - External	210,144	372,592

Table 9-10: Two-Wheeler Trip Totals of CSMIA and NMIA, 2017

Two-Wheeler	CSMIA	NMIA
Internal – Internal	107,738	6,667
Internal – External	81,819	10,309
External - Internal	85,727	6,614
External - External	344,655	596,350

Table 9-11: Rickshaw Trip Totals of CSMIA and NMIA, 2017

Rickshaw	CSMIA	NMIA
Internal – Internal	67,125	4,476
Internal – External	16,581	2,137
External - Internal	21,534	1,895
External - External	171,678	268,410

Table 9-12: Taxi Trip Totals of CSMIA and NMIA, 2017

Taxi	CSMIA	NMIA
Internal – Internal	52,542	2,037
Internal – External	74,989	6,774
External - Internal	29,818	875
External - External	190,596	338,259

Table 9-13: Bus Trip Totals of CSMIA and NMIA, 2017

Bus	CSMIA	NMIA
Internal – Internal	85,280	4,791
Internal – External	135,926	46,791
External - Internal	201,581	29,521
External - External	590,008	931,693

Table 9-14: Train Trip Totals of CSMIA and NMIA, 2017

Train	CSMIA	NMIA
Internal – Internal	119,975	5,868
Internal – External	410,676	133,461
External - Internal	648,224	77,786
External - External	1,697,914	2,659,675

Table 9-15: Metro Trip Totals of CSMIA and NMIA, 2017

Metro	CSMIA	NMIA
Internal – Internal	1,787	-
Internal – External	10,699	7,167
External - Internal	26,371	2,307
External - External	81,372	110,754

Table 9-16: Mode Split of Trips Originating and Destined in Airport Delineated Area

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	106,377	9,228	5.7%	2.8%
Two-Wheeler	167,546	16,923	9.1%	5.1%
Rickshaw	38,115	4,033	2.1%	1.2%
Taxi	104,807	7,649	5.7%	2.3%
Bus	337,507	76,312	18.2%	22.8%
Train	1,058,901	211,247	57.2%	63.1%
Metro	37,070	9,475	2.0%	2.8%
Total	**1,850,323**	**334,866**	**100.0%**	**100.0%**
PVT	273,923	26,151	14.8%	7.8%
IPT	142,922	11,682	7.7%	3.5%
PT	1,433,478	297,033	77.5%	88.7%

Table 9-16 describes in detail the trips originating and getting destined within the respective Airport delineated areas. It is seen that 14.8% of the trips to and from CSMIA delineated area are being done using private vehicles. It is to be noted that the suburban rail connectivity in the brownfield airport area has been intense and so is the use of private vehicles with the presence of high-income groups in Greater Mumbai. In case of NMIA, the harbour line from Goregaon to Panvel which also attracts services from CSMT to Panvel holds a major trip share and hence the suburban takes 63.1% of the total trips being produced or attracted to NMIA.

After analysing the mode wise trips that are being produced or attracted within the respective delineated areas of the 2 airports, the local connectivity had to be studied in detail on the Major Roads that are being used to access both the roads and their dispersal in the immediate vicinity had to be focused to justify the seamless travel from the base year to the future horizon years. The consultants have used Level of Service

as an indicator of the road-based modes where the volume to capacity ratio have been analysed on individual links of the network and a weighted average of the length of each has been used in order to better understand the effects of congestion on a micro-scale.

Table 9-17: Weighted Volume/Capacity ratio of Major Roads connecting to CSMIA and NMIA within delineated area only, 2017

Airport	Road Name	Length (km)	Weighted v/c
CSMIA	EEH	9.76	0.812
	WEH	38.59	0.786
	Sion-Panvel Highway	2.63	1.027
	JVLR	10.92	0.771
	SV Road	13.76	0.929
	SCLR	9.19	0.693
	Andheri Ghatkopar Eastern Express Highway	9.15	1.01
	Link Road	1.58	0.734
	LBS MARG	12.72	1.08
	Sahar Elevated Road	5.25	0.191
NMIA	Sion Panvel Highway	17.55	0.62
	SH 54	14.09	0.179
	SH 104	3.67	0.006
	Palm Beach Road	6.78	0.444
	NH-4C	4.56	0.147
	NH-4	5.96	0.246
	Mumbai Pune Exp	10.87	0.296
	JNPT Road (NH4B)	15.72	0.628
	Amra Marg (NH-348A)	7.40	1.093

Table 9-17 describes the major roads that fall within the delineated areas of both CSMIA and NMIA. The weighted volume/capacity ratios obtained from the calibrated the Base year 2017 model in EMME shows the dominance of the brownfield development related traffic surrounding the airport area of CSMIA. In case of the Navi Mumbai proposed airport area, the traffic on the major roads are the Trucks that are destined towards JNPT.

9.5 HORIZON YEAR TRANSPORT NETWORK ANALYSIS

The base year assessment from the travel demand model suggested higher congestion on the major roads surrounding the CSMIA and conversely, the delineated area surrounding the proposed NMIA showed lower congestion levels as there were no major productions or attractions in the zones other than JNPT during the base year. With the proposed development in the Navi Mumbai CIDCO cluster, major attractions like NMIA, Navi Mumbai SEZ, JNPT SEZ and the major proposed network interventions both in terms of Highways and Transit the Airport surrounding area will attract subsequent trips and a probable rise in the congestion levels will be seen on the major roads similar to that of the airport delineated area in the brownfield area. Greenfield airport delineated area during the base year had only one major attraction i.e. JNPT; which was mostly for freight traffic, with the aforementioned development in the cluster, the greenfield airport delineated area will hold similar characteristics like those in the context of brownfield airport delineated area.

Similar to the base year network, the proposed Road and Transit network is depicted in Figure 9-7 and detailed in Table 9-18 respectively.

Table 9-18: Proposed Network in CSMIA delineated area

SUBURBAN		
Corridor No.	**Name**	**Year**
S6	CSMT - Panvel	2026
HIGHWAY		
Corridor No.	**Name**	**Year**
H9	Western Sea Link North Extn (Bandra-Versova)	2026
H11	Goregaon Mulund Link Road	2026
H17	Eastern Freeway: Indian Oil Nagar to Ghatkopar	2031
H23	Western Sea Link North Extn (Versova-Kandivali)	2031
METRO		
Corridor No.	**Name**	**Year**
M-2A	Dahisar - DN Nagar	2021
M-3A	Bandra-SEEPZ	2021
M-7	Dahisar (E) - Andheri (E)	2021
M-2B	D.N. Nagar - Mandale	2026
M-3B	Colaba-Bandra	2026
M-4	Wadala-Kasarvadavali-Gaimukh	2026
M-6	Swami Samarth Naga- Vikhroli	2026
M-8	Airport metro (CSMIA – NMIA)	2026
M-7A	Andheri East to CSMIA	2026

It is pertinent to know the trips made within each of the delineated areas of the Airports, similar to the base year the classification is done in both DRP and CTSU scenario for 2026, 2031 and 2041. Table 9-19 to Table 9-24 detail the Trip totals in every horizon year for both the aforementioned scenarios.

Table 9-19: Trips Totals of CSMIA and NMIA, 2026 DRP Scenario

Trips	CSMIA	NMIA
Internal – Internal	498	74
Internal – External	30,196	7,869
External - Internal	26,752	7,449
External - External	6,490,978	6,533,032

Table 9-20: Trips Totals of CSMIA and NMIA, 2026 CTSU Scenario

Trips	CSMIA	NMIA
Internal – Internal	568	95
Internal – External	32,311	10,655
External - Internal	28,278	8,427
External - External	6,487,651	6,529,632

Table 9-21: Trips Totals of CSMIA and NMIA, 2031 DRP Scenario

Trips	CSMIA	NMIA
Internal – Internal	532	192
Internal – External	31,237	7,759
External - Internal	29,105	22,390
External - External	6,998,961	7,029,495

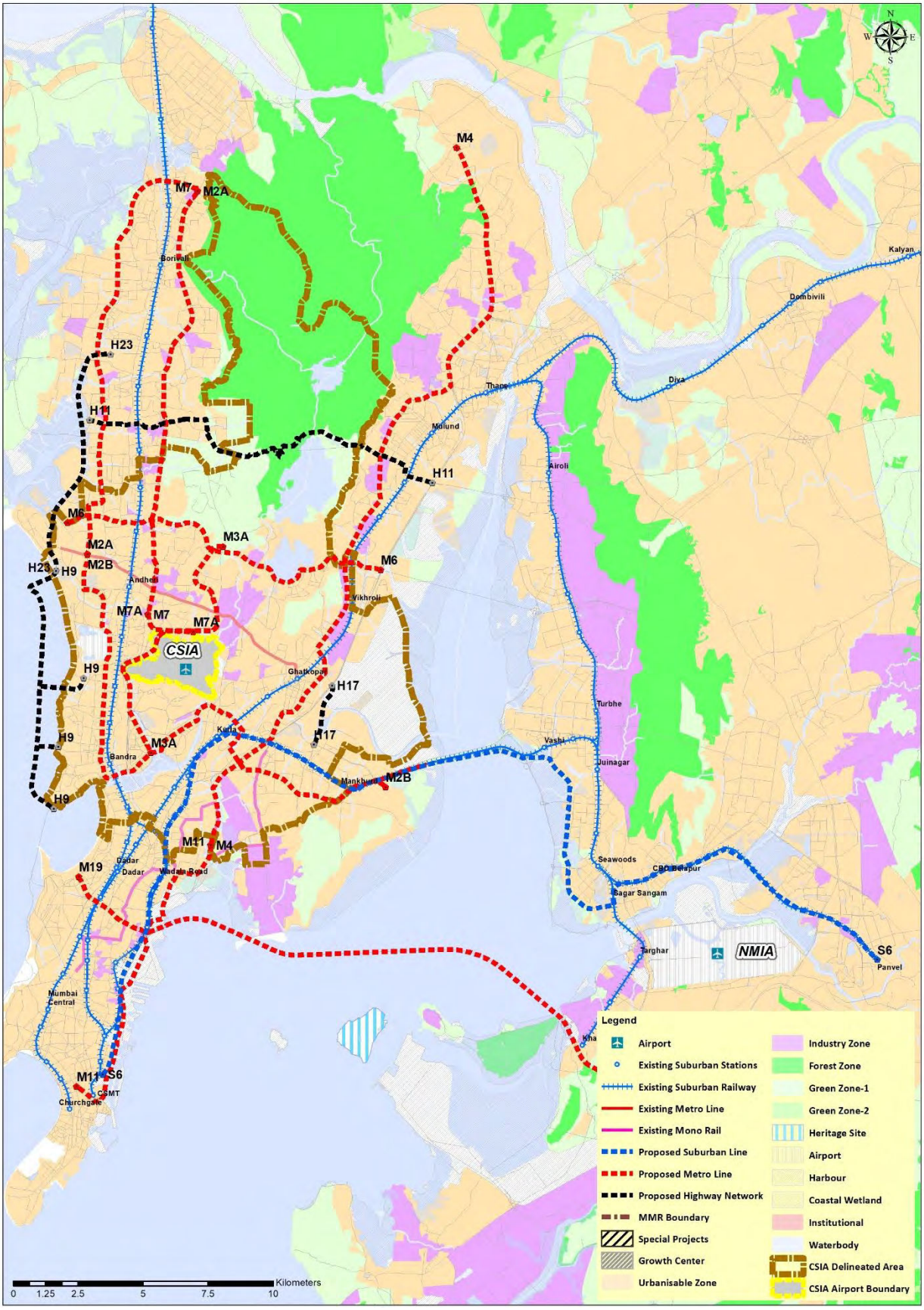


Figure 9-7: Proposed Transit and Highway Network within CSMIA delineated area

Table 9-22: Trips Totals of CSMIA and NMIA, 2031 CTSU Scenario

Trips	CSMIA	NMIA
Internal – Internal	619	243
Internal – External	34,576	9,737
External - Internal	31,252	23,156
External - External	6,994,277	7,027,589

Table 9-23: Trips Totals of CSMIA and NMIA, 2041 DRP Scenario

Trips	CSMIA	NMIA
Internal – Internal	577	27
Internal – External	31,596	2,494
External - Internal	31,953	7,988
External - External	7,949,673	8,003,289

Table 9-24: Trips Totals of CSMIA and NMIA, 2041 CTSU Scenario

Trips	CSMIA	NMIA
Internal – Internal	765	35
Internal – External	38,476	2,837
External - Internal	35,981	8,206
External - External	7,940,089	8,004,232

Table 9-25 to Table 9-30 describe the mode split of the trips originating and getting destined in the airport delineated areas for 2026, 2031 and 2041 in both the DRP and CTSU Scenarios. It is seen that both delineated areas are served well with public transport systems i.e. Suburban rail and metro. There has been a marginal rise in the public transport share but the absolute trips being made have been very significant.

Table 9-25: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2026 DRP

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	75,096	13,351	3.9%	2.7%
Two-Wheeler	112,320	25,686	5.8%	5.3%
Rickshaw	35,185	8,476	1.8%	1.7%
Taxi	85,291	12,119	4.4%	2.5%
Bus	118,832	28,524	6.2%	5.8%
Train	728,935	212,971	37.8%	43.6%
Metro	772,204	187,391	40.1%	38.4%
Total	**1,927,864**	**488,518**	**100.0%**	**100.0%**
PVT	187,416	39,038	9.7%	8.0%
IPT	120,476	20,595	6.2%	4.2%
PT	1,619,972	428,886	84.0%	87.8%

Table 9-26: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2026 CTSU

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	77,965	10,274	3.9%	2.1%
Two-Wheeler	114,107	19,184	5.8%	4.0%
Rickshaw	37,828	7,435	1.9%	1.6%
Taxi	86,219	11,168	4.3%	2.3%
Bus	115,069	22,601	5.8%	4.7%
Train	579,868	164,052	29.2%	34.2%
Metro	972,674	244,656	49.0%	51.0%
Total	**1,983,731**	**479,370**	**100.0%**	**100.0%**
PVT	192,072	29,457	9.7%	6.1%
IPT	124,047	18,603	6.3%	3.9%
PT	1,667,611	431,309	84.1%	90.0%

Table 9-27: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2031 DRP

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	67,094	13,508	3.4%	2.2%
Two-Wheeler	95,627	24,824	4.8%	4.1%
Rickshaw	26,618	7,712	1.3%	1.3%
Taxi	65,890	10,060	3.3%	1.7%
Bus	103,728	27,066	5.2%	4.5%
Train	605,098	214,003	30.4%	35.3%
Metro	1,023,541	309,723	51.5%	51.0%
Total	**1,987,595**	**606,896**	**100.0%**	**100.0%**
PVT	162,721	38,332	8.2%	6.3%
IPT	92,508	17,772	4.7%	2.9%
PT	1,732,367	550,792	87.2%	90.8%

Table 9-28: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2031 CTSU

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	73,523	12,092	3.5%	2.1%
Two-Wheeler	104,734	23,245	5.0%	4.0%
Rickshaw	29,474	7,086	1.4%	1.2%
Taxi	71,201	9,790	3.4%	1.7%
Bus	111,393	26,515	5.3%	4.6%
Train	628,181	203,677	30.1%	35.1%
Metro	1,069,530	298,570	51.2%	51.4%
Total	**2,088,036**	**580,976**	**100.0%**	**100.0%**
PVT	178,257	35,337	8.5%	6.1%
IPT	100,675	16,876	4.8%	2.9%
PT	1,809,104	528,762	86.6%	91.0%

Table 9-29: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2041 DRP

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	66,576	20,191	3.3%	2.4%
Two-Wheeler	89,873	38,213	4.4%	4.5%
Rickshaw	22,692	10,021	1.1%	1.2%
Taxi	60,568	11,510	3.0%	1.4%
Bus	98,055	36,697	4.8%	4.4%
Train	637,163	308,713	31.3%	36.7%
Metro	1,063,917	414,958	52.2%	49.4%
Total	**2,038,843**	**840,303**	**100.0%**	**100.0%**
PVT	156,449	58,404	7.7%	7.0%
IPT	83,260	21,531	4.1%	2.6%
PT	1,799,134	760,368	88.2%	90.5%

Table 9-30: Mode Split of Trips Originating and Destined in Airport Delineated Area, 2041 CTSU

Mode	CSMIA	NMIA	CSMIA_Mode Split	NMIA_Mode Split
Car	78,330	17,083	3.5%	2.2%
Two-Wheeler	104,988	35,180	4.7%	4.5%
Rickshaw	26,946	8,903	1.2%	1.1%
Taxi	68,265	10,396	3.1%	1.3%
Bus	110,616	35,631	5.0%	4.6%
Train	661,380	282,321	29.9%	36.3%
Metro	1,164,003	388,552	52.6%	49.9%
Total	**2,214,529**	**778,066**	**100.0%**	**100.0%**
PVT	183,318	52,263	8.3%	6.7%
IPT	95,211	19,298	4.3%	2.5%
PT	1,936,000	706,504	87.4%	90.8%

9.5.1 Proposed Junction Improvements/ Grade Separation Facilities

Some major junctions are also identified to understand traffic movements and functionality. The major intersections are identified and presented in Table 9-31 and Figure 9-8.

Table 9-31: Identified Major Intersections

Name of Intersection	No. of Arms	Leading to
Belapur Phata/Kille Junction	4	North – Amra Marg (NH 348 A)/Turbhe/ Vashi South – Amra Marg/ NMI Airport/ JNPT East – Sakal Bhavan marg/ Belapur West – Palm Beach Road/ Vashi
Gavan Phata	5	North – Amra Marg (NH 348 A)/ Airport/ Belapur South-East – JNPT (NH-4B) North-East – Kopar/ Panvel (SH-54) South – SH-81
Kopar Junction	3	North –Amra Marg (NH 348 A)/ Airport/ Belapur East – Palaspe village/ Pune West – JNPT (NH-4B)
Palaspe Phata	4	North-West – Mumbai-Pune Road (NH-4) South-East – NH-4 to Pune South – NH-17 to Goa South-West – to JNPT (NH-4B)
Kalamboli Intersection	5	North – Mumbai-Pune Road (NH-4) North-West – Sion-Panvel Expressway/ Uran Phata South-East – Sion-Panvel Expressway to Pune South-West – NMIA / JNPT Road South-East – Mumbai-Pune Road (NH-4)
Uran Phata	4	North – AMRA MARG (NH 348 A)/ Turbhe/ Vashi North East- MIDC Service Road South-West – Belapur South – Sion-Panvel Expressway/ SH-42

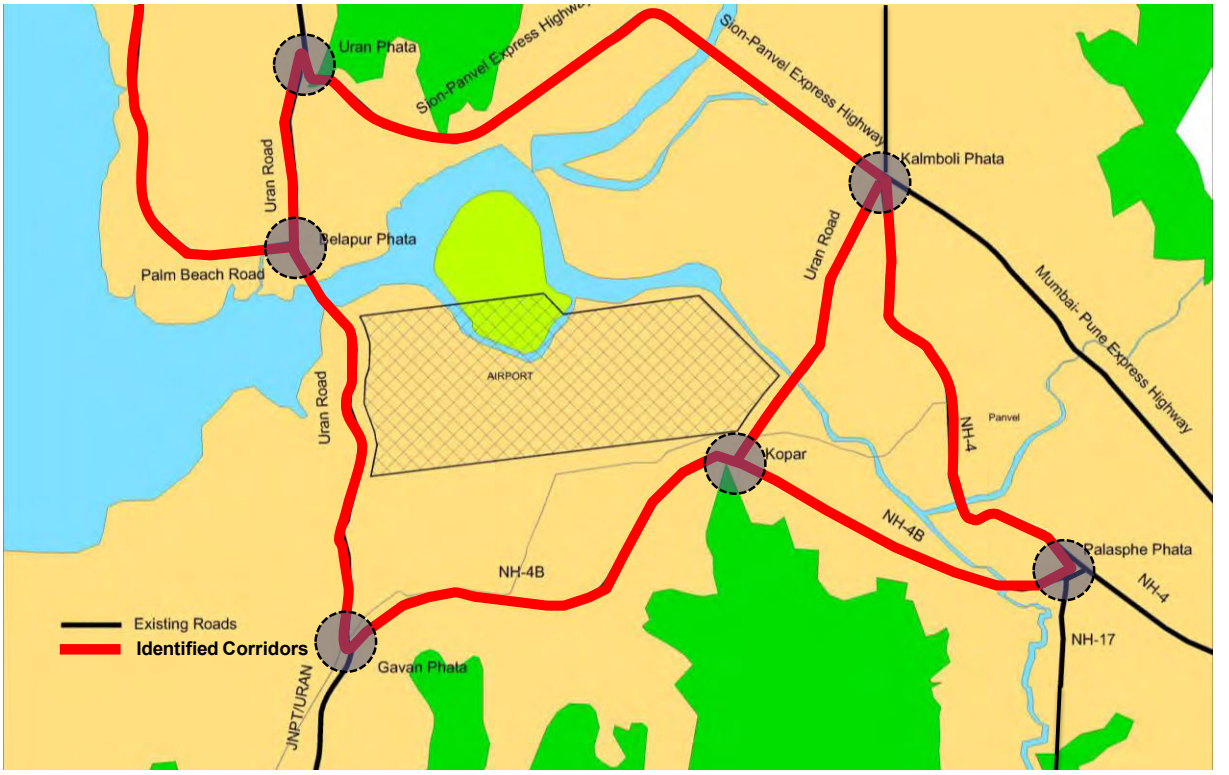


Figure 9-8: Identified Major Transport Corridors and Major Intersections

Consultants have identified 32 major junctions in the NMIA delineated study area (Figure 9-9) which warrant for intersection improvements by 2026. The junctions where total intersection volume is greater than 3,000 PCUs/hr in a particular horizon year within the delineated study area have been proposed for installation of traffic signal. In addition to above, the junctions where total intersection traffic is greater than 10,000 PCUs/hr have been proposed for grade separation. Total intersection traffic volumes in PCUs/ hr by horizon year wise i.e. 2026, 2031 and 2041 for DRP and CTSU scenarios are assessed from transport network analysis using EMME software and the details are presented in Table 9-32.

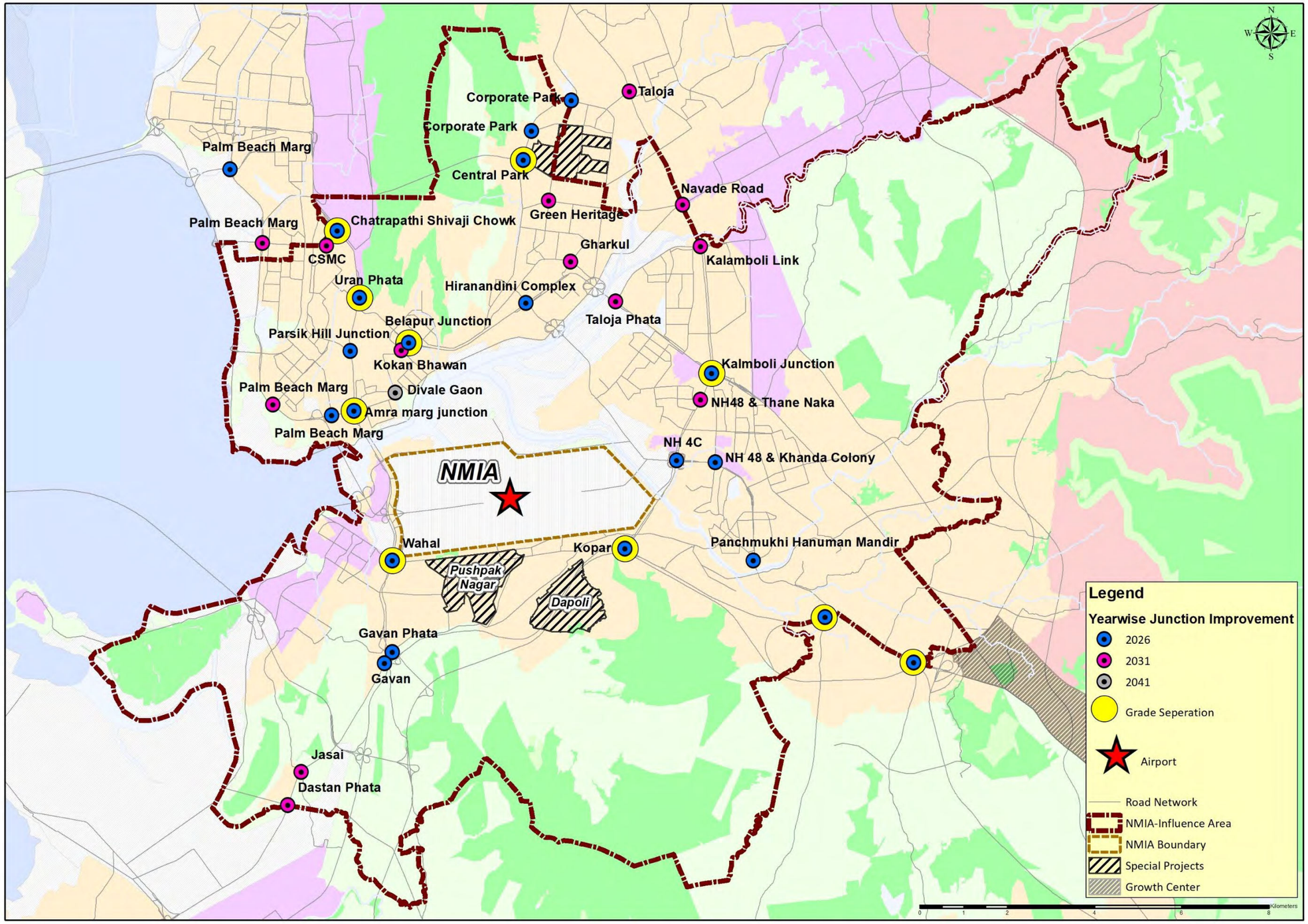


Figure 9-9: Identified Major Intersections in the Delineated Study area of NMIA

Table 9-32: Total Intersection Volume in PCUs/hr at Major Intersections in the Delineated Study Area of NMIA

Sl. No.	Name	DRP			CTSU			Recommended for Traffic Actuated Signal conversion/ installation or Grade Separation by
		2026	2031	2041	2026	2031	2041	
1	NH 4C	3,850	2,900	4,550	3,600	3,000	4,250	TAS: 2026
2	NH48 & Thane Naka	2,900	1,900	2,800	2,600	2,000	2,750	TAS: 2026
3	NH 48 & Khanda Colony	2,600	6,450	6,650	2,500	6,450	6,500	TAS: 2031
4	Kopar	9,050	9,150	13,500	8,100	9,200	14,100	TAS: 2026 and GS: 2026
5	Panchmukhi Hanuman Mandir*	3,300	6,550	7,450	3,300	6,550	7,500	TAS: 2026
6	Gavan Phata	4,350	3,900	6,050	4,250	4,300	6,650	TAS: 2026
7.1	Palm Beach Marg*	2,900	4,350	5,250	2,400	4,200	5,750	TAS: 2026
7.2	Palm Beach Marg*	2,250	3,750	4,800	2,000	3,650	4,550	TAS: 2031
7.3	Palm Beach Marg*	4,150	5,200	7,000	3,600	4,650	6,200	TAS: 2031
7.4	Palm Beach Marg*	5,700	5,750	7,950	5,050	5,650	6,900	TAS: 2026
8	Uran Phata*	9,100	12,300	13,750	6,650	11,750	13,750	TAS: 2026 and GS: 2026
9	Parsik Hill Junction*	2,950	2,900	3,950	2,650	2,700	3,500	TS: 2026
10	Amra Marg Junction*	9,550	9,650	16,100	7,900	9,350	13,850	TAS: 2026 and GS: 2026
11	Chatrapathi Shivaji Chowk*	9,350	12,450	14,650	8,650	12,000	13,550	TAS: 2026 and GS: 2026
12	CSMC	2,800	3,950	4,800	2,400	3,650	4,250	TAS: 2031
13	Divale Gaon	2,050	2,450	3,300	1,800	2,100	2,400	TAS: 2041
14	Kokan Bhawan*	2,150	2,900	3,700	1,900	2,650	3,200	TAS: 2031
15	Kalmboli Junction*	10,300	13,650	17,150	9,650	13,850	17,100	TAS: 2026 and GS: 2026
16	Gavan	5,950	6,700	7,350	3,950	6,650	7,950	TAS: 2026
17	Jasai	2,400	3,000	4,200	2,100	3,150	4,850	TAS: 2031
18	Dastan Phata	2,400	3,100	4,300	2,100	3,250	4,700	TAS: 2031
19	Kalamboli Link*	2,650	3,300	3,950	2,400	3,300	3,900	TAS: 2031
20	Taloja Phata*	2,050	5,850	5,900	1,900	5,800	5,800	TAS: 2031
21	Hiranandini Complex*	2,900	6,950	7,300	2,850	6,900	7,250	TAS: 2026
22	Belapur Junction*	5,636	9,889	11,170	5,183	9,638	10,730	TAS: 2026 and GS: 2031
23	Navade Road*	2,600	7,250	9,350	2,400	7,200	8,750	TAS: 2031
24	Wahal	9,450	9,100	11,850	8,750	8,750	12,000	TAS: 2026 and GS: 2026
25	Central Park	8,300	6,800	10,200	7,400	6,500	8,550	TAS: 2026 and GS: 2041
26	Green Heritage	2,550	3,000	4,000	2,400	2,950	3,800	TAS: 2031
27	Gharkul	2,500	3,000	3,950	2,350	2,800	3,850	TAS: 2031
28	Corporate Park-1	5,800	4,250	6,050	5,000	4,000	5,150	TAS: 2026
29	Corporate Park-2	5,500	2,850	4,500	4,750	2,700	3,800	TAS: 2026
30	Taloja*	2,200	3,100	3,850	2,000	3,050	3,650	TAS: 2031
31	Palaspe Phata	9000	11200	13100	8700	11200	13600	TAS: 2026 and GS: 2026
32	Kone Phata	4800	5800	6900	4700	6000	7100	TAS: 2026 and GS: 2041

TAS: Traffic Actuated Signal; GS: Grade Separation

Note: * The intersections where there are already signals are present, they are proposed for conversion to Traffic Actuated Signalling system.

For effective traffic monitoring and control within the NMIA delineated area, Area Traffic Control (ATC) System is proposed as shown in Figure 9-10.

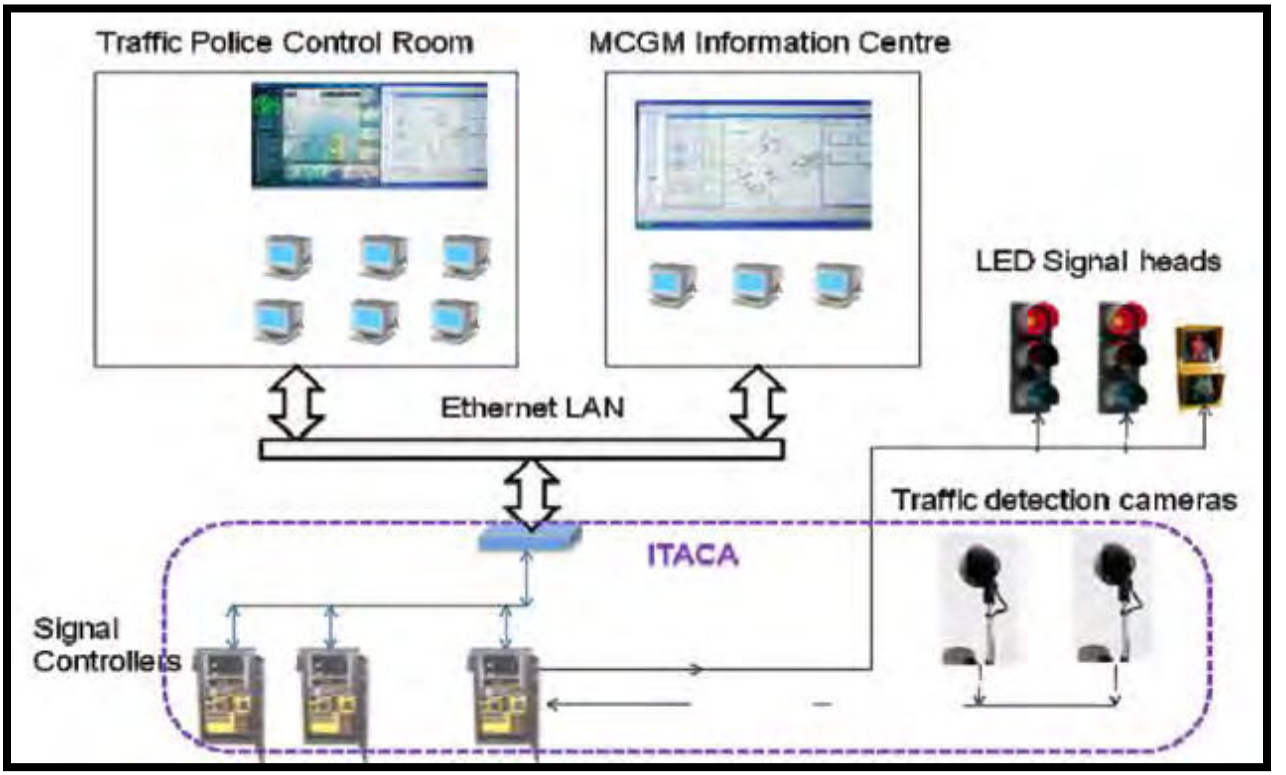


Figure 9-10: Area Traffic Control (ATC) System Proposed for NMIA Delineated Study Area

9.5.2 Missing links and Widening of Roads

Within the delineated study area of NMIA, widening of existing roads and new/ missing links from DPs/ MPs/ Present study assessments are proposed to enhance the transport connectivity and to have very

good traffic operating conditions during the horizon period upto 2041. Road network details are presented in Table 9-35. The capacity increase for the period upto 2041 would be about 40% considering the length and about 90% considering lane-km compared to base year 2017.

Table 9-33: Road Network Details in the Delineated Study Area of NMIA: Base Year 2017 and Horizon Year 2041

Sl. No.	Planning Area	Road Network 2017		Road Network 2026		Road Network 2031		Road Network 2041	
		Length (km)	Lane (km)	Length (km)	Lane (km)	Length (km)	Lane (km)	Length (km)	Lane (km)
1	NAINA	32.1	101.3	41.4	235.2	55.5	351.6	58.8	372.2
2	Navi Mumbai M Corp	65.1	317.9	73.1	357.7	73.1	357.7	77.2	382.8
3	Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe)	133.9	580.1	144.0	783.8	151.2	829.9	153.0	841.7
4	Panvel M Corp	86.9	248.1	136.5	640.0	143.6	684.0	154.9	757.4
Total		**318**	**1,247**	**395**	**2,017**	**423**	**2,223**	**444**	**2,354**

Details on planning area wise widening of existing roads and new/ missing links for the horizon year 2041 are presented in Table 9-34.

Table 9-34: Details on Planning area wise Widening of Existing Roads and New/ Missing Links for the Horizon Year 2041

Sl. No.	ULB Name	Widening (km)	New/ Missing Links (km)
1	NAINA	5.91	96.25
2	NMMC	1.66	0
3	Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe)	28.64	63.24
4.	Panvel	10.43	21.82
Total		**46.64**	**181.31**

Proposed widening of existing roads, new/ missing links and combined network of Proposed widening of existing roads and new/ missing links for the horizon year 2041 are shown in Figure 9-11, Figure 9-12 and Figure 9-13 respectively.

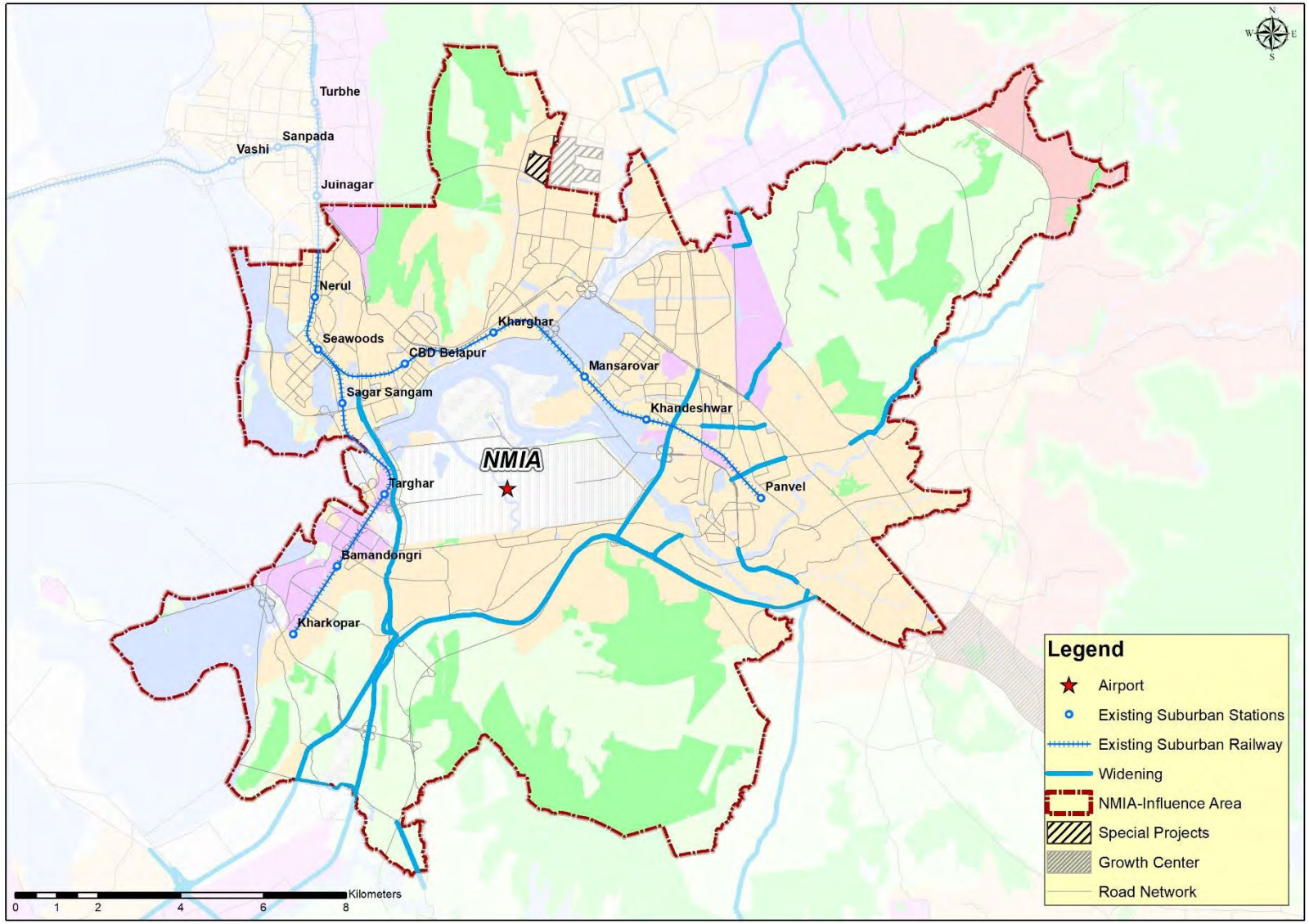


Figure 9-11: Proposed Widening of Existing Roads for the Horizon Period upto 2041

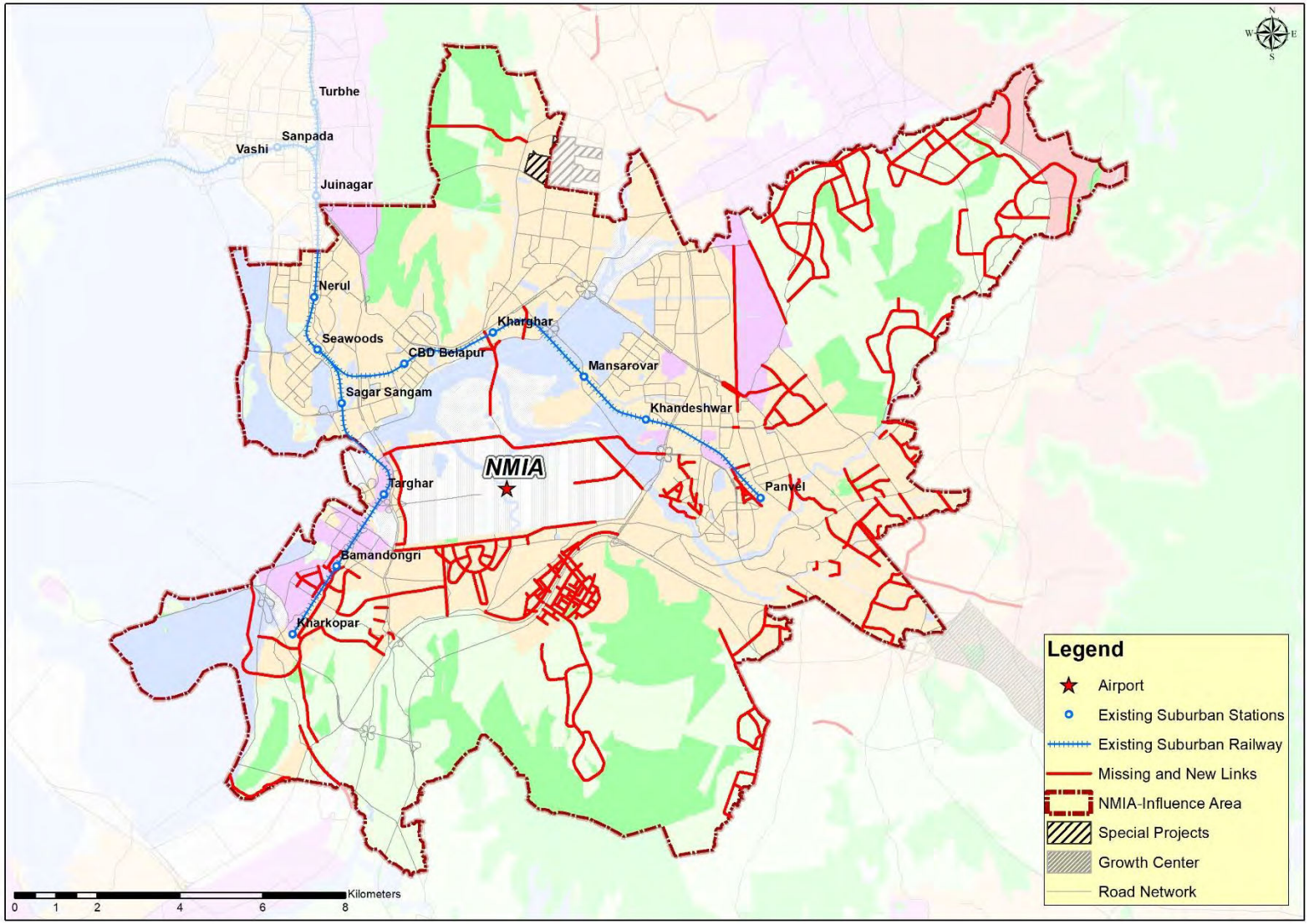


Figure 9-12: Proposed New/ Missing Links for the Horizon Period upto 2041

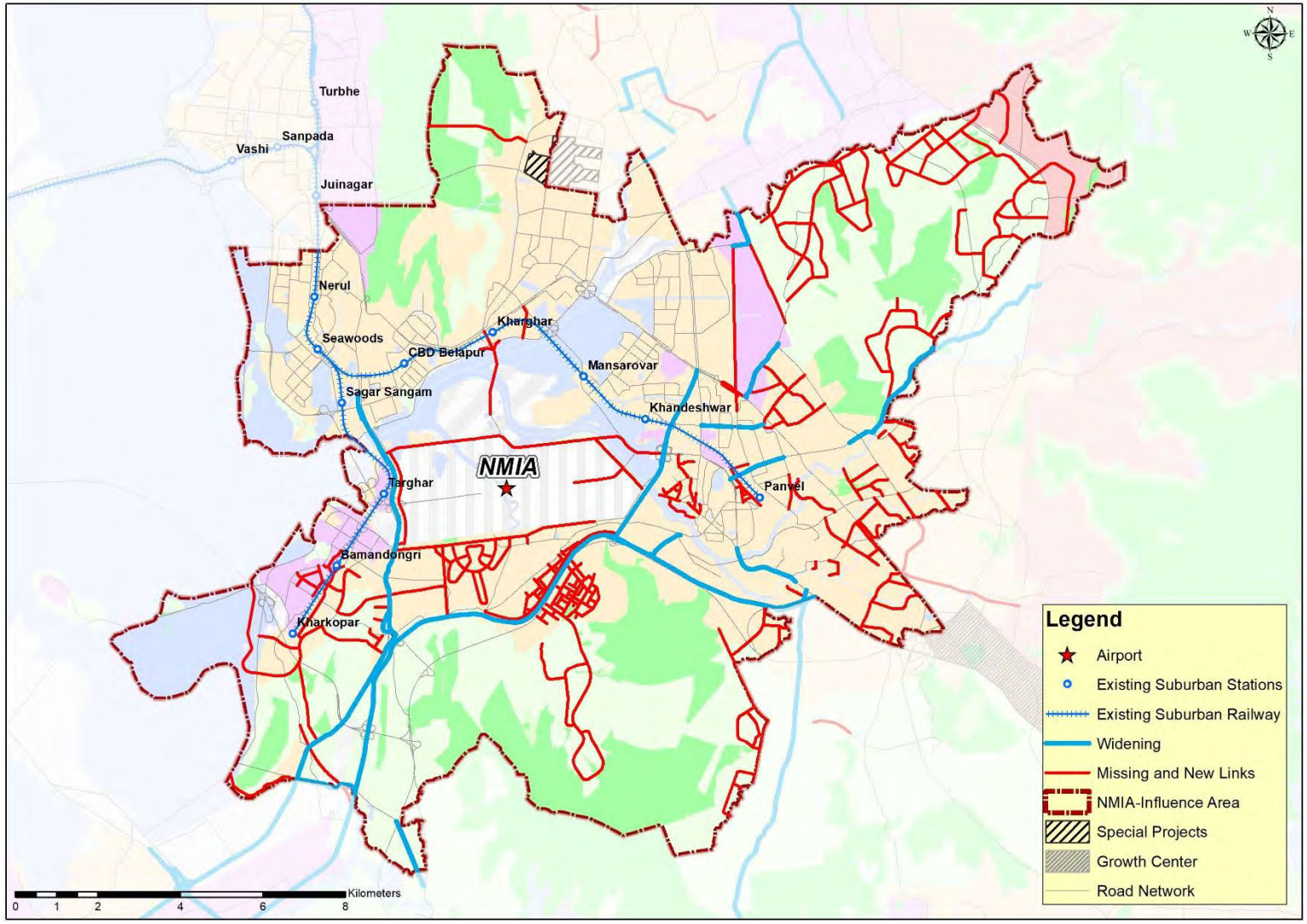


Figure 9-13: Combined Network of Proposed Widening of Existing Roads and New/ Missing Links for the Horizon Period upto 2041

9.6 SERVICE LEVEL COMPARISON

The volume/capacity ratio which is an indicator of traffic operating conditions i.e. service levels on the road network in the immediate vicinity of the airport is very important. The road network in the immediate vicinity of the NMIA should ideally offer a very good level of service during the horizon period upto 2041 which means fast dispersal of traffic and lesser travel times. Air passengers can become very frustrated if traffic congestion on roads within sight of the Airport results in missed flights or wasted non-refundable tickets. We contemplate at this stage the network and systems recommended should offer a predictability of travel times from different parts of the region meaning to say that service levels offered by major regional corridors as one approach to the airport. Further, major junctions/ intersections need to be grade-separated to the extent possible to avoid traffic signal delays. Minor junctions need to be signal controlled preferably with traffic actuated signalling system to avoid overall delays for the traffic. Details of the said proposals are covered in the above sections and service levels are presented in this section.

The Indian Highway Capacity Manual (INDO-HCM, 2017) defines level of service as a qualitative measure, describing operational conditions within a traffic stream and their perception by drivers / passengers. LOS definition generally describes these conditions in terms of factors such as speed and travel time, freedom to manoeuvre, traffic interruptions, comfort, convenience and safety. Six levels of service are recognised, and these are designated from A to E with LOS A representing the best operating condition i.e. free flow and the LOS E the worst i.e. forced or breakdown flow or saturated flow.

The objective of LOS is to relate the traffic service quality to a given flow rate of traffic. It is a term that designates a range of operating conditions on a particular type of facility. Speed has been considered as the principal factor affecting the LOS of an urban road segment under ideal conditions. Stream speed has been considered as the basic parameter for the estimation of LOS. Table 9-35 describes the Level of Service w.r.t volume/capacity ratios and their respective percentages of free flow speed.

Table 9-35: LOS of Multilane Divided Urban Roads based on Stream Speed, V/C Ratio, FFS

Level of Service	Volume/Capacity Ratio	Percentage of Free Flow Speed
LOS A	<= 0.15	>= 84
LOS B	0.15 - 0.45	83 -76
LOS C	0.46 - 0.75	75 - 59
LOS D	0.76 - 0.85	58 - 41
LOS E	0.86 - 1.00	40 - 22
LOS F	> 1.00	< 22

Table 9-36: Typical Illustration of LOS of Urban Roads

Level of Service	Description	Illustration
LOS A	Represents a condition of free flow. Individual drivers are virtually unaffected by the presence of others in the traffic stream. Freedom to select desired speeds and to manoeuvre within the traffic stream is high. The general level of comfort and convenience provided to the road users is excellent.	
LOS B	Represents a zone of stable flow, with the drivers still having reasonable freedom to select their desired speed and manoeuvre within the traffic stream. The level of comfort and convenience provided is somewhat less than the Level of Service A, because the presence of other vehicles in the traffic stream begins to affect individual behaviour.	
LOS C	This also is a zone of stable flow but marks the beginning of the range of flow in which the operation of individual drivers starts getting affected by interactions with others in the traffic stream. The selection of speed is now affected by the presence of others and manoeuvring within the traffic stream requires vigilance on the part of the user. The general level of comfort and convenience starts declining at this level.	
LOS D	Represents the limit of stable flow, with conditions approaching unstable flow. Due to high density, the drivers are severely restricted in their freedom to select desired speed and manoeuvre within the traffic stream. The general level of comfort and convenience is poor. Small increase in traffic flow will usually cause operational problems at this level.	

Level of Service	Description	Illustration
LOS E	Represents Operating conditions when traffic volumes are at or close to the capacity level. The speeds are reduced to a low; but relatively uniform value. Freedom to manoeuvre within the traffic stream is extremely difficult and is generally accomplished by forcing a vehicle to give way to accommodate such manoeuvre. Level of comfort and convenience is extremely poor; and a driver's frustration is generally high. Operations at this level are usually unstable. Small increases in flow or minor disturbances within the traffic stream will cause breakdowns.	
LOS F	Represents zone of forced or breakdown flow. This condition occurs when the amount of traffic approaching a point exceeds the amount which can pass it. Queues form behind such locations. Operations within the queue are characterized by stop and go waves, which are extremely unstable. Vehicles may progress at a reasonable Speed for several hundred meters and may then be required to step in a cyclic fashion. Due to high volumes, break-down occurs, and long queues and delays result.	

In the delineated study areas of both CSMIA and NMIA, the Consultants have assessed the volume to capacity ratios on the major roads across the various horizon years and the different scenarios and have been detailed in Table 9-37.

Table 9-37: Weighted Volume/Capacity ratio of Major Roads connecting to CSMIA and NMIA within Delineated Study Area only for the Horizon Years 2026, 2031 and 2041

Airport	Road Name	Length (km)	2017	2026_ DRP	2026_ CTSU	2031_ DRP	2031_ CTSU	2041_ DRP	2041_ CTSU
CSMIA	EEH	9.76	0.81	0.67	0.67	0.67	0.69	0.69	0.70
	WEH	38.59	0.79	0.39	0.41	0.38	0.40	0.39	0.42
	Sion-Panvel Highway	2.63	1.03	0.55	0.54	0.64	0.66	0.67	0.69
	JVLR	10.92	0.77	0.41	0.43	0.58	0.60	0.59	0.63
	SV Road	13.76	0.93	0.49	0.50	0.52	0.54	0.53	0.57
	SCLR	9.19	0.69	0.40	0.40	0.41	0.44	0.42	0.46
	Andheri Ghatkopar Eastern Express Highway	9.15	1.01	0.64	0.67	0.85	0.88	0.86	0.92
	Link Road	1.58	0.73	0.35	0.36	0.52	0.53	0.52	0.55
	LBS MARG	12.72	1.08	0.50	0.51	0.63	0.66	0.63	0.66
	Sahar Elevated Road	5.25	0.19	0.15	0.16	0.17	0.19	0.17	0.20
	Weighted		**0.83**	**0.49**	**0.51**	**0.59**	**0.62**	**0.60**	**0.64**
NMIA	Sion Panvel Highway	17.55	0.62	0.29	0.27	0.49	0.48	0.56	0.55
	SH 54	14.09	0.18	0.19	0.18	0.23	0.24	0.31	0.33
	SH 104	3.67	0.01	0.02	0.02	0.02	0.02	0.02	0.02
	Palm Beach Road	6.78	0.44	0.17	0.15	0.24	0.22	0.33	0.29
	NH-4C	4.56	0.15	0.23	0.21	0.16	0.16	0.25	0.24
	NH-4	5.96	0.25	0.19	0.18	0.28	0.28	0.32	0.32
	Mumbai Pune Expressway	10.87	0.30	0.27	0.25	0.23	0.24	0.34	0.37
	JNPT Road (NH4B)	15.72	0.63	0.21	0.20	0.21	0.22	0.34	0.36

	Amra marg (NH-348A)	7.40	1.09	0.31	0.28	0.41	0.41	0.53	0.53
	Weighted		**0.33**	**0.12**	**0.10**	**0.12**	**0.14**	**0.17**	**0.22**

In case of CSMIA, weighted V/C assessed for the base year 2017 is 0.83 (LOS D) and for the horizon period upto 2041 would vary from 0.49 to 0.64 (LOS C) which is very good. All the major roads have seen a betterment in terms of the congestion level which is due to the massive 167 km metro network which is under construction in Greater Mumbai and available before 2026. Also, major highway network which improves the east-west connectivity and the MCGM coastal road has helped by taking up the major share of the long-distance trips.

In case of NMIA, weighted V/C assessed for the base year 2017 is 0.33 (LOS B) and for the horizon period upto 2041 would vary from 0.10 to 0.22 (LOS B) which is very good. When we look at NMIA delineated area, the major roads have seen good volumes from the internal trips of MMR which was not the case in the base year 2017, where most of the road-based trips were the External goods being attracted by JNPT. The new attractions like the proposed NM-SEZ, JNPT-SEZ, Kharghar Corporate Park and the Airport itself have made more trips being attracted within the delineated study area. Looking at the level of service offered by the major roads in the NMIA delineated study area, the weighted V/C suggests an average of LOS B i.e. such flows and congestion levels on the Urban Roads are good and the same should be maintained for the future in order to serve the region much better in terms of service quality. To better understand the local connectivity the Consultants generated travel time contours which suggest that the NMIA delineated boundary can be traversed within 20 minutes from NMIA for the base year 2017 and horizon year 2041 are presented in Figure 9-14 and Figure 9-15 respectively.

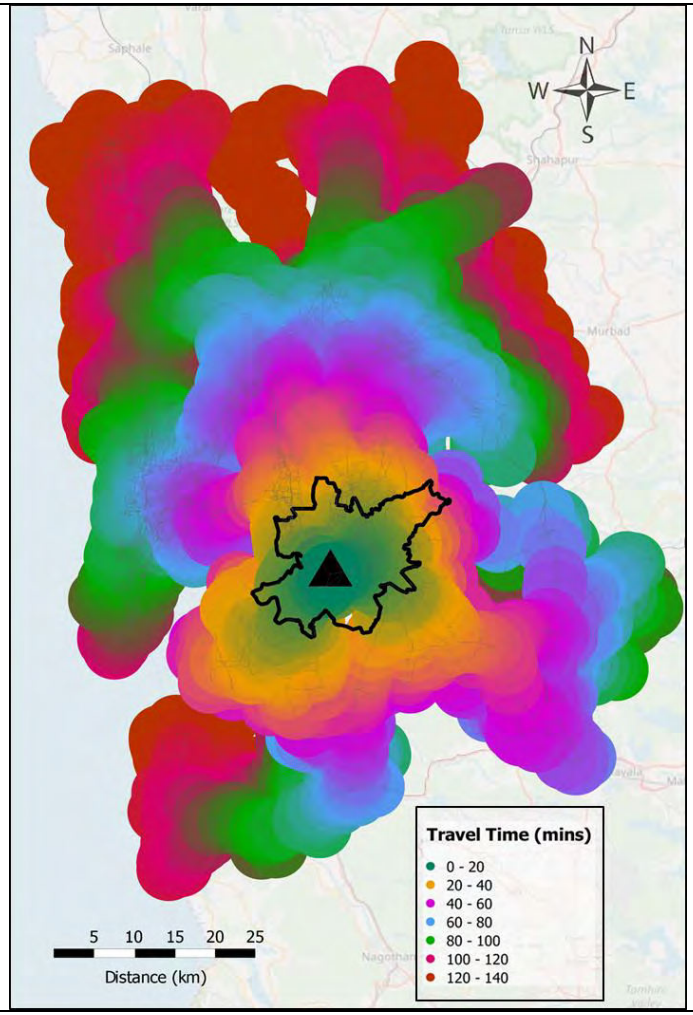


Figure 9-14: Average Travel Time from various TAZs of MMR to proposed NMIA on Road system - 2017

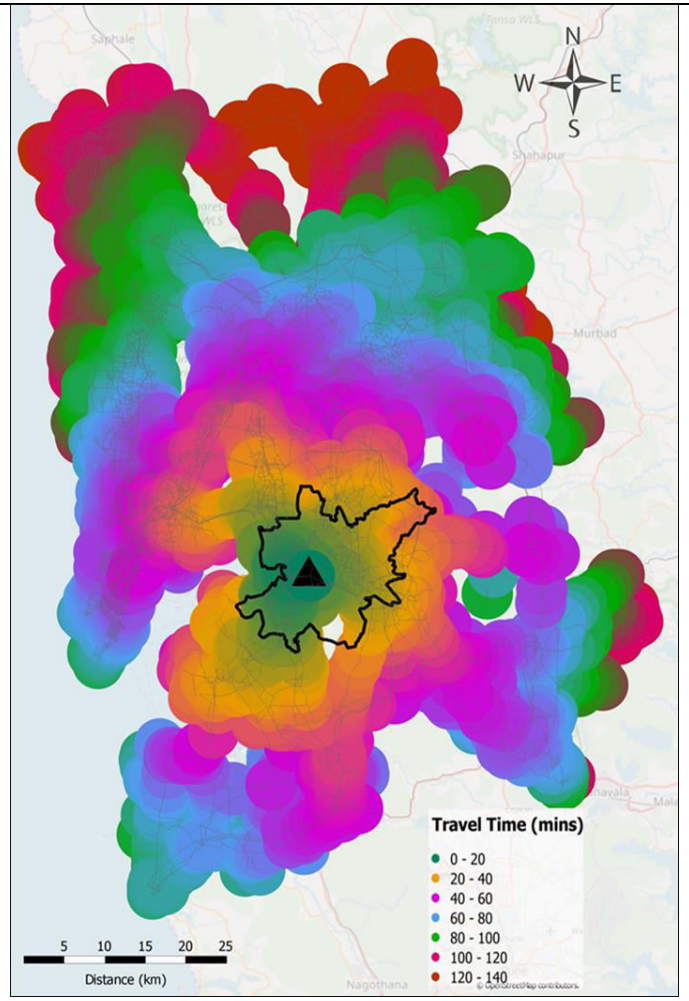


Figure 9-15: Average Travel Time from various TAZs of MMR to proposed NMIA on Road system - 2041

9.7 PROJECT IMPLEMENTATION – A PERSPECTIVE ON PHASING

The multi-modal enhanced regional transport connectivity and local transport connectivity presented in this chapter include some of the committed projects and some of the proposed projects. Phasing of projects is done considering the ongoing implementation of some projects, projects' preparatory works carried out by various planning and implementing organisations, etc. Preliminary phasing of committed and proposed transportation projects including broad cost estimate is presented in Table 9-38.

It is important to note that the NMIA, as developed, will be one of the integral parts of MMR transport system and shall be functioning to meet the regional and national air travel needs. It is further important to note that projects committed, and projects contemplated, along with additional enhancements suggested for regional and local connectivity should be developed in the larger perspective to make NMIA a success by meeting the assessed travel needs. It is also important to note that all this investment on connectivity will not be just for NMIA, but the corridors will also be serving larger regional and local travel demands.

Table 9-38: Preliminary Phasing of Committed and Proposed Transportation Projects

Sl. No.	Status	Code	Name	Year	Broad Cost in INR Crores	Organisations	Phase-I				Phase-II		Phase-III				Phase-IV							Buffer			
							2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
1	Committed	S-1	Seawoods -Uran	2021	1,800	CIDCO/MRVC																					
2		M-2B	D.N. Nagar - Mandale	2026	10,986	MMRDA																					
3		M-12	Kalyan - Taloja	2026	11,000	MMRDA/CIDCO																					
4		M-15	Belapur-Taloja-Pendhar	2021	4,983	CIDCO																					
5		H-2	MTHL	2026	14,000	MMRDA																					
6		H-3	Multi Modal Corridor (Virar-Alibaug)	2026	23,000	MMRDA																					
7		H-7	Mumbai-Vadodara Spur in MMR	2026	13,568	NHAI																					
8		H-13	Ulwe-Airport Road (CIDCO)	2026	711	CIDCO																					
9	Pro	S-3	Panvel-Karjat	2026	2,026	MRVC																					
10		S-4	Diva Vasai Road	2026	4,016	MRVC																					
11		S-5	Diva-Panvel	2026	2,478	MRVC																					
12		S-6	CSMT - Panvel	2026	10,870	MRVC																					
13		S-8	Panvel To Apte	2041	1,316	CIDCO/MRVC																					
14		S-9	Panvel To Ranjanpada	2041	1,643	CIDCO/MRVC																					
15		M-8	CSIA - NMIA Fast Corridor (Airport line)	2026	15,000	MMRDA/CIDCO																					
16		M-17	MIDC to Khandeshwar	2026	3,232	CIDCO																					
17		M-20	Khandeshwar to NMIA	2031	1,661	CIDCO																					
18		M-19	Sewri-Prabhadevi 3.5 -Siddhivinayak-Jambhulpada (MT	2031	12,685	MMRDA/CIDCO																					
19		M-21	MTHL Spur to NMIA	2031	2,245	MMRDA/CIDCO																					
20		M-22	Thane to Juinagar	2031	9,270	MMRDA																					
21		M-14	Kanjurmarg-Mahape-Usatane-Badlapur	2026	15,298	MMRDA																					
22		H-1	Elevated Link (Sewri-Worli)	2026	1,500	MMRDA																					
23		H-6	Radial-5(Turbe-Taloja-Ustane)	2026	1,001	MMRDA																					
24		H-14 & H-20	Coastal Road (Thane to NMIA)	2031	7,948	MMRDA/CIDCO/TMC/NMMC/ NMIAL																					
25		H-21	Spine Corridor in NAINA	2031	4,138	CIDCO																					
26		H-10	Coastal Road to Ambivali (MMC)	2026	1,690	CIDCO																					
27		H-26	Belapur to MMC (Taloja MIDC)	2041	11,352	MMRDA/CIDCO/MIDC																					
28	Traffic Management measures (Junction Impro, Traffic signals, Flyovers, Interchanges, etc.)				738	CIDCO/NMMC/PCMC/NHAI																					
29	Road Widening and development of new / missing links in the 5 km delinated area				14,124	CIDCO/NMMC/PCMC/NHAI																					
Total					204,279																						

Chapter 10

Terminals and Multi Modal Hubs

10 TERMINALS AND MULTI MODAL HUBS

Orderly planning for the expansion and potential location of Inter-city Rail Terminals, Inter-city Bus terminals, Truck Terminals and Airports, is an important objective in transport systems planning for any metropolitan region. Based on the detailed data analysis obtained from primary surveys/ secondary source, relevant to external travel by rail & road, goods vehicle and groundside air passenger movements, various new transport terminals have been proposed. The potential for travel by passenger water transport from east and west coasts of Mumbai and across other major creeks within MMR had also been reviewed and the potential terminals had been identified. However, it should be worth noting that marine transportation will not have a material effect on travel demands by traditional wheel modes. In case of planning any terminals for air travel and inter-city rail trip, the Central Government should initiate necessary measures.

10.1 INTERCITY RAIL TERMINAL

The increase in population and employment opportunities and consequent development activities in the MMR will increase the demand of inter-city passenger travel by regional rail system. However; there exists a considerable competition among the railways, regional bus operators and low cost airlines to capture the same travel market. There are some uncertainties to forecast how this will evolve during the next 10 years. To accommodate future demand it is certain that there will be necessity of expansion of existing terminals and addition of new terminals within the newly developing areas of the region. Estimation of future requirement of rail-terminal facilities needs estimation of trip-ends at these terminal locations under the various horizon periods.

The existing inter-city rail passenger terminals and halt stations along Western Railway in the MMR area are Mumbai Central, Bandra Terminus (Terminal Stations), Dadar, Andheri, Borivali, Vasai Road and Virar (intermediate stations). Similarly, along Central Railway, Chhatrapati Shivaji Maharaj Terminus, Lokamanya Tilak Terminus, Dadar are the terminal stations, while Thane and Kalyan are intermediate stations.

Under 2017 i.e. the base year, a total of 79.4 million rail passenger trips were noted. The anticipated growth in inter-city rail passenger trips to/ from the study area should justify both the expansion of existing terminal facilities and additional terminal facilities integrated with expanded suburban train and metro networks.

Based on the proposed transport network (roadways, railways and metro) under the horizon year 2041, proposed international airport in Navi Mumbai, preliminary locations of the inter-city bus terminals and truck terminals, five new Inter-City rail terminals are proposed. The new inter-city rail terminals are identified at **Vasai Road, Jite, Panvel, Kalyan and Bhiwandi** and the potential terminal locations are presented in Figure 10-1. The study recommendations also include improving the existing terminals and stations to handle the additional rail-based travel demand.

Figure 10-1: Proposed Inter-City Rail terminals in MMR

10.2 INTER STATE/INTERCITY BUS TERMINALS

The urban bus transportation within the MMRDA region accommodates a significant of travel demand, whereas the bus transport systems are operated by the respective municipal corporations through various bus operators i.e. BEST, TMT etc. Long distance and inter regional travel demand by bus in the MMR are met by State Road Transportation Corporations i.e. MSRTC and private bus operators. External travel demands at outer cordon location are analyzed to identify the need of provisioning of bus terminals. As a result of the analysis and feedback from stakeholders' consultation 17 Intercity/ Interstate terminals have been proposed, which should be installed by the 2041 horizon. The locations of proposed terminals are shown in Figure 10-2 and listed in Table 10-1.

Table 10-1: Proposed Bus Terminals

Sl.No	Location	Type	Year
1.	Kalamboli	Inter State Bus Terminal	2021
2.	Mankhurd	Inter City Bus Terminal	2021
3.	Dahisar	Inter City Bus Terminal	2021
4.	Thane	Inter City Bus Terminal	2021
5.	Kalyan (Shahad)	Inter City Bus Terminal	2026
6.	Bhayander	Inter City Bus Terminal	2026
7.	Nalasopara	Inter City Bus Terminal	2026
8.	Wadala	Inter State Bus Terminal	2026
9.	MBMC Fountain	Inter State Bus Terminal	2031
10.	Badlapur	Inter City Bus Terminal	2031
11.	Nerul	Inter City Bus Terminal	2031
12.	Kalyan (Katai)	Inter State Bus Terminal	2041
13.	Bhiwandi	Inter City Bus Terminal	2041
14.	Karjat	Inter City Bus Terminal	2041
15.	Jite	Inter City Bus Terminal	2041
16.	Alibag	Inter City Bus Terminal	2041
17.	Virar Chandansar	Inter City Bus Terminal	2041

Other than the above-mentioned terminals an additional minibus terminal is proposed near JNPT after considering comments and suggestions received from JNPT and CIDCO officials.

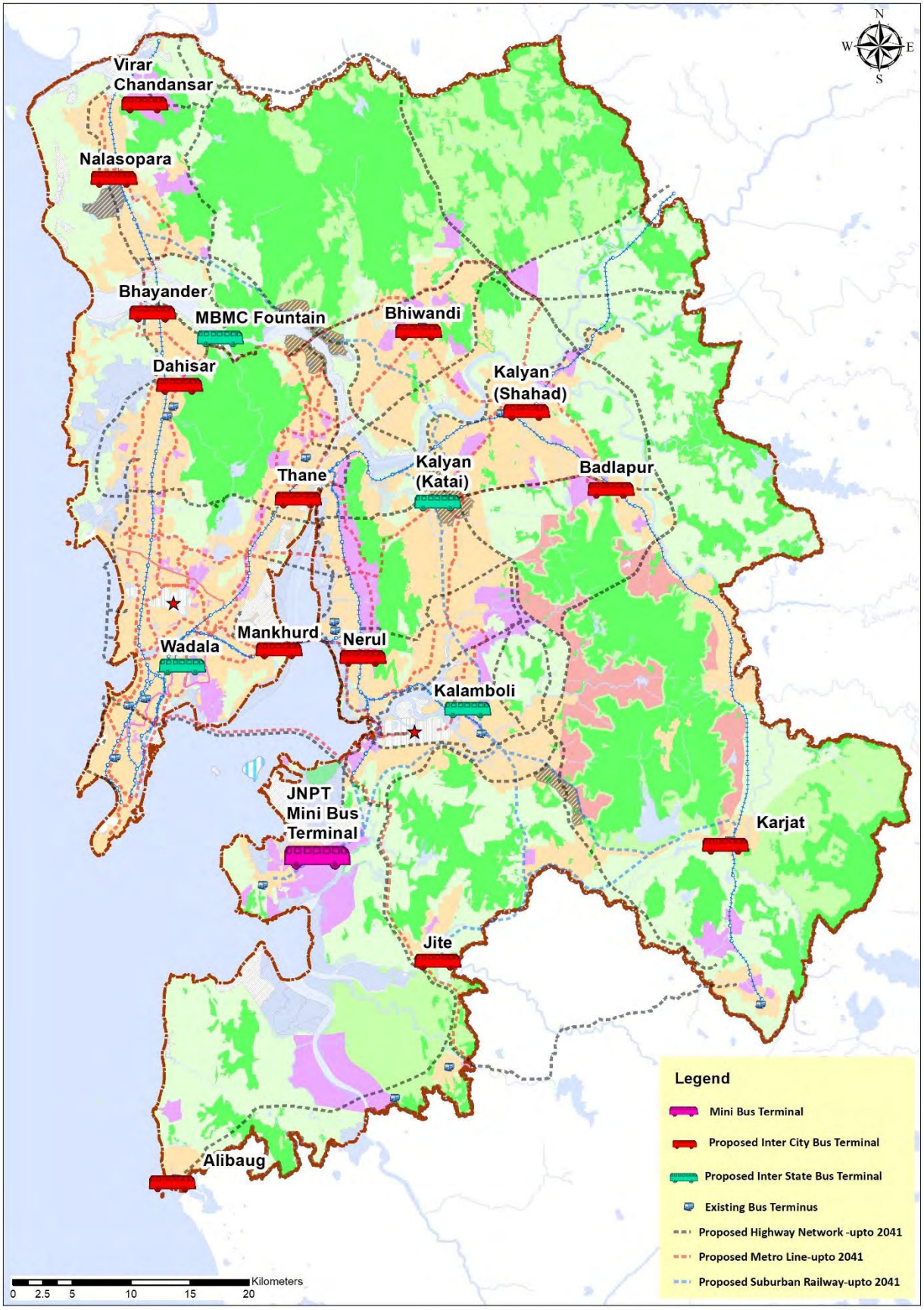


Figure 10-2: Proposed Inter-State/Inter-City Bus Terminals in MMR

10.3 TRUCK TERMINALS

An efficient goods transport movement system is critical to the economy of huge urban area such as the MMR. Mumbai has a significant role as the most important trading gateway to India through its two major ports. The region is also well connected by rail and road to the rest of the country. Moreover, the MMR is home to a number of industrial growth centers, which generate considerable goods-traffic movement. The economic and physical characteristics of goods transportation, parking, loading and unloading etc. leads to special and often complex issues in accommodating truck maneuvering. The flow of goods into and out of large urban area (Inter-city movements) is characterized by bulk shipment, whereas their movement within urban area (Intra-city movements) by smaller shipments. Though the physical boundary of urban area gets enlarged over time, the locations of goods deliveries often remain unaltered. The loading, unloading and other activities by the goods vehicles very often block traffic lanes and lead to traffic congestions within the urban area. In addition to this, increase in urban sprawl over a period of time the commodity demand increases with time. However, in many developed economies, large trucks often must meet critical just in time deliveries because the truck or container, is an effective part of a production line between a manufacturer and an assembler. The need to have confidence on delivery schedules and timely securing goods have led the trucking industry becoming more dominated by larger companies. India has not reached this point and may never arrive there unless there is a major restructuring of the retail industry. Smaller goods vehicle owners are notoriously difficult to regulate. The economy of goods distribution in urban areas is often border line and owners are reluctant to incur truck terminal charges when street parking is free and often close to home.

Based on external travel demand at outer cordon locations/sub regional cordon points, URDPFI guidelines, conceptual transport network and land-use proposals prepared for MMR, five (5) major truck terminals and fourteen (14) mini truck terminals in various geographic locations of the study area had been recommended. These locations should be planned to possess sufficient ground area, contain facilities, and afford higher accessibility. The areas should adhere to proper land use breakup as mentioned in URDPFI guidelines. The proposed locations are listed in Table 10-2 and shown in Figure 10-3.

Table 10-2: Proposed Truck Terminals

Sl. No	Location	Type	Year
1.	Kasheli	Mini Truck Terminals	2021
2.	Kalamboli	Mini Truck Terminals	2021
3.	APMC	Mini Truck Terminals	2021
4.	Mulund-Airoli	Mini Truck Terminals	2021
5.	JNPT	Mini Truck Terminals	2021
6.	Cotton Green	Mini Truck Terminals	2026
7.	Mira Road	Mini Truck Terminals	2026
8.	Virar (Along NH-8)	Major Truck Terminal	2026
9.	Vadape	Mini Truck Terminals	2026
10.	Badlapur	Mini Truck Terminals	2026
11.	Murbad (Along NH-222)	Major Truck Terminal	2031
12.	Talawali (Along NH-3)	Major Truck Terminal	2031
13.	Pen (Along NH-66)	Major Truck Terminal	2031
14.	Shilphata	Mini Truck Terminals	2031
15.	Gaimukh	Mini Truck Terminals	2031
16.	Khalapur	Mini Truck Terminals	2031
17.	Dan Phata (Along Mumbai Pune Exp.)	Major Truck Terminal	2041
18.	Kharegaon	Mini Truck Terminals	2041
19.	Usatane	Mini Truck Terminals	2041

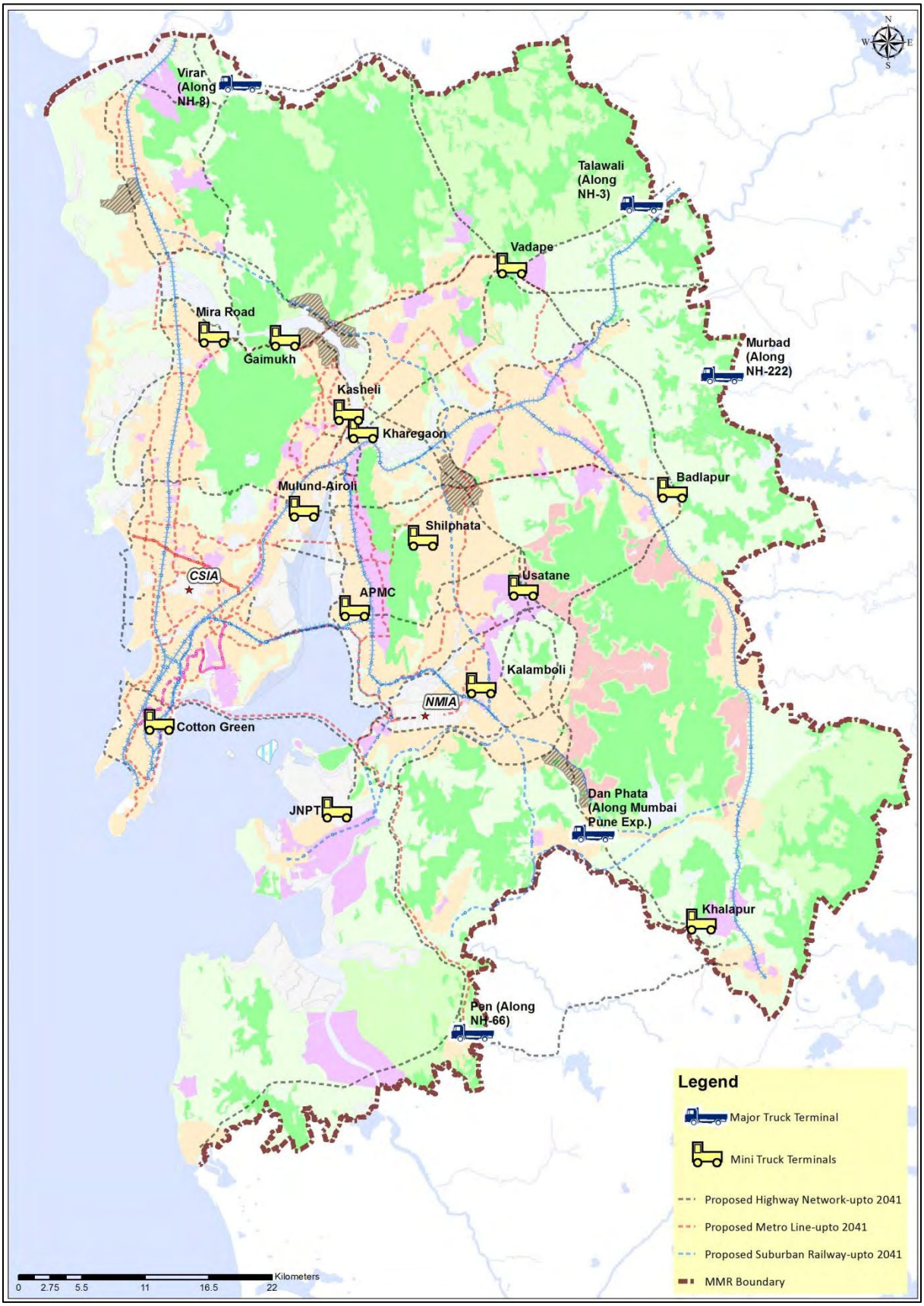


Figure 10-3: Proposed Truck terminals in MMR

10.4 PASSENGER WATER TRANSPORT TERMINALS

Passenger water transport terminals have been proposed based on review of the secondary data received from various stakeholders and review of past studies. The proposed terminals are identified as illustrated in Figure 10-4. Consultants suggests for constituting a SPV with relevant stakeholders for timely implementation of the proposed PWT terminals.

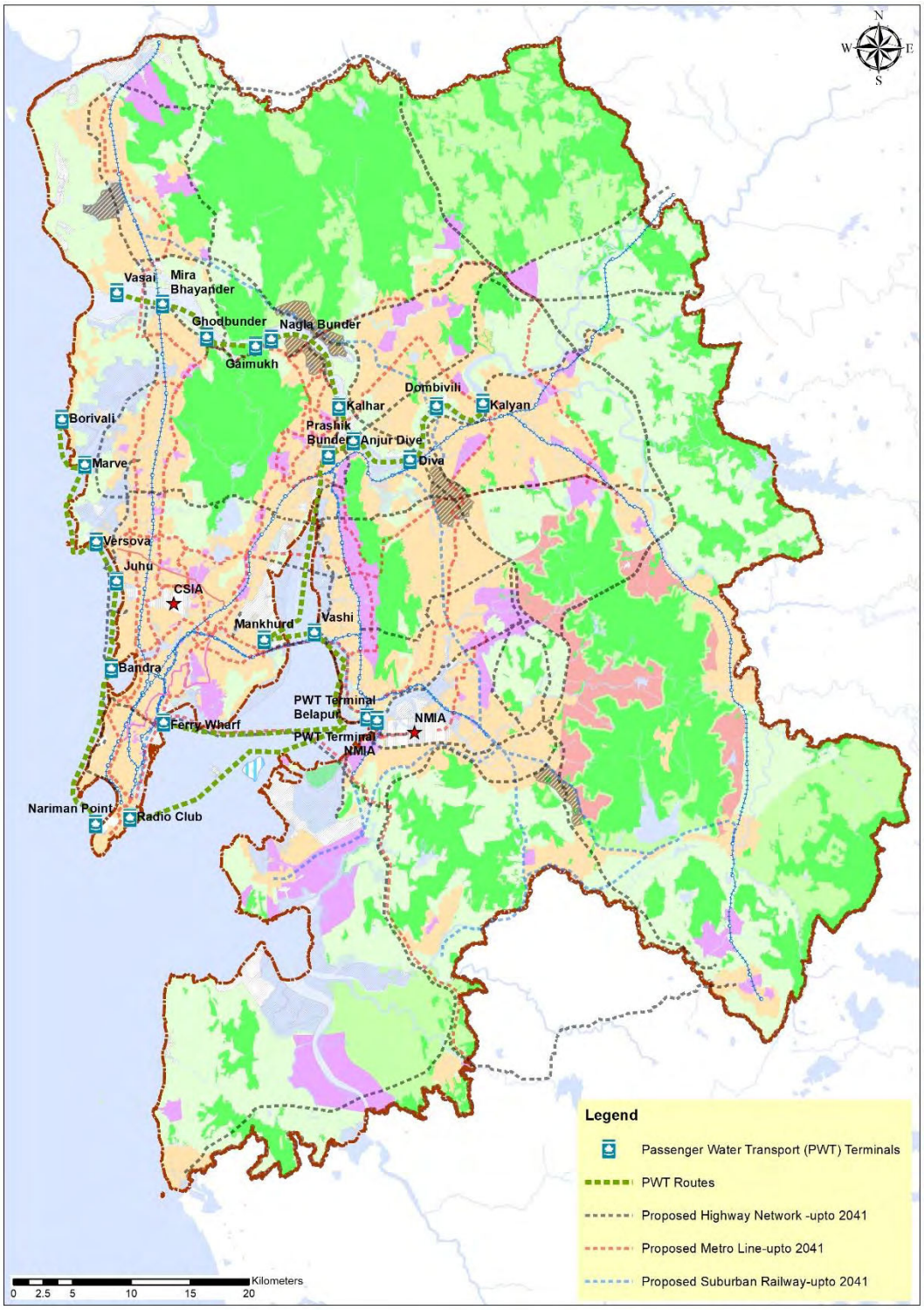


Figure 10-4: Proposed Passengers Water Terminals in MMR

Combined map of all the proposed terminals for the horizon period upto 2041 is presented in Figure 10-5.

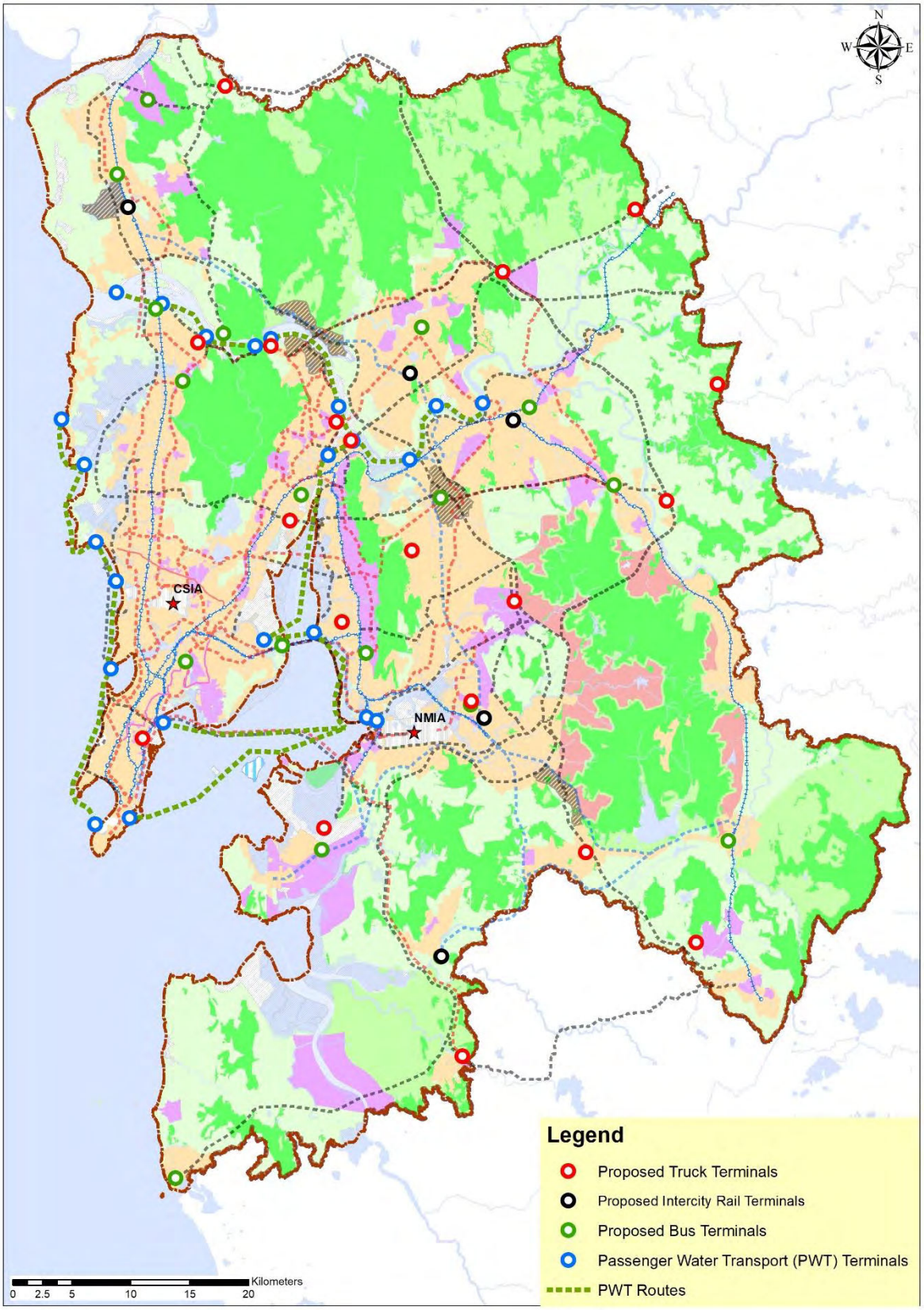


Figure 10-5: Combined Map of all Proposed Terminals

10.5 MULTI MODAL HUBS

Multi Modal Hub in any region or urban area plays vital role in holistic development. It triggers development in a much-planned manner. Also, it provides easy shift in different modes of transport which keeps the journey linked. The CTS report is based on a transit first policy and hence these actions that encourage the use of public Transport support this policy. Six potential nodes i.e. Thane, Vasai Road Kalyan, Panvel, Dushmi and Sewri have been identified based on the proposed network of horizon year 2041 and proposed inter-city passenger terminals. These nodes have great potential to contribute in regional and urban development. Positioning of these nodes in MMR is also parallel to support RP strategy to have polycentric development in region.

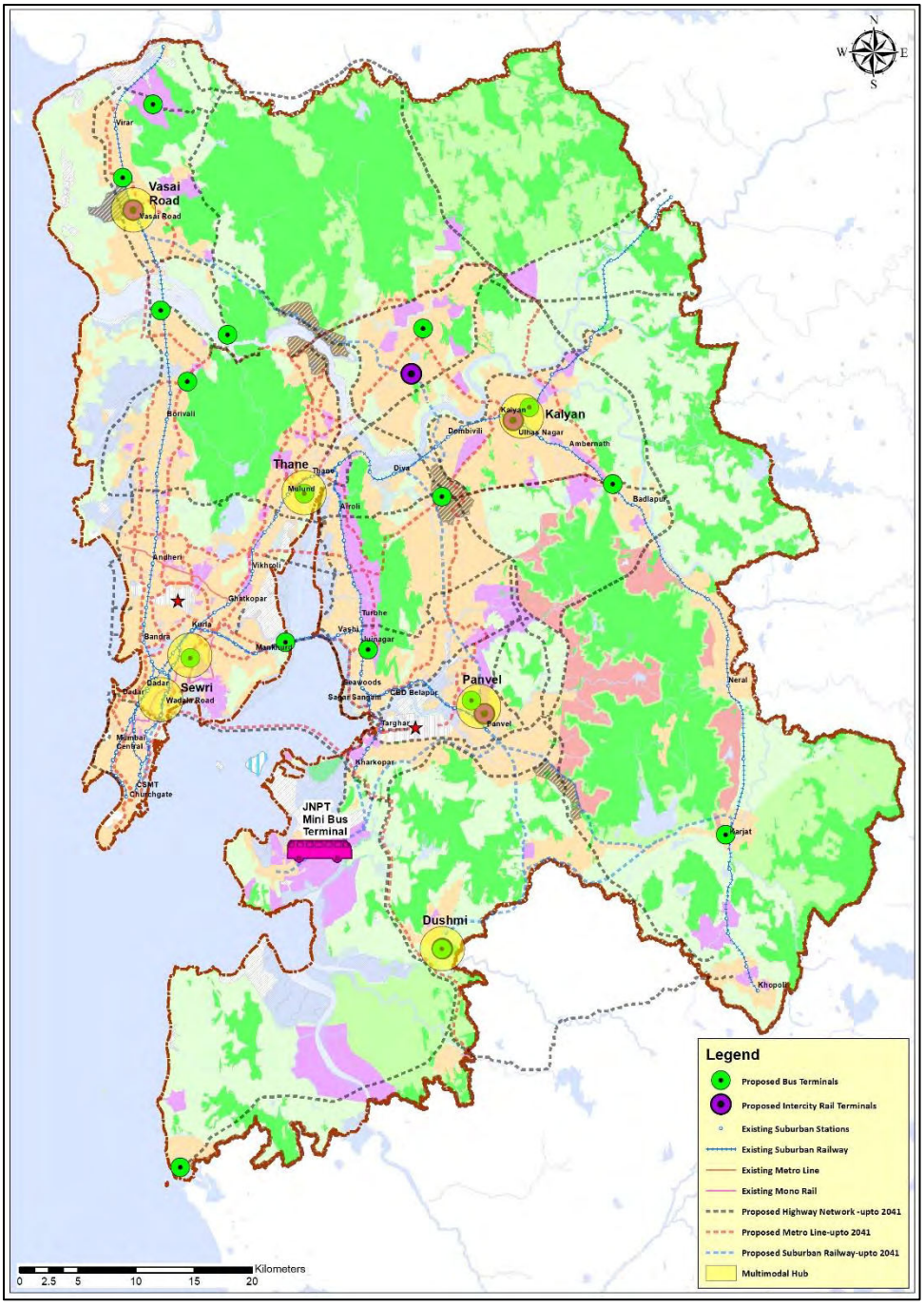


Figure 10-6: Identified Potential Location for Multi-Modal Hub

Chapter 11

Summary, Recommendations and Way Forward

11 SUMMARY, RECOMMENDATIONS AND WAY FORWARD

11.1 INTRODUCTION

Mumbai Metropolitan Region (MMR) is one of the important metropolitan regions of India. Amongst number of transport infrastructural requirements to be developed in MMR, a new airport to meet air travel needs is an important one. Mumbai currently boasts of the Chhatrapati Shivaji Maharaj International Airport (CSMIA), which has been a regular feature of the city to facilitate air travel. The airport handled 48.5 MPPA in FY 2017-18. It is a state-of-the-art facility and a credit to the commercial capital of the country. However, it is in immediate need of expansion to accommodate the ever growing intercity and international travel demand of the population. Towards meeting this CIDCO has planned for a brand-new state–of–the art green field airport in Navi Mumbai i.e. Navi Mumbai International Airport (NMIA) which shall operate alongside CSMIA located in suburban Mumbai. The proposed Airport is located approximately 35 km south-east of the existing CSMIA airport in Navi Mumbai in Panvel Taluka, Raigad District of Maharashtra. The site is situated in the geographical center of Navi Mumbai, between Amra Marg (NH-348A) and National Highway 4B.

Environment clearance for NMIA was given by MoEFCC in the month of November 2010 which also emphasized the improvement of transport connectivity at regional as well local level in view of the new Airport development. CIDCO, MMRDA and MTSU carried out a study i.e. ***"Preparation of Regional and Local Transport Connectivity for Navi Mumbai International Airport (NMIA)"*** during January 2011 to January 2012 through M/s LEA Associates South Asia Pvt. Ltd. and the study recommended enhanced regional and local transport connectivity to NMIA. During the course of study, deliverables viz. Inception Report (January 2011), Draft Report on Alternative Regional Transport Corridors and Analysis for Enhanced Regional Transport Connectivity and Proposed Local Transport Network and Travel Demand Assessment for Enhanced Local Transport Connectivity (April, 2011), NMIA Transport Connectivity: Functional Concept Designs (April, 2011), and Draft Final Report (June, 2011) were submitted. Again, the Draft Final Report (Revised) (August, 2011) were submitted incorporating the comments on DFR. CIDCO had circulated this to all the stakeholders and a meeting with them is organized. A consultant appropriately incorporates all the views and advice of all the stakeholders and submitted the Final Report in January 2012. CIDCO submitted the final report to all the stakeholders to consider and expedite implementation of recommendations of the Report and accordingly various works are in progress as of now.

MOEFCC while extending the Environmental & CRZ clearance (upto 21st November 2020), has imposed additional condition regarding Detailed Traffic Management Study and a Traffic Decongestion Plan to be carried out by a reputed and specialized agency in Transportation Planning. As MMRDA is now updating CTS for MMR study through M/s LEA Associates South Asia Pvt. Ltd. (which was initiated in May 2017 and expected to get completed by end of 2019), CIDCO made a request to MMRDA to get the required study i.e. "Detailed Traffic Management and a Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)" through M/s LEA Associates South Asia Pvt. Ltd.

Evolving "Detailed Traffic Management and a Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)" has gone through lot of rigour. Extensive deliberations, at every stage of work, with CIDCO

and MMRDA were held. Further, CIDCO sought consultations/ feedback/comments/suggestions on the Detailed Traffic Management and a Traffic Decongestion Plan from all the concerned stakeholders.

11.2 SUMMARY OF TRAVEL DEMAND ASSESSMENT AND NETWORK ANALYSIS

Two alternative growth scenarios were developed, as forecasting for a single future was unrealistic and may lead to formulating transport strategies that are too rigid and would not be responsive to dynamic shifting pattern and priorities of urban growth and investments. There was little knowledge to reasonably define and model a single future with any degree of confidence. Hence the consultants developed two scenarios viz. DPR Scenario and CTSU Scenario. The network considered for travel demand analysis is enlisted in Table 11-1, Table 11-2 and *Note: * Consultants have coded the corridor as metro corridor.*
Table 11-3. The combined network for horizon year 2041 is shown in Figure 11-1. Travel demand for each horizon year and modal split has been summarized in Table 11-4.

Table 11-1: Proposed Metro Corridors for the horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
M-2A	Dahisar - DN Nagar	18.6	Under construction	Upto 2021 (60.1 km)
M-3 A	Bandra-SEEPZ	11.9	Under construction	
M-7	Dahisar (E) - Andheri (E)	16.5	Under construction	
M-15	Belapur – Taloja- Pendhar	11.1	Under construction	
M-16	Pendhar to MIDC	2	Advanced stage of approval	
M-2B	D.N. Nagar - Mandale	23.6	Under construction	2022-2026 (264.5 km)
M-2B Ext	Mandale to Mankhurd Octroi Naka	2.1	Under construction	
M-3B	Colaba-Bandra	21.3	Under construction	
M-4	Wadala -Kasarvadvali-Gaimukh	35	Under construction	
M-5	Thane-Bhiwandi-Kalyan	24.9	Tendering in process	
M-6	Swami Samarth Nagar - Vikhroli	14.5	Under construction	
M-7A	Andheri East To CSMIA Airport	3.2	Tendering in process	
M-8	Airport Metro (CSMIA – NMIA)	35	DPR in progress	
M-9	Dahisar (E)- Mira Bhayandar	10.3	Tendering in process	
M-12	Kalyan - Taloja	20.7	Cabinet approval awaiting	
M-14	Kanjurmarg-Badlapur	38	DPR is in Progress	
M-17	MIDC- Khandeshwar	7.2	DPR is completed	
M-18	Thane Ring Metro	28.7	DPR is completed	
M-10	Gaimukh to Shivaji Chowk (Mira Road)	9.2	Cabinet approval awaiting	2027-2031 (100.7 km)
M-11 (M 4 Ext)	Wadala-CSMT	12.7	Cabinet approval awaiting	
M-13	Shivaji Chowk (Mira Road) - Virar	23	DPR is in Progress	
M-19	Prabhadevi-Sewri-Jambhulpada (MTHL)	26.5	DPR is completed	
M-20	Khandeshwar to NMIA	3.7	DPR is completed	
M-21	MTHL Spur to NMIA	5.0	DPR Need to be Initiated	
M-22	Thane to Juinagar	20.6	Proposed in CTSU	
M-23	Kasarvadavali-Ambernath	41.4	Proposed in CTSU	2031-2041 (41.4 km)

Table 11-2: Proposed Suburban Corridor for the horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec. 2018	Period
S-1	Seawoods to Uran	24.2	Under Construction/partially commissioned	Upto 2021 (28.9 km)
S-2	Airoli -Kalwa	4.7	DPR completed	
S-3	Panvel To Karjat	28.5	MRVC carried out DPR study and planned for implementation by 2025	2022-2026 (143.4 km)
S-4	Diva Vasai Road	41.5		
S-5	Diva Panvel	25.6		
S-6*	CSMT to Panvel Fast Corridor	47.8	DPR is in progress	
S-7	Chowk To Jite	25.1	Proposed in CTSU	2031-2041 (59.5 km)
S-8	Panvel To Apte	15.3	Proposed in CTSU	
S-9	Panvel To Ranjanpada	19.1	Proposed in CTSU	

*Note: * Consultants have coded the corridor as metro corridor.*

Table 11-3: Proposed Highway Corridor for Horizon Year 2041

ID	Corridor Name	Length (km)	Status as on Dec 2018	Period
H1	Elevated Link (Sewri-Worli Sea Link)	5.0	Feasibility Completed	Upto 2026 (467.3 km)
H2	MTHL	23.0	Under Construction	
H3	Multimodal Corridor (Virar to Alibag)	127.3	DPR in progress	
H4	Radial 3 (Mumbai Nashik Exp. NH3)	40.7	NHAI Completed widening of NH 3	
H5	Radial-4 (Nahur-Airoli-Nilaje-Badlapur)	35.2	Part proposed in RP	
H6	Radial-5 (Turbhe-Taloja-Usatane)	17.1	MSRDC is the nodal agency for Turbhe Kharghar Portion, Prefeasibility Completed	
H7	Mumbai-Vadodara Spur in MMR	84.8	DPR completed by NHAI	
H8	Thane-Ghodbunder	4.4	Proposed in CTSU	
H9	Western Sea Link North Extn (Bandra-Versova)	12.3	DPR completed by MSRDC	
H10	Coastal Road to Ambivali (MMC)	17.6	Proposed in CTSU	
H11	Goregaon Mulund Link Road	16.1	DPR completed by MCGM	
H12	Khopoli to Pen	31.9	Proposed in RP	
H13	Ulwe-Airport Road (CIDCO)	10.0	DPR completed by CIDCO	
H15	Kalyan Ring Road	30.9	Under Construction	
H16	Thane Creek Road	11.0	Proposed in RP	
H17	Eastern Freeway: Indian Oil Nagar to Ghatkopar	2.5	Proposed in CTSU	2026-2031 (141.6 km)
H18	Kanjurmarg - Koparkairane Creek Bridge	7.7	Proposed in RP	
H19	Western Sea Link South Extn (Worli-Marine lines)	10.4	DPR completed by MCGM	
H14 & H20	Coastal Road: Sanpada to NMIA and Thane to Sanpada	38.6	Proposed in CTSU	
H21	Spine Corridor in NAINA	43.1	Proposed in NAINA DP	
H22	Coastal Road-Marve to Ghodbunder	29.7	Proposed in RP	
H23	Western Sea Link North Extn (Versova-Kandivali)	9.6	Proposed in CTSU	
H24	Radial-1 (NH-8)	28.4	NHAI completed widening of NH 8	2031-2041 (742.2 km)
H25	Radial-2 (Part of NH-3) Ghodbunder to Vadape	20.5	Proposed in RP	
H26	Belapur to MMC (Taloja MIDC)	17.2	Proposed in NAINA DP	
H27	Vichumbe(Panvel) To MMC	11.4	Proposed in CTSU	
H28	Samruddhi Corridor	19.0	MSRDC is the nodal agency, Under Construction	
H29	Dahisar-Virar	36.8	Proposed in RP	

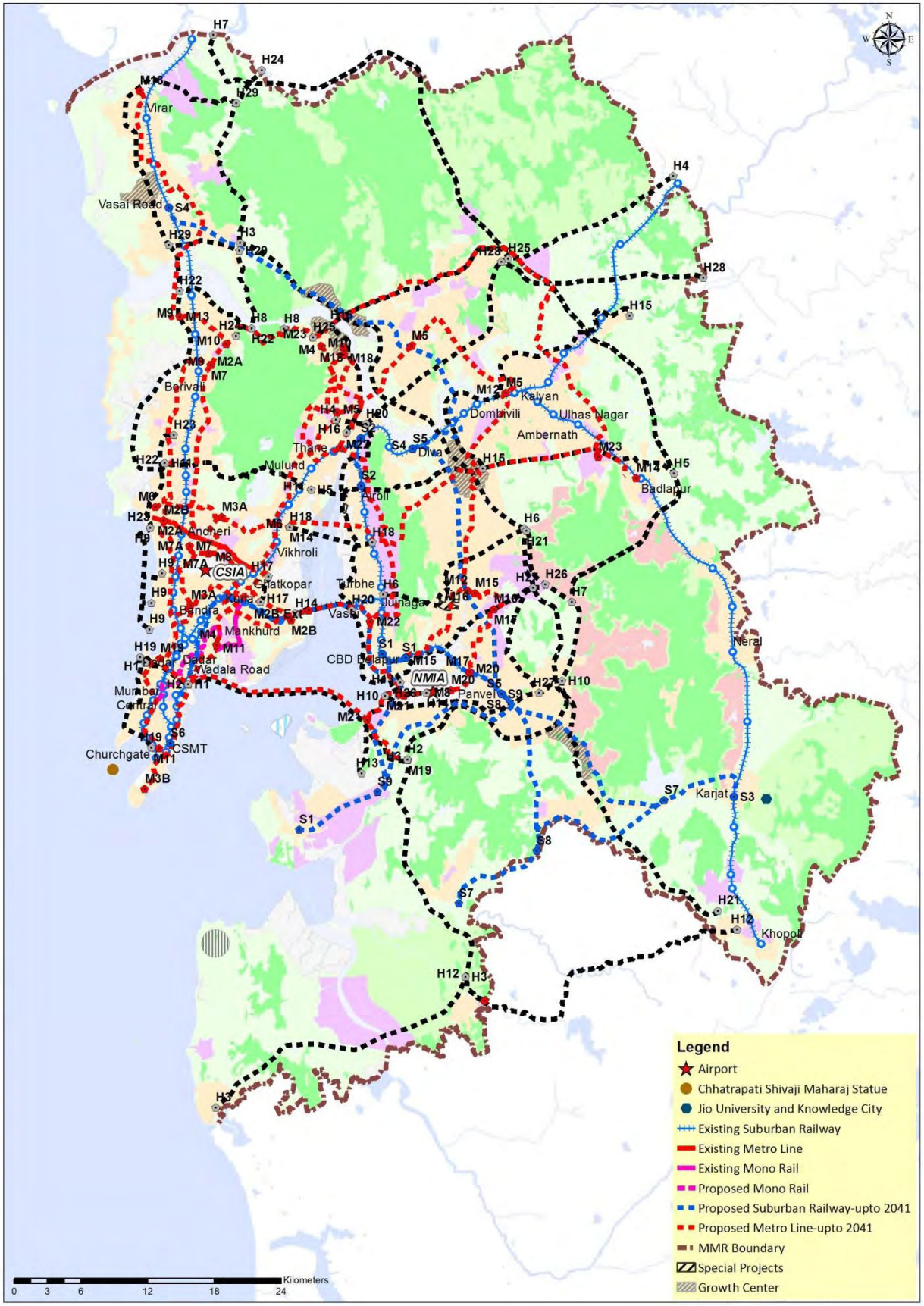


Figure 11-1: Combined Network Upto Horizon Year 2041

Table 11-4: Summary of Travel demand and Mode Split for various horizon years

Year	Scenario	Mode share (%)							PT share (%)	Travel demand (MPP)in millions
		CAR	2W	Auto	Taxi	Bus	Suburban	Metro/ Mono		
2017		6.80	11.00	4.90	6.20	18.00	51.00	2.10	71.10	5.64
2021	DRP	6.34	10.20	4.85	5.81	8.03	39.65	25.13	72.81	6.12
	CTSU	6.35	10.20	4.88	5.8	8.02	39.61	25.14	72.77	6.12
2026	DRP	6.25	10.17	4.81	5.01	8.23	37.79	27.75	73.77	6.55
	CTSU	5.95	9.24	4.60	4.88	7.17	27.34	40.80	75.32	6.55
2031	DRP	5.41	8.41	3.77	3.72	6.45	30.14	42.09	78.68	7.06
	CTSU	5.54	8.54	3.76	3.86	6.52	29.56	42.21	78.30	7.06
2041	DRP	5.40	8.42	3.54	3.21	6.07	31.02	42.33	79.42	8.01
	CTSU	5.61	8.55	3.48	3.39	6.17	30.25	42.54	77.97	8.01

11.3 RECOMMENDED MULTI MODAL REGIONAL TRANSPORT CONNECTIVITY PLAN FOR NMIA

It is important to note that the proposed transport plan for MMR 2041 includes sub-urban rail corridors, metro corridors, monorail corridors, Dedicated Bus Lanes/ BRTS and highway/expressway corridors, which provide both regional as well as local transport connectivity to the NMIA. While evolving the plan, the specific needs of NMIA have been kept in mind to satisfy the ground access needs of NMIA air passengers.

Further, it is important to note that the projects planned by various planning authorities/agencies in MMR (MMRDA, MSRDC, CIDCO, PWD, Municipal Corporations, Municipal Councils, etc.) have been incorporated in the connectivity plan appropriately by integrating and ensuring continuity of the corridors. In addition to the land-based transport modes, Passenger Water Transport routes between Island city/ Thane/ Mira-Bhayander/ Vasai-Virar/ Kalyan-Dombivali and NMIA/ Belapur are also included in the overall plan to enhance the regional transport connectivity to NMIA. The recommended multi modal regional transport connectivity plan is presented in Figure 11-2.

Towards improving the local transport connectivity, improvements to the roads and grade separation facilities at major intersections in the vicinity of the airport, is adopted to improve the traffic operating service levels on the road network. The proposed enhanced transport connectivity will provide faster access/egress to/from the proposed NMIA as well as additional transport infrastructure for the other road or public transport users.

Time taken to travel between two points is considered as a good determinant of level of service any facility provides. This is true in case of transport connectivity to NMIA also. Travel time is estimated for the horizon year 2041, for the proposed network, by considering factors such as mode of transport, transport network connectivity, traffic levels on road system, public transport system characteristics (frequency, capacity, speed, etc.) and time and day of travel.

CTS for MMR Updation Study database is used, as the above is required to be done for MMR. It may be noted that in CTS for MMR Updation Study, MMR was divided into nineteen clusters. The proposed NMIA is located in Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe). The remote places of Navi Mumbai cluster from the proposed NMIA location are at a distance of about 25 km. However, major residential and commercial centres are located within a radius of 10 km from NMIA and these may further intensify once NMIA operations begin.

Assessment of travel times by various major modes, from different TAZs, to the NMIA is done considering the proposed multi modal transport network and travel demand assessed (using EMME software) for the horizon year 2041. Average travel distance and travel times from various clusters of MMR to NMIA are presented in Table 11-5 and Figure 11-3. Following are the inferences of the above analysis:

1) Suburban rail system provides connectivity between various clusters of MMR to NMIA excluding C15: Khopta, C19: Alibaug Municipal Council and some of the rural areas of MMR. Suburban is a preferred mode of transport from different clusters of MMR to NMIA and vice versa as compared to other modes of transport, for most of the Clusters (excluding C3: Eastern Suburbs, C6: KDMC, AKBSNA, Ulhasnagar, KBMC, AMCC, 15: Khopta and C17: Rest of MMR). The average travel time is about 46 minutes.;
2) Metro provides connectivity between various clusters of MMR to NMIA excluding C13: MSRDC, C18: Matheran, Karjat, Khopoli and C19: Alibaug Municipal Council and some of the rural areas of MMR. The average travel time is about 55 minutes (Minimum from C8: Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe) which is about 13 minutes and maximum from C7: Vasai-Virar which is about 138 minutes). Thus, after the suburban metro is the preferred mode of transport mode from various clusters where it provides connectivity, to NMIA;
3) Bus provides transport connectivity to from all the clusters of MMR to NMIA and average travel time is about 80 minutes (Minimum from C8: Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe) which is about 21 minutes and maximum from C11: Mira-Bhayander which is about 122 minutes);
4) Road connectivity is available from all the cluster of MMR to NMIA and average travel time is about 69 minutes;
5) The average travel times from various clusters to NMIA by sub-urban, metro/ monorail, Bus and Car/Taxi is about 46 minutes, 55 minutes, 80 minutes and 69 minutes respectively. Thus, the average travel times by bus mode from various clusters to NMIA is higher as compared to all other modes;
6) The range of travel time from the remotest places of MMR to NMIA by different modes is 94 to 138 minutes; and
7) Average travel time by PWT mode from Island city (Radio Club/ Ferry Wharf terminals) to NMIA is about 40 minutes, which includes waiting time at the terminals (by Hovercraft). PWT take less time to reach NMIA from Island city by Hovercraft and it would greatly supplement with other modes.

Travel time in 20 minutes bands using transit modes (sub-urban/ metro/ monorail/ bus) and by road using private vehicles (car/ two-wheeler) or IPT modes (Taxi/ Auto) from various TAZs to proposed NMIA (considering the proposed multi modal transport network for the horizon year 2041 and travel demand) are presented in Figure 11-4 and Figure 11-5 respectively. It can be seen that, the travel time from the remotest places of MMR by transit modes (sub-urban/ metro/ bus) is about 140 minutes and by private vehicle/ IPT modes is about 100 minutes. However, substantial air travel demand to the proposed NMIA is located within travel time of about 80 minutes.

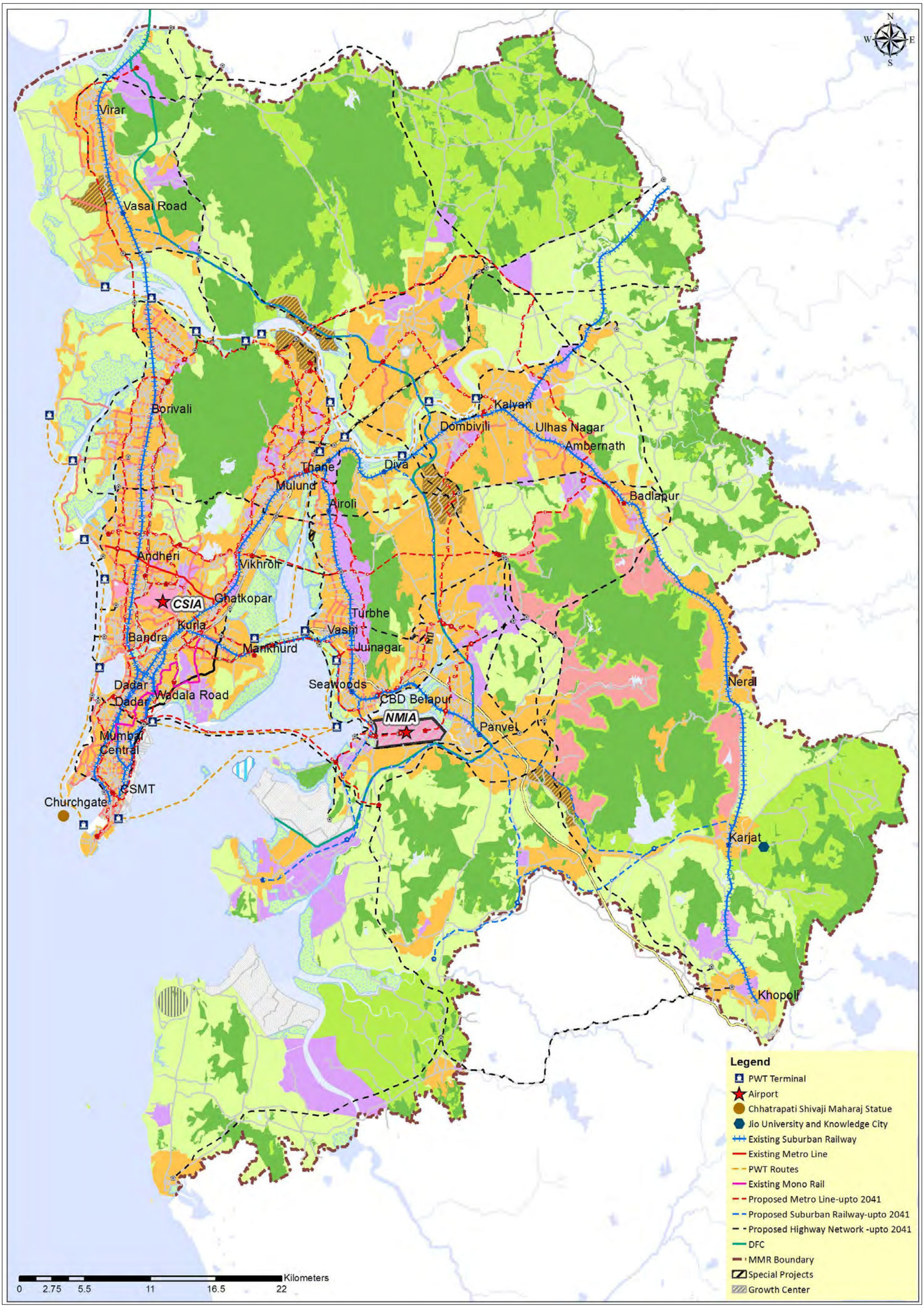


Figure 11-2: Multi Modal Regional Transport Connectivity Plan for NMIA

Table 11-5: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

Cluster NO	TAZ	From Cluster to NMIA	Mode	Major Lines/ Corridors	Air Distance (km) to NMIA	Travel Distance (km) to NMIA	Travel Speed(kmph)	Total Travel Time(hr) to NMIA	Total Travel Time (minutes) to NMIA
1	109	Island City	Sub-urban	CST-Panvel Fast Corridor, CST- Panvel Harbour Line	25	45	50	0.90	54
			Metro/Monorail	CSMT-Sewri-Shivaji Nagar-NMIA, CSMT-Sewri-Wadala TT-EEH-Mankhurd-Vashi-Belapur Creek-NMIA, Cuffe Parade-Dharavi Station-MMRDA-MTNL metro-Mankhurd- Vashi-Belapur-NMIA	25	35	35	1.00	60
			Bus	Eastern Freeway, MTHL, Ulwe to Airport Road (CIDCO)	25	30	21	1.44	86
			Car/ Taxi	Eastern Freeway, MTHL, Ulwe to Airport Road (CIDCO)	25	30	30	1.00	60
2	519	Western Suburbs	Sub-urban	Western Line & Harbour Line	25	50	45	1.11	67
			Metro/Monorail	Charkope-Bandra-Mankhurd and Mankhurd-Vashi-Belapur-NMIA, National Park-JVLR-Airport Colony- Andheri (East)-Mankhurd-NMIA	25	40	35	1.14	69
			Bus	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg (NH-348A)	25	39	21	1.85	111
			Car/ Taxi	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg (NH-348A)	25	39	24	1.62	97
3	442	Eastern Suburbs	Sub-urban	Central Line (Kanjurmarg-Kurla) and Harbour Line (Kurla-Panvel), Kurla-Mankhurd-Vashi-Targhar	20	43	45	0.96	57
			Metro/Monorail	Mulund-EEH-Vashi-Belapur-NMIA, Kurla-Vashi-Belapur Creek-NMIA, Safed pul-Mankhurd-Vashi-Belapur Creek-NMIA	20	26	35	0.73	44
			Bus	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg(NH-348A)	20	24	22	1.09	65
			Car/ Taxi	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Amra Marg(NH-348A)	20	24	25	0.95	57
4	1565	Thane	Sub-urban	Thane-Seawoods-Targhar, Diva-Panvel-Belapur-Targhar	25	38	45	0.84	51
			Metro/Monorail	Gaimukh Retibunder-Majiwada-Rabodi-Vitawa-Sanpada-Belapur Creek-NMIA, Gaimukh Retibunder-Majiwada-Rabodi-Shilphata-Bale-Taloja-Khandeshwar-NMIA, Waghbil-Balkum Pada-Rabodi-Shilphata-Bale-Taloja-Khandeshwar-NMIA	25	32	35	0.91	54
			Bus	Thane-Belapur Road, Palm Beach Marg, Amra Marg (NH-348A)	25	34	24	1.45	87
			Car/ Taxi	Thane-Belapur Road, Palm Beach Marg, Amra Marg (NH-348A)	25	34	27	1.26	76
5	1926	NMMC	Sub-urban	Dighe-Seawoods-Targhar, Vashi-Sagar Sangam-Targhar, CBD Belapur-Targhar	12	10	45	0.23	14
			Metro/Monorail	Dighe-Belapur Creek-Targhar NMIA, Vashi- Belapur Creek-Targhar-NMIA	12	19	35	0.53	32
			Bus	Thane to Sanpada-Mankhurd to NMIA	12	14	19	0.73	44
			Car/ Taxi	Thane to Sanpada-Mankhurd to NMIA	12	14	22	0.64	38
6	2415	KDMC,AKBSNA, Ulhasnagar, KBMC,AMC	Sub-urban	New Dombivali-Diva-Panvel-Khandeshwar,	25	46	45	1.03	62
			Metro/Monorail	Durgadi Fort-Sagaav-Sonarpada-Nilje Gaon- Taloja- Khandeshwar-NMIA, Bhopar Metro-Nilje Gaon-Taloja- Khandeshwar-NMIA,	25	34	35	0.98	59
			Bus	MMC: Virar-Alibaug, Mumbai-Vadodara Spur	25	41	27	1.52	91
			Car/ Taxi	MMC: Virar-Alibaug, Mumbai-Vadodara Spur	25	41	31	1.33	80
7	1439	Vasai-Virar	Sub-urban	Virar-Vasai (Western)-Vasai-Diva-Panvel lines-Panvel-Khandeshwar-CBD Belapur-Targhar	52	71	45	1.57	94
			Metro/Monorail	Virar-Dahisar-JVLR-CSMIA-Vashi-Belapur-NMIA,	52	80	35	2.29	138
			Bus	NH8, MMC: Virar-Alibaug	52	75	31	2.41	145
			Car/ Taxi	NH8, MMC: Virar-Alibaug	52	75	35	2.11	127
8	2158	Uran, Navi Mumbai (CIDCO Area: Pushpak Node, Dronagiri and Ulwe)	Sub-urban	Uran-Ranjanpada-Targhar, Uran-Ranjanpada-Kopar	9	7	45	0.15	9
			Metro/Monorail	Gavan-Targhar-NMIA	9	8	35	0.22	13
			Bus	Ulwe to Airport Road (CIDCO), Mankhurd to NMIA, Combination of various regional and local roads	9	8	24	0.36	21
			Car/ Taxi	Ulwe to Airport Road (CIDCO), Mankhurd to NMIA, Combination of various regional and local roads	9	8	27	0.31	19
9	2920	Pen, NAINA Parts	Sub-urban	Jite-Kharpada-Somante-Panvel-Khandeshwar	25	28	45	0.63	38
			Metro/Monorail	Pen-Rave-Dighode Metro-Gavan-Targhar-NMIA	25	35	35	0.99	60
			Bus	MMC: Virar-Alibaug	25	35	29	1.23	74
			Car/ Taxi	MMC: Virar-Alibaug	25	35	33	1.08	65
10	2757	BNMC, BSNA	Sub-urban	Vasai-Diva, Diva-Panvel lines	33	43	45	0.96	58
			Metro/Monorail	Bhiwandi-Kalyan-Taloja-Khandeshwar	33	47	35	1.33	80
			Bus	NH3, MMC: Virar-Alibaug	33	51	26	1.93	116
			Car/ Taxi	NH3, MMC: Virar-Alibaug	33	51	30	1.69	101
11	1073	Mira-Bhayander	Sub-urban	Vasai-Diva, Diva-Panvel lines	39	65	45	1.45	87
			Metro/Monorail	Mira Road-Miragaon-Kasarvadavali-EEH-Mankhurd-Vashi-Belapur Creek-Targhar-NMIA, Mira Road-Miragaon-National Park-JVLR-Airport Colony- Andheri (East)-Mankhurd-NMIA	39	57	35	1.63	98
			Bus	NH8, MMC: Virar-Alibaug	39	59	24	2.45	147
			Car/ Taxi	NH8, MMC: Virar-Alibaug	39	59	27	2.15	129
12	2929	NAINA Part	Sub-urban	Diva-Panvel lines, Panvel-Karjat, Apte-Panvel	10	7	45	0.16	10
			Metro/Monorail	Vadavali-Taloja-Khandeshwar	10	23	35	0.65	39
			Bus	NH8, MMC: Virar-Alibaug	10	18	25	0.73	44
			Car/ Taxi	NH8, MMC: Virar-Alibaug	10	18	28	0.64	39
13	2933	MSRDC	Sub-urban	Panvel-Karjat, Apte-Panvel	17	23	45	0.52	31
			Metro/Monorail		17		35	0.00	
			Bus	MMC: Virar-Alibaug	17	26	30	0.85	51
			Car/ Taxi	MMC: Virar-Alibaug	17	26	34	0.74	45
14	2028	Panvel M. Corp.	Sub-urban	Diva-Panvel lines, Apte-Panvel, CSMT-Panvel, Panvel-Karjat	7	12	45	0.26	16
			Metro/Monorail	Kalyan-Taloja, Pendhar-Khandeshwar	7	19	35	0.54	32
			Bus	MMC: Virar-Alibaug	7	13	25	0.52	31
			Car/ Taxi	MMC: Virar-Alibaug	7	13	28	0.45	27
15	3105	khopta	Sub-urban		16		45	0.00	
			Metro/Monorail	Rave-Chirner, Chirner- NMIA,	16	20	35	0.57	34
			Bus	MMC: Virar-Alibaug	16	28	30	0.93	56
			Car/ Taxi	MMC: Virar-Alibaug	16	28	34	0.83	50
16	3123	Kharbav	Sub-urban	Vasai-Diva, Diva-Panvel lines	38	55	45	1.23	74
			Metro/Monorail	Gaimukh Retibunder-Kapurbawadi-Rabodi-Vitawa-Sanpada-Belapur Creek-NMIA	38	55	35	1.57	94
			Bus	MMC: Virar-Alibaug	38	58	30	1.93	116
			Car/ Taxi	MMC: Virar-Alibaug	38	58	34	1.69	102
17	3122	RoMMR	Sub-urban		46		45	0.00	
			Metro/Monorail	Vadape-Ambivili, Ambivili-Ambernath, Ambernath-Ustane, Ustane-Taloja, Taloja-Pendhar, Pendhar-Khandeshwar	46	21	35	0.61	37
			Bus	MMC: Virar-Alibaug	46	87	22	3.96	237
			Car/ Taxi	MMC: Virar-Alibaug	46	87	22	3.96	237
18	3129	Matheran, Karjat, K hopoli, RoMMR	Sub-urban	Karjat-Panvel	26	32	45	0.71	43
			Metro/Monorail		26		35	0.00	
			Bus	MMC: Virar-Alibaug	26	40	32	1.23	74
			Car/ Taxi	MMC: Virar-Alibaug	26	40	37	1.08	65
19	3134	Alibaug M.Cl, RoMMR	Sub-urban		32		45	0.00	
			Metro/Monorail		32		35	0.00	
			Bus	MMC: Virar-Alibaug	32	54	32	1.70	102
			Car/ Taxi	MMC: Virar-Alibaug	32	54	37	1.49	89

Cluster No.	Cluster Name	Suburban	Metro/Monorail	Bus	Car/Taxi
1	Island City	54	60	86	60
2	Western Suburbs	67	69	111	97
3	Eastern Suburbs	57	44	65	57
4	Thane M. Corp	51	54	87	76
5	NMMC (NM-N)	14	32	44	38
6	KDMC, AKBSNA, UMC, KBMC, AMC	62	59	91	80
7	VVMC, VVSNA	94	138	120	102
8	Uran+NM-S	9	13	21	19
9	Pen, NAINA Part -2	38	60	74	65
10	BNMC, BSNA	58	80	116	101
11	MBMC	87	98	122	104
12	NAINA Part -1 (near Panvel)	10	39	44	39
13	MSRDC	31		51	45
14	PMC+ NM-E	16	32	31	27
15	Khopta		34	56	50
16	Kharbao	74	94	116	102
17	Rest of MMR		37	100	90
18	Matheran, Karjat, Khopoli, Rural MMR	43		74	65
19	Alibag M.Cl, Rural MMR			102	89

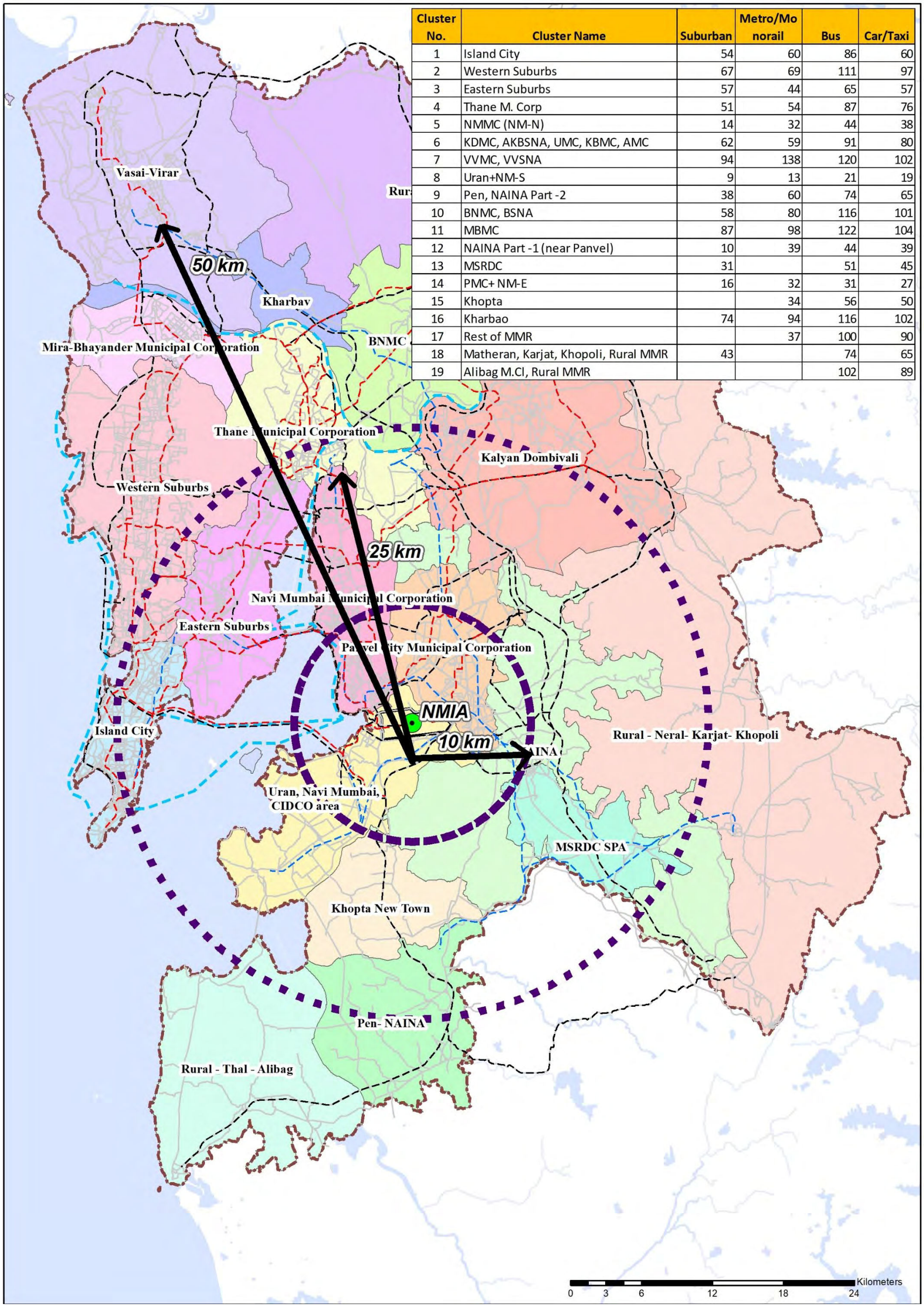


Figure 11-3: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

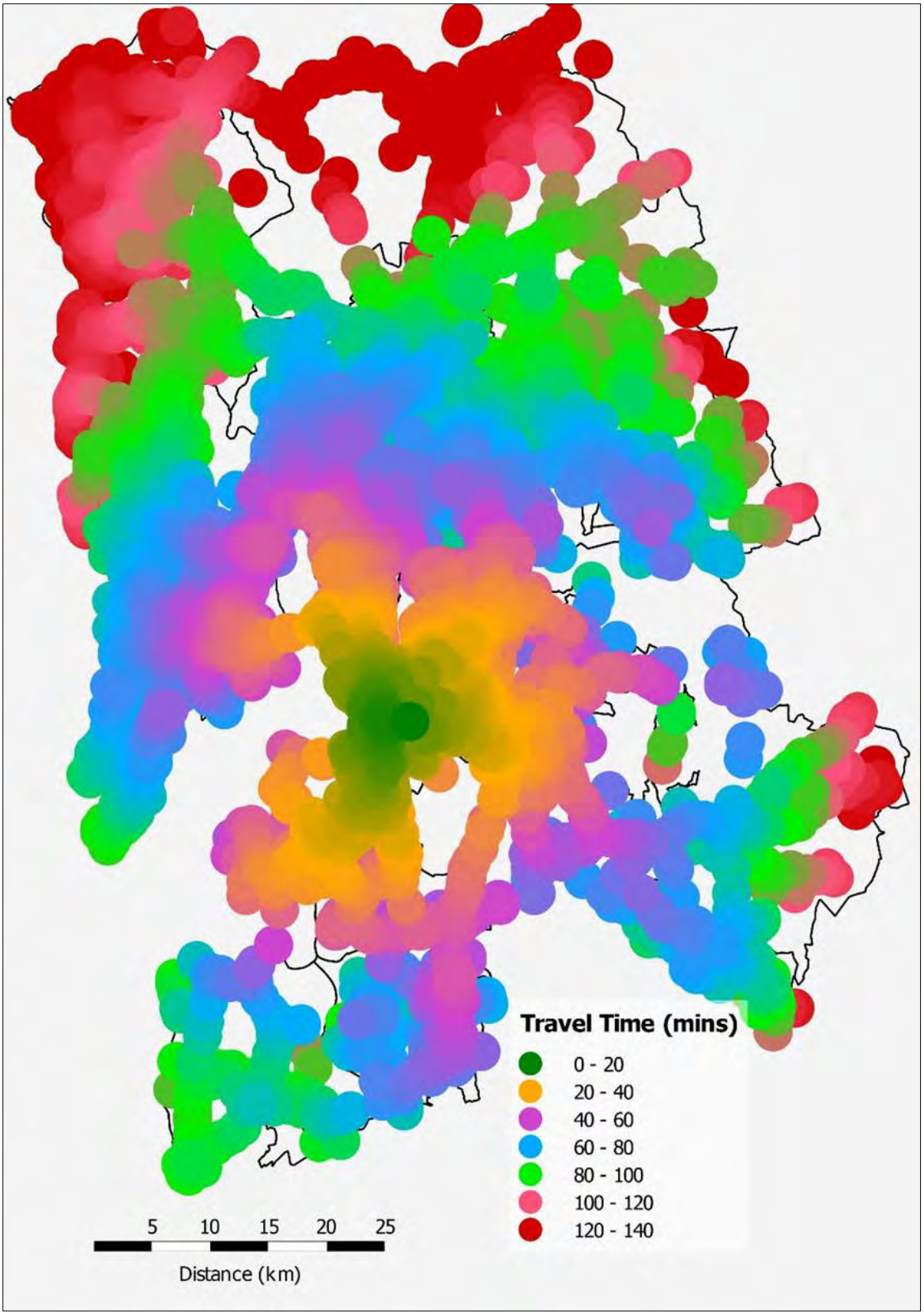


Figure 11-4: Average Travel Time from various TAZs of MMR to proposed NMIA by Transit Modes (Sub-urban/Metro/ Monorail/ Bus)

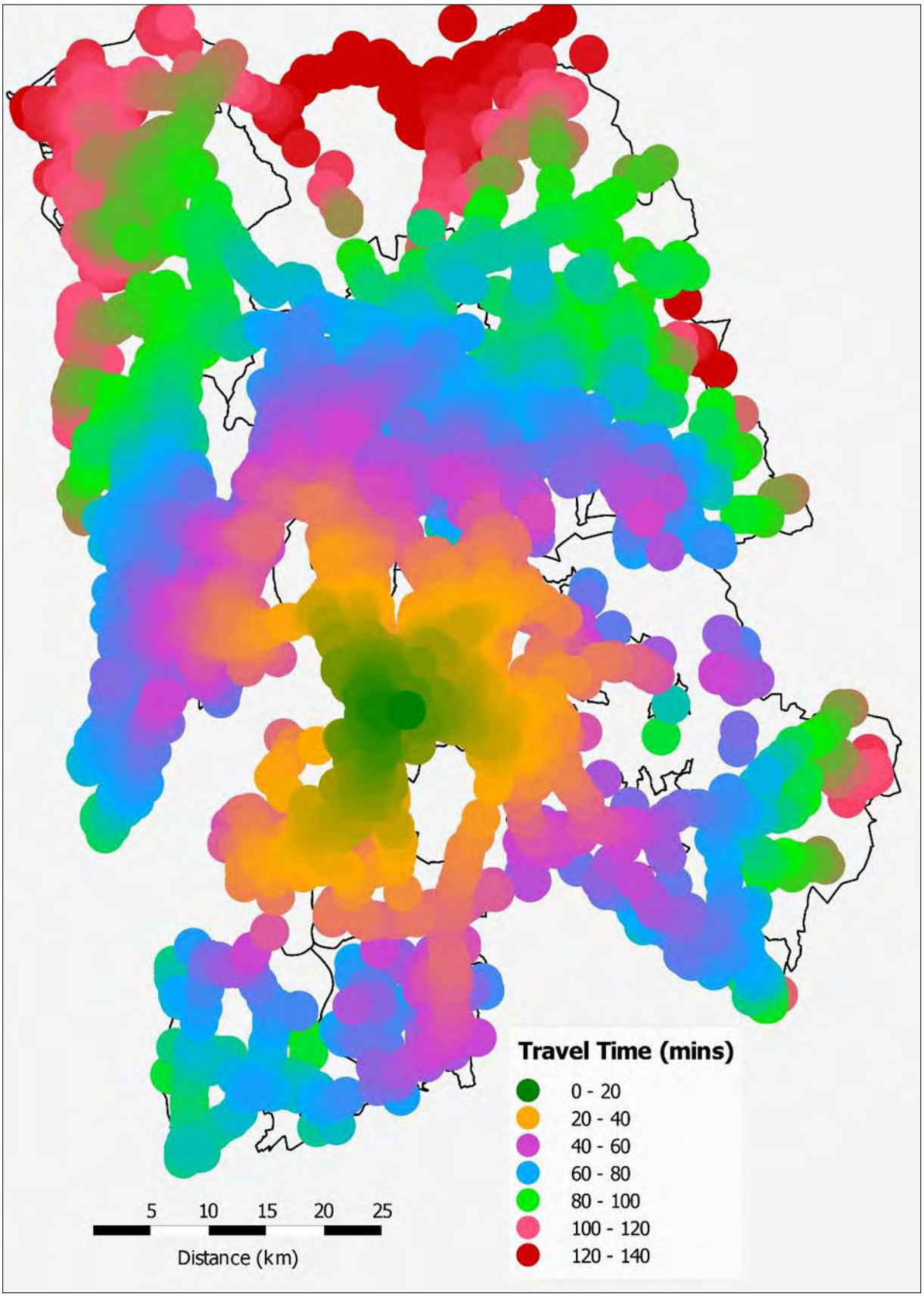


Figure 11-5: Average Travel Time from various TAZs of MMR to proposed NMIA by Private Vehicles (Car/ Two wheeler)/ IPT Modes (Taxi/ Auto)

11.4 PROPOSED TERMINAL FACILITIES & MULTIMODAL HUB IN THE DELINEATED AREA

Orderly planning for the expansion and potential location of Inter-city Rail Terminals, Inter-city Bus terminals, Truck Terminals and Airports, is an important objective in transport systems planning for any metropolitan region. Based on the detailed data analysis obtained from primary surveys/ secondary source, relevant to external travel by rail & road, goods vehicle and groundside air passenger movements, various new transport terminals have been proposed. The potential for travel by passenger water transport from east and west coasts of Mumbai and across other major creeks within MMR had also been reviewed and the potential terminals had been identified. However, it should be worth noting that marine transportation will not have a material effect on travel demands by traditional wheel modes. In case of planning any terminals for air travel and inter-city rail trip, the Central Government should initiate necessary measures; details are presented in chapter 10. The locations of the Proposed Terminal Facilities & Multimodal Hubs within the NMIA delineated are depicted in Figure 11-6.

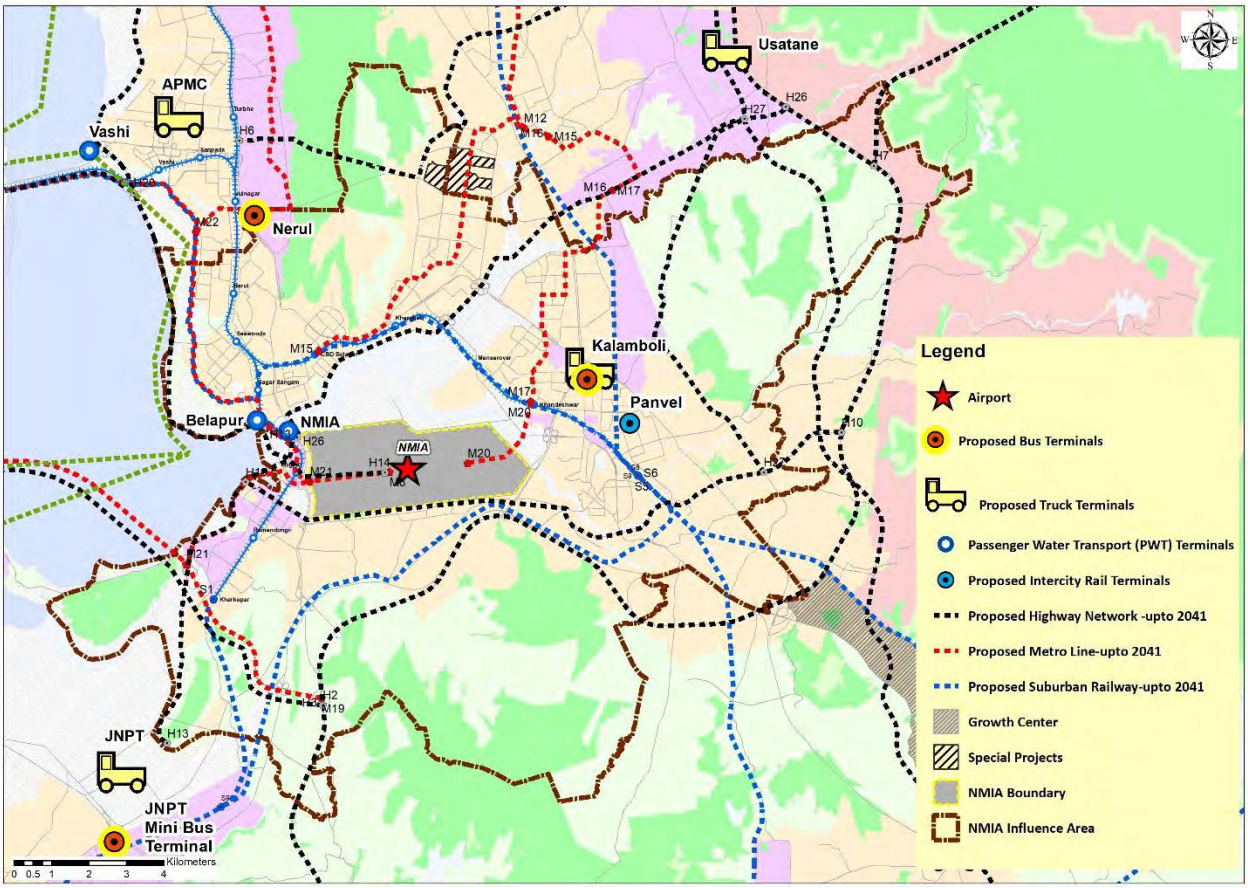


Figure 11-6: Proposed Terminal Facilities & Multimodal Hubs in the Delineated Area

11.5 RECOMMENDED LOCAL TRANSPORT CONNECTIVITY PLAN FOR NMIA

Consultants have identified 32 major junctions in the NMIA delineated study area (Figure 11-7) which warrant for intersection improvements by 2026. The junctions where total intersection volume is greater than 3,000 PCUs/hr in a particular horizon year within the delineated study area have been proposed for installation of traffic signal. In addition to above, the junctions where total intersection traffic is greater than 10,000 PCUs/hr have been proposed for grade separation. Total intersection traffic volumes in PCUs/

hr by horizon year wise i.e. 2026, 2031 and 2041 for DRP and CTSU scenarios are assessed from transport network analysis using EMME software and the details are presented in Table 11-6.

Table 11-6: Total Intersection Volume in PCUs/hr at Major Intersections in the Delineated Study Area of NMIA

Sl. No.	Name	DRP			CTSU			Recommended for Traffic Actuated Signal conversion/ installation or Grade Separation by
		2026	2031	2041	2026	2031	2041	
1	NH 4C	3,850	2,900	4,550	3,600	3,000	4,250	TAS: 2026
2	NH48 & Thane Naka	2,900	1,900	2,800	2,600	2,000	2,750	TAS: 2026
3	NH 48 & Khanda Colony	2,600	6,450	6,650	2,500	6,450	6,500	TAS: 2031
4	Kopar	9,050	9,150	13,500	8,100	9,200	14,100	TAS: 2026 and GS: 2026
5	Panchmukhi Hanuman Mandir*	3,300	6,550	7,450	3,300	6,550	7,500	TAS: 2026
6	Gavan Phata	4,350	3,900	6,050	4,250	4,300	6,650	TAS: 2026
7.1	Palm Beach Marg*	2,900	4,350	5,250	2,400	4,200	5,750	TAS: 2026
7.2	Palm Beach Marg*	2,250	3,750	4,800	2,000	3,650	4,550	TAS: 2031
7.3	Palm Beach Marg*	4,150	5,200	7,000	3,600	4,650	6,200	TAS: 2031
7.4	Palm Beach Marg*	5,700	5,750	7,950	5,050	5,650	6,900	TAS: 2026
8	Uran Phata*	9,100	12,300	13,750	6,650	11,750	13,750	TAS: 2026 and GS: 2026
9	Parsik Hill Junction*	2,950	2,900	3,950	2,650	2,700	3,500	TS: 2026
10	Amra Marg Junction*	9,550	9,650	16,100	7,900	9,350	13,850	TAS: 2026 and GS: 2026
11	Chatrapathi Shivaji Chowk*	9,350	12,450	14,650	8,650	12,000	13,550	TAS: 2026 and GS: 2026
12	CSMC	2,800	3,950	4,800	2,400	3,650	4,250	TAS: 2031
13	Divale Gaon	2,050	2,450	3,300	1,800	2,100	2,400	TAS: 2041
14	Kokan Bhawan*	2,150	2,900	3,700	1,900	2,650	3,200	TAS: 2031
15	Kalmboli Junction*	10,300	13,650	17,150	9,650	13,850	17,100	TAS: 2026 and GS: 2026
16	Gavan	5,950	6,700	7,350	3,950	6,650	7,950	TAS: 2026
17	Jasai	2,400	3,000	4,200	2,100	3,150	4,850	TAS: 2031
18	Dastan Phata	2,400	3,100	4,300	2,100	3,250	4,700	TAS: 2031
19	Kalamboli Link*	2,650	3,300	3,950	2,400	3,300	3,900	TAS: 2031
20	Taloja Phata*	2,050	5,850	5,900	1,900	5,800	5,800	TAS: 2031
21	Hiranandini Complex*	2,900	6,950	7,300	2,850	6,900	7,250	TAS: 2026
22	Belapur Junction*	5,636	9,889	11,170	5,183	9,638	10,730	TAS: 2026 and GS: 2031
23	Navade Road*	2,600	7,250	9,350	2,400	7,200	8,750	TAS: 2031
24	Wahal	9,450	9,100	11,850	8,750	8,750	12,000	TAS: 2026 and GS: 2026
25	Central Park	8,300	6,800	10,200	7,400	6,500	8,550	TAS: 2026 and GS: 2041
26	Green Heritage	2,550	3,000	4,000	2,400	2,950	3,800	TAS: 2031
27	Gharkul	2,500	3,000	3,950	2,350	2,800	3,850	TAS: 2031
28	Corporate Park-1	5,800	4,250	6,050	5,000	4,000	5,150	TAS: 2026
29	Corporate Park-2	5,500	2,850	4,500	4,750	2,700	3,800	TAS: 2026
30	Taloja*	2,200	3,100	3,850	2,000	3,050	3,650	TAS: 2031
31	Palaspe Phata	9000	11200	13100	8700	11200	13600	TAS: 2026 and GS: 2026
32	Kone Phata	4800	5800	6900	4700	6000	7100	TAS: 2026 and GS: 2041

TAS: Traffic Actuated Signal; GS: Grade Separation

*Note: * The intersections where there are already signals are present, they are proposed for conversion to Traffic Actuated Signalling system.*

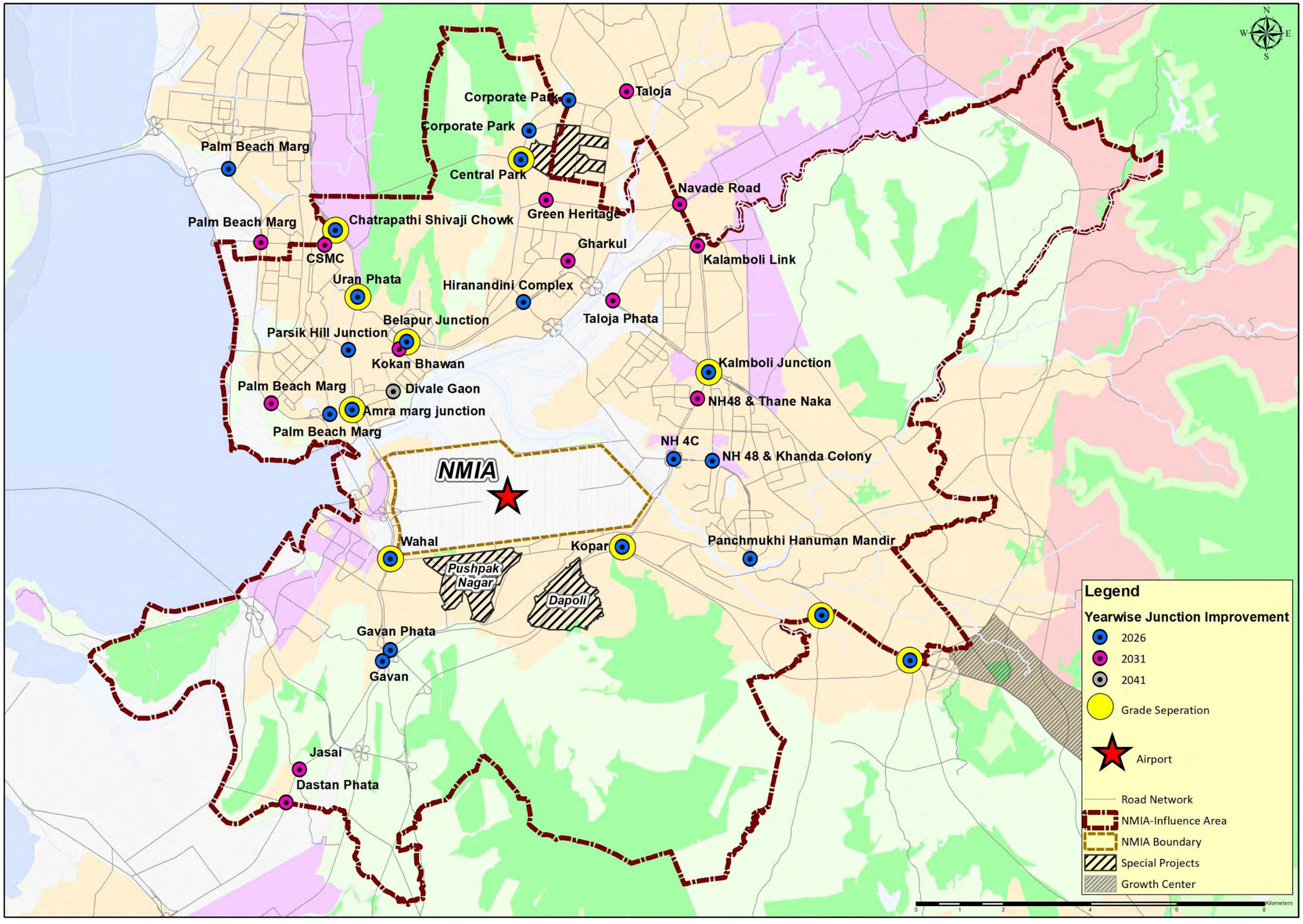


Figure 11-7: Identified Major Intersections in the Delineated Study area of NMIA

11.5.1 Recommended Level of Service

The volume/capacity ratio which is an indicator of traffic operating conditions i.e. service levels on the road network in the immediate vicinity of the airport is very important. The road network in the immediate vicinity of the NMIA should ideally offer a very good level of service during the horizon period upto 2041 which means fast dispersal of traffic and lesser travel times. Air passengers can become very frustrated if traffic congestion on roads within sight of the Airport results in missed flights or wasted non-refundable tickets. We contemplate at this stage the network and systems recommended should offer a predictability of travel times from different parts of the region meaning to say that service levels offered by major regional corridors as one approach to the airport. Further, major junctions/ intersections need to be grade-separated to the extent possible to avoid traffic signal delays. Minor junctions need to be signal controlled preferably with traffic actuated signalling system to avoid overall delays for the traffic. Details of the said proposals are covered in the above sections and service levels are presented in this section.

The Indian Highway Capacity Manual (INDO-HCM, 2017) defines level of service as a qualitative measure, describing operational conditions within a traffic stream and their perception by drivers / passengers. LOS definition generally describes these conditions in terms of factors such as speed and travel time, freedom to manoeuvre, traffic interruptions, comfort, convenience and safety. Six levels of service are recognised, and these are designated from A to E with LOS A representing the best operating condition i.e. free flow and the LOS E the worst i.e. forced or breakdown flow or saturated flow.

The objective of LOS is to relate the traffic service quality to a given flow rate of traffic. It is a term that designates a range of operating conditions on a particular type of facility. Speed has been considered as the principal factor affecting the LOS of an urban road segment under ideal conditions. Stream speed has been considered as the basic parameter for the estimation of LOS. Table 11-7 describes the Level of Service w.r.t volume/capacity ratios and their respective percentages of free flow speed.

Table 11-7: LOS of Multilane Divided Urban Roads based on Stream Speed, V/C Ratio, FFS

Level of Service	Volume/Capacity Ratio	Percentage of Free Flow Speed
LOS A	<= 0.15	>= 84
LOS B	0.15 - 0.45	83 -76
LOS C	0.46 - 0.75	75 - 59
LOS D	0.76 - 0.85	58 - 41
LOS E	0.86 - 1.00	40 - 22
LOS F	> 1.00	< 22

In the delineated study areas of both CSMIA and NMIA, the Consultants have assessed the volume to capacity ratios on the major roads across the various horizon years and the different scenarios and have been detailed in Table 11-8.

Table 11-8: Weighted Volume/Capacity ratio of Major Roads connecting to CSMIA and NMIA within Delineated Study Area only for the Horizon Years 2026, 2031 and 2041

Airport	Road Name	Length (km)	2017	2026_ DRP	2026_ CTSU	2031_ DRP	2031_ CTSU	2041_ DRP	2041_ CTSU
CSMIA	EEH	9.76	0.81	0.67	0.67	0.67	0.69	0.69	0.70
	WEH	38.59	0.79	0.39	0.41	0.38	0.40	0.39	0.42
	Sion-Panvel Highway	2.63	1.03	0.55	0.54	0.64	0.66	0.67	0.69
	JVLR	10.92	0.77	0.41	0.43	0.58	0.60	0.59	0.63
	SV Road	13.76	0.93	0.49	0.50	0.52	0.54	0.53	0.57
	SCLR	9.19	0.69	0.40	0.40	0.41	0.44	0.42	0.46
	Andheri Ghatkopar Eastern Express Highway	9.15	1.01	0.64	0.67	0.85	0.88	0.86	0.92
	Link Road	1.58	0.73	0.35	0.36	0.52	0.53	0.52	0.55
	LBS MARG	12.72	1.08	0.50	0.51	0.63	0.66	0.63	0.66
	Sahar Elevated Road	5.25	0.19	0.15	0.16	0.17	0.19	0.17	0.20
	Weighted		**0.83**	**0.49**	**0.51**	**0.59**	**0.62**	**0.60**	**0.64**
NMIA	Sion Panvel Highway	17.55	0.62	0.29	0.27	0.49	0.48	0.56	0.55
	SH 54	14.09	0.18	0.19	0.18	0.23	0.24	0.31	0.33
	SH 104	3.67	0.01	0.02	0.02	0.02	0.02	0.02	0.02
	Palm Beach Road	6.78	0.44	0.17	0.15	0.24	0.22	0.33	0.29
	NH-4C	4.56	0.15	0.23	0.21	0.16	0.16	0.25	0.24
	NH-4	5.96	0.25	0.19	0.18	0.28	0.28	0.32	0.32
	Mumbai Pune Expressway	10.87	0.30	0.27	0.25	0.23	0.24	0.34	0.37
	JNPT Road (NH4B)	15.72	0.63	0.21	0.20	0.21	0.22	0.34	0.36
	Amra marg (NH-348A)	7.40	1.09	0.31	0.28	0.41	0.41	0.53	0.53
	Weighted		**0.33**	**0.12**	**0.10**	**0.12**	**0.14**	**0.17**	**0.22**

In case of CSMIA, weighted V/C assessed for the base year 2017 is 0.83 (LOS D) and for the horizon period upto 2041 would vary from 0.49 to 0.64 (LOS C) which is very good. All the major roads have seen a betterment in terms of the congestion level which is due to the massive 167 km metro network which is under construction in Greater Mumbai and available before 2026. Also, major highway network which improves the east-west connectivity and the MCGM coastal road has helped by taking up the major share of the long-distance trips.

In case of NMIA, weighted V/C assessed for the base year 2017 is 0.33 (LOS B) and for the horizon period upto 2041 would vary from 0.10 to 0.22 (LOS B) which is very good. When we look at NMIA delineated area, the major roads have seen good volumes from the internal trips of MMR which was not the case in the base year 2017, where most of the road-based trips were the External goods being attracted by JNPT. The new attractions like the proposed NM-SEZ, JNPT-SEZ, Kharghar Corporate Park and the Airport itself have made more trips being attracted within the delineated study area. Looking at the level of service offered by the major roads in the NMIA delineated study area, the weighted V/C suggests an average of LOS B i.e. such flows and congestion levels on the Urban Roads are good and the same should be maintained for the future in order to serve the region much better in terms of service quality. To better understand the local connectivity the Consultants generated travel time contours which suggest that the NMIA delineated boundary can be traversed within 20 minutes from NMIA for the base year 2017 and horizon year 2041 are presented in Figure 11-8 and Figure 11-9 respectively.

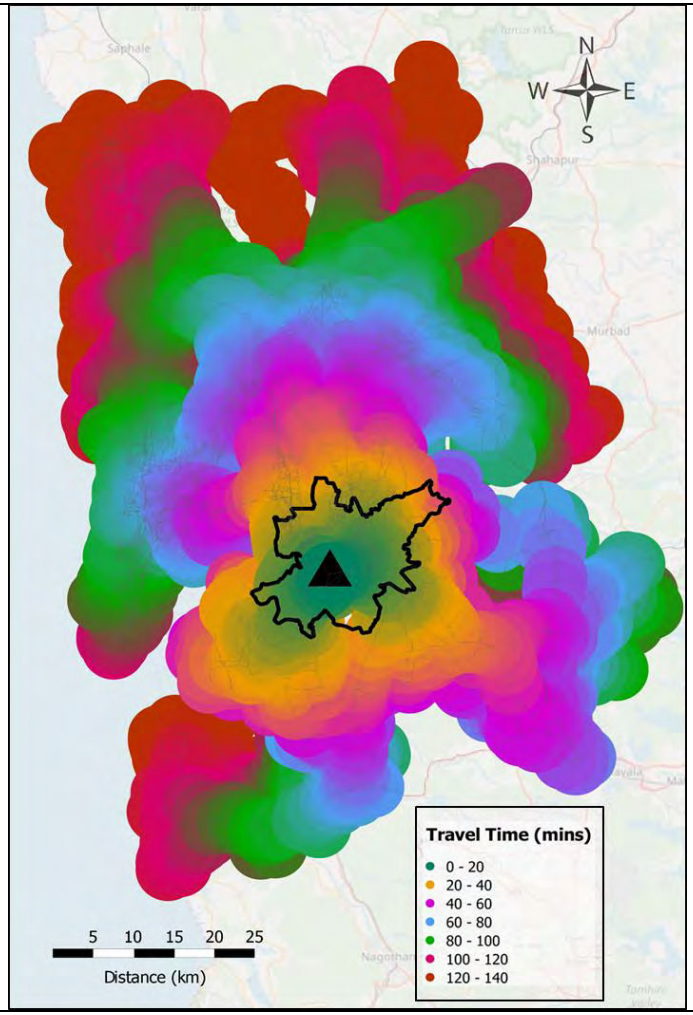


Figure 11-8: Average Travel Time from various TAZs of MMR to proposed NMIA on Road system - 2017

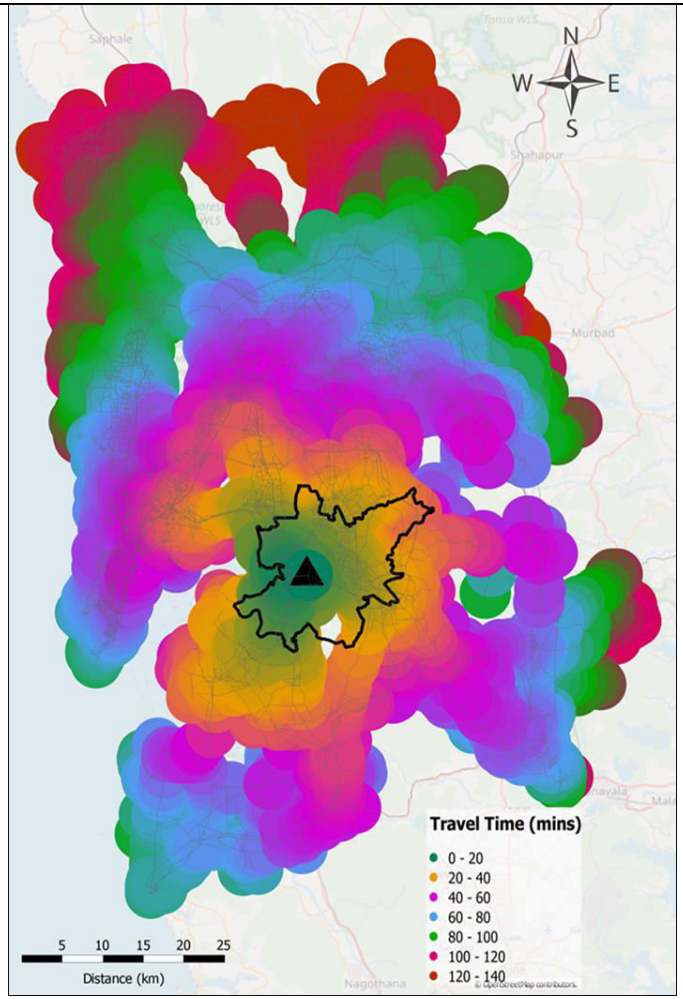


Figure 11-9: Average Travel Time from various TAZs of MMR to proposed NMIA on Road system - 2041

11.6 PROJECT IMPLEMENTATION – A PERSPECTIVE ON PHASING

The multi-modal enhanced regional transport connectivity and local transport connectivity presented in this chapter include some of the committed projects and some of the proposed projects. Phasing of projects is done considering the ongoing implementation of some projects, projects' preparatory works carried out by various planning and implementing organisations, etc. Preliminary phasing of committed and proposed transportation projects including broad cost estimate is presented in Table 11-9.

It is important to note that the NMIA, as developed, will be one of the integral parts of MMR transport system and shall be functioning to meet the regional and national air travel needs. It is further important to note that projects committed and projects contemplated, along with additional enhancements suggested for regional and local connectivity should be developed in the larger perspective to make NMIA a success by meeting the assessed travel needs. It is also important to note that all this investment on connectivity will not be just for NMIA, but the corridors will also be serving larger regional and local travel demands.

Table 11-9: Preliminary Phasing of Committed and Proposed Transportation Projects

Sl. No.	Status	Code	Name	Year	Broad Cost in INR Crores	Organisations	Phase-I				Phase-II		Phase-III				Phase-IV							Buffer			
							2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
1	Committed	S-1	Seawoods -Uran	2021	1,800	CIDCO/MRVC																					
2		M-2B	D.N. Nagar - Mandale	2026	10,986	MMRDA																					
3		M-12	Kalyan - Taloja	2026	11,000	MMRDA/CIDCO																					
4		M-15	Belapur-Taloja-Pendhar	2021	4,983	CIDCO																					
5		H-2	MTHL	2026	14,000	MMRDA																					
6		H-3	Multi Modal Corridor (Virar-Alibaug)	2026	23,000	MMRDA																					
7		H-7	Mumbai-Vadodara Spur in MMR	2026	13,568	NHAI																					
8		H-13	Ulwe-Airport Road (CIDCO)	2026	711	CIDCO																					
9	Pro	S-3	Panvel-Karjat	2026	2,026	MRVC																					
10		S-4	Diva Vasai Road	2026	4,016	MRVC																					
11		S-5	Diva-Panvel	2026	2,478	MRVC																					
12		S-6	CSMT - Panvel	2026	10,870	MRVC																					
13		S-8	Panvel To Apte	2041	1,316	CIDCO/MRVC																					
14		S-9	Panvel To Ranjanpada	2041	1,643	CIDCO/MRVC																					
15		M-8	CSIA - NMIA Fast Corridor (Airport line)	2026	15,000	MMRDA/CIDCO																					
16		M-17	MIDC to Khandeshwar	2026	3,232	CIDCO																					
17		M-20	Khandeshwar to NMIA	2031	1,661	CIDCO																					
18		M-19	Sewri-Prabhadevi 3.5 -Siddhivinayak-Jambhulpada (MT	2031	12,685	MMRDA/CIDCO																					
19		M-21	MTHL Spur to NMIA	2031	2,245	MMRDA/CIDCO																					
20		M-22	Thane to Juinagar	2031	9,270	MMRDA																					
21		M-14	Kanjurmarg-Mahape-Usatane-Badlapur	2026	15,298	MMRDA																					
22		H-1	Elevated Link (Sewri-Worli)	2026	1,500	MMRDA																					
23		H-6	Radial-5(Turbe-Taloja-Ustane)	2026	1,001	MMRDA																					
24		H-14 & H-20	Coastal Road (Thane to NMIA)	2031	7,948	MMRDA/CIDCO/TMC/NMMC/ NMIAL																					
25		H-21	Spine Corridor in NAINA	2031	4,138	CIDCO																					
26		H-10	Coastal Road to Ambivali (MMC)	2026	1,690	CIDCO																					
27		H-26	Belapur to MMC (Taloja MIDC)	2041	11,352	MMRDA/CIDCO/MIDC																					
28	Traffic Management measures (Junction Impro, Traffic signals, Flyovers, Interchanges, etc.)				738	CIDCO/NMMC/PCMC/NHAI																					
29	Road Widening and development of new / missing links in the 5 km delinated area				14,124	CIDCO/NMMC/PCMC/NHAI																					
Total					204,279																						

11.7 WAY FORWARD

NMIA, the new green field airport, if developed as contemplated, is going to be one of the major value additions to MMR and its transport system and also to India. It will form an invaluable asset to the nation. It needs serious attention and consideration for comprehensive and co-ordinated development in a prioritized and systematic manner.[17]

As already noted, NMIA will cater to the travel needs of air passengers from not only MMR but also area beyond it. Planning and implementation of capital-intensive projects like the regional and local transport connectivity needs urgency, significant co-ordination with other organisations for ensuring effective operation of airport by providing efficient ground transport access by various modes of transport from and to various parts of MMR as well as from/to outside of MMR. Serious efforts by various stakeholders are in progress and further momentum is required.

Below, in brief, are some of the action points. These are not exhaustive. This is for consideration of CIDCO and GoM for deemed necessary action:

1) High Level Committee (Task Force) is already setup by GOM under the chairmanship of Chief Secretary for implementation of the proposed connectivity to NMIA;
2) Intensive coordination with NHAI/ MJPRCL/ MSRDC for timely completion of works under planning and implementation stage;
3) Coordination with NMMC, PCMC, PWD, NHAI, Traffic police etc. for timely implementation of intersection improvements, traffic signal installation, grade separated facilities, enforcement etc. as proposed in the study under local transport connectivity plan;
4) Coordination with MSRDC for implementation of 3rd Thane Creek Bridge;
5) Coordination with NMMC, PCMC, PWD, NHAI, etc. for carrying out further Detailed Feasibility Study/ Detailed Project Report as appropriate for the proposed widening of existing roads and development of new/ missing links within the 5 km delineated area as proposed in the study under local transport connectivity plan;
6) Prepare Detailed Feasibility Study/ Detailed Project Report as appropriate for the additional road corridor parallel to Palm Beach Marg (Coastal road or elevated road on creek side or elevated road along the median) in coordination with NMMC, MMRDA, NMIAL, etc.;
7) Initiate dialogue with NMMT, BEST, TMT, KDMT, VVMT, PCMT, MSRTC etc. when implementation of NMIA reaches to near completion, for operation of bus routes providing connectivity to NMIA from various parts of MMR;
8) Initiate dialogue with NMMC for operation of bus feeder services between NMIA and nearby suburban railway stations (Khandeshwar, Kharghar, Panvel, Targhar, etc.);
9) Expedite execution of Navi Mumbai Metro (CIDCO);
10) Coordination with MRVC/ IR and MMRDA for implementation of CSMT-Panvel fast sub-urban rail corridor along harbour line, sub-urban rail operations on Vasai-Diva and Diva-Panvel sections and doubling of Tracks on Panvel-Karjat for running sub-urban operations (CTS for MMR Updation

[17] Implementation of the proposed multi-modal regional and local transport connectivity projects, as already mentioned, cannot be taken up in isolation. The proposals are interconnected. A number of agencies are involved in planning and implementing similar projects, of which the proposals made through this study are just a part. In order to make the implementation process fast and smooth, it is required that all the concerned agencies come together and discuss their proposals, as well as their work schedule. This will ensure that no investment made is wasted.

study proposals);

11) Coordination with MMRDA for integrated design of metro corridors M3: Colaba-Bandra-SEEPZ, M19: Prabhadevi-Sewri-Jambulpada and M20: MTHL spur to NMIA to facilitate operation of metro services from Colaba to NMIA and vice versa;
12) Prepare Corridor Development Plans of Green Corridors, as feasible, for all the identified Local Connectivity and some Regional Corridors and then preparing DPRs for implementation, to enhance the image of MMR and NMIA;
13) MMRDA to take up responsibility for development of Regional Truck Terminal as per CTS for MMR Updation Study;
14) Prepare Detailed Feasibility Study/ Detailed Project Report as appropriate for implementation of regional Passenger Water Transport (PWT) routes providing connectivity from Island city, Thane, Kalyan-Dombivali, etc. to NMIA in coordination with MSRDC, MbPT, MMB, MMRDA, etc.;
15) Involvement of Navi Mumbai Traffic Police at all stages i.e. from Planning stage to Execution stage for effective coordination;
16) Secure encroachment removal along major transportation corridors and restore capacities to safely and effectively move people and vehicles;
17) Implement measures to protect long term transportation corridors (protection of Right of Way);
18) Development of land parcels around the NMIA periphery will have to be strictly controlled to avoid unauthorised occupation or wrongful land use that may cause congestion and obstruction in construction of approach roads towards the NMIA;
19) Land required to develop the proposed interchanges (especially under local connectivity) need to be blocked for future use;
20) Implement policies to promote Transit Oriented Development; and
21) As the NMIA project nears completion, coordinate with MRVC/ IR for increasing the frequency of sub-urban trains and operation of 12 coach rakes on CSMT-Panvel line and Seawoods-Uran line of harbour line.

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Annexure 1-1

CTS FOR MMR STUDY 2005-08: INSIGHTS

1 CTS FOR MMR STUDY 2005-08: INSIGHTS

1.1 BACKGROUND

The Mumbai Metropolitan Region (MMR) is one of the fastest growing metropolises in India. With a population of 19 Million (Census, 2001), it is ranked as the sixth largest metropolitan region in the world. Greater Mumbai is in effect the mother city and represents a significant engine of growth for the whole region. Although, over time, other areas in MMR viz. Thane, Navi Mumbai and Mira Bhayander have also experienced major economic growth. About 700,000 people enter Greater Mumbai from the surrounding areas in the morning peak period for work and other purposes. Mumbai Region still is the epitome of Maharashtra and India. It has and continues to be the focal point of hope, aspirations and opportunities for a wide range of urban migrants seeking to improve their well-being and economic advancement. It tends to imbibe in it several dimensions together, apart from being the vibrant financial capital of India. MMR has been the land of opportunities for many people in India. From an overall planning, economic and transportation perspective, all the urbanized areas of the Region are functioning as a single entity with people travelling between municipal jurisdictions for work, education, shopping and personal needs.

The region's primacy in the economic well-being of India cannot be underrated. Maintaining and enhancing the vitality of this metropolis and achieving sustainable growth is pivotal towards realising the larger developmental objectives and quality of life goals of India. The metropolis, like many other major cities of the world, has been experiencing significant deficiencies in the social and physical infrastructural systems. While governments have been making concerted efforts to address these deficiencies, these efforts need to be intensified and fast-tracked, to overcome the back-log of needs and to enhance MMR's contribution towards national development objectives.

Given the growth dynamics and dimensions of transportation problems, and more importantly to plan and develop transportation systems on a sustainable basis with an updated long-term perspective, MMRDA, in technical consultation with and financial assistance of the World Bank have initiated the comprehensive study on transportation for MMR (named as TRANSFORM) under the ongoing MUTP. The study was carried out during the period 2005-08. Brief details and recommendations of the study are presented in the following sections and detailed Executive Summary is presented in Annexure 4-2.

1.2 DATABASE DEVELOPMENT

Extensive secondary data collection and primary surveys have been carried out for development of database required for understanding base year socio-economic and travel characteristics, validation of travel demand, calibration & revalidation of travel demand models, assessment of transport network for the horizon period upto 2031. Primary surveys carried out during CTS for MMR study are presented in Figure 1.

Figure 1: Primary Surveys Conducted During TranSforM Preparation

Sl. No.	Primary Survey	Coverage	Principal Purpose
1	Home interview survey (his)	66,000 households	Socio-economic characteristics Travel characteristics of internal travel
2	Classified volume count and OD survey at outer cordon locations	24 Hr., 9 locations	Travel characteristics of external travel External travel demand for the base year
3	Classified volume count and Origin-Destination (OD) survey at sub-regional cordon locations	24 Hr., 20 locations	Transport model validation
4	Classified volume count at inner cordon locations	16/24 hr., 33 Locations (OD survey at 3 locations)	Transport model validation
5	Screen line points	16 Hr., 3 locations	Validation of travel demand assessed from HIS analysis Validation of travel demand models
6	Mid-block locations	16 Hr., 11 locations	
7	Level crossing locations	16 Hr., 5 locations	
8	Onboard sub-urban rail passenger surveys	6.17%	
9	Sub-urban rail passenger surveys: alighting surveys at stations	16%	
10	Operational characteristics of bus and rail transport networks	5700 bus routes and 1767 train Services	Input for preparation of public transport network
11	Intermediate Public Transport (IPT) (auto and taxi) surveys	50 locations	
12	Bus terminal surveys	13 bus terminals	Assessment of terminal requirements for the horizon period
13	Airport terminal surveys	2000 air passengers (Insights to air travel related aspects studied during CTS for MMR study are presented in Annexure 4-1.)	Assessment of terminal requirements for the horizon period
14	Goods terminal surveys	20 goods terminals	Goods travel characteristics Estimation of internal goods travel Assessment of goods terminal requirement for the horizon period
15	Speed-flow studies	16 carriageway types	Development of volume-delay (speed-flow) functions for assignment models
16	Journey speed and delay studies	550 kms	Base year travel characteristics
17	Network inventory	2,300 kms.	Preparation of transport networks for the base and horizon years
18	Pedestrian surveys	50 locations	Identification of grade separated pedestrian facilities
19	Parking surveys	50 stretches	Parking characteristics Preparation of parking policy for MMR
20	Workplace based surveys	4000 respondents	Development of trip generation rates for traffic impact assessment. Modal choice analysis

1.3 CTS FOR MMR STUDY RECOMMENDATIONS

The recommended transport network plans i.e. Transit and Highway for the horizon year 2031 are presented in Figure 2 and Figure 3 respectively. Some of the salient features of the proposed short- and medium-term plans and their extent by 2031 are described below:

a) The length of metro network for the horizon year 2016 and 2021 is 228 km and 318 km respectively, which further expands to 435 km by 2031. Most of the metro network proposed by 2016 is located in MCGM and Navi Mumbai. The metro lines considered are of twin track, one track per direction.

b) Total length of new suburban rail network is approximately 248 km. The majority of the new suburban rail network corridors are required by 2016, with minimal addition thereafter. Only twin track corridors have been proposed, with one track per direction.

c) The highway network, which includes higher order transport network (fully access controlled) and arterial corridors for the horizon year 2016 and 2021 is 982 km and 1,229 km respectively. The 2021 network is further required to be developed and augmented by another 510 km by 2031 to be extending over 1,740 km. It is recommended that, all major sea-links and bridges will have the lane configuration reflecting 2031 requirements. Most of the higher order transport network has been considered to have at least eight (8) lane divided main carriageway by 2031. However, for 2021/2016 they shall be of six (6) lane divided carriageway only.

d) Along some of these corridors, Exclusive Bus Lanes (EBL) have been proposed for the horizon years where the travel demands on parallel metro corridors were insufficient to justify investments in a metro line for the time horizons being considered. The approximate length of EBL network proposed by 2016, 2021 and 2031 is 165 km, 112 km and 79 km respectively.

e) Based on studies made by other agencies provisions have been made in the budgets for Passenger Water Transport (PWT) on the west coast, east coast and on other routes. The proposed investment by the horizon year 2016 is about Rs. 480 crores.

f) Inter-State bus terminals, inter-city/ intra-regional bus stations, major/ minor truck terminals, inter-city rail terminals have been proposed as part of transport plan for the horizon years 2016 (INR11.3 billion), 2021 (INR 20.4 billion) and 2031 (INR 30.4 billion).

g) Road safety measures, traffic management measures are being recommended. These measures include intersection improvements, flyovers/ interchanges, pedestrian facilities (FOBs and Subways), ROBs/ RUBs, footpath improvements, traffic signal installation/ Area Traffic Control Systems, etc. An approx. investment needed for these is assessed to be INR 58.6 billion by 2016.

h) Along the entire higher order road/highway network and on proposed new and upgraded arterial roads it is recommended to have footpath facilities on either side with guard rails (typically of to 2 m width). This is for safe movement of pedestrians. The cost for footpaths is included in the roadway costs.

i) Safety measures within the existing suburban railway stations like FOBs for non-rail commuters, provision of guard rails between the tracks to avoid crossing of tracks by rail commuters, etc. have been proposed. Budget provisions for these improvements are INR 4.8 billion.

j) Implementation of integrated fare structure and Common Ticketing among existing as well as the proposed public transport systems in MMR has been recommended. The modality of implementation could be decided through separate consultancy.

k) The total cost of transport network for the horizon year 2031, 2021 and 2016 is INR 2,080, INR 1,640 and INR 1,340 billion respectively at 2005-06 prices. Alternative institutional arrangements have

been examined such as “Reinforcing the coordinating role of MMRDA” and “Establishing a new Unified Metropolitan Transport Authority (UMTA)”; and

l) The total infrastructure investment is proposed to be funded by 47% by private investment in PPP format, 12% by borrowings, 13% by SPV and 27% by Government own funds. This allows enough cushion to allow for uncertainties.

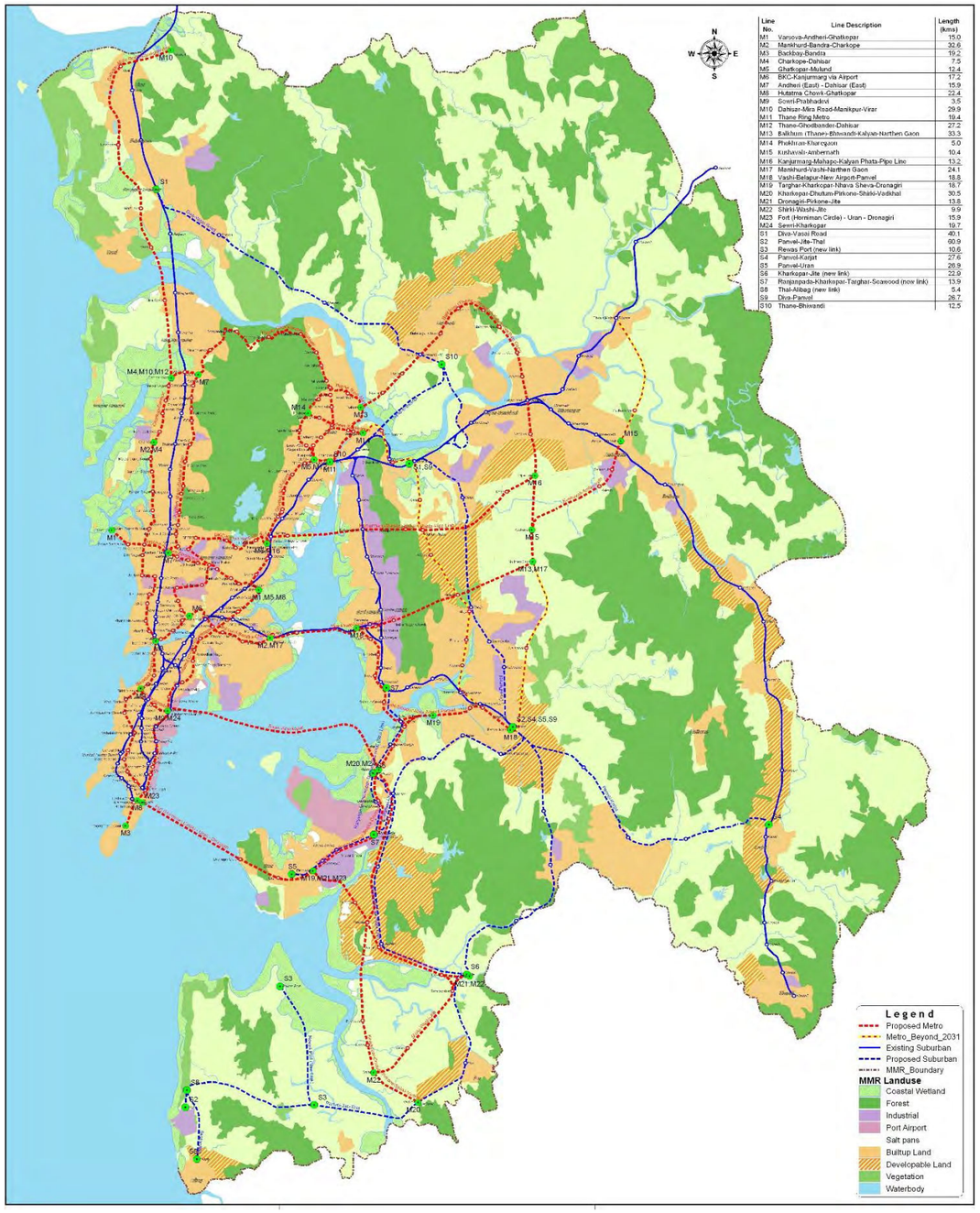

Figure 2: Recommended Transport Network -Transit for Horizon Year 2031

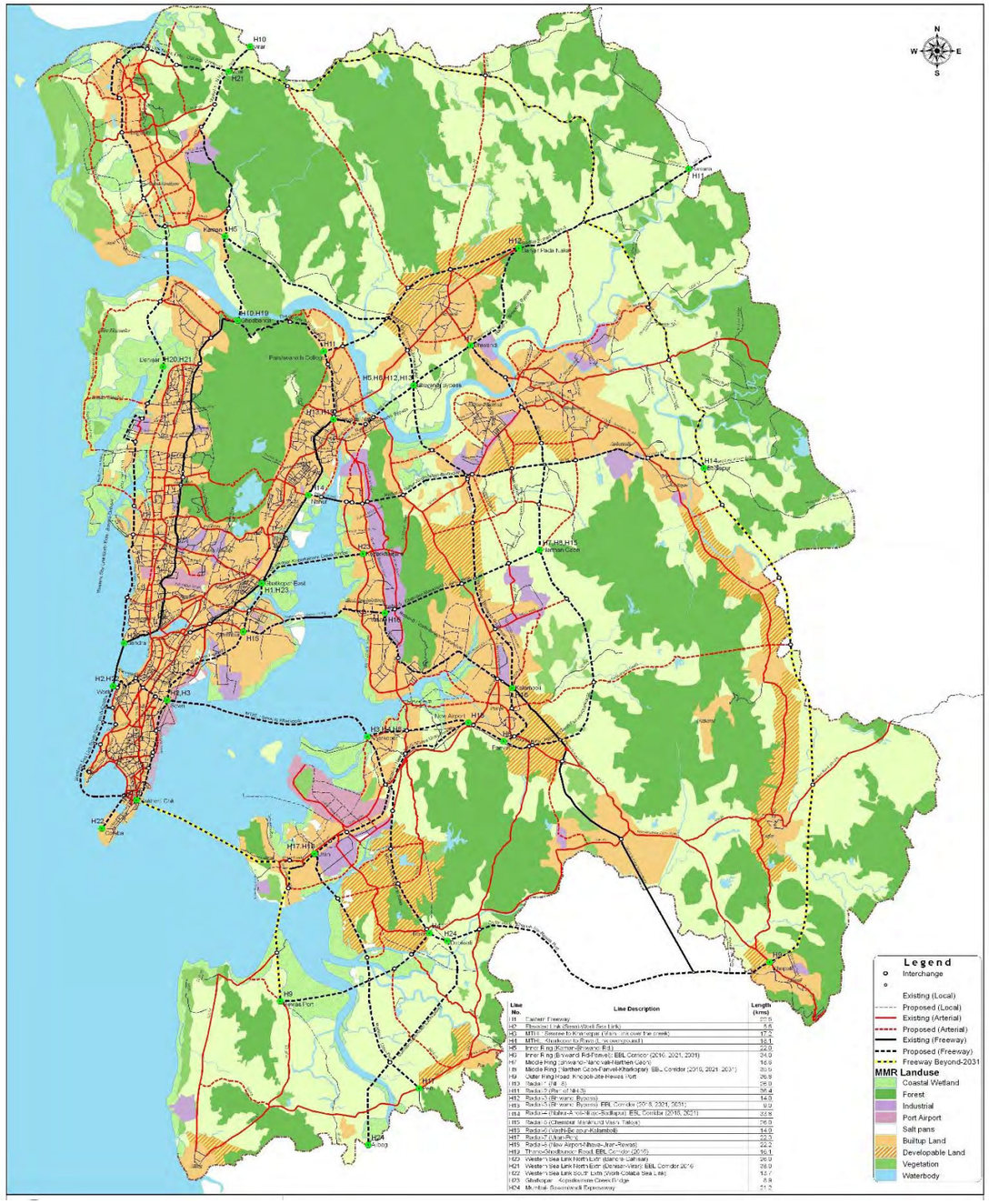

Figure 3: Recommended Transport Network -Transit for Horizon Year 2031

Annexure 1-2

Summary on Regional and Local Transport Connectivity Study for NMIA

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1.1 THE BACKGROUND

Mumbai Metropolitan Region (MMR) is one of the biggest and important metropolitan regions of India. Amongst number of transport infrastructural requirements to be developed in MMR new airport to meet air travel needs is an important one. City and Industrial Development Corporation of Maharashtra Limited (CIDCO), as part of its' efforts towards planned development of Navi Mumbai and to meet air travel needs of MMR and also that of larger region has evolved a plan to develop a major state-of-the-art international airport in Navi Mumbai.

CIDCO desires that committed efforts are required to be made, by all concerned within MMR, to develop efficient connectivity to the proposed airport both at local and regional level towards ensuring high accessibility to the potential users. This study focuses and finally recommends the corridors that are needed to be developed and improved towards enhancing the Regional and Local Transport Connectivity for the proposed Navi Mumbai International Air Port (NMIA).

1.2 THE MANDATE

Environment clearance for NMIA was given by MoEF in the month of November, 2010 which also emphasized the improvement of transport connectivity at regional as well local in view of the new Airport development. (vide specific condition 7.I.xviii, xix, xx).

The main objective of this assignment is to visualize the requirements of and plan for enhanced regional transport connectivity to the proposed Navi Mumbai International Airport. In addition, within the immediate Navi Mumbai area, local level assessment of transport network requirements is to be done for smooth traffic concentration and dispersal. With this backdrop, the objectives of the consultancy services are:

- Prepare enhanced regional transport connectivity in terms of roads, rail and water transport to Navi Mumbai Airport from other major strategic locations and transport corridors; and
- Review of various transportation projects planned by CIDCO and/or NMMC within Navi Mumbai and identification and analysis of public transport connectivity (metro/ mono rail/sub-urban rail/ BRTS) to the Navi Mumbai Airport from strategic locations within the Navi Mumbai area and integration with regional transport corridors.

The scope of services included the following two major aspects:

- Phase I: Enhanced Regional Transport Connectivity to Navi Mumbai International Airport;
- Phase II: Enhanced Local Transport Connectivity within Navi Mumbai Area

1.3 NAVI MUMBAI AIRPORT

MMR is massive in terms of its size with population exceeding 24 million (Year 2011). It is likely to be in the order of 34 million by 2031. It is also expected that workforce participation rate will go up and could reach 40-45% by 2031. This would mean the economic base will experience major transformation.

The existing airport (CSIA) accommodated about 29 MPPA (Million Passengers Per Annum) in 2010-11. For Mumbai, airport passenger projections are expected to reach 40 MPPA by 2015 and to about 80 MPPA by 2026. CTS recommended a second airport to meet the increasing demand. The Master Plan consultants of the NMIA have forecasted the annual passenger and cargo demand for MMR using various sources/methods. The forecasted total passenger demand for MIA and NMIA for the horizon

year 2031-32 is about 40 MPPA and 61.74 MPPA respectively. In all the most immediate influence region and potential users that would and/or likely to use will be from MMR.

The forecasts give indication of the scale and size of demand that need to be met by the two airports in MMR in the years to come. The split of demand for the operations of air ports will be taken as given in reports prepared by other detailed studies.

1.4 THE APPROACH

In undertaking this assignment, approach followed, in brief is given as under:

a) Review of Regional and Local Transportation Projects (sub-urban rail, metro, monorail, road, passenger water transport) as planned by MMRDA, MSRDC, CIDCO, MRVC, MTSU, NMMC, etc. in MMR in general and near Navi Mumbai International Airport (NMIA) in specific;

b) Review of Airport Connectivity based on some International and National Case Studies;

c) Preparation of Transport Networks for Horizon Years 2016, 2021 and 2031 based on CTS for MMR, Strategic Monorail Master Plan for MMR, DPRs for metro corridors, projects identified by various organisations, etc.;

d) Assessment of Travel Demand for the horizon years 2016, 2021 and 2031;

e) Evaluation and identification of alternative alignments for direct metro connectivity to Navi Mumbai Airport from the Island city as well as the existing Mumbai Airport, followed by assessment of Travel Demand on some of the select metro alignments for the horizon years 2016, 2021 and 2031;

f) Identification of sub-urban fast rail connectivity between Island City and Navi Mumbai and ridership estimates for the horizon years 2016, 2021 and 2031;

g) Assessment of traffic loading on the major regional road corridors providing connectivity to the NMIA including MMC for the horizon years 2016, 2021 and 2031;

h) Identification of water transport route at regional and city level for NMIA, including recommendation of institutional arrangements for water transport;

i) Assessment of passenger loading and traffic loading on the public transport corridors and highway/road corridors within 25 km radius from NMIA for the horizon years 2016, 2021 and 2031;

j) Based on the loadings, evolve proposals for improvements/up-gradations to the existing facility, for improving travel efficiency of passengers and goods;

k) Identification of bottlenecks in and around NMIA on the existing National/ State/ City/ Municipal roads followed by proposals on Traffic Management Measures for reducing the time taken for traffic dispersal at intersections. This includes suggesting grade separated intersections, as well as segregating the airport bound traffic from the rest;

l) Assessment of broad cost estimates and testing economic viability of the improvements; and

m) Phasing of local transport corridors/ improvements and evolving a Multi modal regional and local transport connectivity plan for NMIA, including evolving plan that is shared view of all the stakeholders.

1.5 EXISTING TRANSPORT CONNECTIVITY

The existing regional transport connectivity (both road and sub-urban rail) to the proposed NMIA is presented in Figure 1.

Figure 1: Existing Regional and Local Transport Connectivity: NMIA

1.6 POSITIONING NMIA IN PRESENT AND COMMITTED NETWORK

A fairly large number of proposals have been made by different implementing agencies towards improving the transport in MMR. The likelihood of them coming through is not known. A number of proposals have been taken up more seriously by the implementing agencies, and the merit in having these projects in reality has found ground. Therefore these projects have been taken up for implementation with commitment from the government in terms of budget allocation or otherwise. The list of committed transportation projects and status is presented in Table 1. All these projects put together, improve the transport connectivity to the NMIA to quite an extent. However, much has to be still done, to further improve the transport corridors leading to the proposed airport, both at the regional and local level.

Table 1: Committed Transport Corridors in MMR and Status

Corridor Description	Status
M1: Versova-Andheri-Ghatkopar Metro Corridor	Under Construction
M2: Charkope-Bandra-Mankhurd Metro Corridor	Under Construction
M3: Colaba-Mahim/Bandra Metro Corridor	Under Planning
Belapur-Taloja-Kalamboli-Khandeshwar Metro Corridor	Under Construction
Nerul-Seawoods-Uran Sub-urban Railway Line	Under Construction
MR: Sant Gadge Maharaj Chowk-Wadala-Chembur Monorail	Under Construction
Sion-Panvel Highway Improvement: BARC Jn. To Kalamboli	Under Construction
Aamra Marg, NH4B, NH4 Improvements along with Interchanges	Under Planning
Coastal Road: MTHL-NMIA	Under Planning
Eastern Freeway	Under Construction
Western Freeway: Worli to Nariman Point	Under Planning
MTHL: Sewri to Chirle on NH4B	Under Planning
Mumbai-Vadodara Spur in MMR: Virar to Panvel	Under Construction

1.7 CASE STUDIES – SOME HIGHLIGHTS

Quality of transport connectivity to airports with the parent city and the other nearby urban centres is a key to its success. All major airports have paid special attention to this aspect of local and regional transport connectivity at the planning stage. To appreciate this several major airports were screened and finally following cases are studied:

1. Beijing Capital International Airport, China;
2. Suvarnabhumi International Airport, Bangkok, Thailand;
3. Hong Kong International Airport;
4. Heathrow Airport, London, UK;
5. Frankfurt Airport, Frankfurt, Germany;
6. Los Angeles International Airport (LAX), Los Angeles, USA;
7. John F. Kennedy International Airport, New York;
8. Indira Gandhi International Airport, New Delhi, India;
9. Bangalore International Airport, Bangalore, India; and
10. Rajiv Gandhi International Airport, Hyderabad.

These cases provide insights to the best practices from the perspective of easy accessibility for residents and visitors. Major highlights of these airports are given below in Table 2, providing important statistics of the selected airports.

Table 2: Important Statistics of Selected Airports

Airport	Number of Runways	Site Area (Hectares)	Passengers (millions)	Direct Employment	Indirect Employment	Parking Spaces
Beijing (PEK)	3	2400	74.00	3200	500,000	11512
Hong Kong (HKG)	2	1255	50.90	60,000	N/A	3200
Bangkok (BKK)	2	3100	40.50	N/A	340,000	5000
Frankfurt (FRA)	3	2000	50.93	12081	N/A	15865
London (LHR)	2	1227	66.03	77000	170,000 (across UK)	34907
Los Angeles (LAX)	2	1386	61.00	59000	158,000	25000
JFK, NYC	4	1996	45.91	35000	230,000	18000
IGI, New Delhi	3	N/A	25.01	N/A	N/A	4300
Bangalore	1	N/A	N/A	N/A	N/A	N/A
RGI, Hyderabad	1+1	2186	N/A	N/A	N/A	N/A

Among all international examples, lowest passenger demand is at Bangkok's International Airport and highest is at Beijing. Most of the airports, except for the one at Frankfurt, create high employment opportunities – in excess of 50,000 in most cases. London's Heathrow has the smallest site area among all the airports, but is amongst one of the busiest airports.

1.8 TRANSPORT CONNECTIVITY OPTIONS

Discussion on the existing regional transport connectivity, metro corridors planned in Navi Mumbai, metro corridors under construction and projects under active consideration for implementation (like MTHL) as presented in the earlier sections and review of the case studies led to conceptualisation of preliminary regional transport connectivity for the proposed NMIA. With completion of Metro Line 1: Versova-Andheri-Ghatkopar and Metro Line 2: Charkope-Bandra-Mankhurd, combination of usage of metro and sub-urban railway system would provide fast transit connectivity from different parts of the region to proposed NMIA. This is illustrated in Table 2. Development of airport and regional scale

transport infrastructure takes time as they need huge capital investments. Hence, preliminary transit options have been developed which may be implemented incrementally.

For micro level assessment of capacity enhancements to the existing road network, additional links, traffic management measures, etc., an area surrounding the NMIA location within a radius of about 8 kms along the roads has been delineated. This area has been divided into the following sectors for preparation of the local transportation connectivity concept plans:

- NMIA South/West Sector
- NMIA North Sector
- NMIA East Sector

1.9 UPDATION OF PLANNING PARAMETERS

Travel demand assessment is done by updating the planning parameters established for CTS. This has formed input in establishing the need and then planning of enhanced regional and local transport connectivity. Planning parameters and travel demand are assessed for the horizon period 2031.

1.10 TRAVEL DEMAND ASSESSMENT DUE TO NMIA

1.10.1 Introduction

In CTS, assessment of internal passenger travel demand for the horizon period was carried out using travel demand models. Although CTS models did not consider the travel demand due to special generators like airports, hotels, inter-city bus terminals, rail terminals etc. explicitly, they have been calibrated and validated using the ground counts (which includes all kinds of traffic).

Generally, the travel demand due to special generators would be insignificant as compared to the internal travel demand. It is expected that, about 0.45 million trips/day will be generated from the proposed NMIA due to air passengers (estimated based on 60 MPPA by 2031), airport related employment and non-airport related employment (assessed in the present study). The details are presented in the following sections. During morning peak period (6:00 to 11:00 hrs) this translates to about 0.15 million trips. The internal passenger travel demand estimated for the horizon year 2031 during the morning peak period (MPP) is about 10.08 million. The generated passenger trips during MPP in the year 2031 is about 1.5% of the total internal passenger travel demand. However, in the present study, an attempt is made for assessment of travel demand that is generated due to the proposed NMIA for following reasons:

- air passenger movement;
- airport related employment; and
- non - airport related employment.

In addition, the mode-choice of the air passengers would be very different from those of others. Attempt also has been made with respect to assessment of mode choice of the air passengers. The approach adopted for this is as follows:

- Assessment of the air passenger trips based on LBG study on Master Plan for NMIA and distribution of the trips at cluster level and then at TAZ level including by mode based on the population, employment distributions, travel patterns of air passengers observed in the year 2006;
- Assessment of the airport employment and airport related employment separately; and

- Estimation of the trip productions and attractions due to airport employment and airport related employment using trip generation equations developed in CTS for MMR and appropriately adding to trip ends. The EMME modelling process takes care of distribution, mode-choice and assignment stages of horizon year modelling exercise.

1.10.2 Assessment of NMIA Air Passenger Demand

On a typical day, air passenger movements at CSIA as observed in 2006 is presented in Table 3. Currently the total passenger movement per day is about 50,000. The ground side number of passenger movement which matter for transport network analysis is about 30,600 passengers per day. This is illustrated in Figure 2.

Table 3: Typical Day Air Passenger Movements- 2006: CSIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Mumbai	8,800	8,800	17,600	17,600	17,600
Transfer Domestic	3,500	3,500	7,000	3,500	
Transfer Int.	2,700	2,900	5,600	2,700	
Sub-Total	**15,000**	**15,200**	**30,200**	**23,800**	
International					
Mumbai	6,500	6,500	13,000	13,000	13,000
Transfer Domestic	2,900	2,700	5,600	2,900	
Transfer Int.	600	600	1,200	600	
Sub-Total	**10,000**	**9,800**	**19,800**	**16,500**	
Total	**25,000**	**25,000**	**50,000**	**40,300**	**30,600**

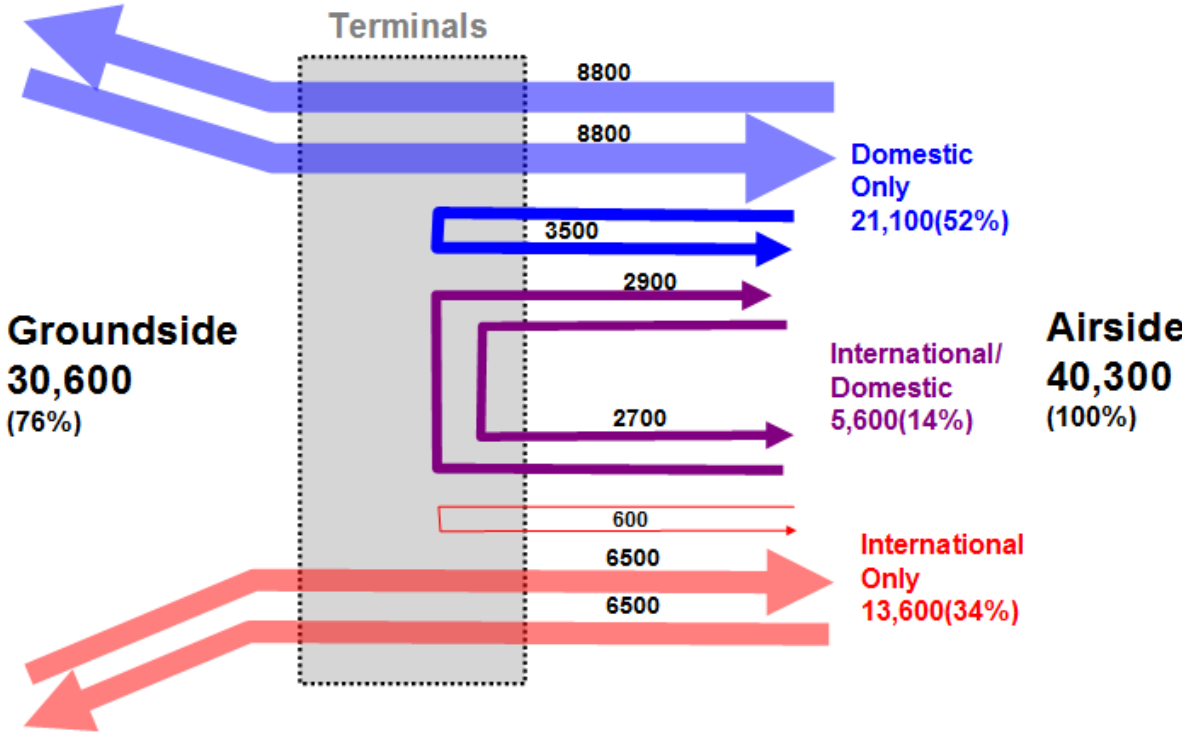


Figure 2: Assessment of Airport Passenger Movement in a Typical Day: CSIA (Year 2006)

Air passenger forecast for the horizon year 2031 for entry/exit to/from the terminals of NMIA is assessed at three levels Low, High and Medium, based on level of transfer passenger from International to Domestic terminal and vice versa (as the transfer passengers do not come outside terminal areas) and these figures are 98,053 passengers/day, 124,078 passengers/day and 110,555 passengers/day, respectively (Figure 3).

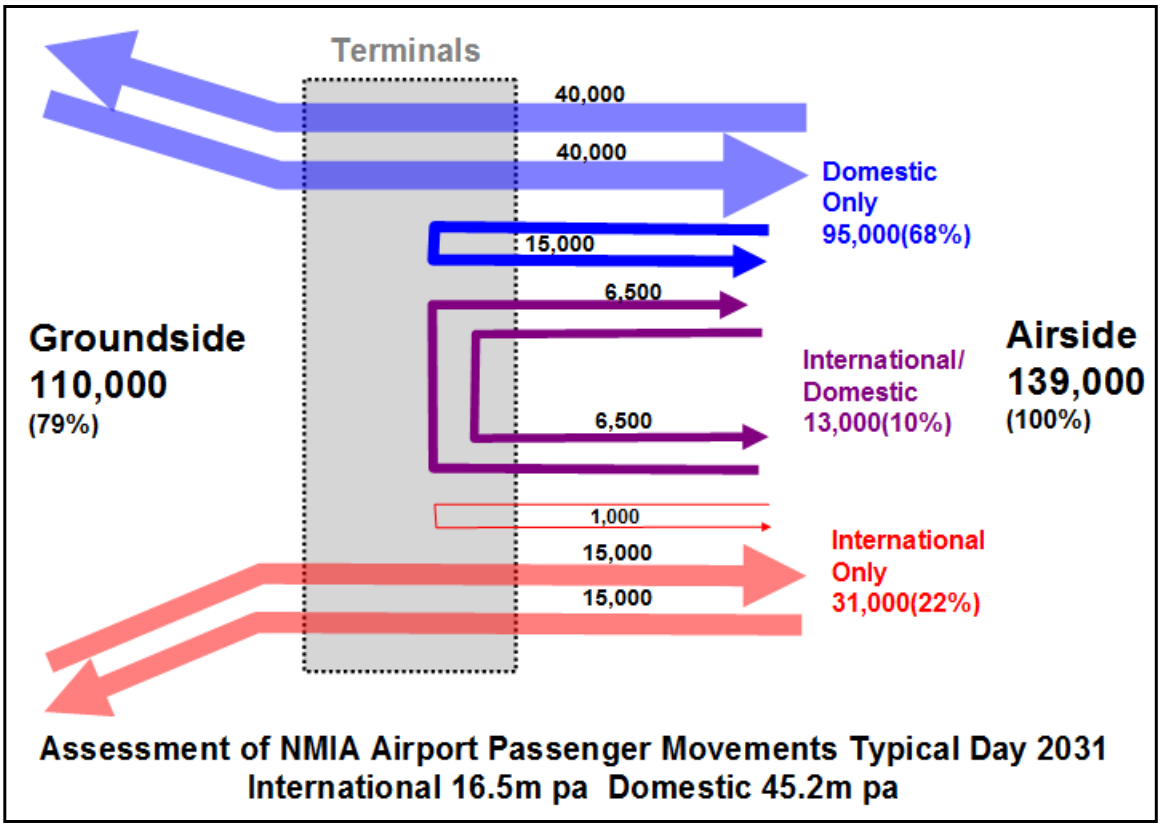


Figure 3: Assessment of Airport Passenger Movement on a Typical Day: NMIA (Year 2031)

1.10.3 Distribution of NMIA Air Passenger Demand

Ground side air passenger demand, as assessed, is distributed across different clusters of the region. In doing so the following alternative options are studied:

- Alternative 1: Ground Movement of Air Passenger Travel Pattern (Departure) based on Air Passenger Survey 2006 (CTS for MMR);
- Alternative 2: 2031 passenger distribution based on existing passenger origin and destination patterns adjusted for population and employment growth (Modified P3E3);
- Alternative 3: 2031 air passenger travel, based on combined population + employment distribution (Modified P3E3); and
- Alternative 4: 2031 air passenger travel, based on combined apartment population (factored by income index) + 10% office employment (Modified P3E3)

Ground Movement pattern of Air Passenger Travel (Departure) based on Air Passenger Survey 2006 (CTS for MMR) is presented in Figure 4 to understand the travel pattern.

After having arrived at the outputs of the above alternatives, the patterns emerging from them are studied and compared. It is observed that, the Alternatives 1 and 2 heavily represent the existing air passenger pattern (2006), whereas, Alternative 3 represents future population+ employment distribution. Alternative 4, however, falls more or less in between the other alternatives, as it relies on

population living in apartments and some weight is applied to the office employment (these factors generally are the variables which may decide the air passenger travel origins/ destinations). All of these four alternative distributions were presented to the MTSU/ CIDCO/ MMRDA officials and it was decided that Alternative 3 should be adopted for further analysis.

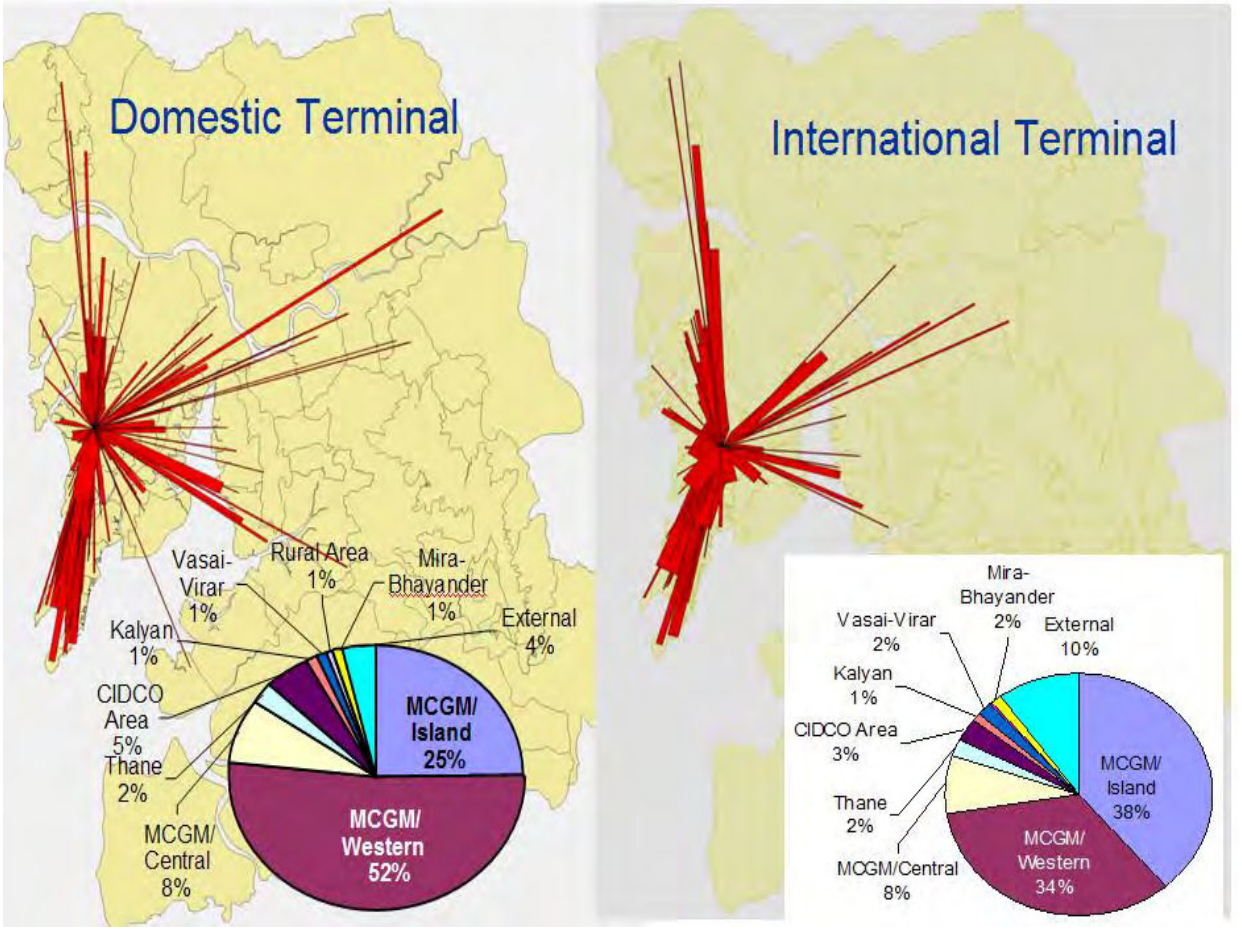


Figure 4: Ground Movement Pattern of Air Passenger Travel (Departure) - Air Passenger Survey 2006 (CTS)

Passenger Trip Generation from NMIA and Mode Choice for air passengers, airport employment and airport related employment is presented in Figure 5. It can be seen that the trips generated/day from air passengers is about 24% and passenger trips/day generated from airport employment and airport related employment is about 76%. Estimated air passenger two way trips during morning peak period is assessed to be 40,000. The estimated airport employment and airport related employment (assessed based on similar size of international airports handling similar capacities) is expected to be about 71,000 and 1,00,000 by 2031 respectively. Approximate number of motorised trips generated due to this employment per day will be about 3,42,000 per day. The estimated morning peak period trips will be about 1,20,400 i.e. 0.12 million.

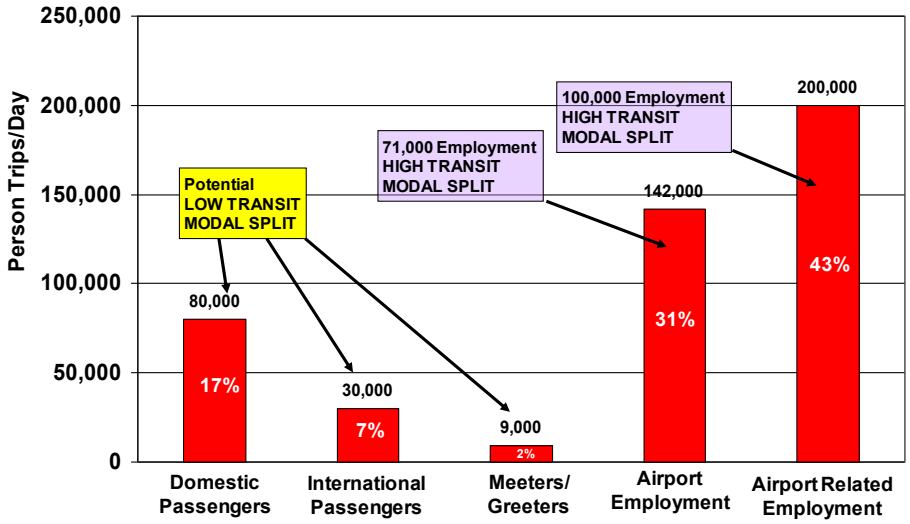


Figure 5: Passenger Trip Generation from NMIA and Mode Choice-Air passengers, Airport Employment and Airport Related Employment

1.10.4 Overall Internal Passenger Travel Demand Assessment

Overall travel demand assessed as per the modified P3E3 scenario, for the Morning Peak Period i.e. 6:00 to 11:00 hrs for the year 2031, for air passenger, airport employment and airport related employment, as explained in the above sections is assessed to be about 0.16 million which is about 1.6% of the total travel demand.

1.10.5 Passenger/Traffic Loadings on Major Regional Metro and Highway Corridors

Analysis has been undertaken for route wise passenger section loadings for assessment of transit corridor requirements/ alternative mass transportation technologies (metro/monorail/BRTS/EBL), improvement proposals in case of highway corridors, inputs for economic analysis of the corridors, etc. Morning peak hour PHPDs on major public transport corridors (sub-urban, metro and monorail corridors) and major regional highways for the horizon year 2031 is presented in Table 4.

Table 4: Morning Peak Hour PHPD and Traffic Volumes on Major Public Transport Corridors - 2031

Sl. No.	Mode	Corridor	PHPD or PCUs/hr	
			2021	2031
1	M	Ghatkopar-Mankhurd-Vashi-NMIA-Panvel	22,100	25,900
2	M	Colaba-Siddhivinayak-Sewri-Kharkopar-NMIA	19,300	29,150
3	S	CST-Panvel Harbour Line	30,900	32,700
4	H	Sion-Panvel Highway	4,890	6,660
5	H	Mumbai Trans Harbour Link (Road)	2,935	5,700
6	H	Eastern Freeway	6,950	7,900
7	H	Virar-Alibaug MMC: Road	3,050	5,480
8	M	Virar-Alibaug MMC: Metro	7,300	15,400
9	H	Mumbai-Vadodara Expressway Spur in MMR: Virar-Panvel	2,180	3,020
10	M	Thane-Belapur Phata	13,100	18,200
11	MR	Kalyan-Mhape	18,700	22,600
12	MR	Mhape-Vashi	4,100	
13	S	Thane-Vashi	29,000	30,000
14	S	Vasai-Diva	21,800	22,300
15	S	Diva-Panvel	21,300	21,500
16	S	Panvel-Uran	25,800	15,400
17	S	Panvel-Karjat	10,790	14,150

S: Sub-urban, M: Metro, MR: Monorail, H: Highway

Prima facie, the proposed transit network and highway network have got reasonable loadings which rationalise the proposed systems (metro/ monorail), widening of existing roads, grade separation of major intersections, etc. However, it is pertinent to mention here that, all the proposed transport corridors may not come-up simultaneously as authorities may generally take implementation of few corridors at a time depending on the requirements, availability of funds, obtaining the necessary clearances, etc. The section loadings on transit corridors and traffic loadings on road/ highway corridors depends on demand (assessed based on forecasted population and employment and their distribution) and supply (transport network and their characteristics). Hence, for relatively accurate results, specific DPRs should be carried out by each proposed project.

1.11 ENHANCED REGIONAL TRANSPORT CONNECTIVITY TO NMIA

1.11.1 Enhanced Metro Regional Connectivity between Suburbs of Greater Mumbai and Navi Mumbai

To enhance the regional connectivity by metro, additional metro corridor between Mankhurd and Ghatkopar has been proposed and this corridor will be extended upto Panvel via NMIA, thus providing a fast metro connectivity between eastern suburbs of Greater Mumbai and Panvel. Versova-Andheri-Ghatkopar metro corridor and Charkope-Bandra-Mankhurd metro corridors which are under implementation would further provide connectivity to western suburbs of Greater Mumbai. This alignment with one transit transfer, commuters/ air passengers from eastern suburbs of Greater Mumbai and Thane can access the proposed NMIA and with two transfers (DN Nagar or WEH and Ghatkopar), the commuters from western suburbs can access the proposed NMIA. The metro corridor from Ghatkopar to Panvel via Mankhurd, Vashi and proposed NMIA is shown in Figure 6. It is pertinent to mention here that, the corridor can be extended from Ghatkopar to WEH which is about 9.3 km long to have a single transfer for the commuters/ air passengers coming from western suburbs of Greater Mumbai using the metro line Andheri-Dahisar planned along the Western Express Highway.

The Ghatkopar-Panvel metro corridor is proposed to be implemented in phases considering the need, ongoing implementation of two metro corridors, starting of NMIA operations, planning jurisdictions, etc. and the details are as follows:

- **Phase I (2012-2015): Mankhurd to Panvel providing connectivity to Vashi, Belapur, NMAI and Panvel. This will be an extension of M2: Charkope-Bandra-Mankhurd metro corridor;**
- **Phase II (2013-2015): Ghatkopar to Mankhurd providing connectivity between M1: Versova-Andheri-Ghatkopar and M2: Charkope-Bandra-Mankhurd; and**

The metro corridor from Ghatkopar to Panvel via Mankhurd, Vashi and proposed NMIA is shown in Figure 6. Overall length of the proposed metro corridor between Ghatkopar and Panvel is about 36.4 km. Alignment description is as follows:

- Ghatkopar to Mankhurd: Length: 6.65 km (Underground: 2.55 km and Elevated: 4.1 km)
- Mankhurd-Panvel: Length: 29.75 km (Elevated: 25.75 km and Sea Link: 4.0 km)

Ghatkopar to Mankhurd is a new alignment, which is not proposed in CTS and from Mankhurd to Panvel the alignment of metro is more or less as per CTS. The description of the alignment is as follows:

The alignment starts from Ghatkopar metro station of M1: Versova-Andheri-Ghatkopar Metro Corridor and runs as underground section upto the intersection of Easter Express Highway (EEH) and Ghatkopar-Mankhurd Link Road (GMLR). The total length of Underground section is expected to be about 2.55 km.

From the intersection of EEH and GMLR to Mankhurd it will be an elevated section and length is about 4.1 km. From Mankhurd to Vashi, the alignment will run across Thane creek, south of existing Mankhurd-Vashi railway bridge. From Vashi to NMIA, the alignment will run along the Palm Beach Marg and Amra Marg as an elevated section. From NMIA to Panvel the alignment will be parallel to the Vashi-Panvel sub-urban railway line and this section is proposed partially elevated and partially at-grade. The overall length of elevated, creek bridge and at-grade sections would be about 36.40 km.

With one transit transfer, the enhanced regional connectivity will be as follows:

- Commuters/ air passengers originating from western suburbs located west of western railway line can catch M2 and get transfer at Mankhurd to reach NMIA/ Panvel;
- Commuters/ air passengers originating from Thane and using Teenhath Naka-Wadala metro can get transfer at Chheda Nagar to reach NMIA/Panvel;

With two transfers, the enhanced regional connectivity will be as follows.

- Commuters/ air passengers originating from western suburbs located east of western railway line can catch M7: Andheri-Dahisar and get transfer at WEH and catch Versova-Andheri-Ghatkopar metro corridor and transfer at Ghatkopar to reach NMIA/ Panvel;
- Sub-urban commuters/ air passengers originating from western suburbs can take transfer at Andheri and catch Versova-Andheri-Ghatkopar metro corridor and transfer at Ghatkopar to reach NMIA/ Panvel.

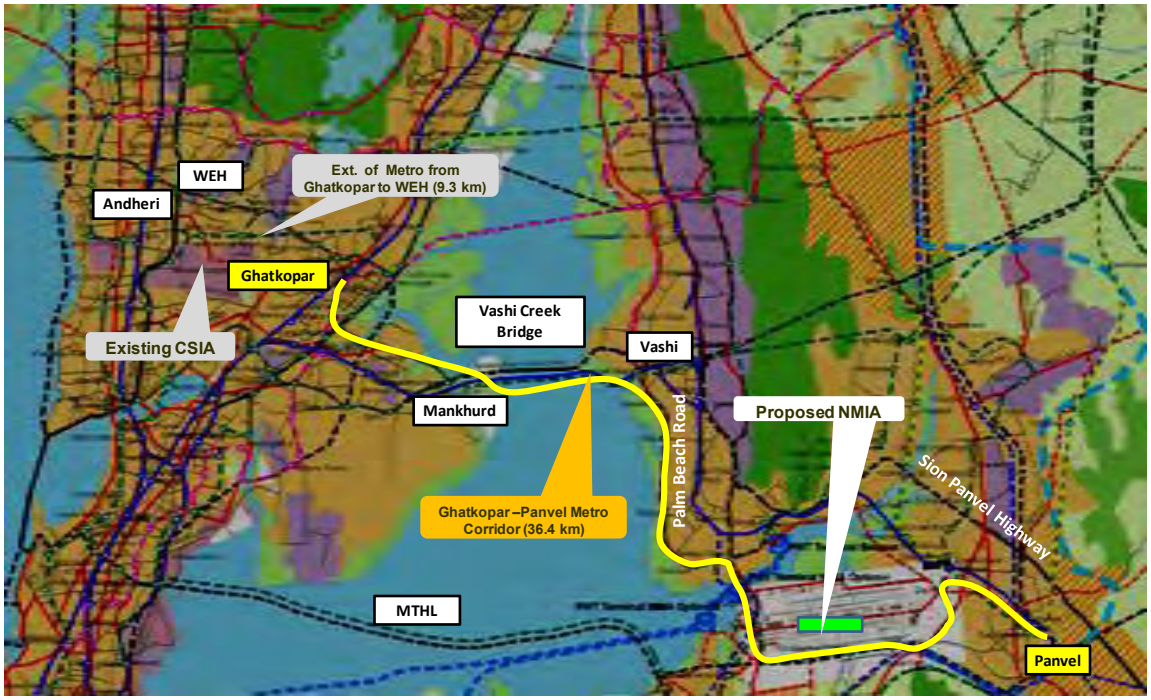


Figure 6: Alignment for Metro Corridor from Ghatkopar to Panvel

1.11.2 Metro Connectivity between Island City and Navi Mumbai Airport

It is pertinent to mention here that, the metro corridors identified as part of Mumbai Metro Master Plan for Greater Mumbai have been considered in CTS for the analysis. Further metro extensions into the regions have been proposed as part of CTS based on the existing and proposed land uses. Hence, the previous transportation plans including CTS did not propose any direct metro connectivity from different sub-regions of MMR to proposed NMIA. However, CTS proposed metro transport network provides

metro connectivity between Island city and NMIA and Panvel through a combination of the following corridors and these are shown in Figure 7.

- M3: Colaba-Mahim/Bandra
- M9: Siddhivinayak-Sewri
- M24: Sewri-Kharkopar (along MTHL)
- M19: Targhar-Kharkopar-Nhava Sheva-Dronagiri
- M18: Vashi-NMIA-Panvel

Figure 7: Metro Connectivity between Island City and Navi Mumbai: CTS for MMR

The above mentioned corridor will require about 2 to 3 transfers to reach from the Island City to NMIA depending on metro route operations from different places. For direct connectivity i.e. without transfers, there should be a feasibility of metro intersecting other metro lines at different levels, while at the same time integrating with each other. This can be studied while undertaking DPR of metro corridors. If this is feasible, direct connectivity from Island to NMIA and further to Panvel is shown in Figure 8. This metro route has been coded in EMME for analysis of passenger loading and ridership analysis.

Figure 8: Metro Connectivity between Island City and Navi Mumbai

1.11.3 Sub-urban Frail Connectivity between Island City and Navi Mumbai

Central Railway provides sub-urban services between Island city and Navi Mumbai through harbour line. Section wise capacity and present utilisation during peak hour of CST-Wadala and Wadala-Vashi-Panvel are presented in Table 5. It can be inferred that, spare capacity is available only on Wadala-Vashi-Panvel section i.e. additional 6 trains can be operated at 3.5 minutes interval between Wadala to Panvel within available capacity.

Table 5: Fast Rail Connectivity between Island City and Navi Mumbai

Section	Sectional Capacity		Present Utilization peak hr	
	Trains per hr	Passenger Capacity PHPD	Trains per hr	Passenger Capacity PHPD
CST to Wadala	17	60,000 to 78,000*	17	60,000
Wadala – Vashi - Panvel	17	60,000 to 78,000	11	42,000

"" Present normal carrying capacity is 33,000 PHPD. With signal re-spacing, the capacity can be increased to 60,000 PHPD and with operation of 12 coach rakes, the capacity can be further enhanced to 78,000 PHPD.*

Sub-urban passenger growth originating from and destined to Navi Mumbai during the period 2003-2008 is presented in Table 6. The CAGR observed during 2003-2008 is about 6.5%.

Table 6: Sub-urban Passenger Growth Originated and Destined to Navi Mumbai

Year	Passengers in Lakh	% growth
2003-04	5827	-
2004-05	6065	4.08
2005-06	6318	4.17
2006-07	7531	19.21
2007-08	7976	5.91

Sub-urban passenger section loadings along Mankhurd-Vashi assessed by MRVC is presented in Table 7. It can be inferred that, the passenger demand on Mankhurd-Vashi section will cross its capacity (78,000 PHPD) between 2016 and 2021 which necessitates capacity augmentation. It is pertinent to mention here that, with CTS proposed metro corridors the sub-urban loadings will gets distributed. CTS has proposed Mankhurd-Vashi-Panvel, Vashi-Narthengaon metro corridors. The metro corridor would provide an addition capacity of 40,000 PHPD. Thus, the sub-urban and metro corridors together would

be able to provide a capacity of about 1,00,000 PHPD (60,000 PHPD by sub-urban and 40,000 PHPD by metro). Implementation of metro corridors generally takes considerable time. Hence, capacity augmentation by providing additional sub-urban tracks would be relatively better option to begin with and metro corridor would further enhance the capacity. The additional pair of sub-urban railway line can be shared with inter-city trains.

Table 7: Sub-urban Passenger Section Loadings: Mankhurd-Vashi Section

Year		2016	2021	2031
Daily passengers	UP	7,20,507	7,96,445	9,05,167
	DN	7,15,450	7,96,028	9,08,477
% in a peak Hour to daily		9.30%	9.30%	9.30%
PHPDT		67,000	82,600	89,780

Source: MRVC

Anticipating huge population and employment growth in Navi Mumbai and surrounding areas and upcoming NMIA, MRVC is planning a fast sub-urban railway corridor from CST to Panvel (length about 49 kms). Index Map showing the alignment of CST-Panvel fast Sub-urban Corridor is shown in Figure 9. This corridor being proposed as a fast corridor, will be able to reduce the travel time between Island city and Navi Mumbai in addition to providing additional capacity. In addition, the same lines can be shared by inter-city trains.

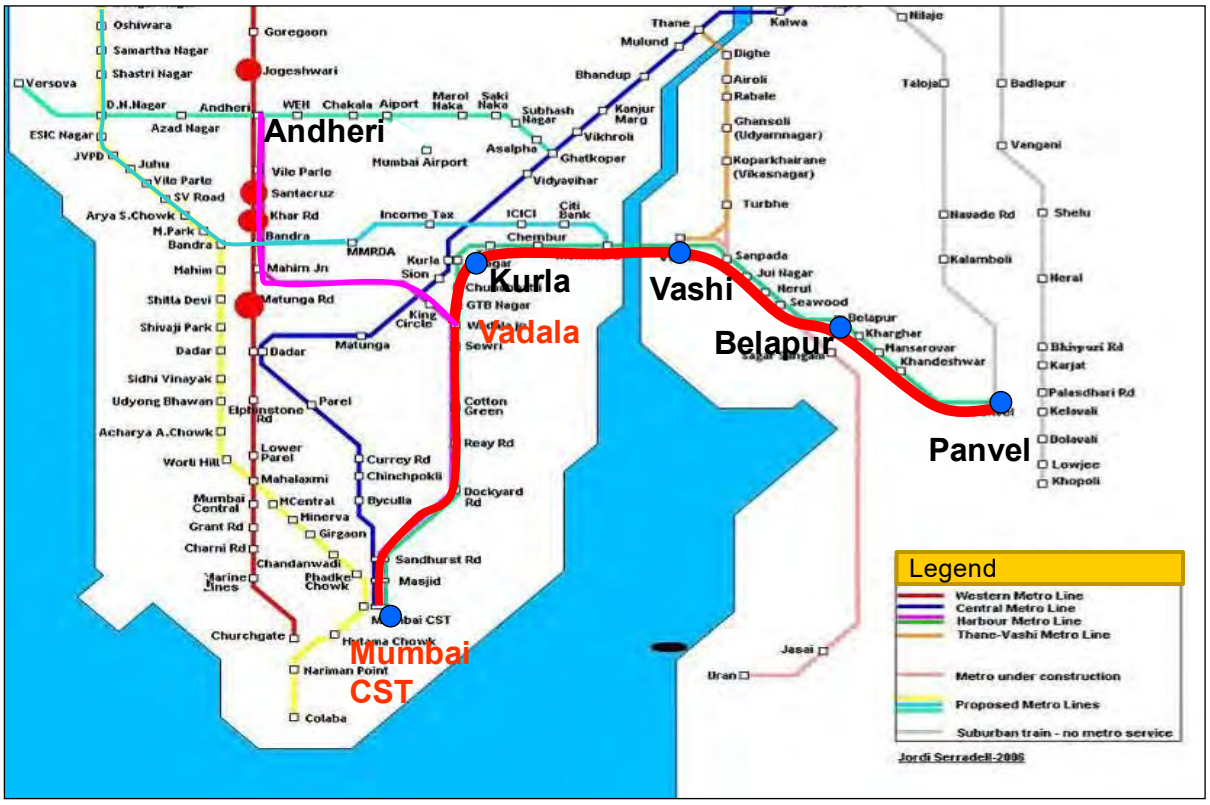


Figure 9: Index Map showing the Alignment of CST-Panvel Fast Sub-urban Corridor

MRVC has carried out in-house preliminary feasibility studies for the proposed fast corridor between CST and Panvel and identified the following alternative alignments considering RoW availability, connectivity to the existing sub-urban stations, existing landuse, and evaluation is under progress.

- **Alt 1:** Throughout elevated along the Harbour line from CST to Mankhurd and thereafter at surface up to Panvel.
- **Alt 2:** Underground along the Harbour line from CST to Mankhurd and thereafter at surface up to Panvel

- **Alt 3:** Underground via Harbour line from CST to Cotton Depot area in MbPT and thereafter at surface up to Panvel
- **Alt 4:** Underground via P D Mello Road from CST to Cotton Depot and further at grade
- **Alt 5:** Elevated along P D Mello Road from CST to Cotton Depot and than at Surface up to Panvel
- **Alt 6:** Elevated along Port Road from CST to cotton Depot and further Surface up to Panvel

Brief description in terms of feasibility/ constrains are presented in Table 8.

Table 8: Brief Description of Alternative Alignments: CST-Panvel Fast Sub-urban Corridor

Description	Feasibility/ Constraints
Alt 1: Throughout elevated along the Harbour line from CST to Mankhurd and thereafter at surface up to Panvel	• Difficulty of approach at work location • Difficult to find location for erecting Piers between CST to SNRD • No space for stabling construction equipment & material in the ROW between CST to SNRD • Difficult to get Power (OHE)/ traffic blocks for execution • Erection difficulties due to OHE Web, specially between CST to SNRD
Alt 2: Underground along the Harbour line from CST to Mankhurd and thereafter at surface up to Panvel	• Vacant land is available at CSTM and after Mankhurd station for lunching of TBM • Land available for ramp to come at grade from Underground after Mankhurd station • No high rise buildings and towers at Underground portion
Alt 3: Underground via Harbour line from CST to Cotton Depot area in MbPT and thereafter at surface up to Panvel	• Vacant land is available at CSTM and Cotton Depot area for TBM lunching • Land available for ramp to come at grade from Underground in BPT area near Cotton Depot • No high rise buildings and towers at Underground portion • Cost of construction is high & Land Issue with BPT
Alt 4: Underground via P D Mello Road from CST to Cotton Depot and further at grade	• Vacant land is available at CSTM and Cotton Depot area for TBM lunching • Land available for ramp to come elevated from Underground in BPT area near Cotton Depot • No high rise buildings and towers at Underground portion • Cost of construction is high & Land Issue with BPT
Alt 5: Elevated along P D Mello Road from CST to Cotton Depot and than at Surface up to Panvel	• One of the best possible alternative • Land issue in BPT area for elevated portion
Alt 6: Elevated along Port Road from CST to cotton Depot and further Surface up to Panvel	• One of the best possible alternative • Land issue in BPT area for elevated portion

The evaluation of alternative alignment lead to picking Alternative 5 as the best option for implementation.

Proposed halt station on the identified fast track corridor is as follows:

- CST : Starting station
- Vadala : Integration with Western Railway Line
- Kurla : Integration with Central Railway & Metro II line
- Vashi : Important Station in Navi Mumbai
- Sanpada : Intigration with Panvel-Thane line
- Nerul : Integration with Nerul-Uran suburban line
- Belapur : Important station & CBD
- Khandeshwar : International Exhibition Centre
- Panvel : Terminal Station

The halt stations for the CSTM-Panvel fast sub-urban corridor need to be finalised during the preparation of DPR study. In addition, feasibility of sharing the corridor for intercity/ long distance trains need to be studied in DPR stage.

The estimated cost for the corridor range from Rs. 1,300 crores to Rs. 7,050 crores @ 2008-09 prices (Alternative 5 and Alternative 2 respectively). MRVC has suggested a cost of about Rs. 4,200 crores @ 2010-11. As these figures are based on preliminary analysis, the actual cost may vary. However, for the

analysis purpose, the overall cost that could be considered is about 3,000 crores @ 2010-11 prices considering the possibility of underground sections.

The way forward for early implementation of the project is as follows:

- Coordinate with the Ministry of Railways and State Government to include this project in Phase III of MUTP Plan; and
- To prepare DPR for the proposed Fast Track corridor.

1.11.4 Sion Panvel Highway

Sion-Panvel highway is one of the busiest and most important roads in the Mumbai Metropolitan Region and connects the city with NH4. Sion Panvel highway from BARC Junction (Km. 140 / 690) to Kalamboli Junction (Km. 115/800) is about 25 km in length and the alignment is shown in Figure 10. MSRDC/ PWD have carried out the necessary studies for improvement of the corridor. CTS also has proposed Sion-Panvel Highway from the intersection of Eastern Freeway x VN Purav Marg to Kalamboli (Figure 11) as higher order access controlled highway.

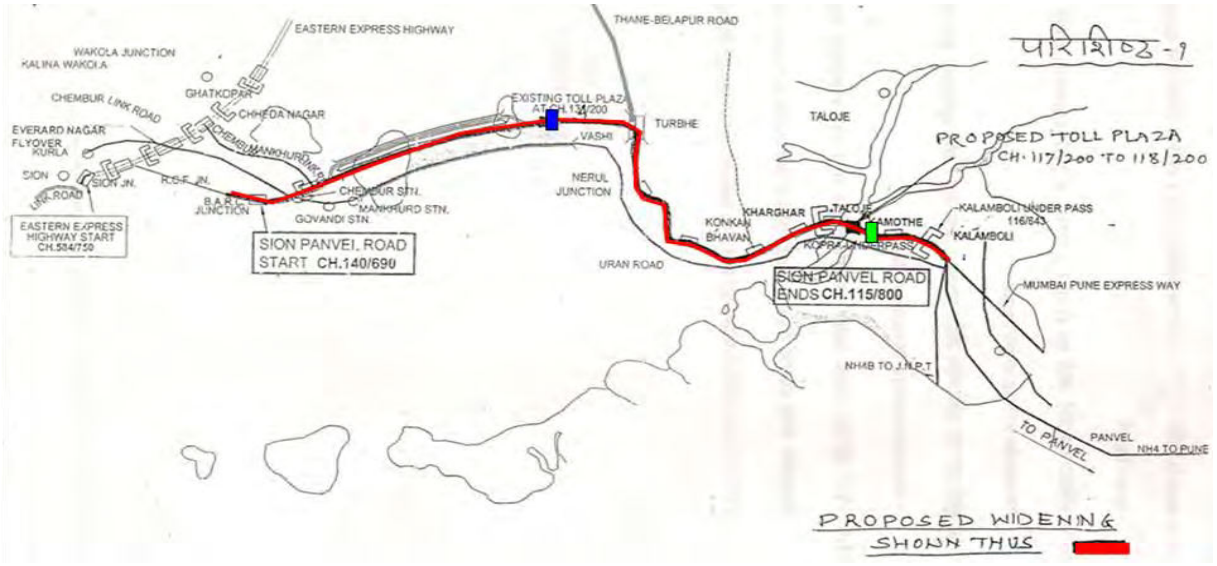


Figure 10: Alignment of Sion-Panvel Highway from BARC Junction (Ch. 140/690 km) to Kalamboli (Ch. 115/800 km)

Figure 11: Alignment of Sion-Panvel Highway on CTS for MMR Transport Network

As per MSRDC/ PWD sources, the salient features of the project (Widening and Improvement of Sion-Panvel Highway) are as follows:

- The project consists of widening of existing bituminous road to 5+5 lane with concrete pavement and Central 3+3 lanes to be access controlled. The Service Roads (2+2 lanes) to be provided whenever required for about 6.29 Km length;
- Three new flyovers: Uran Junction, Sanpada Junction & Kamothe Junction;
- Duplication of flyovers at Taloja and CMLR junctions;
- Pedestrian crossing Underpasses at 10 locations and Foot over Bridges at 3 locations;
- Geometric and Junction improvements as per standards;
- Toll plaza at Vashi to be upgraded to 8+8 lanes;
- Toll plaza at Kamothe
- Landscaping / Beautification of entire project corridor;
- Renovation / upgradation of existing flyovers, structures; and
- Electrification of entire project corridor.

Following an international competitive bidding by the state government, the consortium of IVRCL and Kakade Infrastructure Pvt Ltd. (KIPL) was awarded the project. IVRCL, through its asset holding subsidiary company IVRCL Assets & Holdings Ltd and KIPL, incorporated Sion Panvel Tollways Pvt. Ltd (SPTPL), a special purpose vehicle, to implement the project. SPTPL has executed the concession agreement with the Maharashtra government for a concession period of 17 years 5 months, which is inclusive of the construction period. The project, being taken up with an outlay of INR17,060 million, would be funded through a senior debt of INR 12,990 million while the balance would come in through a combination of equity and internal accruals. IVRCL has achieved financial closure for the project in May, 2011.

1.11.5 Mumbai Trans Harbour Link (MTHL)

The proposed Mumbai Trans Harbour Link ('MTHL') which connects Sewri (in Island city of Mumbai) to Nhava Sheva (Main land) has been planned with the basic objective of a) Development of Mainland and reducing pressure on Mumbai City; b) Facilitate decongestion efforts by Improving connectivity between Island city and main land. The alignment of MTHL is presented in Figure 12. The project consists of construction of a bridge across the Mumbai Harbour connecting interchanges at both ends. The total length of the link will be 22 km and will consist of approach roads, viaducts on inter-tidal zone, bridge across the harbour and interchanges at Sewri and Chirle. There were attempts in the past to invite the bids in 2004 on BOT basis and in 2008 on a design build contract basis. In 2009, it was decided to implement the project on a PPP basis under VGF scheme of Government of India (GOI) for which in-principle approval from GOI was received in April, 2009.

MMRDA envisages a Road – cum – Metro Bridge comprising of 6 lane of Road Bridge with provision for a twin track Metro. Separate Feasibility Studies/ DPRs for a 6 lane of Road Bridge, road dispersal system and Metro have already been prepared. Now, the present assignment envisages providing holistic and integrated planning for MTHL road cum metro bridge and dispersal system on both island and main land sides. MMRDA had invited bids for consultancy services from consultancy firms having international experience and competence in May, 2011. The objective of this assignment is to update the techno-economic feasibility carried out earlier, assist MMRDA in bid process management and provision of complete transaction advisory services for the proposed Mumbai Trans Harbour Link (MTHL) on a suitable PPP structure. The study is expected to be completed by end of 2012. MTHL along with Eastern Freeway (which is under construction) on Island city side and existing & planned new roads (ex. Coastal road) on Main land side would provide fast connectivity to proposed NMIA. This corridor has been coded in EMME for analysis of the traffic loadings and analysis.

1.11.6 Virar-Alibag Multi Modal Corridor (MMC)

One of the major recommendations of CTS was the concept of development of Multi-Modal Corridors (MMC) in MMR. MMRDA has planned Multi-Modal Corridor from Virar to Alibag (about 140 km) following the existing as well as the proposed highway corridors to provide a faster connectivity with the ULBs located outside Greater Mumbai and increase the faster accessibility to inter-city freight traffic. MMRDA initiated the detailed feasibility study for the MMC corridor and the study is in progress. Metro route has been coded in EMME for analysis of section loadings, ridership estimates, etc.

1.11.7 Mumbai-Vadodara Expressway Spur in MMR - Virar to Panvel

The alignment of Mumbai-Vadodara Spur in MMR planned by NHAI which starts in Virar and ends in Panvel. This corridor has been planned for fast movement of port related inter-city traffic (JNPT). NHAI initiated the DPR for this corridor and the study is in progress. The alignmnet of Virar-Alibag MMC and Virar-Panvel Spur in MMR of Mumbai Vadodara expressway are shown in Figure 13.

Figure 12: Alignment of MTHL from Sewri to Chirle and Connectivity to NMIA

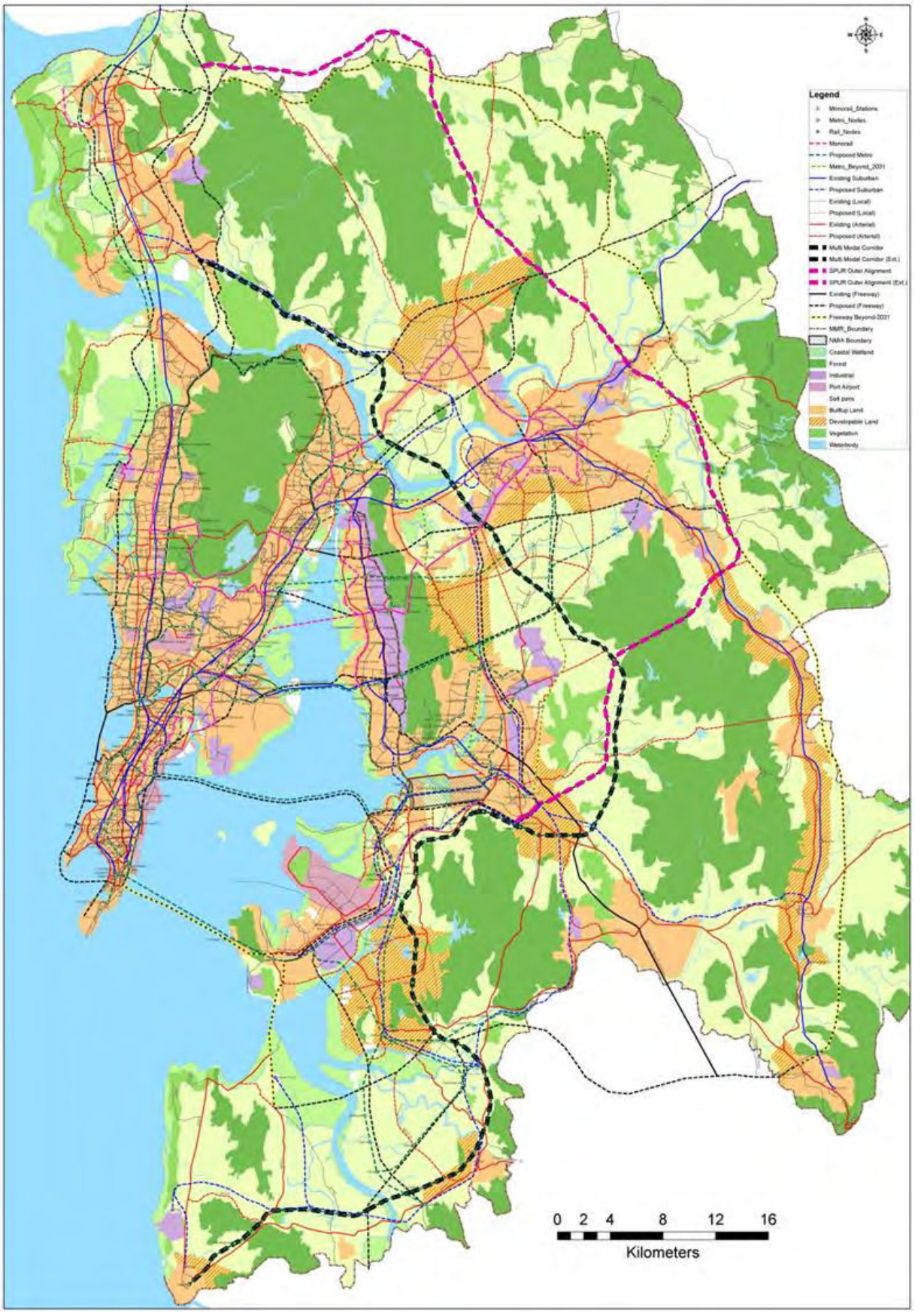


Figure 13: Alignment of Virar Alibag Multi Modal Corridor and Mumbai-Vadodara Expressway Spur in MMR-Virar to Panvel

1.11.8 Passenger Water Transport Connectivity to the NMIA

The PWT terminal on Navi Mumbai side is planned very near to the proposed NMIA (Ulwe). Air passengers using PWT (from Island city to Navi Mumbai) can access the NMIA very easily using road based modes from the PWT terminal to NMIA. The possible regional PWT routes from Island city to the NMIA and Belapur, as already discussed, are as follows and shown in Figure 14.

- Ferry Wharf to NMIA and Belapur (Blue line)
- Radio Club to NMIA and Belapur (Pink line)

Figure 14: Regional PWT Routes from Island City to Navi Mumbai & Belapur

The PWT terminal locations in NMIA and at Belapur on NMIA Master Plan are presented in Figure 15. Two alternative PWT terminals have been identified for providing connectivity to NMIA. Air passengers using the PWT mode (from Island city to Navi Mumbai) can access NMIA very easily using road based mode from the PWT terminal to NMIA or by using combination of travelators and escalators depending on the distance between the PWT location and terminals of NMIA. The PWT terminals should be well equipped with sufficient parking area. Prima facie the PWT routes and terminal locations are feasible. However, further detailed studies need to be undertaken.

PWT at city level i.e. from different places within Navi Mumbai area like from Vashi, Nerul, Nhava, Uran, etc. to NMIA may not be as attractive as compared to the road/ rail based modes as these modes provide overall faster and single mode connectivity.

The estimated potential for Passenger Water Transport system between Island city and Navi Mumbai is between 32,000 to 36,000 passenger trips/day for the horizon year 2031 with MTHL road and metro. Assuming two routes operated between Island city and Navi Mumbai i.e. Ferry Wharf-NMIA/Belapur and Radio Club-NMIA/Belapur with 90% and 10% demand split (NMIA Air passengers) respectively, the potential passenger trips on Radio Club-NMIA/Belapur route in each direction during peak hour is about 180 passengers/hr. The frequency of operation of Hovercraft with 100 passenger

capacity is about 30 minutes (capacity provided would be 2,00 passengers/hr). The number of hovercraft movements per hour in each direction is about 2. To cater for the increase in demand, higher capacity hovercraft could be used.

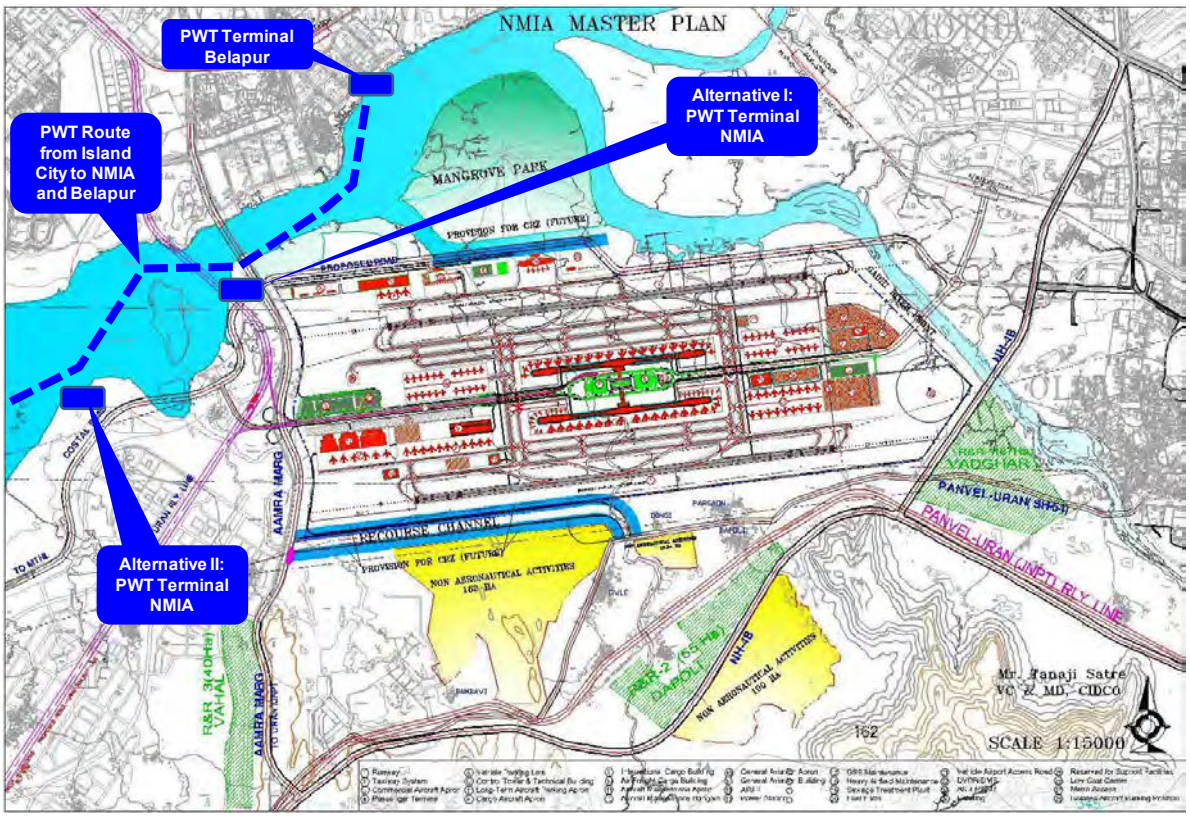


Figure 15: Regional PWT Routes from Island City to Navi Mumbai & Belapur: PWT Terminal Locations at NMIA and Belapur shown on NMIA Master Plan

1.11.9 nmia local road connectivity and major transport corridors

The location of proposed new green field NMIA is near Panvel close to NH-4B. The existing road connectivity for NMIA is described in ensuing sub-section followed by the proposals for future.

1.11.10 Existing Road Connectivity

Presently, the proposed location for NMIA is connected with a good road network of regional and local level. They offer varied level of service. Proposed NMIA, which is one of its own kind and scale, certainly needs capacity augmentation and also re-defining hierarchy of the road connectivity, with focus on the airport. Nevertheless, understanding of present major connections to proposed NMIA becomes more than contextual.

The existing road connectivity is presented with the perspective of catchment they serve. It can be seen from the Table 9 that North-westerly connection with respect to proposed airport location is more than prominent in present context.

Table 9: Existing Road Connectivity with Proposed NMIA

Catchment	Directions w.r.t NMIA	Major Connectivity Corridors
Mumbai	North-West	**Sion-Panvel Highway** through Thane Creek Bridge near Vashi, Palm-Beach Marg and Aamra Marg
Vasai-Virar, Thane-Nasik, Gujarat	North (Belapur Node)	**Thane-Belapur Road** along with inter urban connections, Sion-Panvel and Aamra Marg
Thane-Nasik, Kalyan-Dombivli, Vasai-Virar, Nagpur-MP	North (Kalamboli Node)	**NH4** Kalamboli - Thane section further linkage with NH3 and Ghodbunder
Pune-Solapur, Andhra-Karnataka	South-East	**Mumbai-Pune Expressway** (MPEW) taking off from Kalamboli bypassing Panvel **Existing NH4**, Kalamboli - Palaspe Phata - Pune through Panvel
Raigad-Ratnagiri, Goa	South	**NH17** Mumbai-Goa, taking off at Palaspe Phata on NH4B
JNPT – Uran – Panvel	South and East-West	**Aamra Marg** (Uran Phata to Gavan Phata NH4B), **NH4B** Palaspe Phata-JNPT (with Link to Kalamboli) **SH54** Panvel Uran State Highway

Existing Lane Configuration along with classification of all these corridors are summarized in Table 10

Table 10: Existing Road Corridors: Lane Configuration

Road Corridor	Lane Configuration	Classification
Palm Beach Marg	Six Lane Divided Carriageway	Urban Arterial
Aamra Marg	Four Lane Divided Carriageway	Urban Arterial
NH4B	Four Lane Divided Carriageway	Regional Highway Corridor
NH4	Four Lane Divided Carriageway	Regional Highway Corridor
Sion- Panvel Highway	Six Lane Divided Carriageway	Regional Corridor
Thane-Belapur SH	Six Lane Divided Carriageway	Urban Arterial
Panvel-Uran SH	Two Lane Carriageway	Local Corridor

1.11.11 Identification of Major Transport Corridors and Intersections

Identification of major transport corridors is aimed exclusively to take it further for developing the concept options. The selected corridors which will play important role in establishing connectivity with NMIA and its future interventions are going to be critical in immediate to medium term, with the opening of the new airport. The objective of the effort is to see them as transport corridors duly integrated with other modes. Looking at the future needs, corridor is planned for development keeping in mind its functionality, major transport corridors and major intersections, as identified and presented in Table 11 and Table 12 and Figure 16.

Table 11: Identified Major Transport Corridors

Road Corridor	From	To	Length Km	Lane Configuration
Palm Beach Marg	Sion-Panel Intersection (Vashi)	Belapur Phata	8.9	Six Lane Divided Carriageway
Aamra Marg	Uran Phata	Belapur Phata	2.3	Four Lane Divided Carriageway
	Belapur Phata	Gavan Phata	6	Four Lane Divided Carriageway
NH4B	Gavan Phata	Palaspe Phata	12.3	Four Lane Divided Carriageway
	Kalomboli intersection	Kopar Junction	4.5	Four Lane Divided Carriageway
NH4	Palaspe Phata	Kalomboli intersection	7.2	Four Lane Divided Carriageway
Sion- Panvel Highway	Kalomboli intersection	Uran Phata	10	Six Lane Divided Carriageway

Table 12: Identified Major Intersections

Name of Intersection	No. of Arms	Leading to
Belapur Phata	4	North – Amra Marg/ Turbhe/ Vashi South – Amra Marg/ NMI Airport/ JNPT East – Sakal Bhavan marg/ Belapur West – Palm Beach Road/ Vashi
Gavan Phata	5	North – Amra Marg/ Airport/ Belapur South-East – JNPT (NH-4B) North-East – Kopar/ Panvel (SH-54) South – SH-81
Kopar Junction	3	North –Amra Marg/ Airport/ Belapur East – Palaspe village/ Pune West – JNPT (NH-4B)
Palaspe Phata	4	Nort-West – Mumbai-Pune Road (NH-4) South-East – NH-4 to Pune South – NH-17 to Goa South-West – to JNPT (NH-4B)
Kalamboli Intersection	5	North – Mumbai-Pune Road (NH-4) Nort-West – Sion-Panvel Expressway/ Uran Phata South-East – Sion-Panvel Expressway to Pune South-West – NMIA / JNPT Road South-East – Mumbai-Pune Road (NH-4)
Uran Phata	4	North – AMRA MARG/ Turbhe/ Vashi North East- MIDC Service Road South-West – Belapur South – Sion-Panvel Expressway/ SH-42

Figure 16: Identified Major Transport Corridors and Major Intersections

1.11.12 Corridor Specific Functional Concept Designs

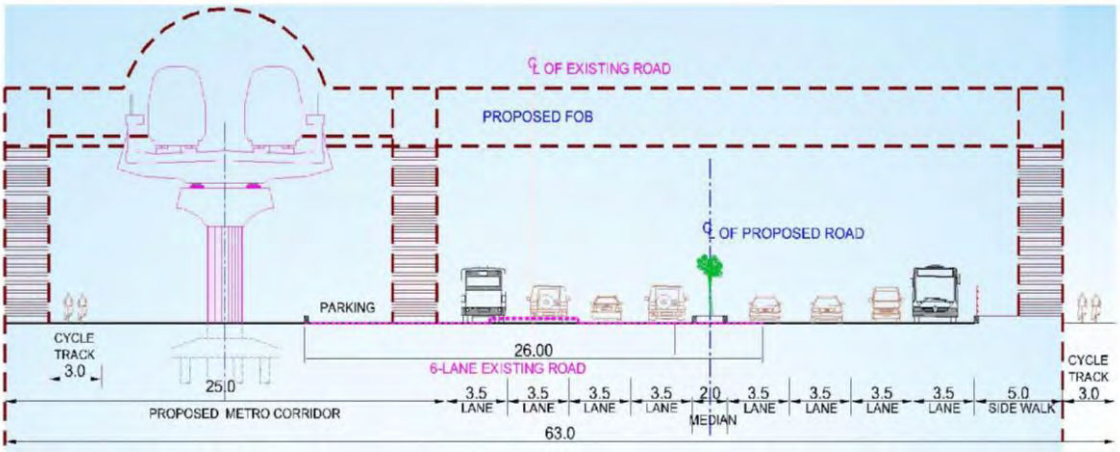
The identified corridors along with their proposed interventions for road and transit are taken into consideration in evolving specific concept designs. These are done by considering right of way availability, horizontal placement for supplementing enhanced connectivity to airport, accommodating metro/transit system through vertical segregation concepts –such as at-grade/elevated/underground depending upon corridor specific conditions. Careful assessment is made in finally arriving at intersection concepts. While firming up concepts at major intersections, priority consideration is given to for the traffic movement to/from NMIA. Corridor specific concepts are presented through ensuing sub-sections.

Belapur Phata to Vashi Interchange

Cross section and plan at station location and midblock is furnished the ensuing Figures.

Proposal Highlights:

- Till sea woods one side is creek with no development and on other side service road runs besides the built up area. Hence Elevated metro rail is proposed in service corridor towards built up side till Seawoods.
- From Seawoods, mertro rail runs elevated/ underground up to NMIA.
- Eight (4+4) lane divided road configuration is accommodated within available Right Of Way.
- Priority bus lanes on edges of up and down directional carriageways.
- Cycle track and side walk accommodated on built up side.
- Metro access with foot over bridge.
- Parking on metro side near stations.
- Junctions are controlled.
- Existing road centre line remains same.
- Flyovers for through traffic at major intersections
- At present heavy traffic is not allowed on Palm Beach Marg. This regulation should be maintained in future also.



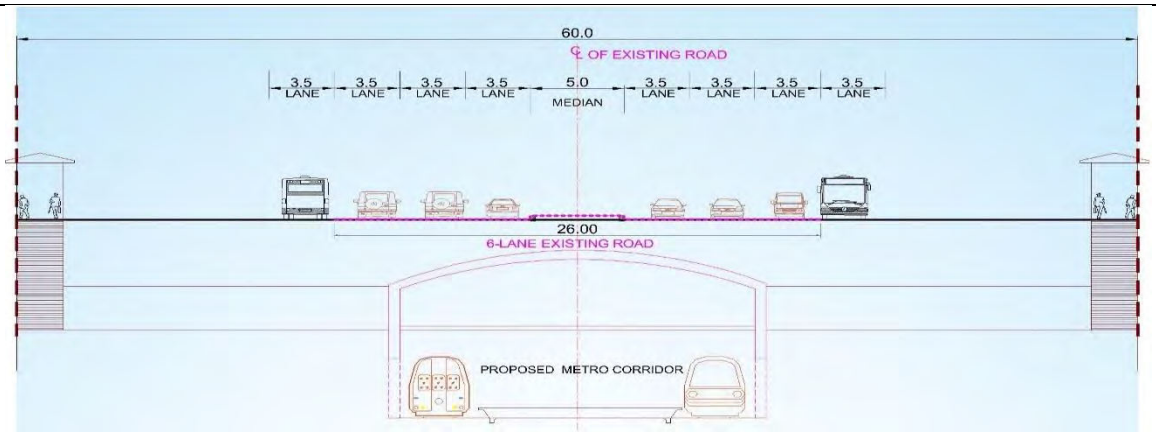


Figure 17: Typical Cross Section –Palm Beach Marg to Seawoods to NMIA

Belapur Phata to Gavan Phata (Aamra Marg)

Proposal Highlights:

- Elevated/ Underground metro continued from sea woods till NMIA.
- Eight (4+4) lane divided road configuration is accommodated along with service roads on either sides.
- Priority bus lanes on edges of up and down directional carriageways.
- Metro access elevated/ underground from both ends.
- Parking on metro side near stations.
- Junctions are controlled.
- Existing road centre line remains same.

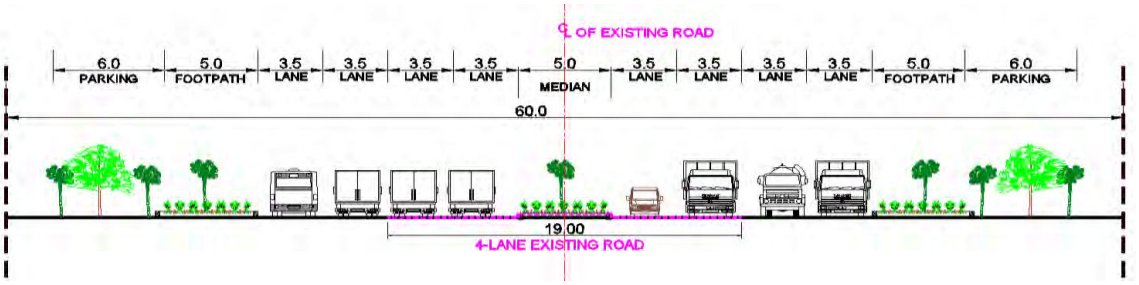


Figure 18: Typical Cross Section –Aamra Marg from Belapur Phata to Gavan Phata (Dedicated to Trucks)

Belapur Phata to Gavan Phata (Dedicated Corridor to Airport)

Proposal Highlights:

- From Belapur Phata to Gavan Phata a dedicated corridor is proposed
- Six (3+3) lane divided road configuration is accommodated with in available RoW (100m besides Proposed NMIA)

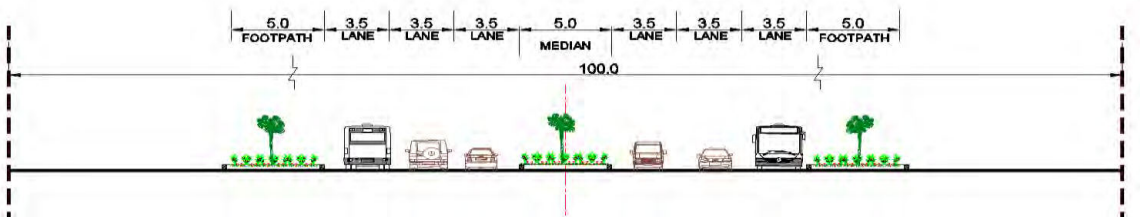


Figure 19: Typical Cross Section –Aamra Marg from Belapur Phata to Gavan Phata (Dedicated to Airport)

1.11.13 Concept Plan

Concept plans are prepared in order to visualise the corridor and arrangement with respect to metro alignment. Concept plans are prepared for Vashi Interchange to Belapur Phata, Belapur Phata to Gavan Phata with Options I as with only Right Turn at Belapur Phata, and Option II as with both Left and Right Turn at Belapur Phata, and dedicated corridor to Airport.

1.11.14 Way Forward

Based on efforts towards conceptual functional designs for identified corridors and intersections, following are the major findings:

- Proposed NMIA has good existing as well proposed transport connectivity. As far as major corridors of movements are concerned, no major conflicts are observed. Palm Beach and Aamra Marg having Metro intervention in same corridor can be addressed delicately. Rest of the corridors are more like road transport corridors wherein sub-urban rail or other transit interventions are fairly independent and distant.
- Identified major intersection concepts can be dealt further for detailed feasibility and engineering designs. Similarly entry/exit from NMIA need to be dealt as integrated aspect along with airport detailed plan and design.
- MMC and Spur road of Vadodara-Mumbai Expressway combining together to link Panvel near Palaspe Phata need to be explored. Similarly rationalisation of various proposed interventions between Palaspe Phata to Gavan Phata (i.e. MMC, NH4B) calls for integrated corridor, the same concept shall go for due diligence. This also facilitates and is likely to confirm advantageous connectivity of MTHL with MPEW and MMC too. This concept of Vasai-Virar to MTHL ring connection seems to be certainly worth exploring.
- Major transport corridors as identified should go for preparatory works towards implementation. All these corridors should have technology intervention of advanced ITS. Beyond functional aspects of each corridor following role is proposed (Figure 20):

Sr. No.	Corridor	Proposed Role
1	Plam Beach Marg (Vashi)-Aamra Marg(Belapur Phata)-NMIA-Gavan Phata	Principal Airport Express Corridor: No Heavy Commercial Traffic Movements, Partially Access Controlled Corridor with priority bus lanes.
2	Aamra Marg (Uran Phata)-Belapur Phata	Link Airport Express Corridor: No Commercial Traffic, major urban link with limited access to sides with priority bus lanes
3	Gavan Phata-Palaspe Phata (NH4B)	Multi-Purpose Corridor: Heavy Commercial, Passenger and physically segregated Mass Public Transportation corridor. Serving as MTHL dispersal to MPEW and MMC+Spur road.
4	Uran Phata to Kalamboli (Sion Panvel Highway)	Urban Express Corridor: Controlled commercial movements and regional high speed corridor. Alternative link to NMIA Eastern Entry/Exit.
5	Palaspe Phata to Kalamboli (NH-4 through Panvel city)	Exclusive Urban corridor with essential amenities.
6	Kopar to Kalamboli (NH4B Westerly Bypass for Panvel)	Eastern Airport Link: Barring of heavy commercial traffic, like freeway standard corridor.

Figure 20: Functional Aspects of Corridors

1.12 ECONOMIC ANALYSIS

In order to improve the regional and local connectivity to the NMIA, improvements/enhancements to a number of corridors have been proposed, in terms of extending the alignment to cater to the airport bound traffic. However, to reduce the travel time of the airport bound traffic, a number of intersections have also been improved to segregate the airport bound traffic from the others, as much as possible. The improvement proposals/concepts, both at Regional and Local level, are already discussed in the earlier chapters. This is examined from the perspective of the society.

1.12.1 Regional Connectivity

Improvements to a number of regional corridors have been proposed. However, for undertaking the economic analysis, two metro corridors have been considered (shown in Fig 0-12):

- Ghatkopar-Mankhurd-NMIA-Panvel metro Corridor and
- Siddhivinayak-Sewri-Kharkopar - NMIA Corridor

It has been assumed that the transport network as proposed in the CTS for MMR, for the horizon years 2016, 2021 and 2031 gets implemented as per the plan. In addition, the committed projects, for which decisions have been taken for implementation, are also assumed to be part of the full network. This is considered the base network. However, when both the above stated corridors are included in the network, it becomes the 'project case'.

For the assessment of the benefits, "without project"[1] case, is represented by taking out the respective metro corridor from the network. Inclusion of the corridor, however, which is the "with project" case,

[1] 'Without project' case can be considered to be same as the 'do minimum' case.

results in shift of passengers to more efficient mode of transport, which, in turn, results in reduction in travel distance or time. In the two cases, 'with' and 'without', the total passenger kilometres travelled and passenger hour spent in travel, by mode, is recorded for assessment of benefit in terms of operational costs of vehicles and value of travel time. The outputs from EMME-3 provided the inputs for the economic analysis. These outputs are in terms of vehicle km, passenger km and vehicle hours and passenger hours.

1.12.2 Local Network Connectivity

As part of improvement to local network connectivity, three intersections, i.e. Belapur Phata, Gavan Phata and Kalamboli junction, along with the dedicated airport link Belapur Phata to Gavan Phata are proposed. The benefits due to such improvements have been assessed. In order to explain the process adopted for assessment of benefit to traffic, a schematic representation of "without project" and "with project" case considered for local connectivity network is presented in Figure 21.

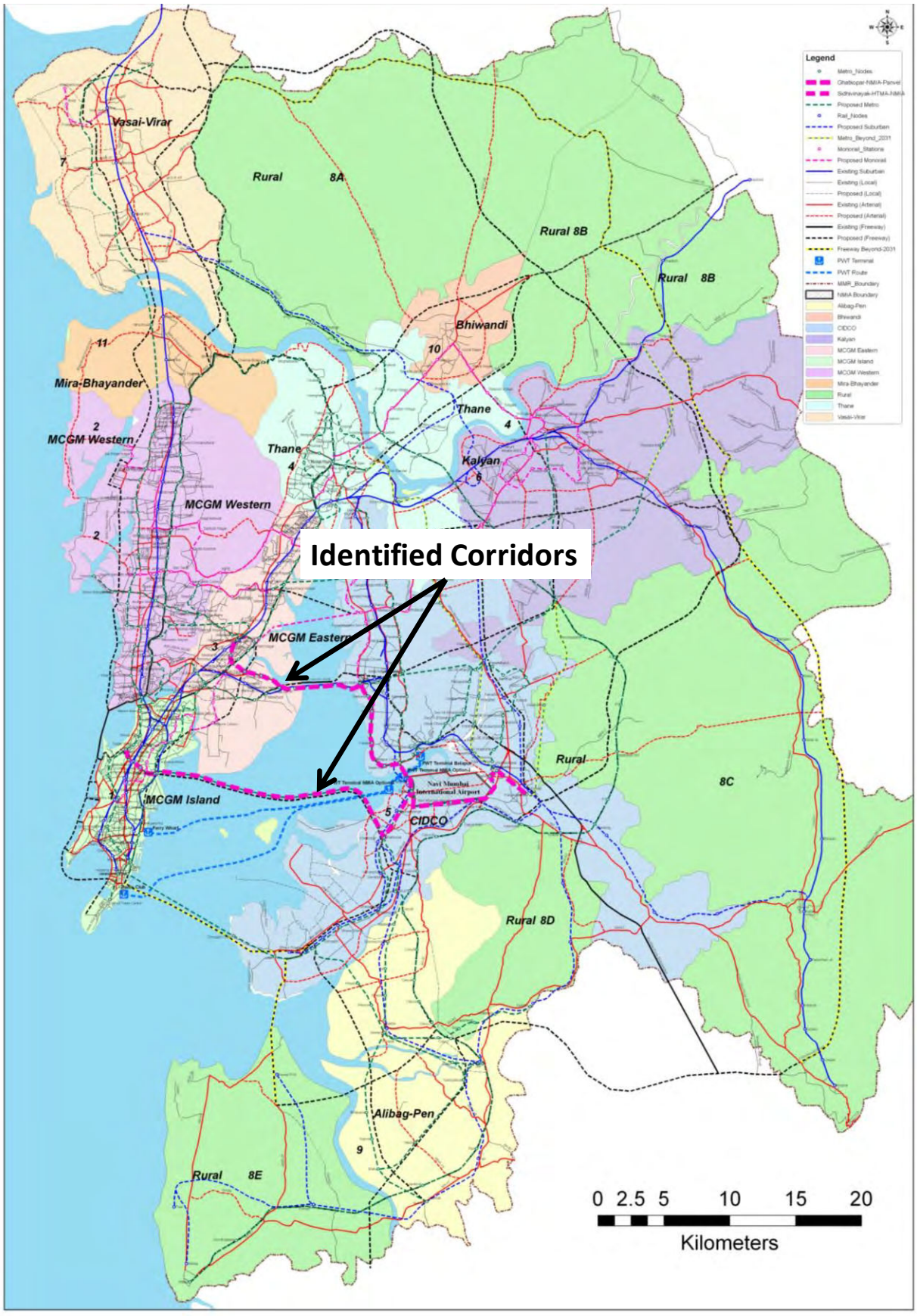


Figure 21: Location of Identified Regional Metro Corridors

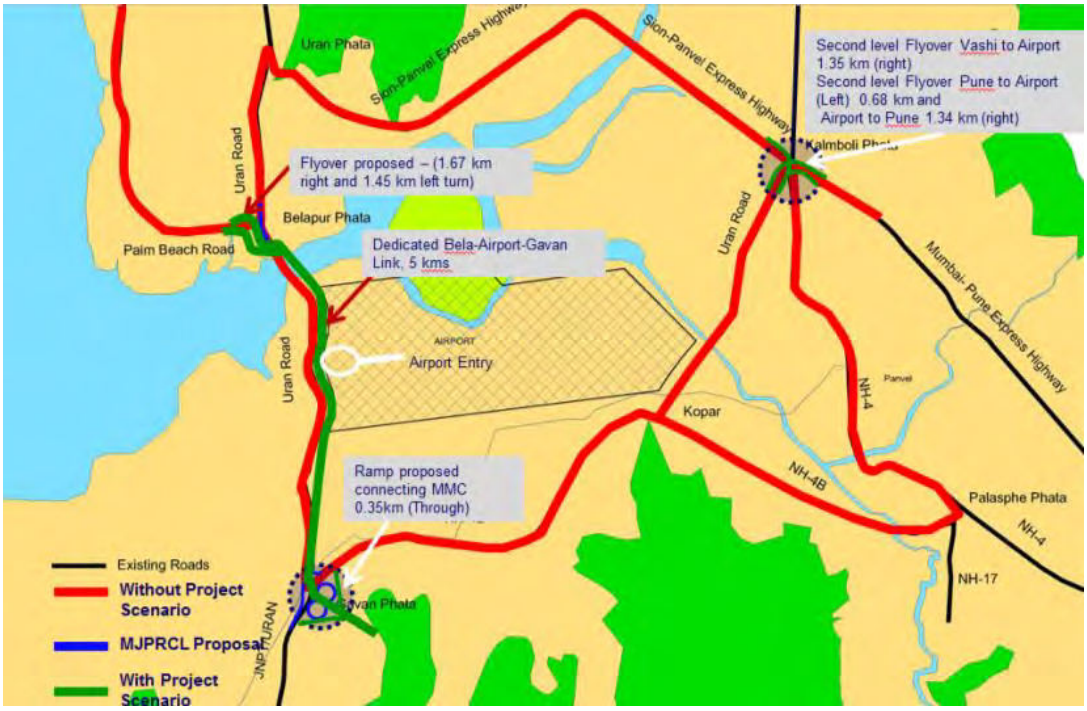


Figure 22: Schematic representation of Local network considered for Economic Analysis

The "without project" case comprises, full network as per the CTS recommendation in place along with the addition of Mumbai JNPT Port Road connectivity Limited (MJPRCL) improvement proposals. For the "with project" case the improvement proposed as part of the study are considered.

1.12.3 Project Cost

1.12.4 Capital Cost

The capital cost of the projects are assessed based on the block cost estimates. A summary of the cost, by each of the identified corridor/local network connectivity, is given in Table 13.

Table 13: Construction cost of project (Rs in Million at 2010-11 prices)

Sl No.	Name of Corridor	Length (km)	Year of Project Opening	Financial Cost	Construction Period	Economic Cost
	Regional Corridors					
1	Ghatkopar-Mankhurd-NMIA-Panvel Corridor	36.4	2021	100,070	8	90,063
2	Siddhivinayak-Sewri-Kharkopar - NMIA Corridor	26.5	2021	96,250	5	86,625
	Local Network Connectivity	11.5	2016	3,600	1	3,240

The above stated cost includes the land acquisition and rehabilitation and resettlement costs. The year of opening of the project is stated in the above table. Based on the year of opening and also the number of years required for construction, the first year of project implementation is fixed.

1.12.5 Operation and Maintenance Cost

There is a cost attached to the operation and maintenance of metro system. These include the fuel cost, salaries of staff, maintenance of coaches and tracks, continuous inspection of tracks and signalling system, etc. Similarly for local roads, maintenance works comprise routine and periodic maintenance in terms of patching, crack sealing, edge repairs and overlay for the roads. The O&M cost, as estimated, is given in Table 14.

Table 14: Operation and Maintenance cost of project (Rs in Million at 2010-11 prices)

Sl .	Name of Corridor	Maintenance towards	Financial Cost	Economic Cost
				Regional Corridors
1	Ghatkopar-Mankhurd-NMIA-Panvel Corridor	Operation and Maintenance cost (Mill Rs/annum)	5,060	4,554
2	Siddhivinayak-Sewri-Kharkopar - NMIA Corridor		5,210	4,689
				Local Network Connectivity
3	For Road maintenance to Airport (including maintenance of structures at intersections also)	Routine Maintenance (Rs millions /lane /km)every year	0.02	0.018
		Periodic Maintenance(Rs millions /lane /km) every 5th year	3.2	2.88

1.12.6 Result of economic evaluation- Base case

The economic analysis is undertaken for a period of 35 years. The results of the analysis are given in Table 15.

Table 15: Results of Base Analysis for Regional corridors and Local Network Connectivity

Regional Corridor	EIRR (%)			NPV(Rs millions)		
	25 yrs	30 yrs	35 yrs	25 yrs	30 yrs	35 yrs
Ghatkopar-Mankhurd-NMIA-Panvel Corridor	19.1%	19.7%	19.9%	38924	47410	52813
Siddhivinayak-Sewri-Kharkopar- NMIA Corridor	22.9%	23.1%	23.2%	72933	82134	87989
Local Network Connectivity	9.7%	10.9%	11.7%	-500.28	-277.72	-88.02

The results indicate that the metro corridors are economically viable, with an EIRR greater than 12% and a positive NPV at a discount rate of 12% pa. The investment made on the improvement of local connectivity is also viable at just about 12% EIRR. It needs to be emphasised here that the benefits considered in the above analysis are just direct benefits.

1.12.7 Result of Sensitivity analysis

The results of the sensitivity analysis are presented in Table 16. Under the case of sensitivity with 5% change in benefits and costs, the corridor is found to be economically viable, however, in the worst case of both increase in cost and reduction in benefit simultaneously, the EIRR goes down marginally below 12%.

Table 16: Results for Sensitivity Analysis

Sensitivity 1: Increase in Base cost by 5%						
Regional Corridor	**EIRR (%)**			NPV(Rs millions)		
	25 yrs	**30 yrs**	**35 yrs**	**25 yrs**	**30 yrs**	**35 yrs**
Ghatkopar-Mankhurd-NMIA-Panvel Corridor	18.5%	19.0%	19.3%	36423	44909	50312
Siddhivinayak-Sewri-Kharkopar- NMIA Corridor	22.1%	22.4%	22.5%	69859	79060	84915
Local Network Connectivity	9.3%	10.5%	11.3%	-615.6	-393.0	-203.3
Sensitivity 2: Reduction in Base Benefits by 5%						
Regional Corridor	**EIRR (%)**			NPV(Rs millions)		
	25 yrs	**30 yrs**	**35 yrs**	**25 yrs**	**30 yrs**	**35 yrs**
Ghatkopar-Mankhurd-NMIA-Panvel Corridor	17.6%	18.2%	18.4%	28975	36540	41362
Siddhivinayak-Sewri-Kharkopar- NMIA Corridor	21.9%	22.2%	22.3%	65219	73910	79444
Local Network Connectivity	9.2%	10.5%	11.3%	-595.6	-384.4	-204.3
Sensitivity 3: Increase in Base Costs by 5% and Reduction in Base Benefits by 5%						
Regional Corridor	**EIRR (%)**			NPV(Rs millions)		
	25 yrs	**30 yrs**	**35 yrs**	**25 yrs**	**30 yrs**	**35 yrs**
Ghatkopar-Mankhurd-NMIA-Panvel Corridor	16.9%	17.6%	17.8%	26474	34039	38861
Siddhivinayak-Sewri-Kharkopar- NMIA Corridor	21.2%	21.5%	21.6%	62145	70837	76370
Local Network Connectivity	8.8%	10.1%	11.0%	-710.9	-499.7	-319.6

To sum up, the metro corridors and local network connectivity to NMIA is ***desirable from the society's point of view***. EIRR is greater than 12% in all the cases for regional corridors, thus reflecting the viability

of the project from the society's perspective. However for the local connectivity improvements, the viability is there in the base case. With consideration of the indirect benefits, as stated earlier, the sensitivity analysis shall also become robust, as the improvements are expected to improve air quality in the vicinity of the intersections as well as increase safety to the vehicles by segregating airport bound traffic for JNPT traffic. With inclusion of such intangible benefits, the project is very much desirable from the point of view of the society.

1.13 ASSESSMENT OF EVOLVED CONNECTIVITY PLAN

The recommended (regional and local) transport connectivity plan is presented in Figure 23. It is important to note that the comprehensive transportation plan for MMR - 2031 includes sub-urban rail corridors, metro corridors, monorail corridors and highway/expressway corridors, which provide both regional as well as local transport connectivity to the NMIA. In the present study, specific efforts have been made towards enhancing the regional and local transport connectivity to the proposed NMIA.

Further, it is important to note that the projects planned by various planning authorities/agencies in MMR (MMRDA, MSRDC, CIDCO, PWD, Municipal Corporations, Municipal Councils, etc.) have been incorporated in the connectivity plan appropriately by integrating and ensuring continuity of the corridors. In addition to the land based transport modes, Passenger Water Transport routes between Island city and NMIA/ Belapur are also included in the overall plan to enhance the regional transport connectivity to NMIA.

Towards improving the local transport connectivity, improvements to the roads and grade separation facilities at major intersections in the vicinity of the airport, is adopted to improve the traffic operating service levels on the road network. The proposed enhanced transport connectivity will provide faster access/egress to/from the proposed NMIA as well as additional transport infrastructure for the other road or public transport users. Concerted efforts should be made, to develop the identified local and regional connectivity corridors, particularly the road corridors, as **Green Corridors**, to enhance the image of MMR and NMIA.

Time taken to travel between two points is considered as a good determinant of level of service any facility provides. This is true in case of transport connectivity to NMIA also. Travel time is estimated for the horizon year 2031, for the proposed network, by taking into account factors such as mode of transport, transport network connectivity, traffic levels on road system, public transport system characteristics (frequency, capacity, speed, etc.) and time and day of travel.

Assessment of travel times by various major modes, from different TAZs, to the NMIA is done considering the proposed transport network and travel demand assessed (using EMME software) for the horizon year 2031. Average travel distance and travel times from various clusters of MMR to NMIA are presented in Figure 24 and Table 17.

. Travel time in 20 minutes bands using transit modes (sub-urban/ metro/ monorail/ bus) and by road using private vehicles (car/ two wheeler) or IPT modes (Taxi/ Auto) from various TAZs to proposed NMIA (considering the proposed transport network for the horizon year 2031 and travel demand) are presented in Figure 25 and Figure 26, respectively. Following are the inferences of the above analysis:

1) Metro is a preferred mode as compared to others, for travel from Island city, Western suburbs, Thane and Kalyan to NMIA. The average travel time is likely to be about 65 minutes;

2) Average travel time between Bhiwandi and NMIA is about 70 minutes by Sub-urban rail as well as by car/ taxi;
3) Average travel time between Pen-SEZ and NMIA is about 40 minutes by Sub-urban rail as well as by car/ taxi;
4) Car/ Taxi mode offers relatively lower travel time between NMIA and Eastern suburbs (40 minutes), Vasai-Virar (95 minutes), Mira-Bhayander (85 minutes) and Rural areas of MMR (95 minutes);
5) Average travel times by bus mode from various clusters to NMIA is higher as compared to all other modes;
6) The average travel times from various clusters to NMIA by sub-urban/metro/ monorail, Bus and Car/Taxi is about 80 minutes, 90 minutes and 70 minutes respectively;
7) The range of travel time from the remotest places of MMR to NMIA by different modes is 60 to 90 minutes;
8) The travel time from CSIA to NMIA by metro mode is about 45 minutes;
9) Average travel time by PWT mode from Island city (Radio Club/ Ferry Wharf terminals) to NMIA is about 40 minutes, which includes waiting time at the terminals(by Hovercraft);
10) Travel time increases in case of travelling by car/taxi/bus from the Island city to NMIA. This is due to the congestion on the roads; and
11) PWT take less time to reach NMIA from Island city by Hovercraft and it would greatly supplement with other modes.

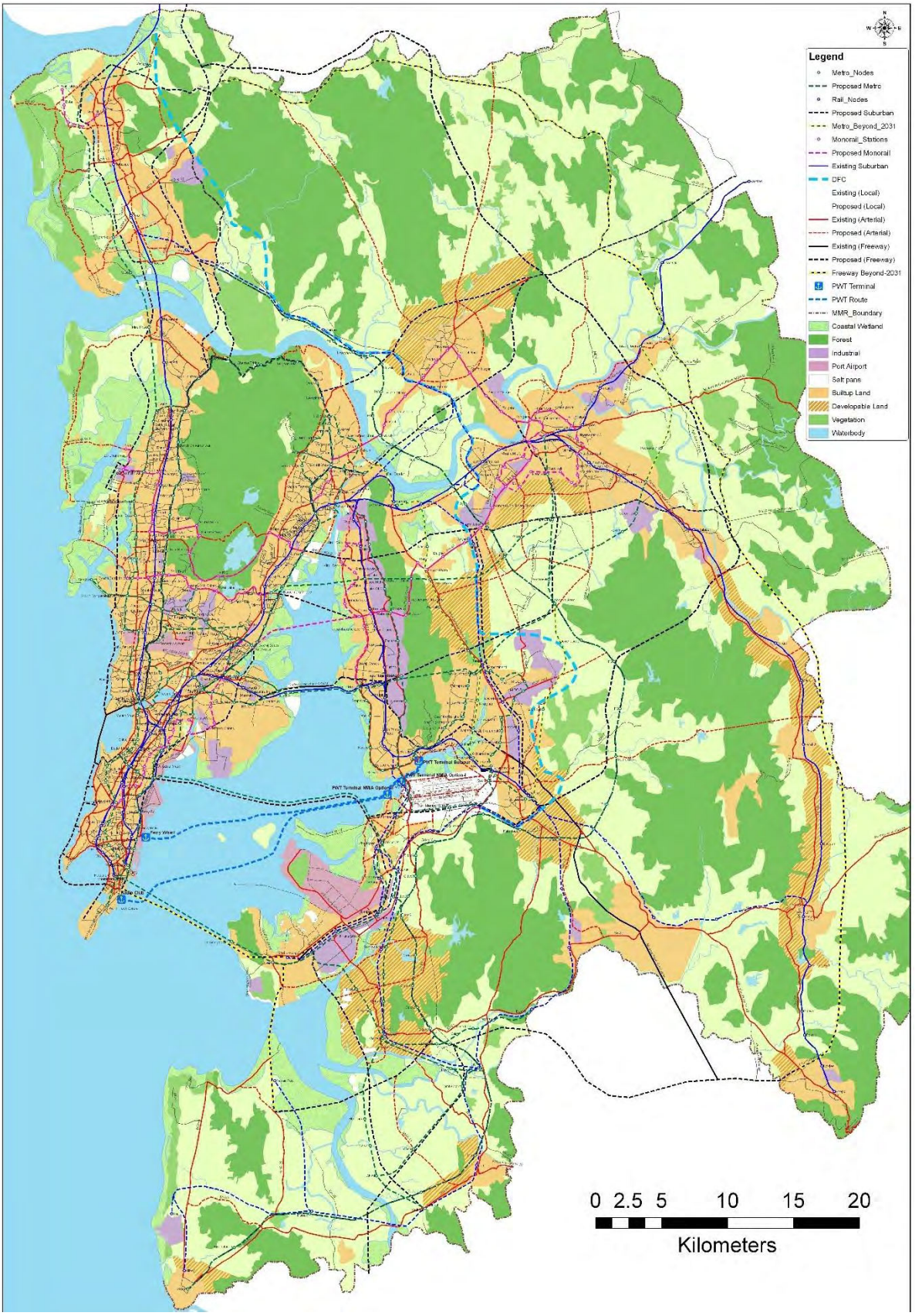
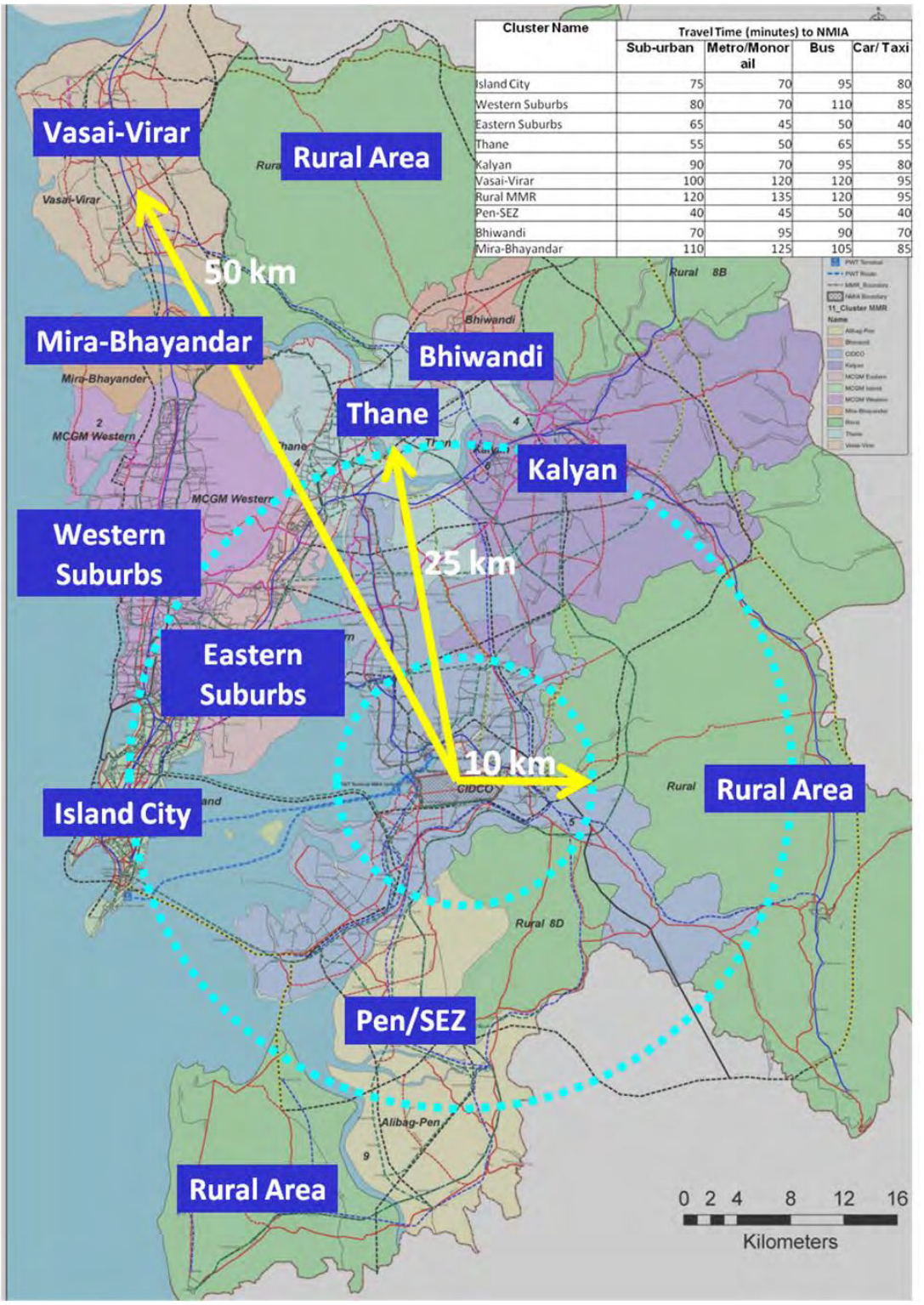


Figure 23: Multi Modal Regional and Local Transport Connectivity Plan for NMIAI



Cluster Name	Travel Time (minutes) to NMIA			
	Sub-urban	Metro/Monorail	Bus	Car/ Taxi
Island City	75	70	95	80
Western Suburbs	80	70	110	85
Eastern Suburbs	65	45	50	40
Thane	55	50	65	55
Kalyan	90	70	95	80
Vasai-Virar	100	120	120	95
Rural MMR	120	135	120	95
Pen-SEZ	40	45	50	40
Bhiwandi	70	95	90	70
Mira-Bhayandar	110	125	105	85

Figure 24: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

Table 17: Average Travel Distance and Travel Times from various Clusters of MMR to proposed NMIA

From Cluster to NMIA	Mode	Major Lines/ Corridors	Air Distance (km) to NMIA	Travel Distance (km) to NMIA	Travel Speed (kmph)	Total Travel Time (hr) to NMIA	Total Travel Time (minutes) to NMIA
Island City	Sub-urban	CST-Panvel Harbour Line	25	50	40	1.25	75
	Metro/Monorail	Colaba-Siddhivinayak-Sewri-Kharkopar-NMIA metro corridor	25	40	35	1.14	70
	Bus	Eastern Freeway, MTHL, Coastal Road	25	40	25	1.60	95
	Car/ Taxi	Eastern Freeway, MTHL, Coastal Road	25	40	30	1.33	80
Western Suburbs	Sub-urban	Western Line & Harbour Line	25	52	40	1.29	80
	Metro/Monorail	Charkope-Bandra-Mankhurd and Mankhurd-Vashi-Belapur-NMIA-Panvel line	25	40	35	1.14	70
	Bus	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Aamra Marg	25	55	30	1.83	110
	Car/ Taxi	WEH, JVLR, EEH, GMLR, Sion Panvel Highway, Palm Beach Marg, Aamra Marg	25	55	40	1.38	85
Eastern Suburbs	Sub-urban	Central Line (Kanjurmarg-Kurla) and Harbour Line (Kurla-Panvel)	20	43	40	1.07	65
	Metro/Monorail	Thane-Wadala and Ghatkopar-Mankhurd-Vashi-Belapur-NMIA-Panvel metro lines	20	25	35	0.71	45
	Bus	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Aamra Marg	20	25	30	0.83	50
	Car/ Taxi	EEH, Eastern Freeway, GMLR, Sion Panvel Highway, Palm Beach Marg, Aamra Marg	20	25	40	0.63	40
Thane	Sub-urban	Thane-Vashi, Vashi-Panvel harbour lines	25	38	40	0.95	55
	Metro/Monorail	Thane-Vashi, Vashi-Belapur-NMIA-Panvel metro lines	25	29	35	0.83	50
	Bus	Thane-Belapur Road, Palm Beach Marg, Aamra Marg	25	28	25	1.12	65
	Car/ Taxi	Thane-Belapur Road, Palm Beach Marg, Aamra Marg	25	28	30	0.93	55
Kalyan	Sub-urban	Kalyan-Thane, Thane-Vashi, Vashi-Panvel lines	25	58	40	1.46	90
	Metro/Monorail	Kalyan-Mhape, Mhape-Vashi monorail, Vashi-	25	40	35	1.14	70

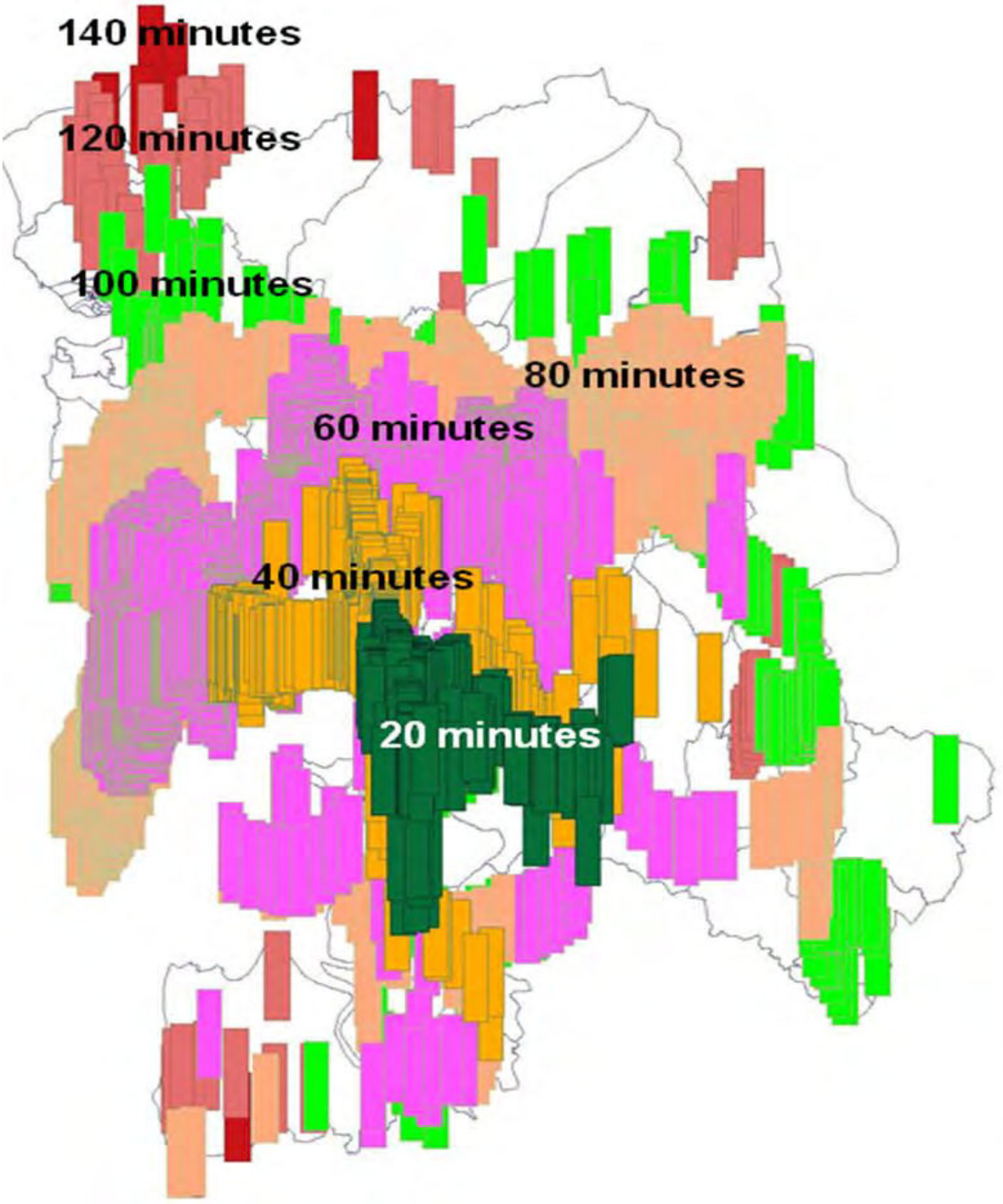


Figure 25: Average Travel Time from various TAZs of MMR to proposed NMIA by Transit Modes (Sub-urban/Metro/ Monorail/ Bus)

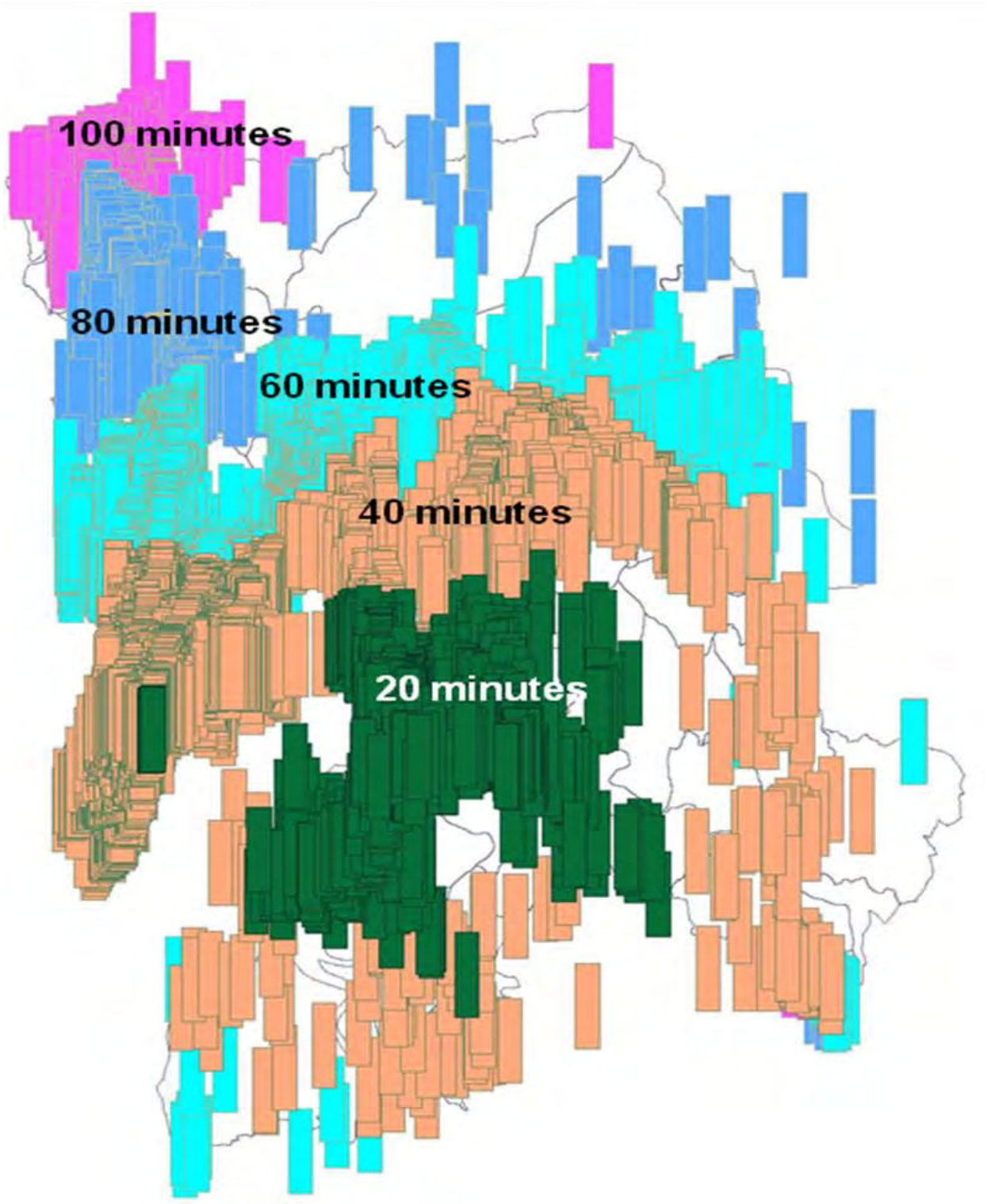
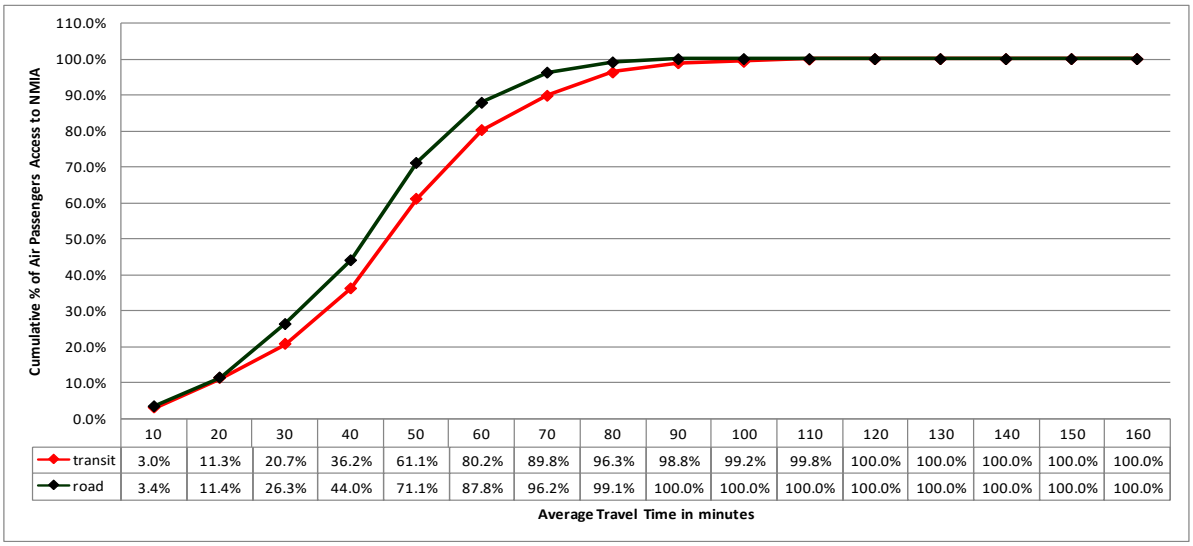


Figure 26: Average Travel Time from various TAZs of MMR to proposed NMIA by Private Vehicles (Car/ Two Wheeler)/ IPT Modes (Taxi/ Auto)

It can be seen that, the travel time from the remotest places of MMR by transit modes is about 140 minutes and by private vehicle/ IPT modes is about 100 minutes. However, substantial air travel demand to the proposed NMIA is located within travel time of about 80 minutes. Further analysis has been

carried out in terms of % air travel demand (i.e.110,000 air passengers/day) in terms of access/ egress travel times from different parts of MMR to/ from NMIA. The details are shown in Figure 27.



	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
transit	3.0%	11.3%	20.7%	36.2%	61.1%	80.2%	89.8%	96.3%	98.8%	99.2%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%
road	3.4%	11.4%	26.3%	44.0%	71.1%	87.8%	96.2%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Figure 27: Average Travel Time and % of Air Passenger Demand Covered

1.14 PROJECT IMPLEMENTATION – A PERSPECTIVE ON PHASING

The multi-modal enhanced regional transport connectivity and local transport connectivity presented in this chapter and described in previous chapters include some of the committed projects and some of the proposed projects. Phasing of projects is done considering the ongoing implementation of some projects, projects' preparatory works carried out by various planning and implementing organisations, etc, and specifically based on following assumptions:

1) *Stage 1 of NMIA will be operational end of 2015 and will facilitate 10 MPPA;*
2) *Stage 2 of NMIA with a Capacity of 25 MPPA will be completed by 2020;*
3) *Stage 3 and Stage 4 of NMIA with estimated passenger capacity of 45 MPPA by 2025 and 61 MPPA by 2030 respectively will be opened for use;*
4) *Metro line from Mankhurd-Panvel is proposed to target for providing the connectivity to NMIA, by catering to the Stage 2 estimated NMIA air passengers and other commuters;*
5) *Metro connectivity between Ghatkopar and Mankhurd is proposed to match with operations of M2: Charkope-Bandra-Mankhurd;*
6) *Widening and improvement proposals of Aamra Marg, NH-4B, SH-54 and NH-4 along with interchanges at major locations are to be clubbed with proposed enhancements to NMIA local connectivity at major interchange locations; and*
7) *Metro corridor from Mankhurd to Panvel is considered as elevated. However, only at the DPR stage the grade will be finalized considering the site constraints and other requirements.*

Although it is difficult to specifically suggest which agencies will take up what projects, at this stage, an attempt is made based on our understanding of MMR, potential agencies and the level of resources to be invested by each, as given in Table 18.

Table 18: Implementation Organisations and Sources of Funds

Sl. No.	Status	Corridor Description	Organisations	Project Cost (INR Crores)	MMRDA	CIDCO	IR	JNPT	MSRDC	NMMC	NHAI	Private/ Other Sources (GoM, GoI, etc.)
1	Committed	M1: Versova-Andheri-Ghatkopar	MMRDA	2356	613							1743
2		M2: Charkope-Bandra-Mankhurd	MMRDA	7660								7660
3		M3: Colaba-Mahim/Bandra	MMRDA	12000	2400							9600
4		Belapur-Taloja-Kalamboli-Khandeshwar Metro Line	CIDCO	4163		4163						
5		Nerul-Seawoods-Uran Sub-urban Railway Line	CIDCO/ IR	1412		941	471					
6		MR: Sant Gadge Maharaj Chowk-Wadala-Chembur Monorail	MMRDA	2300	2300							
7		Sion-Panvel Highway Improvement: BARC Jn. To Kalamboli	PWD, GoM	1700								1700
8		Aamra Marg, NH4B, NH4 Improvements along with Interchanges	MJPRCL	2500		52		218			480	1750
9		Coastal Road: MTHL-NMIA	CIDCO	200		200						
10		Eastern Freeway	MMRDA	532	532							
11		Western Freeway: Worli to Nariman Point	MSRDC	3250					3250			
12		MTHL: Sewri to Chirle on NH4B	MMRDA	10000	2000							8000
13		Mumbai-Vadodara Spur in MMR: Virar to Panvel	NHAI	1700							1700	
14	Proposed	Metro Corridor Connecting M1 at Ghatkopar and M2 at Mankhurd	MMRDA	2200	2200							
15		Metro Corridor from Mankhurd to Panvel via NMIA	CIDCO/ MMRDA	8000	4000	2000				2000		
16		Metro Corridor from Siddhivinayak to Sewri	MMRDA	1575	1575							
17		Metro Corridor from Sewri to Nhava and NMIA	CIDCO/MMRDA	2100	2100							
18		CST-Panvel Sub-urban Fast Rail Corridor	CIDCO/ IR	3000		1000	1000			1000		
19		Increasing Frequency of Sub-urban Rail Operations on Vasai-Diva-Panvel	IR	500			500					
20		Additional Pair of Tracks Vasai-Diva-Panvel sub-urban Rail Corridor	MMRDA/ IR/ CIDCO	4676	1559	1559	1559					
21		ISBT at Khandeshwar	CIDCO	250		75						175
22		Inter-city Rail Terminal at Panvel	IR	100			100					
23		Doubling of Tracks along Panvel-Karjat for sub-urban operations	MMRDA/ IR/ CIDCO	2080	693	693	693					
24		Enhancement of Connectivity to NMIA at Intercahanges	CIDCO	320		320						
25		PWT from Radio Club to Belapur via NMIA	MSRDC/ CIDCO	250		125			125			
26		Improvements to Palm Beach Marg	CIDCO/NMMC	800		400				400		
27		Multi-Modal Corridor from Vasai to Alibaug	MMRDA	10000	2000							8000
Total (INR crores)				**85624**	**21972**	**11528**	**4323**	**218**	**3375**	**3400**	**2180**	**38628**
Total (in %)				**100.0%**	**25.7%**	**13.5%**	**5.0%**	**0.3%**	**3.9%**	**4.0%**	**2.5%**	**45.1%**

1.15 WAY FORWARD AND ACTION POINTS

Planning and implementation of capital intensive projects like the regional and local transport connectivity needs urgency, significant co-ordination with other organisations for ensuring effective operation of airport by providing efficient ground transport access by various modes of transport from and to various parts of MMR as well as from/to outside of MMR. Below, in brief, are some of the action points. These are not exhaustive. This is for consideration of CIDCO and GoM for deemed necessary action. :

1) High Level Committee should be setup for implementation of the proposed transport infrastructure for enhancing the transport connectivity to NMIA;
2) Coordination with NHAI/ MJPRCL/ MSRDC for implementation of proposed widening of Aamra Marg, NH-4B, SH-54 and NH4 including interchanges;
3) Coordination with PWD, GoM for implementation of Sion-Panvel Highway widening.
4) Coordination with MMRDA for providing road connectivity to NMIA from MTHL landing on Main land side at Shivaji Nagar;
5) Prepare Detailed Feasibility Study/ Detailed Project Report as appropriate for metro connectivity from Ghatkopar to Panvel via Mankhurd, Vashi, Belapur and NMIA in coordination with MMRDA on priority basis;
6) Coordination with MMRDA for integrated design of metro corridors M3: Colaba-Siddhivinayak-Mahim, Siddhivinayak-Sewri, Sewri-Kharkopar (along MTHL) and Kharkopar-NMIA to facilitate operation of metro services from Colaba to NMIA and vice versa;
7) Prepare Detailed Feasibility Study/ Detailed Project Report as appropriate for implementation of CST-Panvel fast sub-urban rail corridor along harbour line in coordination with MRVC/ IR;
8) Coordination with MMRDA for implementation of Virar-Alibaug Multi-Modal Corridor, as well as hold discussions with MMRDA to integrate the spur (from MMC) proposed under this study with the MMC alignment;
9) Prepare Corridor Development Plans as Green Corridors, as feasible, for all the identified Local Connectivity and some Regional Corridors and then preparing DPRs for implementation, to enhance the image of MMR and NMIA;
10) Prepare Detailed Feasibility Study/ Detailed Project Report as appropriate for implementation of regional Passenger Water Transport (PWT) routes providing connectivity from Island city to NMIA in coordination with MSRDC, MbPT and MMRDA;
11) Coordination with Indian Railways for development of Panvel as major Inter-City Rail Terminal and Doubling of Tracks on Panvel-Karjat for running sub-urban operations (CTS for MMR proposals);
12) Involvement of Navi Mumbai Traffic Police at all stages i.e. from Planning stage to Execution stage for effective coordination;
13) Initiate dialogue with NMMT, BEST, TMT, KDMT, MSRTC etc. when implementation of NMIA has reached near completion, for operation of bus routes providing connectivity to NMIA from various parts of MMR;
14) Secure encroachment removal along major transportation corridors and restore capacities to safely and effectively move people and vehicles;
15) Implement measures to protect long term transportation corridors (protection of Right of Way);
16) Development of land parcels around the NMIA periphery will have to be strictly controlled to avoid unauthorised occupation or wrongful land use that may cause congestion and obstruction in construction of approach roads towards the NMIA;
17) Identified major intersection concepts can be dealt further for detailed feasibility and engineering designs. Similarly entry/exit from NMIA need to be dealt as integrated aspect along with airport detailed plan and design;
18) Land required to develop the proposed interchanges (especially under local connectivity) need to be blocked for future use;
19) Implement policies to promote transit oriented development;
20) As the NMIA project nears completion, coordinate with MRVC/ IR for increasing the frequency of sub-urban trains and operation of 12 coach rakes on CST-Panvel section of harbour line; and
21) Coordination with MRVC/ IR for sub-urban rail operations on Vasai-Diva and Diva-Panvel sections.

Annexure 1-3

CTS for MMR Updation Study 2017-20: Insights

1 CTS FOR MMR UPDATION STUDY 2017-20: INSIGHTS

1.1 CTS FOR MMR UPDATION STUDY 2017-20

MMRDA, in technical consultation with and financial assistance of the World Bank had initiated the comprehensive study on transportation for MMR (named as TRANSFORM) under the on-going Mumbai Urban Transport Project (MUTP) in 2005. The study was carried out during the period 2005-2008.

The TRANSFORM study recommended a transportation plan for the horizon period upto 2031. The recommended transportation plan includes, highway network, metro network, inter-city bus, rail terminals, truck terminals and traffic management measures (flyovers, RoBs/RUBs, Pedestrian subways/ FOBs, Area Traffic Control Systems, etc.). During last decade, MMRDA and other stakeholders have initiated many transport infrastructure projects in MMR i.e. metro, monorail, highway, suburban rail projects and intend to further enhance the transport network in MMR. Further, during the last decade, post completion of CTS for MMR study, MMR has been widely experiencing major developments, especially in Rest of MMR. There is need for updation of CTS for MMR study considering the following:

a) MMRDA has prepared development plans for 27 villages in notified areas in Kalyan and 51 villages surround Bhiwandi;
b) Changing landuse at Wadala. Master Plan Preparation for Wadala Notified Area by MMRDA is in progress;
c) Revised Draft Development Plan for Greater Mumbai by MCGM;
d) CIDCO has prepared Master Plan for Navi Mumbai Airport Influence Notified Area (NAINA);
e) Changing scenario of SEZs in MMR;
f) Cluster Development, FSI Increase proposals;
g) MMRDA has prepared Draft RP for the period 2016-36, suggestions/ objections process is completed and in the process of Government approval;
h) Mumbai Port Trust's study on "Planning, Design and Program Management Support for Master Planning and Infrastructure Design of the Mumbai Port Complex of MbPT" for an about 165 ha (Concept design for about 342 ha) and the study is in progress; and
i) MMRDA and other stakeholders have carried out number of planning studies on traffic and transport infrastructure and in the process, there are some changes in the alignment of suburban, metro and highway corridors compared what was suggested in CTS for MMR study.

Due to the above reasons MMRDA initiated the 'Updation of CTS for MMR Study' with the following major objectives:

a) To update the CTS study (2005-08) & Travel Demand Model by using recent census 2011, Economic Census and major developments happened in MMR;
b) To assess the mode wise travel demand and travel demand for metro rail, suburban rail, bus system and road/ highway corridors for horizon years 2021, 2026, 2031 & 2041;

c) To update and prioritise metro rail, suburban rail and highway corridors for horizon years 2021, 2026 2031 and 2041; and

To prepare phase wise investment plans for prioritised metro rail, suburban rail and highway corridors for horizon years 2021, 2026, 2031 and 2041.

LEA Associates South Asia Pvt. Ltd. in JV with LEA International Ltd., Canada was appointed as Consultant to carryout necessary studies. Letter of Intent was issued on 9th May, 2017, Contract document was signed on 25th May, 2017 and Commencement Date for the study was 29th May, 2017 and work has since begun. As part of the CTS updation study Consultant has to complete the following tasks.

- Task 1: Review of Earlier CTS Model and Assessment of Planning Parameters for 2017 based on Census 2011 and recent Economic Census;
- Task 2: Data Collection: Through Secondary Sources and Identify and Carryout Additional Primary Surveys;
- Task 3: Updating/ Modifying CTS Recommended Landuse Scenarios for MMR for various Horizon Years;
- Task 4: Assessment of Major Developments & Landuse Updation for the Base Year 2017;
- Task 5: Updating the CTS Model and Analysis using State-of-the-art Urban Transportation Planning Software;
- Task 6: Assessing/ Updating of Planning Parameters, Transport Network Updations for the Horizon Period upto 2021, 2031 and 2041 and Network Analysis;
- Task 7: Analysis & Evaluation of Travel Demand for Updated Landuse Scenario for Different Horizon periods 2021, 2031 and 2041;
- Task 8: Rephasing, Reprioritisation & Cost Assessment of CTS Recommended Transport Infrastructure projects including all developments, for the horizon periods 2021, 2031 and 2041
- Task 9: Preparation of Multi Modal Integration Plan;
- Task 10: Fare Sensitivity Analysis of Public Transport Modes in MMR;
- Task 11: Skill and Technology Transfer
- Task 12: Stakeholder/ Public Consultation

1.2 SUMMARY ON TRAVEL DEMAND AND NETWORK ANALYSIS

Summary on primary and secondary data analysis and travel demand and network analysis is as follows:

a) Population of MMR (2017): 24.88 million; Employment (2017): 10.24 million;
b) Area of MMR: 4,355 sqkm;
c) Forecasted population for the horizon year 2021, 2026, 2031 and 2041 is 26.52 million, 27.76 million, 29.32 million and 32.17 million respectively. Forecasted employment for the horizon year 2021, 2026, 2031 and 2041 is 11.13 million, 11.97 million, 12.99 million and 14.91million respectively;
d) Primary Surveys (Home Interview Surveys (HIS) – 5,000 sample; Traffic volume count surveys at Outer Cordon: 24 hrs. (9 no.); Origin-Destination surveys at Outer Cordon locations: 24 hrs. (9 no.);Traffic volume count surveys at Sub regional cordon: 24 hrs. (20 no.); Origin-Destination surveys at Sub regional cordon: 24 hrs. (20 no.); Classified traffic volume count surveys at Inner Cordon locations for 24 hrs. (33 no.);Origin-Destination surveys at Inner Cordon locations for 24 hrs. (4 no.);

Classified traffic volume count surveys across Screen line points for 24 hrs. (3 no.);Classified traffic volume count surveys at Mid-block Location for 24 hrs. (11 no.);Classified traffic volume count surveys at Level Crossing Locations for 24 hrs. (3 no.);Road network inventory updation survey(2500Km); Speed & Delay study(2475km); Revealed and Stated Preference surveys (2000 samples); and Workplace based surveys (5000)

e) HIS Analysis: Average Household Income: Rs. 19,592 per month; Average Income of the Worker/ Earner: Rs.12,977 per month; Mode Split: NMT: 47% and Motorised: 53%; Motorised Mode Split: Public Transport: 61.0%; IPT: 17.6% and PV: 21.7%; Average expenses on transport per month per person: Rs. 1,094/- ; Per Capita Trip Rate (PCTR) per day including walk trips: 1.41; Per Capita Trip Rate (PCTR) per day Motorised trips: 0.75; Peak periods: 7:00 to 11 hrs. and 16:00 to 23:00 hrs.;

f) Other Surveys: Total traffic entering and leaving MMR: 2.08 lakh vehicles; At Outer Cordon, traffic growth observed is 6.8% (CAGR during 2005-17); % of road network having journey speed < 30 kmph: 67%;Average delay of 11sec/km;

g) Vehicle growth in MMR: No. of vehicles on road as on 31st March of 2017: 72.78 lakhs; No. of Cars and Two wheelers (private vehicles) on road as on 31st March of 2017: 18.28 lakhs and 43.35 lakhs respectively (Total: 61.64 lakhs, 85% of the total vehicles); 2001 to 2017 data indicates that, Two wheelers have grown at 10.22% Compound Annual Growth Rate (CAGR), Cars have grown at 8.82% CAGR and Private Vehicles growth is 9.23% CAGR; Average number of private vehicles added on to roads per day : 2080;

h) MMR: Motorised mode split during morning peak period (6:00 to 11:00 hrs.) after validation of travel demand for the base year (2017): Public transport (Suburban, bus, metro and monorail): 71.1%; IPT (Auto and Taxi): 11.1% and Private Vehicles (Two-wheeler and Car): 17.8%. Daily Motorised mode split for the base year (2017): Public transport (Suburban, bus, metro and monorail): 65.0%; IPT (Auto and Taxi): 14.7% and Private Vehicles (Two-wheeler and Car): 20.3%.

The recommended transport network plans for the horizon year 2041 i.e. Highway Network, Transit Network, have been summarized below. Some of the salient features of the proposed immediate-term, short-term and medium-term plans and their extent by 2041 under long-term along with proposed institutional change are described below:

a) The length of additional metro network for the horizon year 2021, 2026 and 2031 is 60 km, 321 km and 426 km cumulative respectively, which further expands to 467 km by 2041. The metro lines considered are of twin track i.e. one track per direction;

b) The length of additional Suburban network for the horizon year 2021, 2026 and 2041 is 29 km, 172 km and 232 km cumulative respectively;

c) The highway network, which includes higher order transport network (fully access controlled), arterial and sub arterials corridors with RoW greater than 18m for the horizon year 2021, 2026 and 2031 are174 km, 642 and 924 km cumulative respectively. The 2041 network is further required to be developed and augmented by another 217 km by 2041 to be extending up to 1,141 km. In terms of lane-km, road network supply increase for the horizon years 2021, 2026, 2031 and 2041 would be 970 lane-km, 4,445 lane-km, 6,583 lane-km and 7,987 lane-km respectively;

d) Inter-City/ Inter-State Bus Terminals and truck terminals have been proposed for the horizon period upto 2041;

e) Institutional arrangements/changes are proposed for effective planning and implementation of traffic & transport infrastructure in MMR (enhancing the strength and expertise of Transport & Communication Department, changes in remuneration policy, etc. of MMRDA, establishment of traffic department in all the ULBs of MMR, etc.)

f) SPVs are proposed for effective implementation of proposed BRTS, Inter-city/ Inter-state bus terminals, Inter-city rail terminals and truck terminals;
g) Institutional arrangement for UMMTA and legislative support for the same is proposed;

Table 1-1: Summary on Immediate-term, Short-term, Medium-term and Long-term Proposals within MMR

Sr. No	Parameter	By 2021	By 2026	By 2031	By 2041
1.	Population, million*	26.52(1.6%)	27.76 (1.2%)	29.32 (1.2%)	32.17 (1.1%)
2.	Employment, million*	11.13 (2.1%)	11.97 (1.7%)	12.99 (1.7%)	14.91 (1.6%)
3.	Daily Travel demand(million person trips) *	20.62	21.92	23.67	26.99
4.	Length of additional Road network (Km)	174	642	924	1,141
5.	Length of additional Road network (Lane-Km)	970	4,445	6,583	7,987
6.	Length of Suburban Rail network (km)**	29	172	172	232
7.	Length of Metro Rail network (km)	60	321	426	467
8.	Length of Mono Rail network (km)	20	20	20	20
9.	Length of EBL/ BRTS (km)	75	150	250	350
10.	Average Network Speed (kmph)	25.29	25.93	30.11	35.93
11.	Public Transport (%) Daily	66.7%	68.8%	71.3%	74.8%
12.	ATCS (No. of traffic signals)	200	500	700	1,000
13.	Traffic Signals (No.)	186	200	300	500
14.	SATIS- Outside the Railway premises (No. of suburban stations)	15	30	45	75
15.	Flyovers (No.)	26	40	50	75
16.	Elevated Roads (No.)	7	9	11	15
17.	RoB's/RuB's (No.)	10	20	30	50
18.	Inter-State Bus Terminals (No.)	1	2	3	4
19.	Inter-City Bus Terminals (No.)	3	6	8	13
20.	Inter-City Rail Terminals (No.)	2	3	4	5
21.	Major Truck Terminal (No.)		1	4	5
22.	Mini Truck Terminal (No.)	5	9	12	14
23.	Passenger Water Terminals (No.)		10	14	25
24.	Bus fleet (No.)	745	1,978	3,615	5,760
25.	Bus Terminal-cum Depot for Intra-city Bus operations	7	20	36	58
26.	Intersection Improvements (No.)	100	350	600	1,100
27.	FOBs (No.)	23	50	100	200
28.	Subways (No.)	26	50	100	200
29.	Skywalks (No.)	20	30	50	75
30.	Cycle Tracks along the existing roads (km)	175	250	500	1,000

** Figures in brackets show increase over base year (2017); ** additional sub-urban rail network proposed*

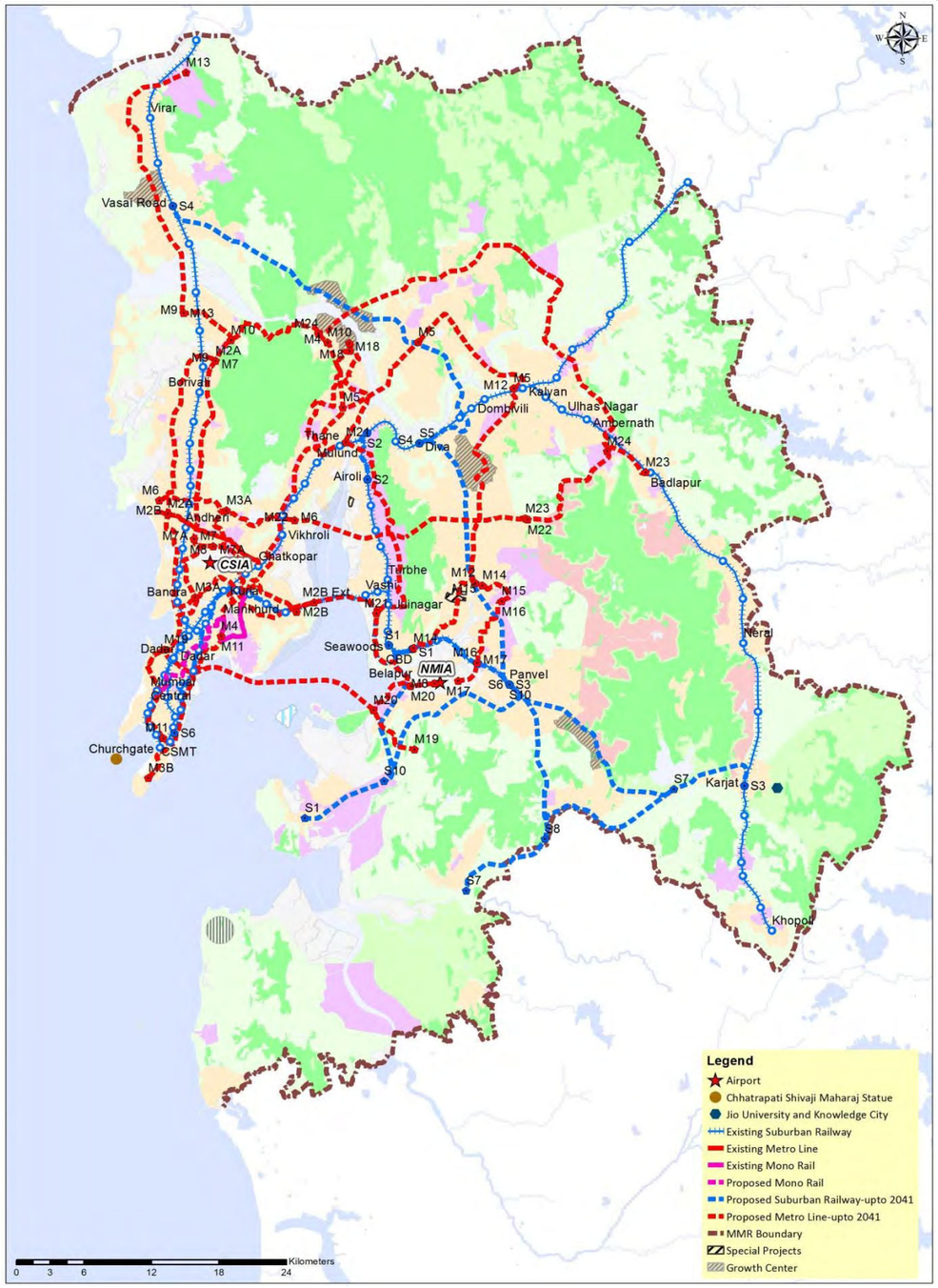


Figure 1-1: Recommended Transit Network Horizon Year 2041

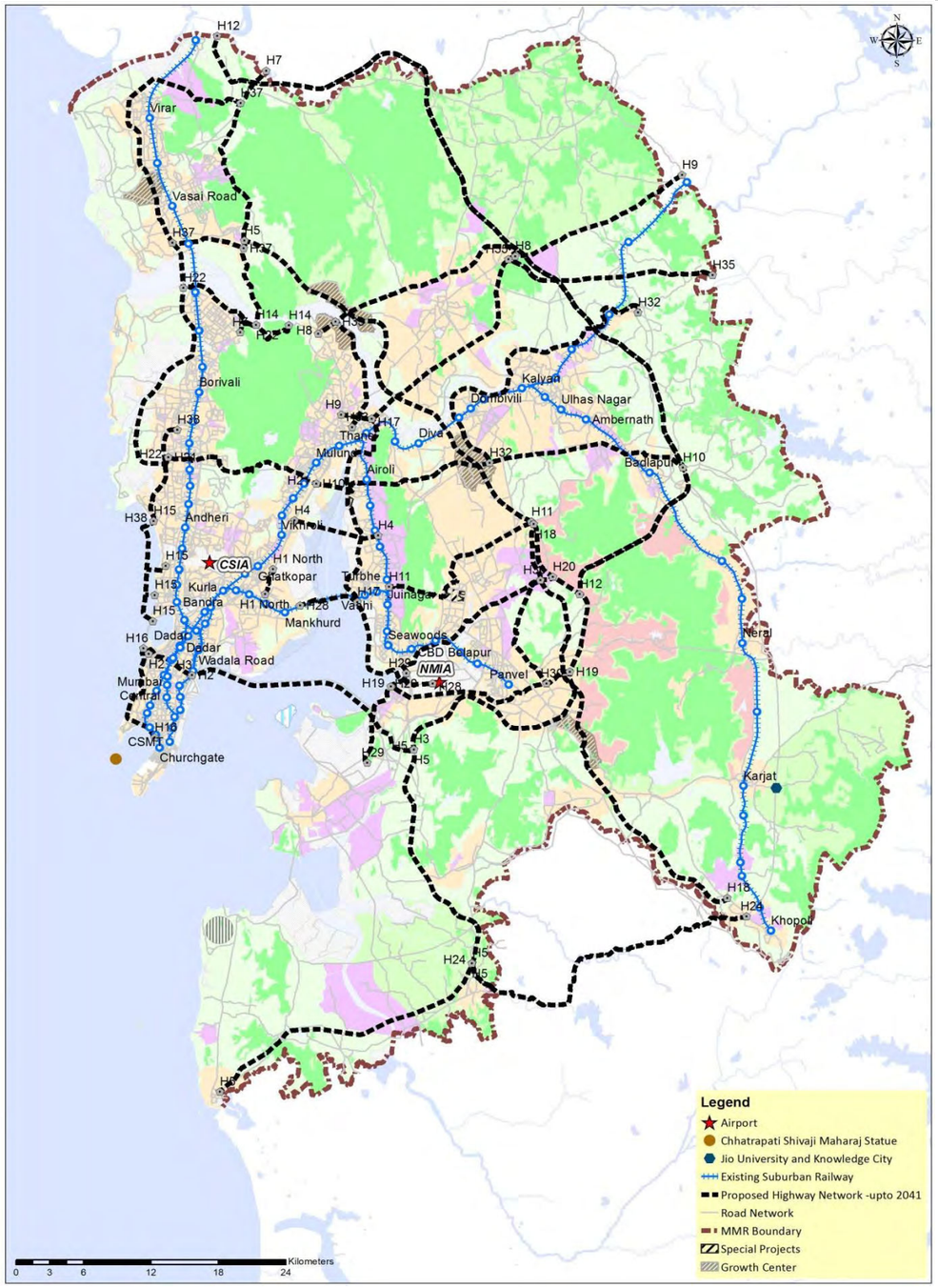


Figure 1-2: Recommended Transit Network Horizon Year 2041

1.3 SUMMARY ON INVESTMENT NEEDS AND RESOURCE MOBILISATION

MMRDA, CIDCO, MRVC, MSRDC, ULBs and other stakeholders have a massive task of implementing the CTS for MMR updation study recommendations on traffic & transport infrastructure in MMR. MMR will require a large expenditure on the construction of infrastructure for all urban services, such as water supply, electricity, drainage and sewerage system but the major part of their investment will have to be dedicated for transport infrastructure. MMRDA recognizes that the implementation of some recommendations of the Updation of CTS for MMR study is a complex task, given the scale of deficiencies that exist in the region. For that matter to have better and on time implementation schedule of projects a strategic approach is required to be followed. A well-structured and strong resource mobilization plan analyzing all aspects of the project benefit and downsides, to finance the required scale of investment is needed for CTS for MMR Updation study provided recommendations.

Holistic development of a region involves various sectors of infrastructure to be brought up. It becomes equally important to prioritize investment in projects and infrastructure sectors. According to current status of CTS 2005 proposals many projects have been started, many are under construction phase, also many new projects have been initiated in last few years. Updation of CTS for MMR study also included updation of previous proposals and addition of new proposals. ***According to the proposals made for improving traffic & transport infrastructure services in MMR for the horizon period upto 2041 is about INR 4.93 lakh crores @ 2017-18 prices (Ref. Table 1-2). Average per annum investment needs on transport infrastructure is about INR 21,000 crore. By including other infrastructure i.e. water supply, sewerage, drainage, solid waste management, etc. (investment needs of other infrastructure in overall infrastructure is about 15%) the overall infrastructure cost would be about INR 5.81 lakh crores @ 2017-18 prices. Average per annum investment needs on overall infrastructure is about INR 25,000 crore.***

Table 1-2: Summary of Preliminary Broad Cost Estimates for Proposed Traffic &Transport Infrastructure for Horizon Period upto 2041 (in INR Crores)

System	Upto 2021 (Immediate term)		2022-26 (Short-term)		2027-31 (Medium-term)		2032-41 (Long-term)		Total	
	Length (km)	Cost (INR crores)	Length (km)	Cost (INR crores)	Length (km)	Cost (INR crores)	Length (km)	Cost (INR crores)	Length (km)	Cost (INR crores)
Metro System	60	26,787	261	1,14,121	105	51,109	41	13,673	467	2,05,690
Suburban System	29	7,290	143	49,791	0	13,729	60	30,275	232	1,01,085
BRTS/ EBL	22	264	249	3,036	123	1,502	37	448	431	5,250
Bus System		815		1,421		1,823		2,440		6,500
Highway System	174	20,550	468	46,913	282	46,181	217	10,131	1141	1,23,774
Terminals		1,790		2,295		2,072		2,493		8,650
Traffic Management Measures		11,085		7,124		7,985		16,169		42,363
Total		**68,581**		**2,24,701**		**1,24,400**		**75,629**		**4,93,312**

The range of expenditure on transport infrastructure by all the ULBs, MMRDA, CIDCO, etc. is 8,000 to 9,000 Crores as observed during the period 2010-11 to 2017-18. ***It is pertinent to mention here that, all the ULBs expenditure on transport infrastructure in MMR is related to maintenance of existing roads, street furniture maintenance, widening of existing roads, development of new roads as per the Development Plans, etc. Regional level authorities like MMRDA, CIDCO, MRVC, MSRDC, etc. are planning and implementing major highway, metro, suburban corridors in MMR. With time there is a***

need for sharing of responsibilities in planning, resource contribution, execution, etc. of major highway, metro and suburban railway corridors is expected and it is very much needed as regional authorities alone can't take complete responsibilities. Of course, the ULBs and regional authorities needs to raise the resources collectively and make use of the same for delivery of overall transport infrastructure in MMR.

Based on the recommendations of Working Group on Urban Transport for 12th Five Year Plan and experience gained on working in urban infrastructure of major Indian cities, MMRDA and other major stakeholder's past experience in raising the resources, etc., the sources of funding are assessed and the details are presented in Table 1-3. It is observed that for urban transport infrastructure related projects envisaged by 2041, about 19.2% of the funding is needed from the central government, about 13.3% from the State Government, 10.5 % from Regional authorities, about 35.5% from the ULBs / Others. About, 9.1% of the investment needs are expected through private investment in the form of public private partnerships (PPP). Very limited share is expected from the property development i.e. about 0.1%. The balance i.e. about 12.4%, will have to be raised by taking debt from various multilateral/ domestic funding institutions. The analysis indicates that, the own burden of ULBs/SPA/ Regional authorities/ State Govt. would be about 69% (INR 3.40 lakh crore) which includes their own contribution and repayment of loans.

Revenue assessed from Development Charge as per the prevailing rates for the period 2021 to 2041 is about INR 0.85 lakh crore and with increase by 50% of the prevailing rates for the period 2021 to 2041 is about INR 1.27 lakh crore. Considering the overall scenario in real estate market, urban infrastructure investment need, uncertainties of revenue from other sources, the development charges required to be levied shall be Residential: 7.5%; Commercial: 15% and Industrial: 11.25% which means increasing the current/ existing Development Charges by 50%.

The overall revenue generated from the increased Development Charge and land & asset monetisation by various stakeholders is about INR 4.11 lakh crores which matches the requirement of 3.98 lakh crores. The analysis indicates that, all the stakeholders have to follow multi-pronged approach to raise the resources for successful planning and timely implementation of infrastructure in MMR.

The analysis indicates that, all the ULBs and Regional Authorities have to follow multi-pronged approach to raise the resources for successful planning and timely implementation of infrastructure in MMR. Also to safeguard ourselves in future all the resources must be mobilized properly.

Table 1-3: Major Sources of Funding and their Share (by 2041) for Transport Infrastructure in MMR

Source of Funding	Amount (Rs. Crores)	% of Total
GoI/ IR Grant or Share	94,538	19.2%
State Govt	65,385	13.3%
MMRDA	51,553	10.5%
ULBs/ SPAs/ CIDCO/ MSRDC/ MSRTC/ Others	175,031	35.5%
PPP	45,038	9.1%
Loan from Multilateral/Domestic Agencies-Repayment by GoI	15,163	3.1%
Loan from Multilateral/Domestic Agencies-Repayment by GoM/ Regional Authority	46,016	9.3%
Property Development	587	0.1%
Total	**493,312**	**100%**

Summary on revenue sources for O&M shortfalls is presented in Table 1-4. It can be inferred that, the overall potential from various sources identified for O& M shortfalls is about INR 1.03 lakh crores to 1.21 lakh crores for the period 2021 to 2041 and per annum would range from INR 4,980 crores to 6,070 crores.

Table 1-4: Summary on Revenue Sources for O&M Shortfalls

Sl. No.	Revenue sources	Assumptions	Amount in INR crore		
			2021-31	2032-41	Total
1	Cess on Property	5%	3,300	8,800	12,100
2	Cess on Fuel	Option 1: 2%	1,600	1,500	3,100
		Option 2: 3%	2,400	2,200	4,600
3	One-time cess on the purchase of new vehicles	2%	1,600	1,100	2,700
4	Fee on the annual renewal of a vehicle licenses	Option 1: Two wheelers INR 500, Cars INR 2,000 and Trucks INR 3,000	11,400	13,600	25,000
		Option 2: Two wheelers INR 1,000, Cars INR 3,000 and Trucks INR 3,000	19,000	22,800	41,800
5	Employment/ Payroll Tax	According to CRISIL assumptions	10,300	20,100	30,400
6	Pay & Park	As per Calculation	11,100	12,400	23,500
7	Sale of Advertisement Charges	According to CRISIL assumptions	1,300	3,100	4,400
8	Station Area Development	As per Calculation	560	990	1,550
9	Utilisation of ROW (Annual)	As per Calculation	190	210	400
Total I: Sl. No. 1, 2 Option 1, 3, 4 Option 1, 5, 6, 7, 8and 9			**41,350**	**61,800**	**103,150**
		Per annum	**4,140**	**6,180**	**5,160**
Total II: Sl. No. 1, 2 Option 1, 3, 4 Option 1, 5, 6, 7, 8and 9			**49,750**	**71,700**	**121,450**
		Per annum	**4,980**	**7,170**	**6,070**

1.4 POLICIES

Early action on some policies and acts which play crucial role in achieving successful implementation of the CTS for MMR Updation study recommendations as some of the policies need to be discussed debated and implemented. The major policy changes proposed under *CTS for MMR Updation study are as follows:*

a) Policies to promote Transit Oriented Development (TOD);
b) Policies to have a controlled growth using proposed Traffic Impact Assessment (TIA) Guidelines; and
c) Parking policy and NMT Policy.

1.5 WAY FORWARD

The action plan for implementation of transport plan would begin by considering; approving and adopting the CTS for MMR Updation study recommendations on traffic and transport infrastructure for MMR. The action plan (Box 1-1) as follows:

BOX 1-1: THE ACTION PLAN

a) Prepare Techno-Economic and Financial Feasibility Studies/ DPR studies for the transit (metro/ suburban/ BRT/ LRT/ ART) and major highway corridors;
b) Prepare Techno-Economic and Financial Feasibility Studies/ DPR studies for the terminals (bus, rail, truck, etc.);
c) Incorporation of the recommended transport system by ULBs/ SPAs/ Development Authority in their respective Development Plans/ Master Plans;
d) Implement measures to protect long term transportation corridors (protection of Right of Way);
e) Secure encroachment removal along major transportation corridors and restore capacities to safely and effectively move people and vehicles;
f) Implementation of proposed institutional changes in Traffic Department of MCGM and other major ULBs of MMR, Mumbai Traffic Police and T&C Division of MMRDA;
g) Creation of SPVs for planning and implementation of proposed DBL/BRTS, ICBT/ ISBT, ICRT, Truck

terminals in MMR;

h) *Review and updating of transport investment plans and priorities every 5 years;*
i) *Implement policies to promote Transit Oriented Development;*
j) *Implement policies to have a controlled growth using proposed Traffic Impact Assessment (TIA) Guidelines;*
k) *Introduce Travel Demand Management measures and implement NMT measures;*
l) *Implementation of Integrated Fare Structure and common ticketing among public transport systems;*
m) *Identification of vacant lands and land monetisation by all the ULBs and regional authorities to pool the resource for urban infrastructure; and*
n) *Timely amendments in MR&TP Act for enhancing the Development Charges and securing the revenues to achieve the targeted revenues.*

Annexure 1-4

Summary on Airport Connectivity Requirements of NMIA by NMIAL, August 2019

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The present Annexure presents in detail the review of the report on the Airport Connectivity requirements of NMIA that was submitted to CIDCO by NMIAL on August, 2019.

1.1 Background

Government of Maharashtra (GoM) notified CIDCO, as the nodal agency to undertake development of new greenfield airport known as Navi Mumbai International Airport (NMIA) under the Public Private Partnership (PPP) framework on Design, Build, Finance, Operate and Transfer (DBFOT) basis, for 40 years concession period. Government of India (GoI) has given its approval for development of NMIA project. Development of airport shall be carried out in four phases over a span of about 15 years between phase I operations and final phase of 60 MAP. Transport infrastructure needs to be provided in phases considering travel demand levels, ease of phase wise construction and optimisation of costs. Plan must be flexible for future phases and also ensure operability during intermediate phases. Considering above objectives, Transportation Master Plan (TMP) for NMIA is prepared based on Phase wise Airport Master Plan of NMIA. TMP shall provide policy basis for making decisions on transportation projects required for airport connectivity of NMIA to be taken up during each phase of airport development. Collection of secondary data on hourly variation of air passengers at departure terminals, daily variation, monthly variation, etc. for the year 2005 from AAI for identifying the sample size and organization of survey logistics;

1.2 Objectives

This report focuses on required regional connectivity needs of Navi Mumbai International Airport (NMIA) with respect to Project Influence Area which encompasses MMR and analyses sufficiency of transportation network. In addition, issues related to micro level connectivity in immediate transport network surrounding NMIA, within 5km radius are highlighted and solutions suggested. The broad objectives of this study are:

a) To review studies of Project Influence Area (MMR) focusing on planning parameters for regional development in order to understand probable future travel patterns for various categories of travellers to NMIA.
b) To study proposals for development in Project Influence Area of NMIA in order to estimate scale and pattern of travel demand, especially in immediate vicinity of proposed airport.
c) To review existing transport connectivity to NMIA site and examine proposals for future connectivity committed by various government agencies.
d) To estimate travel demand generated by NMIA, and developments planned in its immediate vicinity and study impact on committed road network in various phases of development of airport.
e) To assess sufficiency of committed Transport Facilities and propose augmentation, additional facility or other suitable solutions where necessary.
f) To prepare a phase-wise plan of implementation of transport proposals to enable timely intervention by transport agencies and thus achieve congestion free travel and ensure urban quality.

1.3 Approach and Methodology

Adequacy of required capacity of external transportation network is key objective for this study and requires a methodical assessment involving development of travel demand model. Modelling exercise involves three major components of travel demand – trips generated by NMIA, trips generated by other developments in immediate neighbourhood of NMIA and other trips forming the background. NMIA trips are estimated based on NMIA Master Plan for its four phases. Travel demand generated by developments proposed in

immediate neighbourhood of NMIA are based on broad land use type and FSI proposed by CIDCO. Background trips are adopted from trip matrices developed by CTS studies. JN Port traffic forecast by NHAI are updated in background traffic matrix. Traffic assignment scenarios for various phases of development are examined for service level requirements. Road links that require augmentation, as well as new required links are identified. Congestion at junctions are identified and remedial measures such as provision of signalization and/or interchange suggested. Phases of implementation of suggested additional infrastructure are spelt out in the form of an action plan which can be used by agencies for timely intervention.

1.4 Project Influence Area

Navi Mumbai International Airport (NMIA) site is located in Panvel tehsil of Raigad District of Maharashtra and within Mumbai Metropolitan Region. NMIA area is under planning jurisdiction of Navi Mumbai New Towns (NMNT) under City and Industrial Development Corporation of Maharashtra (CIDCO) within Mumbai Metropolitan Region (MMR) (Figure 1).

Project Influence Area of Navi Mumbai International Airport (NMIA) encompasses Mumbai Metropolitan Region (MMR) as air travel scenario is expected to undergo changes with development and commissioning of NMIA. Also, Development around NMIA is expected to receive a major boost thereby attracting trips from various parts of MMR. Planning studies at various levels have acknowledged influence of NMIA on land use and transport in the region and contributing in overall economic growth. Population of Mumbai Metropolitan Region (MMR) is 22.8 million as per the census data of 2011 and is projected to grow to 29.31 million by year 2031 as per Regional plan 2016-2036 (RP) published in 2016. The contribution of Greater Mumbai to MMR was 54.56% at 12.44 million during 2011. Population Projections for Greater Mumbai for 2031 are between 11.9 million (RP) and 15.99 million (CTS) with share in MMR population varying between 40.62% and 47.03%.

1.4.1 Distribution of Air Passenger Demand

Comprehensive Transport Study (CTS) was carried out by MMRDA under Mumbai Urban Transport Project (MUTP) aimed to formulate long-term transport strategy for Mumbai Metropolitan Region (MMR). This study was completed in 2008 and provided transportation plans & strategies to respond to MMR's transportation needs considering the region to reach population of 34 million residents by 2031.

Regional and Local Connectivity Plan (RLCP) for NMIA was prepared by City and Industrial Development Corporation of Maharashtra Limited (CIDCO) with the aim of providing efficient connectivity to proposed airport. This study recommended corridors that are needed to be developed and improved for enhancing Regional and Local Transport Connectivity for proposed Navi Mumbai International Airport (NMIA).

Regional and Local Connectivity Plan for NMIA (RLCP) (CIDCO, Final Report- January 2012) relies on Comprehensive Transport Studies for MMR (CTS) for population projections as inputs for estimation of travel demand for NMIA. Although scale of population growth differs in each reference document, centre of gravity of population distribution rests on Western side of NMIA location.

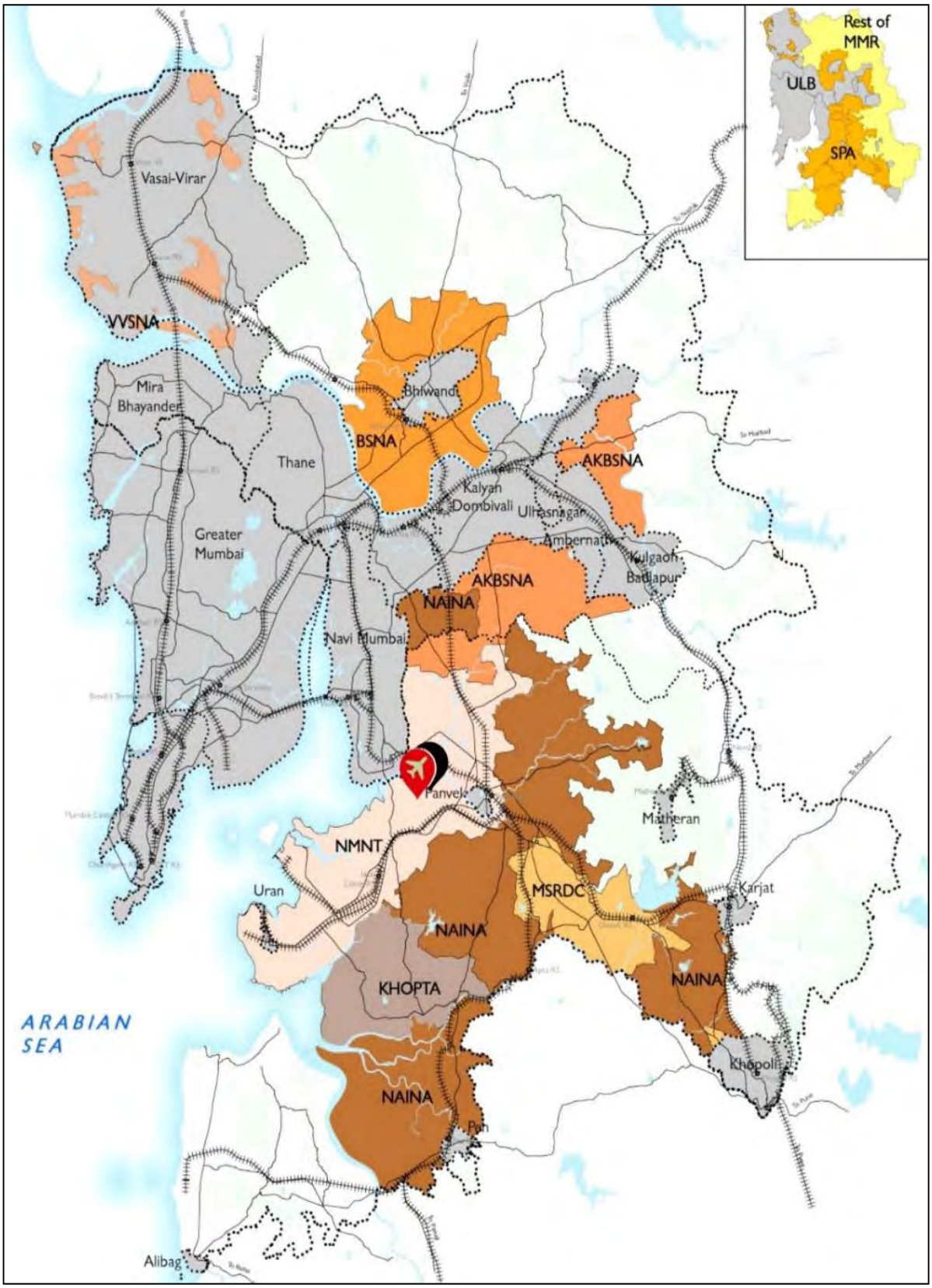


Figure 1: Cluster Wise Air Pax- 2031 Location, Access and Share of Alternatives (RLCP-NMIA)

Table 1: Cluster Wise Air Pax- 2031 Location, Access and Share of Alternatives (RLCP-NMIA)

Cluster	Location	Shortest Access path from	Alternative- 1	Alternative- 2	Alternative- 3	Alternative- 4
Island	West	West through MTHL and Ulwe Coastal road	34%	27%	13%	23%
Western Suburbs	West	West through Aamra Marg	39%	41%	20%	30%
Eastern Suburbs	West	West through Aamra Marg	8%	7%	12%	8%
CIDCO	North, East and South	West/East	4%	9%	13%	14%
Thane	North	West through Aamra Marg	2%	3%	8%	7%
Kalyan/ Bhiwandi	North East	East through NH 4C	1%	2%	16%	6%
Mira Bhayander	North West	West through WFSL, Mumbai Coastal Road/ East through Virar-Alibaug MMC	2%	2%	4%	2%
Vasai Virar	North West	West through WFSL, Mumbai Coastal Road/ East through Virar-Alibaug MMC	2%	4%	6%	2%
Rural (Karjat, Alibaug and Khopoli)	South, East	East	0%	1%	4%	3%
External	South	East	8%	5%	5%	5%
Total			**100%**	**100%**	**100%**	**100%**

RLCP-NMIA has assessed daily landside trips generated by NMIA based on air passenger demand for horizon year 2031 as per CIDCO's Airport Master plan. Four alternatives are studied and presented in RLCP-NMIA for distribution of air passenger landside trips.

a) Alternative 1: Ground Movement of air passenger travel pattern (departure) based on Air Passenger Survey 2006 (CTS for MMR);
b) Alternative 2:2031 passenger distribution based on existing passenger origin and destination patterns adjusted for population and employment growth (Modified P3E3);
c) Alternative 3: 2031 air passenger travel, based on combined population + employment distribution (Modified P3E3);
d) Alternative 4: 2031 air passenger travel, based on combined apartment population (factored by income index) + 10% office employment (Modified P3E3)

Landside passenger travel pattern of air travellers in CSMIA revealed through studies indicate that the majority of trips originate within Greater Mumbai (85%) and this pattern is redistributed based on population and employment in first three alternatives. Fourth alternative considers income level of population living in apartments and working in offices which is in consonance with established intrinsic driving factors of air travel demand. Distribution of daily passengers (for NMIA) in each alternative is given in

Table 1 with access gate corresponding to shortest route along the existing/ committed/planned transportation network.

The share of air passengers for Island city in alternative 3 which was taken up for traffic assignment in RLCP is drastically reduced vis-à-vis other alternatives. Similarly, share of Kalyan- Bhiwandi is raised exponentially from the current 1% to 16% without any explanation for the same. Alternative 4 which corroborates with air travel demand that incorporates intrinsic driving factors whilst same is not taken forward in RLCP-NMIA. In any case, access pattern for all four alternatives heavily hinges on western side of NMIA as shown in Table 2.

Table 2: Access Pattern to NMIA for all Alternatives

Access to NMIA from	Alternative-1	Alternative-2	Alternative-3	Alternative-4
West	89.65%	91.01%	73.28%	83.81%
East	10.35%	8.99%	26.72%	16.19%
Total	100.00%	100.00%	100.00%	100.00%

Future traffic generation from several developments around NMIA are not spelt out explicitly in RLCP-NMIA. Further, between RLCP-NMIA report (2012) and present (2019) lot of developments have taken place.

Even though government has embarked on expansion of Aamra Marg through MJPRCL (Mumbai JNPT Port Road Company Ltd.), this planned capacity augmentation is inadequate due to reasons mentioned above.

1.5 Developments Around NMIA

There are developments planned in immediate vicinity of NMIA and areas further down south (Figure 2) which are expected to generate significant travel demand. Residential, Commercial and Industrial development projects will gain momentum as airport begins operation. Non-Aeronautical development is proposed towards south of NMIA boundary by CIDCO in three land parcels totalling about 200 Ha area. Non-Aeronautical development is envisaged as Hotels, Offices and ITES land uses. Pushpak Nagar is a township being developed to south of Navi Mumbai International Airport at Dapoli on either side of NH348 (old NH4B) for Project affected people (PAPs) in 230 Ha with projected population of 1, 80,000.

Maharashtra Government has given in principle approval for Navi Mumbai SEZ covering an area of 1557 hectares which is proposed to be developed in Dronagiri, Ulwe and Kalamboli nodes of Navi Mumbai and will be converted to Integrated Industrial Area (IIA). IIAs shall have 15% residential area and 85% industrial land use. In view of expected travel demand due to NMIA and planned developments various projects have been committed by different agencies for enhancing the transport infrastructure.

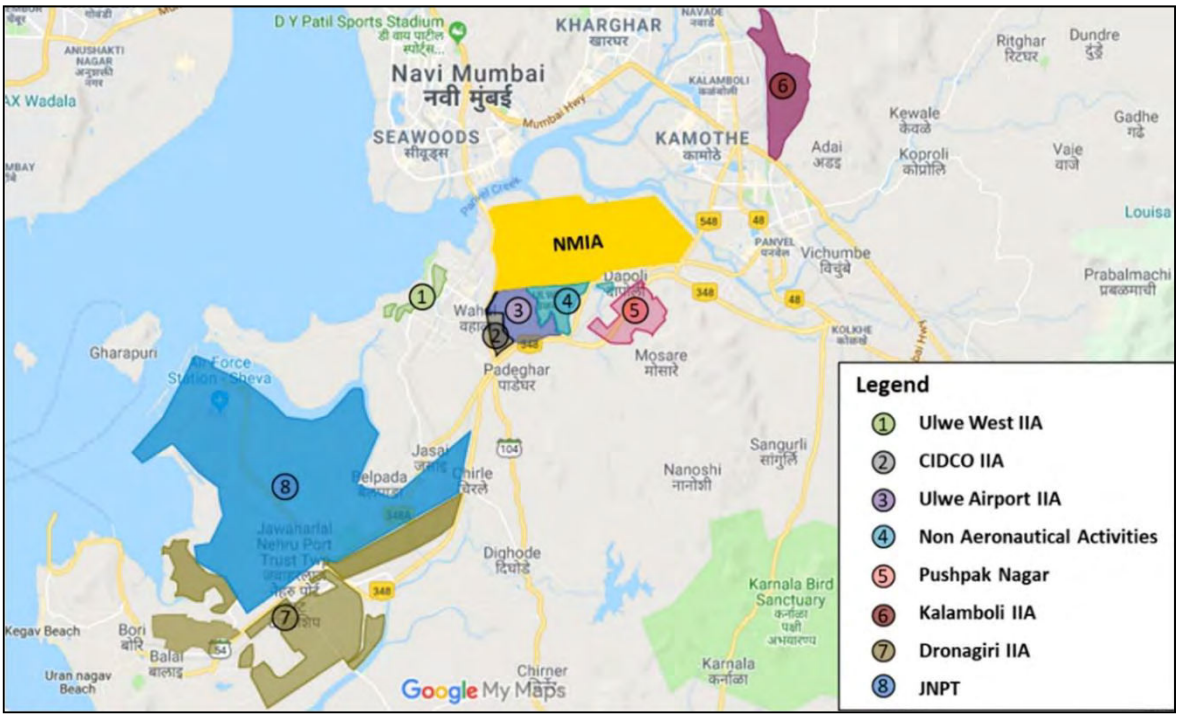


Figure 2: Developments in the immediate vicinity of NMIA

1.6 External Connectivity-Existing and Committed Transport Infrastructure

As discussed in earlier sections, Project Influence Area of Navi Mumbai International Airport (NMIA) encompasses Mumbai Metropolitan Region (MMR). Also, development around NMIA is expected to receive a major boost thereby attracting trips from various parts of the MMR.

Majority of travel demand for NMIA is expected from MCGM areas of MMR consisting of Island city, western and eastern suburbs. Adequate transport connectivity between Mumbai Mainland (MCGM) and NMIA is the most important requirement for external connectivity of NMIA. Mass transportation systems such as Metro rail are required to cater huge demand generated by airport and surrounding areas.

Metro and other rail network cannot penetrate every corner of widely spread out influence area. Roads provide wider coverage and end to end connectivity. As observed in existing airports, invariably, road based personal transport will dominate mode preference of air traveller's landside access. Travel time is precious to air traveller as any delay may result in missing flight. Therefore, it is essential that NMIA must be connected by robust network that provides seamless travel to airport and offers alternative travel choice.

1.6.1 Existing and Committed Rail based Network

- Suburban- Targhar station on Nerul-Uran Railway and Khandeshwar Station on harbour line are stations close to NMIA on existing suburban rail network.
- Fast Rail Corridor with Metro gauge- Mumbai Rail Vikas Corporation (MRVC) has proposed CSMT- Panvel fast corridor with spur to NMIA for direct connectivity of Mumbai Island city to airport.

- Metro Rail - MMRDA is exploring a metro line connecting to NMIA directly which will share lines of CSMT- Panvel fast corridor between Mankhurd and Vashi. From Vashi to Nerul (Palm Beach road station) separate corridors are envisaged. Spur link will be common to both corridors. Suburban areas of Mumbai mainland can connect with above metro line through Metro Line 2B (DN Nagar- Mankhurd) with provision of interchange at Mankhurd (Figure 3).

CIDCO is developing metro rail in Navi Mumbai on Belapur-Kharghar-Pendhar-Taloja- Khandeshwar route with a proposed extension to NMIA on east from Khandeshwar.

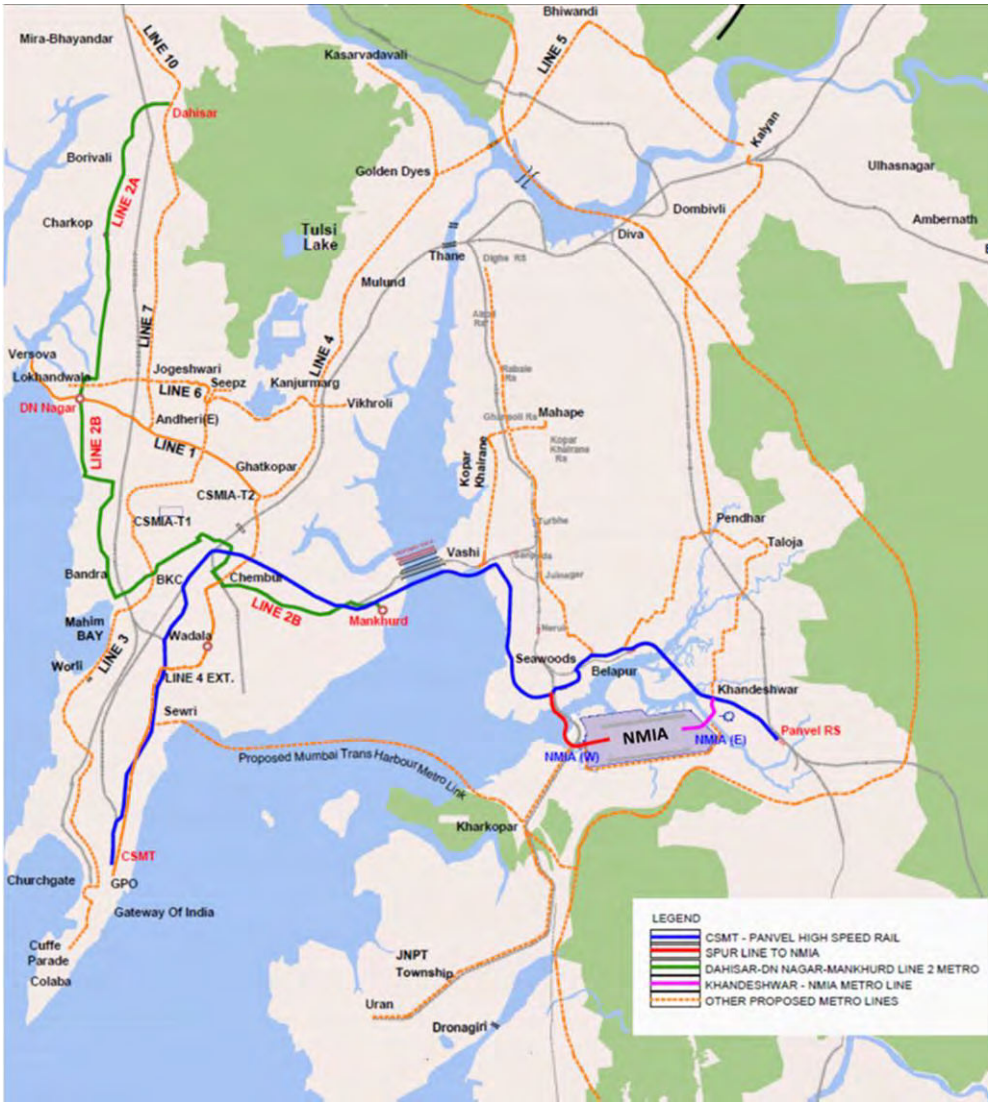


Figure 3: Future Rail based Network including proposals by various agencies

1.6.2 Existing Road Network and Committed road projects

Sion Panvel Expressway through Vashi bridge across Thane creek connects Mumbai mainland to Navi Mumbai and further through Aamra Marg (now part of NH 348 A) provides connectivity to NMIA. Ongoing Mumbai Trans harbour Link (MTHL) project will provide shorter route to Island City areas of Mumbai from Nhava Sheva located South West of NMIA. Proposed Ulwe Coastal road connects MTHL to NMIA through Western side (Figure 4).

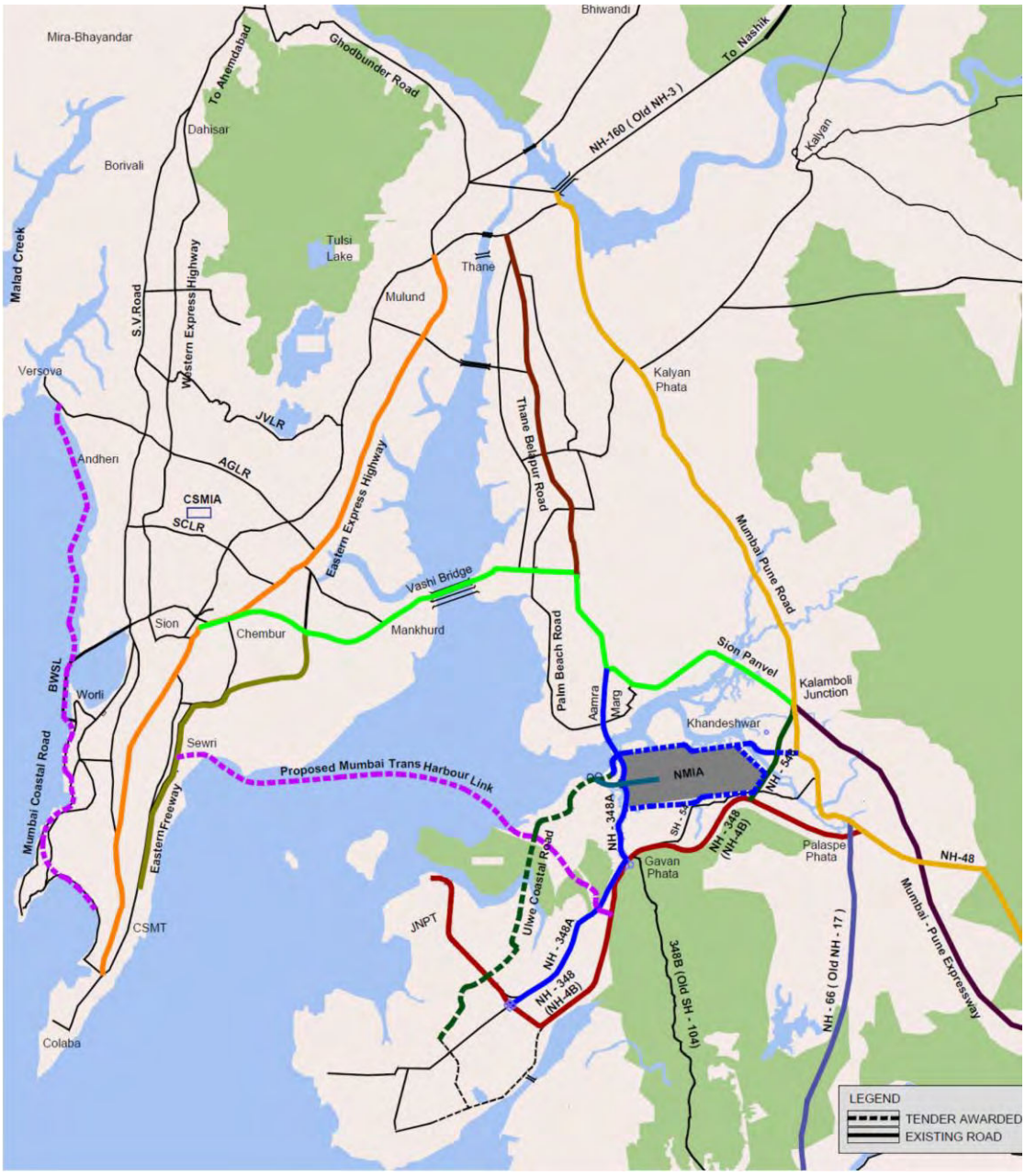


Figure 4: Existing and Committed Road Network

1.6.3 Horizon year Committed road network

Based on the discussions with officials of various implementing agencies and ongoing CTS updation studies, major road-based network/proposals and their expected year of commissioning are listed in Table 3.

Table 3: Expected Year of Commissioning of Major Roads

Sl.No.	Road	No. of Lanes	Commissioning Year (Expected)
1	Mumbai Trans-Harbour Link	3+3	2022
2	Ulwe Coastal Road	3+3	2022
3	Mumbai Coastal road	4+4	2022
4	Versova Bandra Sea link	3+3	2023
5	Airoli Katai Naka elevated road	3+3	2022
6	New Vashi Bridge	3+3	2021
7	Aamra Marg (NH 348 A)	being upgraded to 4+4	2021
8	NH 348 (NH 4B from Palaspe to JNPT)	being upgraded to 4+4	2021
9	NH 548 (NH 4B from Kalamboli to NH348)	being upgraded to 4+4	2021
10	NH 348 B (SH 104)	4 lanes proposed	2025
11	Virar- Alibaug Multimodal Corridor	4+4	2031
12	Koparkhairane Link Road	3+3	2035
	Sub- Arterial/Access Roads around NMIA		
1	North Road	4+4 with 2+2 service roads	2020
2	Western Airport Service Road	3+3	2021
3	South Road	3+3	2022
4	East Road	2+2	2020
5	Khandeshwar Railway Station to Eastern Entry of NMIA	4+4	2022

In order to understand the sufficiency of this network vis-a-vis, estimated travel demand for horizon years, Travel Demand modelling needs to be carried out and same is discussed in next section.

1.7 Travel Demand Modelling

Travel demand modelling exercise focuses on connectivity of NMIA site with respect to Project Influence Area which encompasses entire MMR. Methodology for travel demand modelling is tailored to analyse sufficiency of transportation network for connectivity of NMIA by overlapping following components of travel demand:

- **NMIA Trips**- Landside trips of air travellers, trips of employees, visitors, cargo and other trips generated by NMIA based on NMIA Master Plan. There are three passenger Terminals planned on Western Central Terminal Complex with 20 MAP capacity in order to cater total air travel demand of 60 MAP. However, Terminal 2 can accommodate passengers up to 30 MAP and same is considered in current analysis. Also, there is provision for a passenger terminal of 20 MAP capacity on the Eastern side. Therefore, in event of an increase in air travel demand in region, NMIA can serve up to 90 MAP and infrastructure within NMIA is planned to accommodate same.
- **Other development Trips**-Travel Demand generated by developments proposed in immediate neighbourhood of NMIA based on broad land use type and FSI proposed by CIDCO.
- **Travel Demand in the Project Influence area (MMR)** - Home based and non-home-based trips of passengers and freight trips forecasted for Mumbai Metropolitan Region in transportation studies of MMR and NMIA.

The methodology involves the following basic steps:

- Traffic Analysis Zone (TAZ) System is developed for Project Influence Area. VISUM software is used to model TAZ system and road network.

- For background trips, zone to zone trips of previous study (CTS) are aggregated / redistributed to TAZ System of current study.
- Peak Trips generated from NMIA and other developments are distributed in catchment area based on forecasts of future planning parameters such as Population and Employment.
- Modal split is carried out based on Benchmarking studies for NMIA users and CTS study modal forecasts for other developments.
- Road based trips are converted to vehicles using observed vehicle occupancies for various classes of vehicles in benchmarking studies and CTS studies depending on the category of trip for assignment on the road network.
- Phase wise traffic assignment is carried out. Traffic assignment for final phase in vicinity of NMIA using committed road network is given in Figure 5**.** and.

Network reference points for assignment results are shown in Figure 6. Horizon year flows are presented in Table 4.

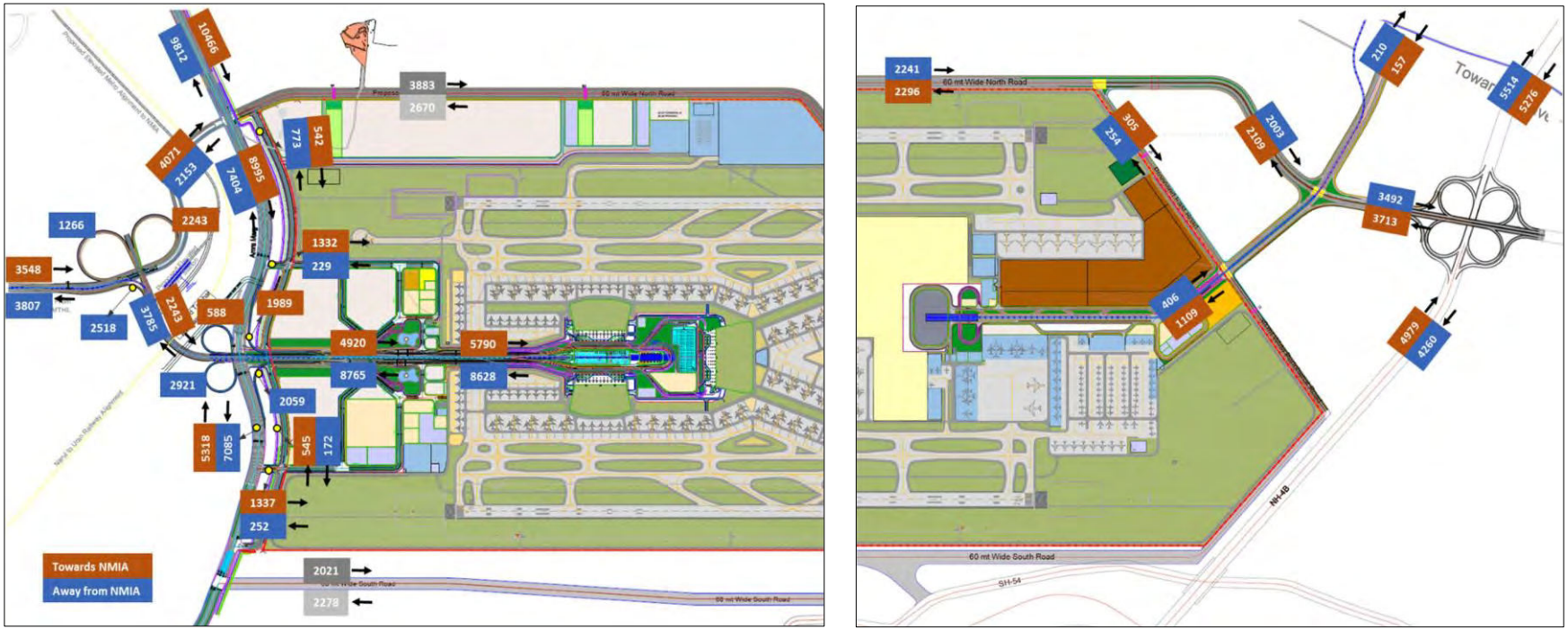


Figure 5: Traffic Assignment at Western Access (Final Phase) and Eastern Access (Final Phase)

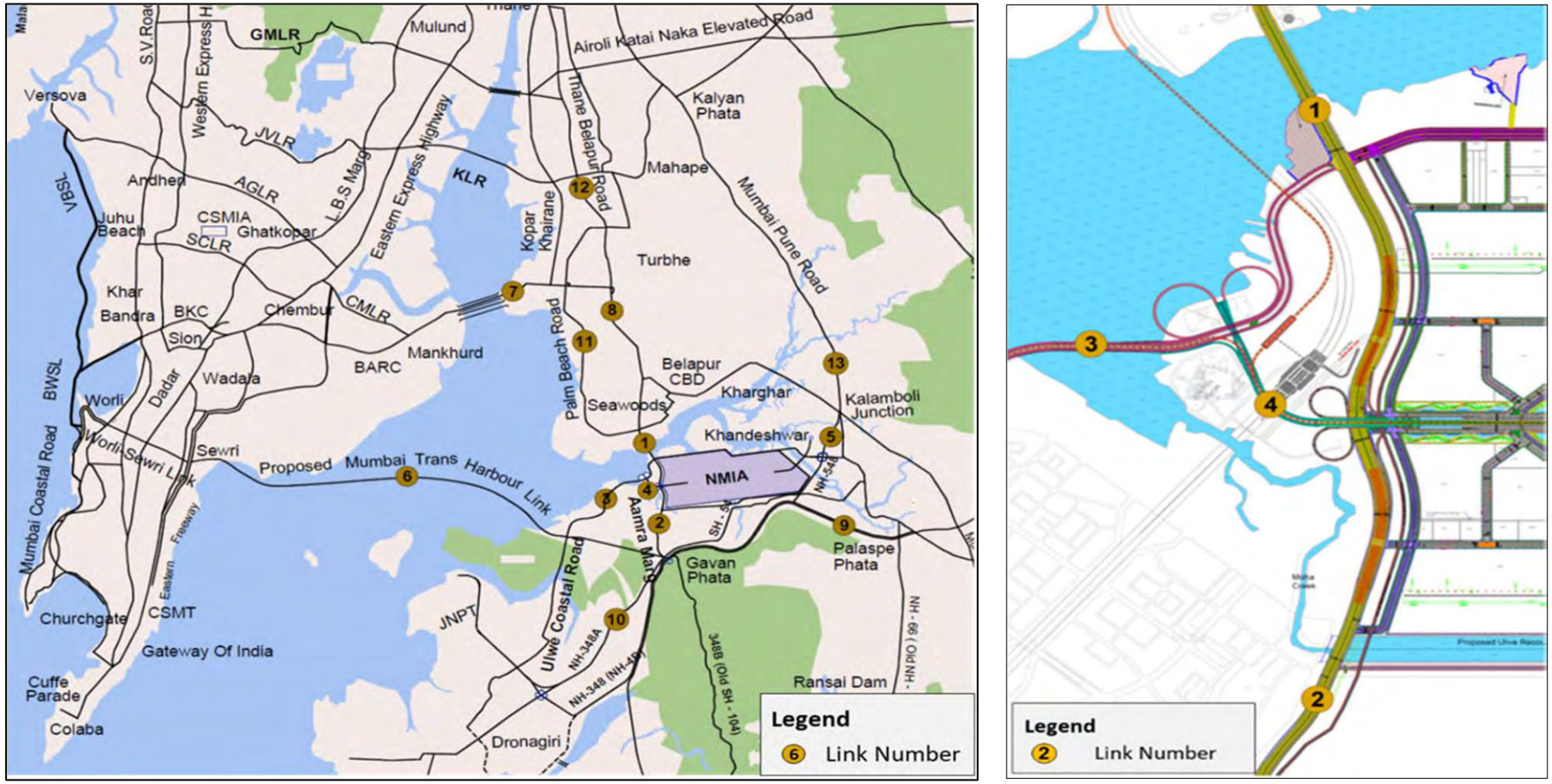


Figure 6: Horizon Year Road Network reference points for assignment results (Regional Roads) and Horizon Year Road Network reference points for assignment results (West Side Roads)

Level of service on road indicates condition of traffic flow. Level of service "C" is generally desirable for urban roads and level of service "E and F" indicate stop & go and jam conditions respectively which indicate capacity augmentation and/or alternative solutions to ease congested conditions. Considering the LOS E and F, capacity augmentation is recommended.

Table 4: Estimated Traffic Flows and LOS (Peak hour Peak direction traffic in PCUs)

Sl.No.	Road	Phase I (2022-2024)		Phase II (2025-2026)		Phase III (2027-2030)		Final Phase (2031-2037)	
		Traffic Flow	LOS	Traffic Flow	LOS	Traffic Flow	LOS	Traffic Flow	LOS
1	Aamra Marg (NH 348 A) (From Killa Junction to North Road Junction)	4095	LOS B	5991	LOS C	8825	LOS E	10466	LOS F
2	Aamra Marg (NH 348 A) (South of junction with CIDCO South Road)	3160	LOS B	4243	LOS B	5790	LOS C	6598	LOS C
3	Ulwe Coastal Road (South of airport link)	727	LOS A	1480	LOS B	3129	LOS C	3807	LOS D
4	Link between Coastal Road and Western MAR	355	LOS A	1224	LOS A	3640	LOS C	3785	LOS C
5	NH 548 (NH 4B from Kalamboli to NH348)	1786	LOS B	3173	LOS C	4549	LOS C	5514	LOS D
6	Mumbai Trans-Harbour Link	574	LOS A	1035	LOS A	2507	LOS C	3002	LOS C
7	Sion Panvel (Vashi Bridge)	5630	LOS C	6510	LOS C	8013	LOS D	9274	LOS E
8	Sion Panvel near Uran Phata	4200	LOS B	4731	LOS C	6017	LOS C	6799	LOS C
9	NH 348 (NH 4B from Palaspe to JNPT)	2429	LOS B	3111	LOS C	3765	LOS C	4319	LOS C
10	NH348A (old SH 54)	2098	LOS B	2569	LOS B	3135	LOS C	3420	LOS C
11	Palm Beach Road	2634	LOS C	3221	LOS C	4003	LOS D	4500	LOS E
12	Thane Belapur Road	3640	LOS D	4481	LOS E	5851	LOS F	6759	LOS F
13	NH 48 (Old No. NH 4)	5132	LOS E	5816	LOS F	6819	LOS F	7665	LOS F

1.8 Assessment of Transport Connectivity-Lane Requirement on Committed Road Network

Based on traffic assignments and estimated traffic flows presented in section E7, lane requirement/sufficiency and saturation of existing and committed external connectivity links to NMIA are examined and findings are presented in Table 5. As NMIA is proposed to be developed in Phases, phases wise requirements are assessed which will help all stake holders to plan and invest in different infrastructures before they reach saturation and get congested.

Table 5: Lane Requirement for major roads on Committed Road network

Sr.No.	Road	Available lanes[1]	Lane Requirement[2]			
			Phase I	Phase II	Phase III	Final Phase
1	Aamra Marg (NH 348 A) (From Killa Junction to North Road Junction)	4+4 and 2+2 service road (Except Panvel Creek Bridge section which has no service road)	4+4	5+5	8+8	9+9
2	Aamra Marg (NH 348 A) (South of CIDCO South Road)	4+4 with Service road 2+2	3+3	4+4	5+5	5+5
3	Ulwe Coastal Road (South of airport link)	3+3	2+2	2+2	3+3	4+4
4	Link between Coastal Road and Western MAR	4+4	2+2	2+2	4+4	4+4
5	NH 548 (NH 4B from Kalamboli to NH348)	4+4	2+2	3+3	4+4	5+5
6	Mumbai Trans-Harbour Link	3+3	2+2	2+2	3+3	3+3
7	Sion Panvel (Vashi Bridge)	6+6	5+5	6+6	7+7	8+8
8	Sion Panvel near Uran Phata	6+6	4+4	4+4	5+5	6+6
9	NH 348 (NH 4B from Palaspe to JN Port)	4+4	3+3	3+3	4+4	4+4
10	NH348A (old SH 54)	4+4	2+2	3+3	3+3	3+3
11	Palm Beach Road	3+3	3+3	3+3	4+4	4+4
12	Thane Belapur Road	3+3	4+4	4+4	5+5	6+6
13	NH 48 (Previous NH 4)	3+3	5+5	5+5	6+6	7+7

[1] as per existing/committed road network

[2] Lane capacity of 1200 PCU/hour with LOS C

The following observations on Lane requirement are summarised below:

1. Requirement of Additional Western Arterial Connectivity:

Vashi Bridge is being upgraded to 6+6 configuration by MSRDC. However, as per traffic assignments additional 2 +2 Lanes are required by final phase. Palm Beach Road and Sion Panvel Expressway experience a lower level of service during peak hours by final phase. All these emphasise requirement of additional western arterial connectivity between Navi Mumbai and Mumbai main land. Further, Aamra Marg, immediate arterial road for NMIA on the Western side, requires 9+9 lanes by final phase for section between Killa Junction and the junction with North road. This is discussed in detail in ensuing sections.

2. Requirement of Additional North South Arterial Connectivity:

Saturated traffic conditions are observed on Thane Belapur road by phase II, and by final phase the estimated flows during peak hour are 6862 PCUs (Table 4) and as such additional 3+3 lanes are required to cater to traffic demand. NH 48 is saturated right from phase I and requires 4+4 additional lanes by the final phase. Additional North South connectivity is thus essential. Thane-Airoli- Ghansoli- Juinagar Metro line (M21) and Kalyan- Taloja Metro line (M12) are suggested in ongoing CTS studies for MMR. These shall cater to passenger traffic along Thane Belapur and Kalyan- Panvel corridor. Western Dedicated freight Corridor connecting Dadri near Delhi to JN Port passing through Rajasthan and Gujarat will relieve the existing arterial roads along the corridor of goods traffic to a great extent including NH48. Additionally, Traffic management measures such as restriction of goods traffic on city roads may be imposed to divert regional goods traffic and relieve urban roads from congestion during peak periods.

3. Improvement Measures for Connectivity to NMIA

Based on phase wise traffic assignments and estimated traffic flows, lane requirement and saturation of existing and committed external connectivity links to NMIA are examined based on Level of Service. In order to overcome congestion, following remedial measures need to be implemented:

1.8.1 Western Connectivity

1) Aamra Marg Improvements
   a) Western Main Access Entry/exit of NMIA from Aamra Marg with two lane ramps
   b) Western Airport Service road, Connectors with Aamra Marg and two Vehicular Underpasses (3+3 Lanes)
   c) Additional 2+2 lanes across Panvel Creek Bridge
   d) Additional 4+4 lanes connectivity to NMIA (Construction of Mankhurd- NMIA higher order highway facility (called H28))
   e) Interchange at Uran Phata
   f) Interchange at Killa Junction
   g) North Road Junction Flyover
   h) South Road Junction Interchange

i) Gavan Phata interchange

2) Elevated Mankhurd – Palmbeach - NMIA Higher Order Highway link to NMIA (H28) (4+4 Lanes)
3) Ulwe Coastal Road connectivity to NMIA with Interchange facility
4) North Road (4+4 Lanes with 2+2 lane service roads)
5) South Road (3+3 Lanes)
6) Khandeshwar - NMIA Eastern Entry Road (4+4 Lanes)

1.8.2 Eastern Connectivity

1) East Road (2+2 Lanes)
2) Eastern connection with NH 548
3) Interchange at Kalamboli Junction
4) Interchange at D Point Junction

1.8.3 Other Facilities

1) Truck Terminal near NMIA

1.8.4 Metro Rail Connectivity

1) Mankhurd- NMIA (West) Metro Line- Interchange facility at Mankhurd to connect with Metro Line 2B as well as CSMT-Panvel fast corridor
2) CSMT – Panvel Fast Corridor with Nerul (Palm Beach Station) - NMIA (West) spurline
3) Khandeshwar – NMIA(East) Metro Line

Junctions proposed in vicinity of NMIA are shown in Figure 7. Peak hour traffic assignment on the junction arms and suggestions for improvement/ interchange/ traffic management are presented for each of these junctions in following sub-sections.

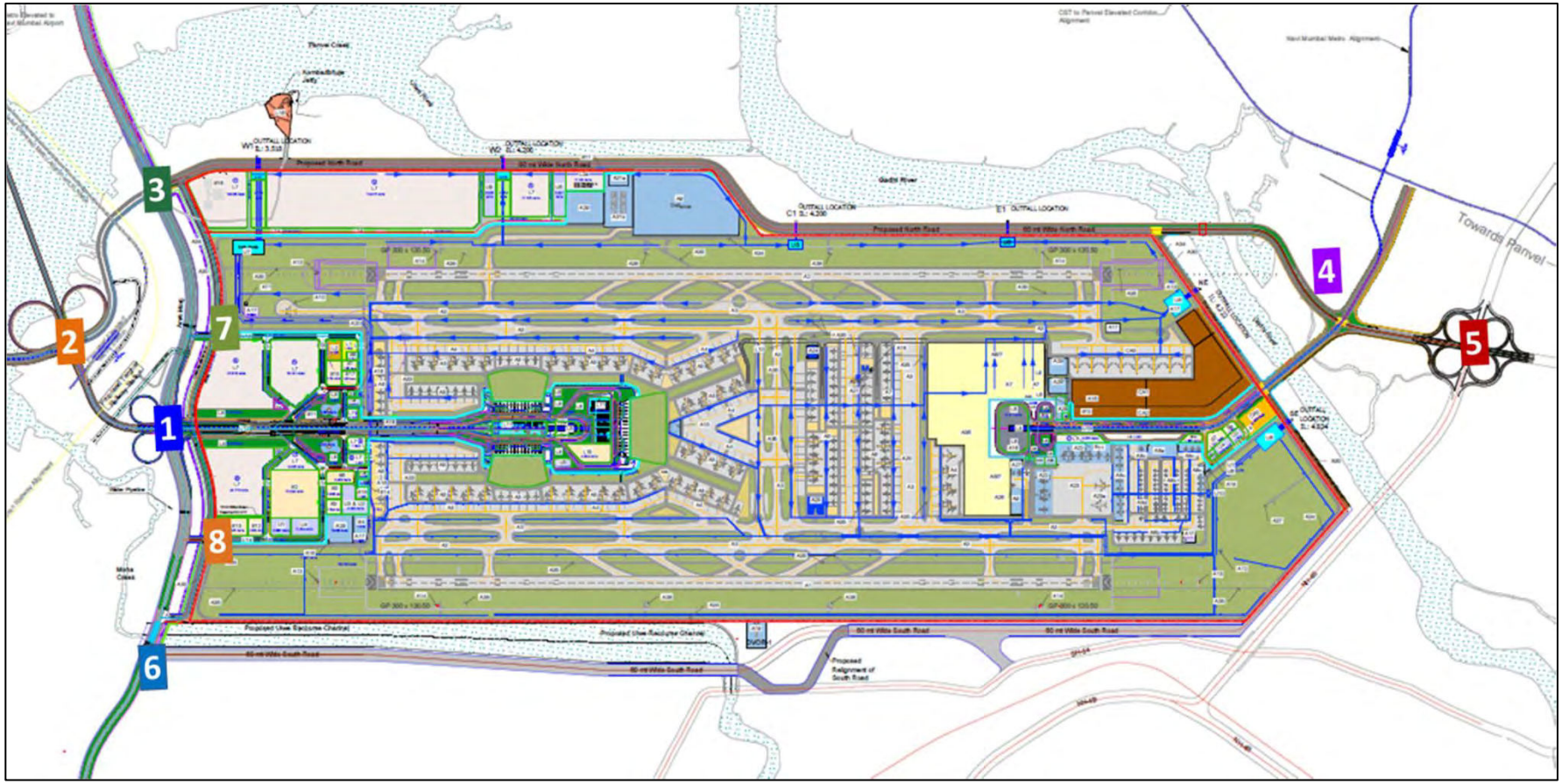
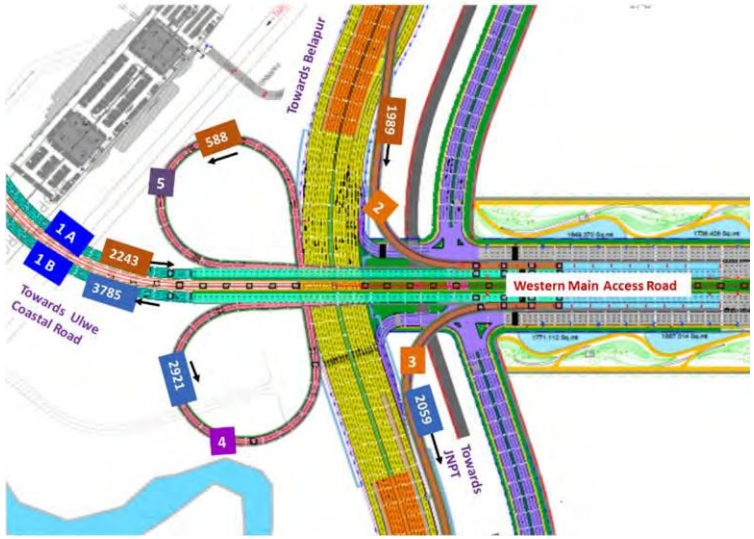


Figure 7: Proposed Junctions near NMIA

Table 6: Recommendations for Proposed Junctions

<table>
<tr><th>Junction</th><th>Peak Traffic Volumes in PCU</th><th>Recommendations (Phases with reference to NMIA development)</th></tr>
<tr>
<td>1.
Western Main Access Entry</td>
<td> 

Traffic Volume (without Elevated Palm Beach Higher Order link (H28) scenario)</td>
<td>
<table>
<tr><th>Link No.</th><th>Interchange Arm Description</th><th>Recommended Lanes</th></tr>
<tr><td>1 A & 1B</td><td>Elevated Link between Ulwe Coastal Road and NMIA Western Main Access Road</td><td>4+4</td></tr>
<tr><td>2</td><td>Ramp from Aamra Marg North to NMIA Main Access Road</td><td>2</td></tr>
<tr><td>3</td><td>Ramp from Western Main Access Road of MAR to Aamra Marg south JNPT direction</td><td>2</td></tr>
<tr><td>4</td><td>Loop ramp from Western Main Access Road of MAR to Aamra Marg North direction</td><td>3</td></tr>
<tr><td>5</td><td>Loop ramp from Aamra Marg South direction to Western Main Access Road</td><td>2</td></tr>
</table>
Interchange with above requirements are recommended to be constructed in Phase I.
</td>
</tr>
</table>

<table>
<tr><th>Junction</th><th>Peak Traffic Volumes in PCU</th><th>Recommendations
(Phases with reference to NMIA development)</th></tr>
<tr><td>2.
Ulwe Coastal Road Junction with Elevated Link to NMIA</td><td>
</td><td>
<table>
<tr><th>Sr. No.</th><th>Junction Arm Description</th><th>Phase</th><th>Lane Requirement</th></tr>
<tr><td>1</td><td>Loop ramp from Ulwe Coastal road to NMIA</td><td>I</td><td>2</td></tr>
<tr><td>2</td><td>Ramp from NMIA to Ulwe Coastal road (South)</td><td>I</td><td>2</td></tr>
<tr><td>3</td><td>Ramp from NMIA to Ulwe Coastal road (North)</td><td>I</td><td>2</td></tr>
<tr><td>4</td><td>Ramp from Ulwe Coastal road to H28</td><td>III</td><td>2</td></tr>
<tr><td>5</td><td>Ramp from H28 to Ulwe Coastal road</td><td>III</td><td>2</td></tr>
<tr><td>6</td><td>Elevated Link between Ulwe Coastal Road and NMIA Main Access Road</td><td>I</td><td>4+4</td></tr>
<tr><td>7</td><td>H28 Link from Palm Beach Road</td><td>III</td><td>4+4</td></tr>
</table>
</td></tr>
</table>

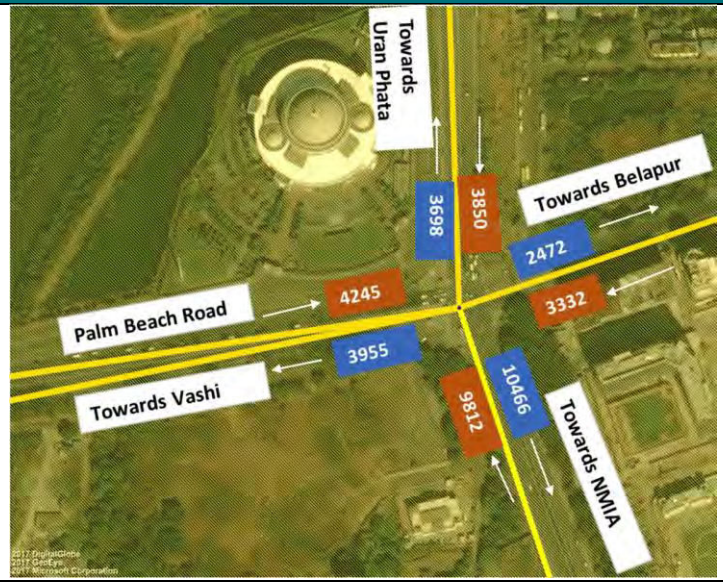
Junction	Peak Traffic Volumes in PCU	Recommendations (Phases with reference to NMIA development)
3. Junction of Aamra Marg with North Road and Ulwe Coastal Road		This junction shall have a 4+4 flyover (MJPRCL project) for through traffic on Aamra Marg in Phase I itself. East west traffic movement and traffic between Aamra Marg and either of intersecting roads shall move at-grade with appropriate signalisation below VUP.
4. Eastern Access Junction with North Road		Appropriate signalisation with junction design needs to be provided for junctions in order to avoid chaotic traffic conditions.

Junction	Peak Traffic Volumes in PCU	Recommendations (Phases with reference to NMIA development)
5. Eastern connection with NH 548		Interchange is being developed under MJPRCL project (Package V) which is in DPR stage. Other interchange options are also being considered for this junction. Interchange is expected to be available for traffic by 2024. Alternatively, an at grade signalized junction can be provided in initial phases and as traffic intensity increases it can be upgraded to interchange as it caters to both heavy and light vehicles. However, land provision for full cloverleaf should be made
6. Junction of Aamra Marg with South Road		This junction is gateway to developments such as Non-Aeronautical and Integrated Industrial Area, it necessitates free flowing turning movements without any conflicts to avoid congestion on Aamra Marg. Therefore, land should be reserved at this junction for suitable interchange facility.

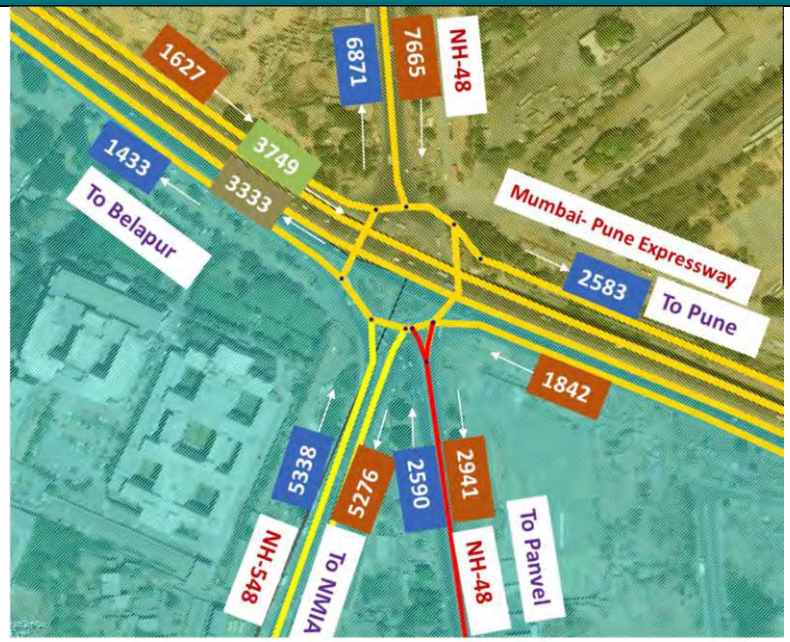
4. Junction Improvement

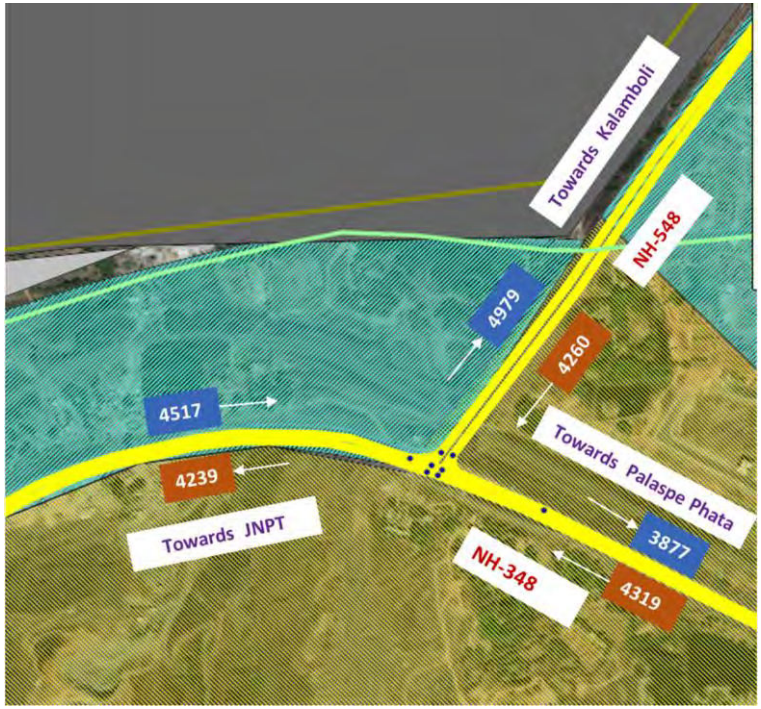
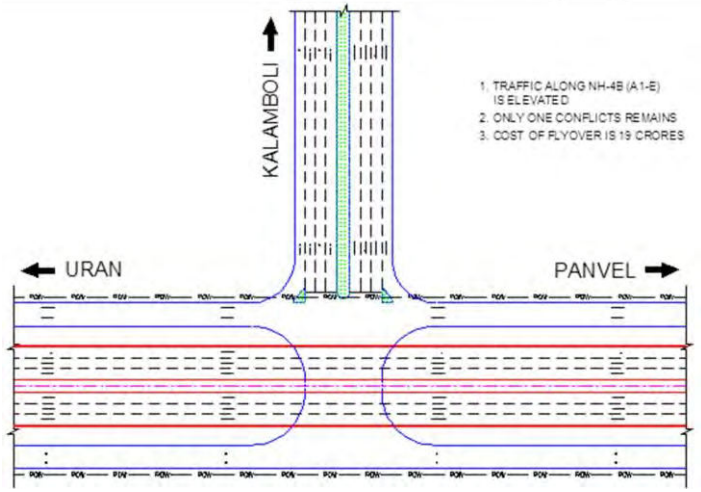
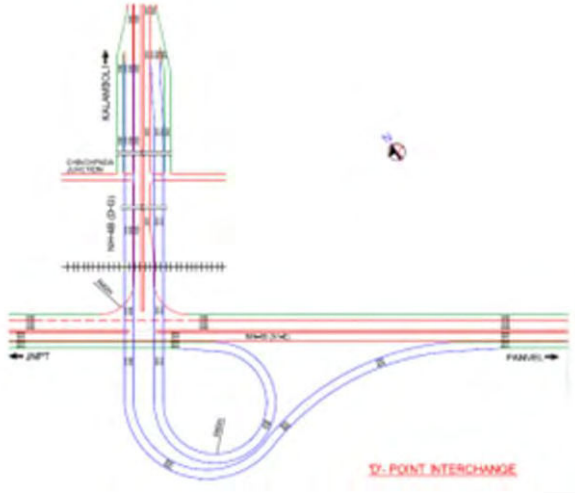
In order to minimize delays at junctions, turning movements at major junctions were assessed to plan and mitigate problems. This not only helps in reducing congestion but also helps planners, city administrators in taking advance action. Peak hour traffic assignment on junction arms and suggestions for improvement/interchange/traffic management are presented for each of these junctions in Table 7.

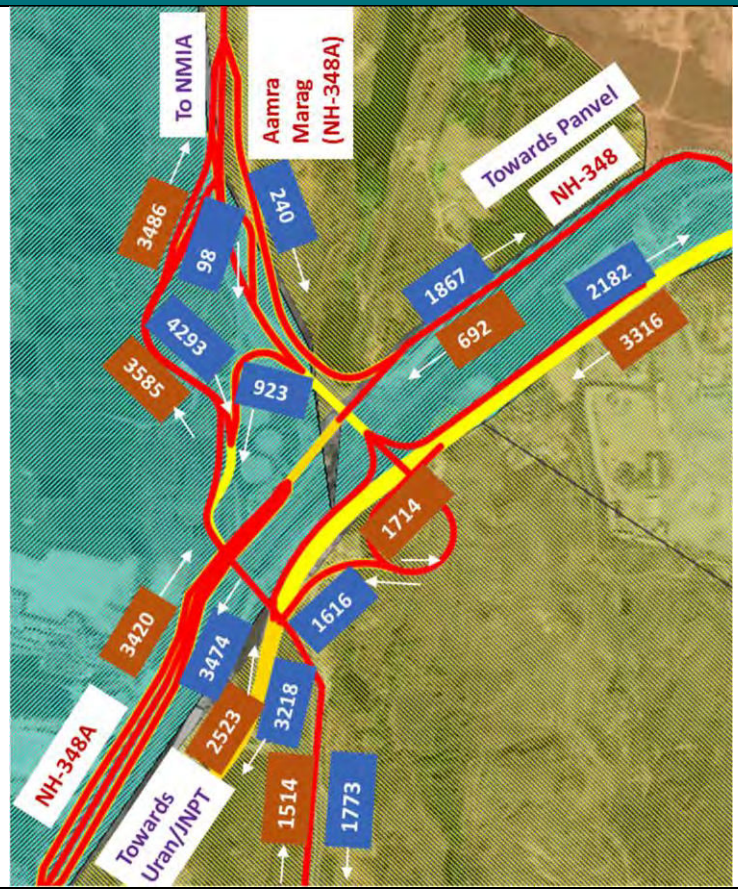
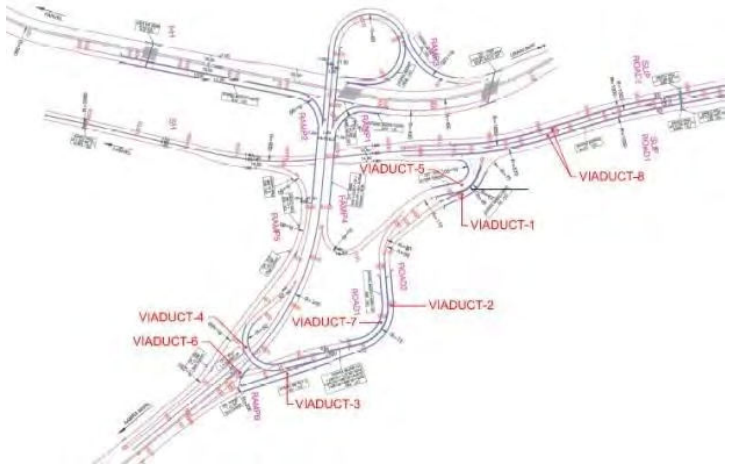
Table 7: Junction Improvement Measures

Junction	Peak Traffic Volumes in PCU (Final Phase)	Recommended Improvement Measures
Killa Junction (Junction of Aamra Marg with Palm Beach Road)		Interchange ramp for traffic from Palm beach road to NMIA being considered in MJPRCL phase V project. **Option 3 – Underpass - Loop** • Underpass followed by a Loop • Merges with (Thane - JNPT) flyover • No of lanes-2 lane divided (dual carriageway) • Shoulder – 1 m

Junction	Peak Traffic Volumes in PCU (Final Phase)	Recommended Improvement Measures
Uran Phata on Sion Panvel Highway		Trumpet interchange option needs to be explored for this junction such as a dedicated loop ramp for Traffic from Sion Panvel Highway North Arm (Vashi /Mumbai) to Aamra Marg (NMIA).

Junction	Peak Traffic Volumes in PCU (Final Phase)	Recommended Improvement Measures
Kalamboli Junction		Partial PINAVIA interchange along with 3+3 underpass for NH 48 to NH 548 as shown below will help reduce congestion at very busy Kalamboli junction.

Junction	Peak Traffic Volumes in PCU (Final Phase)	Recommended Improvement Measures
D Point - Kopar (Junction of NH548 with NH348)		 D Point - Junction plan – Existing MJPRCL project plan D Point - Trumpet Interchange option to be developed by Phase III 

Junction	Peak Traffic Volumes in PCU (Final Phase)	Recommended Improvement Measures
Gavan Phata		 Interchange is planned as part of MJPRCL project which is under construction/implementation. Number of lanes on interchange arms are sufficient as per traffic assignment except for arm from JNPT side on NH348 A to NMIA side on Aamra Marg which includes two lane viaducts (viaduct1, viaduct 2 and viaduct 3) will experience lower level of service during peak hour.

1.9 Phase wise Implementation of Proposed Transport Infrastructure

Proposed action plan for phase wise implementation of transportation infrastructure projects is presented in Table 8 which helps authorities to plan and action as per travel demand and further help in timely implementation to reduce congestion, improve safety and quality of urban living.

Table 8: Phase wise Transport Infrastructure Requirement

Sl.No.	Name of Transportation Infrastructure / Improvement	To be developed by NMIA Development Phase			
		I	II	III	Final Phase
	External Roads & Interchanges				
1	Aamra Marg widened to 4+4 lanes (by MJPRCL)- VUPs ,flyovers, Gavan Phata Interchange	✓			
2	Western Interchange on Aamra Marg (Partial Cloverleaf) (by MJPRCL)	✓			
3	Western Service Road and connectors to Aamra Marg	✓			
4	Mumbai Trans Harbour Link (MTHL) (by MSRDC)	✓			
5	Ulwe Coastal Road (by MMRDA)	✓			
6	Ulwe Coastal Road Interchange (Partial Cloverleaf) (by CIDCO)	✓			
7	Vashi Bridge expansion (6+6) (by MSRDC)	✓			
8	North Road (by CIDCO)	✓			
9	East Road and South Road (by CIDCO)	✓			
10	Eastern link to NH548 (by MJPRCL)	✓			
11	Khandeshwar- Eastern MAR Entry (by CIDCO)	✓			
12	Virar- Alibaug MMC (Virar- Balavali section) (by MMRDA)		✓		
13	Panvel Creek Bridge Expansion (MJPRCL)		✓		
14	Interchange at Kalamboli (by MJPRCL)		✓		
15	Interchange at Uran Phata (by MSRDC)		✓		
16	Interchange at D Point (by MJPRCL)		✓		
17	Eastern Interchange (by MJPRCL)		✓		
18	Elevated Mankhurd- NMIA Highway Link H28 (4+4) lanes (by MMRDA)			✓	
19	Interchange ramps from H28 to Ulwe Coastal Road (by MMRDA/CIDCO)			✓	
20	Virar- Alibaug MMC (Balavali - Alibaug section) (by MMRDA)				✓
21	Truck Terminal in Dronagiri or suitable Area (by CIDCO)	✓			
	Rail based Projects				
1	Seawoods-Uran Suburban service (by CIDCO)	✓			
2	Metro Line- CBD Belapur- Pendhar (by CIDCO)	✓			
3	Metro Line 2B (by MMRDA)		✓		
4	Metro lines-Khandeshwar - Taloja MIDC, Pendhar- Taloja (by CIDCO)		✓		
5	CSMT- Panvel with spur to NMIA (by MRVC)			✓	
6	Mankhurd - NMIA Metro Link (by MMRDA)			✓	
7	Metro line-Khandeshwar to NMIA (East) (by CIDCO)				✓

Annexure 1-5

Minutes of the Stakeholders meeting held on 6th Nov., 2019 on Draft Final Report and Stakeholder's Views/ Suggestions/ Comments

CASA file

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:
"NIRMAL", 2nd Floor, Nariman Point,
Mumbai - 400 021.
PHONE : 00-91-22-6650 0900
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HEAD OFFICE:
CIDCO Bhavan, CBD Belapur,
Navi Mumbai - 400 614.
PHONE: 00-91-22-6791 8100
FAX : 00-91-22-6791 8166

Ref. No. ***Date :***

CIDCO/T&C/CT&CP/2019/SAP- 1010 24th Oct 2019

To
As per List Attached

Sub: - Stakeholder Consultation on Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)
- Draft Final Report submitted by M/s. Lea Associates South Asia (LASA)

Dear Sir/Madam,

As you are aware, CIDCO is nodal agency appointed by Govt. of Maharashtra for development of Navi Mumbai International Airport (NMIA). CIDCO, through MMRDA is carrying out *"Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA)"* with the assistance of M/s. Lea Associates South Asia Pvt. Ltd.(LASA) as a part of complying condition of Environmental and CRZ clearance for NMIA.

Consultant (LASA) has carried out the above study and now we are in receipt of Draft Final Report for review by the stakeholders. Meeting of stakeholders is scheduled to be held under the Chairmanship of Hon'ble VC&MD, CIDCO as follows:

- **Date & Time** **6th November 2019 (Wednesday) at 11:30am**
- **Venue** **2nd Floor, Conference Room, CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400614**

A copy of the Draft Final Report is enclosed for your kind perusal. You are requested to depute concerned officials for above stakeholder meeting.

Thanking you

Yours Sincerely,

Encl: Draft Final Report

(Soma Vijayakumar)
Chief Transportation and Communication Planner

In case of any corruption related complaints, please visit :
www.cidco.maharashtra.gov.in Click on Dakshata link

1	Metropolitan Commissioner; M.M.R.D.A. Office Building, Bandra-Kurla Complex, C-14 & 15, E Block Bandra (East), **Mumbai - 400 051.**	7	Secretary (Roads), Public Works Department, Mantralaya, **Fort, Mumbai-400032.**
2	Chairman, Mumbai Port Trust, Port House, Shoorji Vallabhdas Marg, Ballard Estate, **Mumbai 400 001.**	8	Dy. Commissioner of Police (Traffic), Navi Mumbai, 7th Floor, Konkan Bhavan, Ext. Building CBD-Belapur, **Navi Mumbai 400614.**
3	Chairman, Jawaharlal Nehru Port Trust, 1107, Raheja Centre, FPJ Marg, Nariman Point, **Mumbai 400021**	9	CGM & RO, National Highways Authority of India, Regional Office-Maharashtra, 4th Floor, MTNL Telephone Exchange Building, Opp CBD Belapur Railway Station, CBD- Belapur, **Navi Mumbai-400614.**
4	Vice Chairman & Managing Director, MSRDC, Maharashtra State Road Development Corporation Ltd. Nepean Sea Road, Priyadarshini Park, **Mumbai 400 036**	10	Chairman & Managing Director, Mumbai Railway Vikas Corporation Ltd. Church gate Station Bldg., 2nd Floor, **Mumbai 40002.**
5	Commissioner of Police, Navi Mumbai, Opposite RBI, Sector No 10, CBD-Belapur, **Navi Mumbai - 400614**	11	Commissioner, Panvel City Municipal Corporation, Swami Nityanand Rd, Old Panvel, Panvel, **Navi Mumbai - 410206**
6	Commissioner, Navi Mumbai Municipal Corporation Sector-15 A,Palm Beach Junction, CBD Belapur, Navi Mumbai, **Maharashtra-400614**	12	General Manager, Central Railway, Dr. Dadabhai Nooroji Road, Chhatrapati Shivaji Maharaj Terminus Area, Fort, **Mumbai -400 001**

CHIEF ENGINEER
MUMBAI PORT TRUST
Port House,
Shoorji Vallabhdas Marg,
Ballard Estate,
Mumbai - 400 001.
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MUMBAI PORT TRUST

CIVIL ENGINEERING DEPARTMENT

मुख्य अभियंता
मुंबई पोर्ट ट्रस्ट
पोर्ट भवन
शुरजी वल्लभदास मार्ग
बेलार्ड इस्टेट
मुंबई - 400 001.
दूरध्वनी क्र. 66564031

1579

CIDCO NIRMAL
Inw. No. G/NT/O/UO
No.
Date 18/12/19
Marked To 7663
G.M. M.D.

CE.L/1-1(SPA)/ 6534

16 DEC 2019

By Regd. AD

To,
Chief Transportation &
Communication Planner,
City and Industrial Development
Corporation of Maharashtra Ltd,
Nirmal, 2nd floor, Nariman Point,
Mumbai – 400 021

Sub :- Stakeholder Consultation on Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA). – Draft Final Report submitted by M/s.Lea Associates South Asia (LASA)

Ref :- Your office letter bearing No.CIDCO/T&C/CT&CP/2019/SAP-1010 dtd.24.10.2019.

This office has perused the report on Detailed Traffic Management and Traffic Decongestion Plan for Navi Mumbai International Airport (NMIA) prepared by M/s.Lea Associates South Asia (LASA) and the presentation given during the stakeholder meeting held on 06.10.2019. Our observations are as follows :

1. As regards, water transport connectivity from Mumbai to NMIA, the issue was discussed in the meeting of Committee on Development of Eastern Waterfront held on 08th May, 2019. Accordingly, it was decided to develop the area which has been leased to Tata Daewoo for MTHL project by MMB. GVK – CIDCO to provide detailed plan of passenger water transport terminal and connectivity to airport. MMB was also advised to explore the development of RO PAX berth in future at the proposed site. The said decision need to be examined by the consultant M/s.LASA. A copy of the minutes is enclosed.
2. It appears that the consultant has forecasted the passengers travelling from Mumbai to NMIA on the basis of the present trend of the population. MbPT is developing the Eastern Waterfront as a new township which will house about 3.23 lakhs residential population and the total population including commercial tourist and floating is expected to be around 10.95 lakhs. It is felt that the said population, if not considered, be evaluated while arriving at the future passenger trips from Mumbai to NMIA. A table showing the population estimation for Master Plan of MbPT is enclosed

Yours faithfully,

(R. Murugadoss)
CHIEF ENGINEER

D. A. :- As above

CIDCO Ltd.
T&C/CT&CP
Inward No. SAP-9663
Date. 20/12/19

Minutes of the Meeting of Committee on Development of Eastern Waterfront held in the Board Room of Mumbai Port on 8th May 2019 at 1600 Hrs.

A meeting was held in the Board Room to discuss issues related to development of Eastern Waterfront –

1) **Purchase of ROPAX Vessel –**

Chairman, MbPT enquired about the status of tender. It was informed that invitation of bids date has been extended upto 15.5.18 as there has been no response till date. Advisor (Marine) MbPT informed that at the time of pre-bidding, prospective bidders had requested 70% of the value prior departure of the vessel and balance 30% on arrival of the vessel at Mumbai. After discussion, it was decided to modify the payment term, that successful bidder will be paid 70% of the value at the time of departure of the vessel but is to be backed by the Bank Guarantee in favour of Mumbai Port Trust and balance 30% on arrival of the vessel.

During discussion it was brought out that Mb PT can avail of SCRIP. Whereas SPV cannot avail of the benefit. It was decided that ownership of ROPAX will be with MbPT and operations and management will be with MMB.

ACTION: D.C. MbPT/MMB.

2) **MEMORANDUM OF UNDERSTANDING –**

Draft MOU was circulated among MMB, CIDCO and JNPT for comments. In the draft MOU, it was stated that a separate MOA will be entered into for operations and management of ROPAX. Chairman directed that MOU should encompass all aspects, including purchase funding, ownership, opening of bank account, operation and management of vessel.

ACTION: SR. LEGAL ADVISOR, MbPT, MMB/CIDCO/JNPT.

3) **Jetty for New Airport –**

CIDCO & GVK (the concessionaire) gave presentation on layout of airport, arrival and departure counter area etc. Various options of location for jetty were evaluated. After discussion it was decided to develop the area which has been leased to TATA-DAEWOO for MTHL Project by MMB. GVK-CIDCO to provide detail plan of passenger water transport terminal and connectivity to airport. MMB was advised to explore development of ROPAX berth in future at the proposed site.

ACTION: CIDCO/MMB

4) **ROPAX JETTY AT BELAPUR –**

CIDCO was asked about the status of construction and also whether the jetty will encroach into the channel thereby water transport up the creek will be hindered. KASHEC Consultant was asked to provide drawing superimposed on hydrographic chart. After discussion, Chairman directed to undertake joint visit of Nautical Adviser MMB, Advisor (Marine) (MbPT) alongwith CIDCO official of Kashec Consultant at the site to verify construction.

ACTION: CIDCO/MMB

5) **Radio Club Jetty –**

Capt. Khatri informed that Geophysical tests, siltation study and design of jetty has been completed. Report will be available by next week. Chairman directed to proceed with the planned project. In case any difficult to bring to the notice of Committee.

ACTION: MbPT/MMB

6) **Coastal Tourism -**

Chairman directed MMB to liaise with MTDC for suitable locations. MMB informed that they have identified four locations at Dighi, Jaigad, Bhagwati Bunder (Ratnagiri) and Malwan for coastal tourism. Chairman directed MMB to liaise with MTDC for suitable location.

ACTION: MMB/MTDC

7) **Approach Road to Mandwa Passenger Terminal –**

Chairman directed MMB to take up with Distt. Collector and PWD for issues regarding road widening and modification of entrance pillars.

ACTION: MMB

8) **Water Taxi –**

Capt. Chand, D.C. MbPT & Capt. Khatri, Nautical Advisor informed that there were issues regarding passenger insurance. Same is being sorted out and taxis will operate post-monsoon. Chairman directed that applications may be invited for Water Taxi operations to other locations.

ACTION: MbPT/MMB

9) **Harbour Cruises –**

Single bid received and bid scrutinisation under process.

ACTION: MbPT.

10) **Development of Passenger Water Transport –-Vashi -Thane Creek**

Chairman directed Advisor (Marine) MbPT and Nautical Advisor, MMB, to assess viability of passenger water transport and put up a project report.

Population Estimation for Master Plan area

No.	Division	Residential Population (4.2 Household size)			Total Residential Population	Commercial Population (10 sqm/employee)	Industrial Population (150 persons/ha)	Total Employment Generation	Total	Floating (20%)	Tourists	Grand total
	Gross FAR >>	DU 75 sqm	DU 60 sqm	DU 30 sqm								
1	Redevelopment site- I (Cotton Green)	92,610	-	-	92,610	323,715	-	323,715	416,324	83,265	65,000	564,589
2	Cotton Green Area (excluding Redevelopment site- I)	17,013	6,664	16,688	40,365	46,783	17,599	64,382	104,747	20,949	-	125,696
3	Wadala Area	28,354	61,370	61,370	151,095	16,073	3,290	19,362	170,457	34,091	-	204,549
4	Elphinstone Area	22,736	1,148	-	23,884	60,900	-	60,900	84,784	16,957	-	101,741
5	Bhaucha Dhakka Area	15,798	-	-	15,798	66,335	361	66,696	82,494	16,499	-	98,993
	Total				*323,751*			*535,055*	*858,806*	*171,761*	*65,000*	*1,095,568*

O.W. No. 103 /2020
Office of
the Deputy Commissioner of Police,
Traffic, Navi Mumbai
Date :- 15 /01/2020

To

The Chief Transportation & Communication Planner, CIDCO,
Navi Mumbai.

Sub: - Suggestions to be taken into account while constructing Navi Mumbai Airport, surrounding roads & infrastructure.

Sir,

With reference to the above mentioned subject, I have to inform you that our traffic officers have studied your plan & presentation regarding construction of Navi Mumbai Airport, surrounding roads & infrastructure in the jurisdiction of Navi Mumbai Commissionarate. I would like to request you to take the following suggestions into account while implementing the plan of the Navi Mumbai Airport, surrounding roads & other infrastructure so that the traffic can be managed without any hazard and congestion.

1) Grade separation (e.g. multiple flyovers) to be provided at Killa junction, D point, Kalamboli junction & Palspe junction.
2) Airport bound traffic to be segregated from truck/container traffic going to JNPT.
3) All major junctions should have supporting infrastructure for buses, rickshaws, taxis etc.
4) MH-4 highways going to Shilphata to be widen.
5) Service roads along Sion Panvel highway as well as along Palm Beach road to be built.
6) Jasai junction and Dastanphata are heavily congested and the same to be widen.
7) Alternate road from Ulwe to JNPT to be constructed.
8) Sufficient parking spaces to be provided at all Metro Stations.
9) Provisions of grade separation for pedestrian across all arterial roads and highways every 150 metres wherever there are developments on both sides of the road.

sent to CATA pl. file. 2011

CIDCO Ltd. T&C/CT&CP Inward No. BNP-1238 Date 15/01/2020

ATE(NMEA)

10) The Vashi creek bridge has three lanes on each side and more three lanes have been proposed by the authorities. The same to be built at earliest.

11) Electronic toll collection system based on Radio Frequency Identification system to be installing at Vashi Toll plaza.

12) Ferry boat services should be made available for commuters travelling from to Mumbai to Navi Mumbai.

13) Elevated bridge to be built at Jui nagar and Palm beach junction.

14) Elevated bridge to be built at Organza and Kopari junction.

15) All the main junctions i.e Moraj junction, Sarsole junction, Vajrani junction, T.S. Chankya junction, Akshar junction, NRI junction, Sector-50E junction should have elevated bridges and underpasses wherever required.

16) The proposed 6 Km. long costal road to join the Kharghar node with the International Airport via CBD to be built at earliest.

17) The proper drains to be constructed along Sion Panvel highway, Palm Beach road, Amara Marg, NH-4 and other roads which will enable the storm water discharge to be efficiently drained out from the core area of the Airport and Navi Mumbai city.

18) Storm water outlets are generally choked by encroachment, dumping of garbage or silt and hence de silting of the storm water drains should be done.

19) CCTV cameras to be installed at all junctions and connected with Navi Mumbai Traffic Police control.

20) Sion Panvel highway & Thane Belapur highway to be widen.

21) Two skywalks should be built at Turbhe store.

22) Elevated bridges should be built at all junctions on Palm Beach road.

23) Flyover bridges to be built at Kalamboli circle.

24) NH-48 highway (JNPT-Kalamboli) has 6 lanes but Panvel Mumbra road has only 4 lanes and therefore 2 additional lanes to be constructed on Panvel Mumbra road.

25) Flyover to be constructed at Rodpali junction on Panvel Mumbra road.

26) There is a huge steel market situated at Kalamboli and the heavy vehicles coming to the market are generally parked on the roads due to lack of parking space and hence one parking plaza should be developed.

27) The vehicles coming from Pune Express will go via Konephata junction and hence elevated bridge should be built at Konephata junction.

28) The road going from Jasai naka to Gavan village is very narrow. The proposed Sewri –Nhava Sheva Trans Harbour Link road will have 6 lane on each side which will terminate at Chirle village near Nhava –Sheva and hence there would be traffic congestion and therefore Jasai to Gavan village road to be widen.

29) Dastanphata to Dighoda road is very narrow and hence the same should be widen. There should be a flyover bridge at Railway crossing on the same road.

30) Taloja MIDC to Khoni road should be widen.

Thanking you,

Yours faithfully,

(Sunil Lokhande)
Deputy Commissioner of Police,
Traffic, Navi Mumbai

Annexure 1-6

View/ Observation/ Comment from the Stakeholders and Suggested Actions / Way Forward

Table 1: View/ Observation/ Comment from City and Industrial Development Corporation of Maharashtra Limited (CIDCO) and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	Consider the CSMT Panvel Fast Corridor as a metro corridor and not a suburban as MRVC has planned the corridor as an elevated metro corridor.	Noted.
2.	Consider two different scenarios 'do nothing' and 'most optimistic scenario' wherein all the projects are completed on time to analyse phasing of some junctions proposed for improvement.	The junction improvement phasing suggested in the report is based on the said two scenarios. In case of "Do-Nothing" scenario, the LOS shall be inferior compared to "Most-Optimistic" scenario.
3.	Consider and evaluate Elevated Road along the median of Palm Beach Marg or Coastal Road parallel to Palm Beach Marg or Creek side of Palm-Beach Marg within 90 m RoW to increase the capacity along Palm Beach Marg.	Agreed and the details are presented in section 4.10 chapter 4 of the Final Report.
4.	During the course of the study, CIDCO directed the consultants to review the need for additional bridge across Gadhi River on SH 54.	Consultants reviewed the need for additional bridge across Gadhi river and options are suggested. The details are presented in section 4.12 chapter 4 of the Final Report.
5.	CIDCO directed the consultants to consider truck terminals on NH 4 along the boundary of NAINA (Pendhar).	Consultants have proposed truck terminals at Shil phata on NH 4 and Near Usatane on MMC and the details are presented in section 10.3 chapter 10 of the Final Report.

Table 2: View/ Observation/ Comment from Office of Commissioner of Police, Navi Mumbai and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	Grade separation (e.g. multiple flyovers) to be provided at Killa junction, D point, Kalamboli junction & Palaspe junction.	Noted. NHAI has already undertaken a study under the MJPRCL package 5 and appointed Spectrum consultants to check the feasibility of various options proposed through the study. A flyover is already under construction at Palaspe Phata to segregate traffic from JNPT to Pune.
2.	Airport bound traffic to be segregated from truck/container traffic going to JNPT.	The consultants have proposed elevated road along the median of Palm Beach Marg/ Coastal Road parallel to Palm Beach Marg from Vashi to NMIA for this very reason and the details are presented in section 4.10 chapter 4 of the Final Report.
3.	All major junctions should have supporting infrastructure for buses, rickshaws, taxis etc.	The said infrastructure may be provided 50 m distance away from the junction so that the junction is congestion free. This aspect needs to be appropriately considered during the project preparatory works for implementation of junction improvements.
4.	NH-4 highways going to Shilphata to be widen.	Consultants suggest widening of NH 4 (4+4) with service roads (2+2) since huge PMAY housing projects are being developed by CIDCO along this road. However, consultants suggest NHAI/ MSRDC to provide service lanes along NH 4 to prevent direct access of existing developments to NH 4.
5.	Service roads along Sion Panvel highway as well as along Palm Beach road to be built.	Noted. Service roads are already present along the said roads, but they are discontinuous at some locations mainly due to land constraints. CIDCO should take up implementation of continuous service lanes.
6.	Road from Jasai junction to Dastanphata is heavily congested and the same to be widened.	Widening of the said road is already considered as part of MJPRCL project by NHAI and the work is in progress. Consultants also proposed for implementation of 3+3 lane road by 2021 and the details are presented in Section 9.5.2 of the Final Report.
7.	Alternate road from Ulwe to JNPT to be constructed.	H13: Ulwe-Airport road is proposed to provide alternate connectivity between Ulwe and JNPT and the details are presented in Section 9.5.2 of the Final Report. JNPT to take

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
		up for implementation of the same at the earliest.
8.	Sufficient parking spaces to be provided at all Metro Stations.	MMRDA has appointed consultants for Multimodal integration for 150 metro stations wherein parking facilities are appropriately addressed. The Consultants recommend for such studies for all the metro corridors which are proposed as per CTS for MMR Updation Study.
9.	Provisions of grade separation for pedestrian across all arterial roads and highways every 150 metres wherever there are developments on both sides of the road.	Pedestrian crossing facilities needs to be planned as per the IRC guidelines. Consultants suggest for carrying out detailed studies for assessment of locations for pedestrian grade separation facilities as per the IRC guidelines.
10.	The Vashi creek bridge has three lanes on each side and more three lane been proposed by the authorities. The same to be built at earliest.	Noted. MSRDC and CIDCO have already planned additional bridge across Thane creek. Details are presented in Section 4.10 of Chapter 4 of the Final Report.
11.	Electronic toll collection system based on Radio Frequency Identification system to be installing at Vashi Toll plaza.	Electronic toll collection using RFID system is being used by NHAI on National Highways. A similar system can be used by MSRDC at Vashi Toll Plaza.
12.	Ferry boat services should be made available for commuters travelling from to Mumbai to Navi Mumbai.	Passenger water transport terminal are proposed as part of the study and the details are presented in Section 4.6, Chapter 4 of the Final Report.
13.	Elevated bridge to be built at Jui nagar and Palm beach junction.	Details of the proposed additional road corridor from Mankhurd — Palm beach - NMIA with 3+3 lanes (considering the traffic demand) along the creek side of Palm Beach Marg covering alternative options which includes the elevated road is presented in Section 4.10, Chapter 4 of Final Report. Further, Consultants recommended for junction improvements and grade separation of the intersections in the delineated area based on assessed travel levels for the horizon period upto 2041 and the details are presented in Section 9.5.1, Chapter 9 of the Final Report.
14.	Elevated bridge to be built at Organza and Kopari junction.	
15.	All the main junctions i.e. Moraj junction, Sarsole junction, Vajrani junction, T.S. Chankya junction, Akshar junction, NRI junction, Sector-50E junction should have elevated bridges and underpasses wherever required.	
16.	The proposed 6 Km long costal road to join the Kharghar node with the International Airport via CBD to be built at earliest.	The CBD Belapur-Kharghar Link road is proposed for implementation during 2027-2031 based on the travel demand and

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
		transport network analysis (Ref. Section 4.2.5 in the Final Report).
17.	The proper drains to be constructed along Sion Panvel highway, Palm Beach road, Amara Marg, NH-4 and other roads which will enable the storm water discharge to be efficiently drained out from the core area of the Airport and Navi Mumbai city.	NMMC, PWD, MSRDC and respective stakeholders should provide proper infrastructure with periodic maintenance to enable efficient discharge of storm water.
18.	Storm water outlets are generally choked by encroachment, dumping of garbage or silt and hence de silting of the storm water drains should be done.	
19.	CCTV cameras to be installed at all junctions and connected with Navi Mumbai Traffic Police control.	CIDCO already implemented CCTV Surveillance for South of Navi Mumbai and monitoring important junctions with Command Control center. Further, Consultants recommended Area Traffic Control (ATC) System within the NMIA delineated area for effective traffic monitoring and control and the details are presented in Section 9.5.1, Chapter 9 of the Final Report.
20.	Sion Panvel highway & Thane Belapur highway to be widen	Widening of Sion-Panvel Highway and Thane Balapur Road is not feasible due to developments on either side. Alternative new road links are proposed i.e. Vashi-NMIA Elevated Road/ Coastal Road, Thane to Sanpada Coastal Road, Turbhe-Kharghar (tunnel passing through Parsik hill), etc. which will reduce the traffic volumes on the Sion-Panvel Highway and Thane-Belapur Road.
21.	Two skywalks should be built at Turbhe store.	Can be considered under Station Area Traffic Improvement Scheme (SATIS) and further detailed studies are proposed.
22.	Elevated bridges should be built at all junctions on Palm Beach road.	Consultants have proposed an elevated road/ Coastal Road from Vashi to NMIA with ramps/ connectors at suitable locations. The details are presented in Section 4.10 of Chapter 4 of the Final Report.
23.	Flyover bridges to be built at Kalamboli circle.	NHAI has already undertaken a study under the MJPRCL Package 5 and appointed Spectrum consultants to check the feasibility of various options. The study is in progress.

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
		The details on options are presented in Section 4.9.1.2, Chapter 4 of the Final Report.
24.	NH-48 highway (JNPT-Kalamboli) has 6 lanes but Panvel Mumbra road has only 4 lanes and therefore 2 additional lanes to be constructed on Panvel Mumbra road.	Consultants suggest widening of NH 4 (4+4) with service roads (2+2) since huge PMAY housing projects are being developed by CIDCO along this road.
25.	Flyover to be constructed at Roadpali junction on Panvel Mumbra road.	Consultants have proposed traffic signal installation along with junction improvement immediately and grade separation facility by 2031. The details are presented in Section 9.5.1, Chapter 9 of the Final Report.
26.	There is a huge steel market situated at Kalamboli and the heavy vehicles coming to the market are generally parked on the roads due to lack of parking space and hence one parking plaza should be developed.	Noted. The Consultants have proposed a truck terminal near Kalamboli and details are presented in Section 10.3, Chapter 10 of the Final Report. Further, MMRDA and MIDC to provide Regional Truck terminals of 25-50 ha with world class facilities.
27.	The vehicles coming from Mumbai Pune Express will go via Konephata junction and hence elevated bridge should be built at Konephata junction.	Consultants have proposed traffic signal installation along with junction improvement immediately and grade separation facility by 2031. The details are presented in Section 9.5.1, Chapter 9 of the Final Report.
28.	The road going from Jasai naka to Gavan village is very narrow. The proposed Sewri - Nhava Sheva Trans Harbour Link road will have 6 lane on each side which will terminate at Chirle village near Nhava - Sheva and hence there would be traffic congestion and therefore Jasai to Gavan village road to be widen.	Widening of the said road is already considered as part of MJPRCL project by NHAI and the work is in progress. Consultants also proposed for implementation of 3+3 lane road by 2021 and the details are presented in Section 9.5.2, Chapter 9 of the Final Report.
29.	Dastanphata to Dighoda road is very narrow and hence the same should be widen. There should be a flyover bridge at Railway crossing on the same road.	Agreed and the Consultants have already considered this link for widening as part of the proposed transport network and the details are presented in Section 9.5.2, Chapter 9 of the Final Report.
30.	Taloja MIDC to Khoni road should be widening.	Agreed and the Consultants have already considered this link for widening as part of the proposed transport network and the details are presented in Section 9.5.2, Chapter 9 of the Final Report.

Table 3: View/ Observation/ Comment from Jawaharlal Nehru Port Trust (JNPT) and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	Consider traffic generated due to upcoming Wadhwan port.	Traffic generated from the Wadhwan port has been considered under external travel demand and considered in the transport network analysis for the horizon period upto 2041.
2.	Considering the development in JNPT, suggested one bus terminal near JNPT.	Noted and proposed Inter City Bus Terminals nearest to JNPT are Nerul, Kalamboli, Jite and Alibaug based on external travel demand modelling and analysis carried out for the horizon period upto 2041. In addition to this a Mini Bus Terminal is proposed near JNPT.
3.	Consider MMB proposals in Final report.	MMB proposals on PWT terminals and routes have been reviewed and considered in the study. The details are presented in Section 4.6 and 10.4, Chapter 4 and Chapter 10 respectively of the Final Report.

Table 4: View/ Observation/ Comment from Mumbai Port Trust (MBPT) and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	It appears that the consultant has forecasted the passenger travelling from Mumbai to NMIA on the basis of the present trend of the population. MbPT is developing the Eastern Waterfront as a new township which will house about 3.23 lakh residential population and the total population including commercial tourist and floating is expected to be around 10.95 lakhs. It is felt that, the said population, if not considered, be evaluated while arriving at the future passenger trips from Mumbai to NMIA.	Consultants apprise that, two growth scenarios have been considered for assessment of transport network for MMR for the horizon period upto 2041. The growth scenarios are Draft Regional Plan Scenario (DRP Scenario) and CTSU Scenario. Projected population in Island city for the horizon year 2041 range from 1.95 million under DRP Scenario to 2.43 million under CSTU Scenario. Similarly, employment for the horizon year 2041 is 2.71 million under DRP scenario and 2.85 million under CTSU scenario. In both the scenarios, MbPT's plans related to Eastern Waterfront have been considered while making assessments on air passenger travel between Island city and NMIA. The details are documented in Chapter 5 and Chapter 8 of the Final Report.

Table 5: View/ Observation/ Comment from National Highways Authority of India (NHAI) and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	To hold joint discussions with MMRDA to expedite Development of combined corridor of MMC and Mumbai Vadodara Spur in NAINA area, without which the Spur would remain incomplete and will not serve its purpose.	Details of MMC are incorporated in Section 4.5.2, Chapter 4 of the Final Report. Further, NHAI to co-ordinate with MMRDA for expediting the implementation.
2.	To improve V/C ratio of Aamra Marg it is essential to segregate freight traffic from local traffic on Aamra Marg and diverting it to Multi Modal corridor and Mumbai Vadodara Spur.	Aamra Marg is undergoing widening at the moment and it will be 4+4 lanes and 2+2 services lanes which will cater for immediate needs. Consultants are of the view that, once the Virar-Alibaug Multi Modal Corridor and Mumbai Vadodara Spur comes into operation, there will be diversion of traffic on to these corridors, especially freight traffic from Aamra Marg. If needed, there can be traffic management measures like banning Multi Axle vehicles movement on Aamra Marg to improve the V/C ratio or LOS.
3.	Consultants to change the status of the H12: Mumbai Vadodara Spur corridor which was shown as under construction, to DPR completed.	Noted. And details are presented in Section 6.3.3, Chapter 6 of the Final Report.

Table 6: View/ Observation/ Comment from Navi Mumbai International Airport Limited and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
1.	**New Elevated Mankhurd — Palm beach - NMIA Higher Order Highway link to NMIA (H28):** LOS on Aamra Marg between Killa Junction and North Road junction shall fall to less than desirable level by Phase III (due to increased travel demand of JN Port expansion, NMIA and other developments in vicinity) and therefore this road section requires additional capacity to be constructed before Phase III. Construction of Mankhurd- NMIA higher order highway facility (called H28), is highly essential for relieving congestion on Aamra Marg and ensuring required airport road connectivity to NMIA, and also other developments in vicinity. This was also discussed and agreed in meeting chaired by VC & MD CIDCO on NMIA Connectivity. This elevated highway is proposed to start from Sion-Panvel expressway at Mankhurd to NMIA through Palm Beach Road. H 28 will not only provide seamless connectivity to airport traffic but also provide access to traffic originating & destined near NMIA like Non-Aeronautical development proposed by CIDCO and proposed IIA in vicinity of NMIA. This elevated road shall need 4+4 lanes from Mankhurd to NMIA. However phasing of project needs to be done in such a way that section between Palm Beach and NMIA can be constructed before 2021 to relieve traffic congestion on Panvel creek bridge section of Amra Marg. NMIA and other traffic can travel from Palm Beach road to this new elevated section between Palm beach and NMIA avoiding congestion at mouth of airport near Killa junction until section between Mankhurd and Palm beach of H28 is constructed by 2025. NMIAL has submitted to CIDCO design/plan of H28 between section Palm Beach and Ulwe Coastal Road connecting Elevated Road to NMIA.	Details of the proposed additional road corridor from Vashi — Palm beach - NMIA with 3+3 lanes (considering the traffic demand) covering alternative options is presented in Section 4.9, Chapter 4 of Final Report. Further, in the same section, for dispersal of traffic to/from NMIA, two alternatives have been proposed i.e. a) Alignment proposed by NMIAL; and b) Alignment proposed by Spectrum Consultants. The details are documented in section 4.10, Chapter 4 of the Final Report.

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
2.	**Ulwe Coastal Road connectivity to NMIA (Elevated) with Interchange facility:** As mentioned in section 4.4.4 the Draft Final Report on Detailed Traffic Management and Traffic Decongestion Plan for NMIA, the details of Coastal Road are not provided. As per the current design/plan of CIDCO Ulwe Coastal Road all vehicular traffic coming from south Mumbai via MTHL to NMIA shall travel free of any signals for approximately 22 km, but shall then halt just before airport resulting in long queue due to at grade signalized intersection currently proposed by CIDCO at entry/start of elevated NMIA link road from Ulwe Coastal Road. This shall defeat the basic purpose of building Rs 17,000 Crore MTHL project having direct signal free connectivity to new airport and lead to anxiety of passengers to miss flight thus encouraging them to jump signal on this critical junction leading to potential accidents. Therefore current design/plan of Ulwe Coastal Road needs to be modified to eliminate this junction by providing loop from Ulwe Coastal road to elevated road link to NMIA (that facilitates right turning movements from MTHL/ Ulwe Coastal Road side to NMIA), and left turning down ramp from elevated road link to NMIA on to Ulwe Coastal Road by year 2021. NMIAL has submitted design/plan of required modifications to current Ulwe Coastal Road plans to CIDCO. Traffic assessment suggests need of second loop as part of interchange between Ulwe Coastal Road and Palm Beach — NMIA elevated link Road (Part section of H-28) by year 2025, as Amra Marg shall get saturated by this time creating congestion for vehicular traffic entering or exiting NMIA.	Presently not required and Suitable Traffic Management Measures (TMM) to be taken up in future if required.
3.	**Additional 2+2 lanes across Panvel Creek Bridge:** Even after capacity augmentation of Aamra Marg as per committed plan under MJPRCL project, LOS on the upgraded facility (4+4 lanes) at Panvel Creek section (Between Killa Junction and North road	It is already covered under Package V of MJPRCL Project and documented in Section 4.2.5, Chapter 4 of the Final Report.

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
	Junction) will reduce to LoS D' by phase II of NMIA as this remains as bottleneck. Therefore, it is recommended to extend service roads on either side of Aamra Marg further to Panvel creek bridge through 2 lane bridges so that additional capacity of 2+2 lanes is achieved and alignment of Aamra Marg has a uniform lane configuration from Killa Junction up to junction with south road i.e. 4+4 main Aamra Marg and 2+2 service road. This expansion of Panvel Creek Bridge is to be considered under MJPRCL projects for improving capacity of Aamra Marg by year 2023.	
4.	**North Road:** Sub-arterial road (4+4 Lanes & 2+2 service road) connecting Aamra Marg on West to NH -548 on East is being developed by CIDCO abutting NMIA site on north. This road is required from Phase I of airport operations i.e. before year 2021 in order to connect cargo traffic from western side to cargo terminal in east. Also, this road is essential for connectivity of eastern and north eastern sub-regions of MMR to passenger terminals on western side.	Road already being executed by CIDCO and the details are documented in Section 4.2.1, Chapter 4 of the Final Report.
5.	**South Road:** The proposed 60 m wide road bordering NMIA on south shall provide connectivity from Aamra Marg to Eastern road outside NMIA providing access to proposed Non-Aeronautical and Integrated Industrial Area developments proposed by CIDCO and also providing additional east — west connectivity. The road is being developed by CIDCO and is expected to be completed by 2021.	Noted. Road already being executed by CIDCO and the details are documented in Section 4.2.2, Chapter 4 of the Final Report.
6.	**South Road Junction Interchange:** This junction is formed between Aamra Marg and South Road which shall provide access to various Non-Aeronautical developments and NMSEZ /11A land uses planned towards south of NMIA. Suitable interchange needs to be planned for this junction as it is important junction that caters to not only east west movements but also handles	Noted. It is already covered under Package V of MJPRCL Project and the details are documented in Section 4.2.5, Chapter 4 of the Final Report.

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
	traffic generated from immediate developments. This interchange needs to be constructed by CIDCO before year 2021.	
7.	**Khandeshwar - NMIA Eastern Entry Road:** Khandeshwar - NMIA eastern entry road shall link Khandeshwar railway station forecourt to NMIA Eastern Access road. Traffic from NH 548 (NH 4 B) shall also join this road at junction with North Road. This road is being developed by CIDCO and expected to be completed by 2022.	Consultants have proposed a 2+2 lane road parallel to Uran Road (NH 4 C) from Khandeshwar & Kalamboli Junction to East Road dedicatedly catering to the passenger vehicular traffic coming to NMIA and vice-versa. The details are presented in Section 4.2.3, Chapter 4 of the Final Report.
8.	**East Road:** East road needs to be constructed as a 3+3 facility abutting eastern boundary of NMIA and connection to North road. Appropriate junction design needs to be provided for junction with North road. This facility needs to be constructed by CIDCO before 2021.	Noted. And the details are presented in Section 4.2.3, Chapter 4 of the Final Report.
9.	**Truck Terminal for NMIA:** A provision of Truck Terminal is required on outskirts of Navi Mumbai to staging of cargo trucks destined to JNPT and NMIA. Provision of Truck Terminal is necessary to avoid congestion on arterial roads leading to NMIA and JNPT due to indiscriminate parking of trucks. This facility needs to be developed before 2021.	CIDCO already developed Truck terminal at Kalamboli, Dronagiri and Vashi. To request MMRDA and MIDC to develop Regional truck terminal of size 25-50 ha. with world class facilities like Truck parking, Garage, shops, Boarding and Lodging facilities along with fuel pumps and other ancillary supporting facilities. Further, NMIAL to develop Truck terminal of adequate size to cater airport Cargo within the Airport itself like JNPT. Proposed truck terminals are presented in Chapter 10 of the Final Report.
10.	**Metro Corridor from Prabhadevi/ Sewri to Nhava and NMIA:** As explained in section 4.2.3 of the Draft Final Report on Detailed Traffic Management and Traffic Decongestion Plan for NMIA, a metro corridor from Prabha Devi to/ Sewri to Nahva & NMIA is planned by MMRDA. The Metro Line after crossing the Thane Creek and reaching Navi Mumbai is planned along Ulwe Coastal Road and elevated road link to NMIA. Required RoW for future elevated Metro needs to be reserved in Coastal Road.	Proposed metro corridor from Prabhadevi/ Sewri to Nhava and NMIA, after crossing the Thane creek shall be elevated corridor along the median of the Coastal Road. Hence, consultants are not proposing the need for higher RoW for the Coastal Road.
11.	**Passenger Water Transport (PWT):** As explained in section 4.5 of the Draft Final	CIDCO is developing comprehensive Water Transport System for Catamaran, Speed Boats

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions / Way Forward
	Report on Detailed Traffic Management and Traffic Decongestion Plan for NMIA, Inland Water Transport Facilities to NMIA Existing Jetty at Ulwe near western side of bridge over Panvel Creek at Aamra Marg needs to be developed as Water Terminal to meet travel needs of passengers, other users, residents of Ulwe node, visitors/tourists and employees. The proposed location of Water Terminal west of existing bridge on Panvel Creek is appropriate as it avoids columns of existing and proposed bridges, and shall provide connectivity to Ulwe Node of CIDCO and western entrance of NMIA with a VUP under Amra Marg. This facility can be developed as full-fledged Passenger Water Terminal to handle airport passengers, general public commuters, cargo traffic and shall need Jetty with berthing facilities, approach channel and turning circle for manoeuvrability of vessels, installation of navigation aids, fenders and mooring system, protection against waves, deck elevation, installation of bollards, construction of retaining wall, etc. A joint initiative by CIDCO, MPT, and MMB is essential perhaps on a Public Private Partnership Model to create Water Terminal Facility near NMIA.	and Hovercrafts near NRI, Nerul and same is in advanced stage of completion and shortly all types of vessels will operate .
12	**Western Airport Service Road, connectors with Aamra Marg and Vehicular Underpass:** Proposed airport service road parallel to Aamra Marg along western airport boundary is essential for providing additional access to airport. These connectors are proposed between Aamra marg and western service road to facilitate movement between Aamra marg and NMIA. Service road along with all the connectors and VUP need to be developed by CIDCO before 2021.	Already covered under MJPRCL works.

Table 7: View/ Observation/ Comment from NMIIA (NMSEZ) and Suggested Actions / Way Forward

Sl. No.	View/ Observation/ Comment from the Stakeholder	Suggested Actions/ Way Forward
1.	Population and Employment assessment - Dronagiri (2 lakhs), Kalamboli (1.5 lakhs), Ulwe (W) 0.5 lakhs and Ulwe (A) 1 lakh totalling to 4.5 lakhs.	Consultants apprise that, two growth scenarios have been considered for assessment of transport network for MMR for the horizon period upto 2041. The growth scenarios are Draft Regional Plan Scenario (DRP Scenario) and CTSU Scenario. In both the scenarios, the suggested population and employment for NMSEZ nodes have been considered.
2.	Expansion of SH54 up to Uran to 6 lanes	Widening of the said road is already considered as part of MJPRCL project by NHAI and the work is in progress. Consultants also proposed for implementation of 3+3 lane road by 2021 and the details are presented in Section 9.5.2, Chapter 9 of the Final Report.
3.	Expansion of Wavanje Road to 6 lanes and Approach to Wavanje Road from Kalamboli junction alongside of MPEW	Agreed and considered in the network analysis. Details are presented in Section 4.11, Chapter 4 of the Final Report.
4.	Road connecting Amra Marg to SH 54 between Ulwe (A) pockets	
5.	Widening of Panvel-Karavale Road: MIDC Road to Mumbai Pune Expressway	

Annexure 7-1

Planning parameters for 2021: MMR Area (DRAFT RP Scenario)

ANNEXURE 7-1: PLANNING PARAMETERS FOR 2021: MMR AREA (DRAFT RP SCENARIO)

Table 1: Planning Parameters 2021 (Draft RP Scenario)

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1	1	1,421	329	21	320	669	401	71	397	870	401
2	1	9,538	2,127	382	1,934	4,444	3,886	384	1,330	5,600	2,694
3	1	24,189	5,448	877	4,302	10,627	3,442	261	2,245	5,948	6,833
4	1	28,783	6,627	1,044	5,119	12,789	4,955	332	2,864	8,151	8,131
5	1	21,837	4,915	792	3,884	9,591	3,896	298	2,565	6,759	6,169
6	1	7,157	2,172	514	324	3,009	8,481	1,057	7,385	16,924	2,022
7	1	5,546	1,295	230	1,027	2,552	4,837	1,031	2,728	8,596	1,567
8	1	2,728	562	51	757	1,370	2,068	266	8,011	10,345	771
9	1	16,142	3,249	298	4,450	7,997	8,468	3,130	14,945	26,543	4,560
10	1	3,783	957	176	759	1,892	42,630	3,278	8,464	54,372	1,069
11	1	2,843	899	132	571	1,601	34,181	2,599	6,710	43,490	803
12	1	15,082	3,599	737	2,757	7,092	56,368	2,059	7,038	65,465	4,261
13	1	6,002	1,304	291	994	2,589	13,673	2,752	6,725	23,150	1,695
14	1	1,821	343	153	257	753	4,469	1,129	3,870	9,467	515
15	1	1,953	427	93	352	872	17,462	1,965	9,997	29,424	552
16	1	7,285	1,999	343	856	3,198	4,626	4,186	5,351	14,164	2,058
17	1	4,883	1,441	94	792	2,327	14,932	1,018	11,901	27,851	1,380
18	1	4,303	1,814	116	1,142	3,072	41,461	2,372	13,225	57,058	1,216
19	1	5,491	381	401	1,339	2,122	21,010	7,937	9,966	38,914	1,551
20	1	7,172	1,534	159	1,151	2,845	12,319	4,082	5,175	21,576	2,026
21	1	8,046	840	264	2,054	3,158	4,505	2,041	5,688	12,233	2,273
22	1	3,328	925	67	220	1,213	1,824	996	3,074	5,894	940
23	1	5,156	142	417	1,520	2,079	6,775	4,196	4,326	15,297	1,457
24	1	8,863	982	119	2,930	4,031	21,607	4,255	5,487	31,349	2,504
25	1	17,726	3,102	766	2,663	6,531	4,970	3,275	2,344	10,589	5,008
26	1	7,915	1,121	87	1,807	3,015	3,199	33	1,390	4,623	2,236
27	1	8,915	2,284	121	716	3,120	4,154	29	1,356	5,538	2,519
28	1	12,463	2,434	56	2,196	4,685	3,612	799	2,072	6,483	3,521
29	1	10,183	733	71	3,314	4,118	4,951	390	407	5,748	2,877
30	1	3,247	546	168	1,059	1,774	2,652	84	1,490	4,226	917
31	1	10,120	2,495	512	1,168	4,175	2,675	99	2,035	4,810	2,859
32	1	4,147	851	269	572	1,692	858	187	910	1,956	1,172
33	1	4,243	280	243	1,388	1,911	4,243	174	2,016	6,433	1,199
34	1	7,630	1,053	584	1,111	2,748	4,640	327	1,960	6,927	2,155
35	1	4,428	510	317	822	1,649	2,955	269	1,723	4,947	1,251
36	1	10,676	1,084	554	2,585	4,223	5,481	1,140	3,393	10,014	3,016
37	1	6,297	1,440	-	1,181	2,621	3,275	-	6,635	9,910	1,779
38	1	3,717	455	23	1,139	1,618	1,970	-	3,948	5,918	1,050
39	1	10,804	968	212	3,456	4,636	2,687	-	10,256	12,942	3,052
40	1	4,338	170	152	1,408	1,731	4,237	339	11,597	16,174	1,225
41	1	5,771	899	223	1,001	2,124	4,341	1,748	9,497	15,585	1,630
42	1	7,664	1,079	221	1,620	2,920	2,025	439	15,145	17,609	2,165
43	1	5,107	227	256	1,475	1,958	1,716	551	11,672	13,939	1,443
44	1	5,552	584	185	1,368	2,137	5,695	313	6,828	12,835	1,568
45	1	3,583	1,026	160	1,340	2,526	18,413	346	26,610	45,368	1,012
46	1	3,838	1,097	-	1,783	2,879	16,020	4,080	27,014	47,114	1,084
47	1	1,607	365	178	500	1,042	10,704	2,383	3,516	16,603	454
48	1	2,631	555	164	1,136	1,855	32,347	669	5,871	38,886	743
49	1	3,680	499	311	833	1,642	5,074	610	4,059	9,744	1,040
50	1	2,910	418	161	798	1,377	4,208	390	2,610	7,207	822
51	1	2,662	661	146	389	1,196	2,399	278	2,222	4,900	752
52	1	2,815	504	130	712	1,346	3,772	309	5,470	9,551	795
53	1	5,878	1,790	138	936	2,864	10,070	479	9,163	19,712	1,661
54	1	6,019	1,393	292	1,184	2,869	5,881	922	4,913	11,717	1,700
55	1	9,127	1,955	429	1,979	4,363	6,925	170	4,324	11,420	2,579
56	1	9,777	811	379	3,754	4,944	6,836	304	2,888	10,028	2,762
57	1	10,023	2,381	433	1,843	4,657	5,125	1,254	6,467	12,846	2,831
58	1	1,692	324	67	215	606	1,827	648	1,828	4,304	478
59	1	14,866	3,517	646	2,475	6,638	11,584	536	8,054	20,174	4,200
60	1	11,524	2,253	310	2,885	5,448	9,659	502	2,706	12,867	3,256
61	1	4,232	757	220	931	1,908	2,326	440	2,089	4,855	1,196
62	1	4,598	898	193	1,013	2,103	2,084	338	2,913	5,335	1,299
63	1	2,961	600	152	564	1,317	1,239	100	1,885	3,224	836
64	1	6,164	1,322	67	1,601	2,990	2,529	134	4,046	6,708	1,741
65	1	5,677	621	135	2,063	2,819	3,575	215	2,744	6,535	1,604
66	1	8,197	1,563	361	1,326	3,250	2,778	2,007	3,683	8,468	2,316
67	1	6,493	1,436	437	499	2,372	4,175	301	1,653	6,129	1,834
68	1	4,639	702	101	1,183	1,986	2,862	91	1,122	4,076	1,311
69	1	3,500	450	99	940	1,489	838	60	1,873	2,771	989
70	1	2,990	406	93	759	1,258	658	30	1,280	1,968	845
71	1	4,264	553	120	1,145	1,819	544	68	5,339	5,950	1,205
72	1	8,465	1,793	128	1,656	3,577	2,031	277	5,644	7,952	2,391
73	1	4,516	954	223	566	1,743	1,000	65	1,845	2,909	1,276
74	1	8,111	476	681	1,962	3,120	2,309	461	2,628	5,398	2,291
75	1	6,630	2,163	163	652	2,978	8,790	1,408	2,675	12,874	1,873
76	1	3,502	1,037	152	274	1,464	1,607	140	717	2,464	989
77	1	1,140	248	23	258	529	862	8	310	1,181	322
78	1	8,458	2,047	614	721	3,382	4,920	92	1,071	6,083	2,389
79	1	912	341	16	33	390	213	65	421	700	258
80	1	9,158	1,485	152	2,743	4,380	5,646	51	1,582	7,279	2,587
81	1	1,599	519	71	301	890	3,314	257	5,988	9,560	452
82	1	7,858	701	258	3,020	3,979	7,578	1,339	13,634	22,552	2,220
83	1	3,785	377	274	1,287	1,938	7,886	1,720	2,030	11,636	1,069
84	1	6,302	2,682	191	225	3,098	13,419	3,103	4,882	21,404	1,780
85	1	7,689	3,043	72	676	3,792	1,381	321	1,985	3,687	2,172
86	1	9,406	2,249	146	2,460	4,854	718	194	2,353	3,264	2,657
87	1	5,838	2,609	34	115	2,758	213	53	1,563	1,830	1,649
88	1	11,672	2,616	275	3,031	5,922	1,273	331	1,575	3,179	3,297
89	1	12,818	5,788	166	29	5,982	2,288	588	3,252	6,128	3,621
90	1	12,640	5,612	172	73	5,857	1,874	91	2,017	3,983	3,571
91	1	5,711	1,781	356	225	2,362	2,951	131	1,416	4,498	1,613
92	1	7,311	1,650	367	1,199	3,216	1,790	700	3,253	5,744	2,065
93	1	5,205	1,174	191	1,034	2,399	2,322	240	1,661	4,223	1,470
94	1	7,028	2,215	237	995	3,447	5,746	84	3,869	9,699	1,986
95	1	4,898	1,451	81	757	2,289	1,692	45	1,514	3,251	1,384
96	1	43,620	11,977	726	7,834	20,537	17,577	1,542	13,136	32,256	12,323
97	1	12,635	2,344	627	2,809	5,779	3,338	1,461	3,198	7,997	3,569
98	1	24,317	8,343	465	2,187	10,996	8,494	510	10,015	19,019	6,870
99	1	7,246	1,209	392	1,404	3,005	865	681	1,547	3,093	2,047
100	1	5,000	1,039	272	975	2,286	2,458	283	701	3,442	1,412
101	1	4,699	832	170	1,256	2,258	7,881	2,939	5,072	15,893	1,328
102	1	5,718	990	435	755	2,180	89	11	11	111	1,615
103	1	20,294	3,759	615	4,256	8,631	6,116	394	2,575	9,085	5,733
104	1	26,935	7,516	1,365	1,337	10,218	2,814	1,108	4,228	8,150	7,609
105	1	13,261	1,625	1,267	3,272	6,164	6,935	712	3,271	10,919	3,746
106	1	17,055	2,536	1,075	3,429	7,040	2,854	517	3,433	6,804	4,818
107	1	16,866	1,617	1,156	4,284	7,058	5,122	2,134	4,706	11,962	4,765
108	1	13,781	2,588	590	3,558	6,736	2,422	2,159	2,608	7,190	3,893
109	1	5,485	1,351	717	560	2,628	2,970	1,721	3,041	7,732	1,549
110	1	8,469	1,261	425	1,720	3,406	1,412	60	3,931	5,404	2,393
111	1	8,759	1,661	133	1,862	3,656	3,996	652	6,137	10,785	2,474
112	1	5,585	282	105	2,039	2,426	1,649	275	1,636	3,560	1,578
113	1	6,134	172	68	2,496	2,737	610	123	1,803	2,535	1,733
114	1	15,992	473	1,228	4,296	5,998	569	253	6,322	7,145	4,518
115	1	3,566	514	203	462	1,179	2,831	164	718	3,713	1,007
116	1	6,264	624	175	1,501	2,299	2,884	461	1,402	4,747	1,769
117	1	8,109	1,153	321	1,323	2,797	141	211	5,264	5,616	2,291
118	1	4,124	395	155	926	1,477	67	97	2,138	2,302	1,165
119	1	2,384	260	58	560	879	177	192	1,706	2,075	673
120	1	2,091	55	48	714	817	76	183	1,501	1,760	591
121	1	13,737	1,453	2,335	494	4,282	5,573	407	4,502	10,481	3,881
122	1	15,469	965	783	5,127	6,874	2,844	1,076	4,056	7,977	4,370
123	1	15,479	1,837	1,410	2,782	6,029	4,257	1,895	2,207	8,358	4,373
124	1	45,559	6,702	2,744	9,428	18,874	12,200	3,490	6,978	22,667	12,870
125	1	25,141	2,601	861	7,914	11,376	6,771	1,562	8,129	16,462	7,102
126	1	16,066	2,943	998	2,767	6,709	4,036	1,124	6,185	11,346	4,539
127	1	12,454	1,526	1,637	1,132	4,295	3,147	217	3,091	6,455	3,518
128	1	5,436	690	318	1,282	2,290	920	228	1,871	3,018	1,536
129	1	3,209	720	152	681	1,553	2,412	588	1,211	4,212	907
130	1	7,740	1,305	90	2,267	3,662	6,303	960	2,703	9,965	2,187
131	1	6,269	1,102	202	1,527	2,831	4,101	1,957	3,661	9,719	1,771
132	1	7,556	968	440	1,809	3,217	5,718	841	2,757	9,315	2,135
133	1	8,222	2,040	469	802	3,311	6,015	1,113	3,594	10,722	2,323
134	1	4,879	1,180	67	1,056	2,304	2,525	844	2,580	5,950	1,378
135	1	5,771	1,180	272	1,042	2,494	4,232	1,827	1,643	7,702	1,630
136	1	30,217	7,182	1,008	4,017	12,207	4,690	1,489	4,149	10,327	8,536
137	1	22,581	7,931	195	1,249	9,376	3,326	546	3,825	7,696	6,379
138	1	66,305	10,955	1,163	16,697	28,815	11,337	757	7,507	19,600	18,731
139	1	27,112	4,610	1,416	4,827	10,854	6,670	3,189	1,167	11,026	7,659
140	1	7,079	1,266	659	577	2,502	1,340	320	889	2,549	2,000
141	1	63,438	11,441	2,960	11,259	25,660	16,847	883	10,156	27,885	17,921
142	1	49,313	8,973	3,821	5,355	18,150	10,405	1,148	7,294	18,848	13,931

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
143	1	21,247	1,611	1,500	5,409	8,520	1,223	624	4,140	5,986	6,002
144	1	46,887	8,351	3,254	6,343	17,947	6,247	1,945	7,763	15,955	13,246
145	1	37,631	6,639	1,727	6,663	15,029	2,029	1,193	7,472	10,694	10,631
146	1	11,047	1,580	696	2,018	4,293	1,057	699	911	2,667	3,121
147	1	14,979	2,819	943	2,736	6,498	3,919	749	977	5,645	4,232
148	1	7,639	1,288	481	1,396	3,165	2,208	1,051	1,370	4,629	2,158
149	1	24,946	4,822	1,144	4,417	10,384	2,966	664	6,114	9,744	7,047
150	1	10,792	1,341	739	2,166	4,246	1,338	457	1,531	3,327	3,049
151	1	23,728	1,017	699	9,205	10,921	5,815	534	2,286	8,635	6,703
152	1	14,523	3,547	584	2,069	6,200	3,427	573	6,337	10,337	4,103
153	1	9,063	1,876	313	1,487	3,676	1,265	110	1,173	2,548	2,560
154	1	13,370	3,014	1,314	1,157	5,485	9,516	2,189	6,356	18,061	3,777
155	1	10,884	2,090	652	1,634	4,375	3,409	814	1,130	5,353	3,075
156	1	18,829	3,352	1,653	2,062	7,067	2,944	2,252	4,453	9,648	5,319
157	1	3,944	529	336	700	1,565	3,484	1,122	1,772	6,378	1,114
158	1	21,666	3,249	2,467	2,228	7,945	8,337	2,443	3,223	14,003	6,121
159	1	20,037	3,978	902	3,657	8,537	5,992	1,637	2,418	10,047	5,661
160	1	14,382	2,602	693	2,671	5,966	1,332	542	5,224	7,099	4,063
161	1	26,351	3,402	2,089	4,615	10,106	1,487	1,000	2,007	4,494	7,444
162	1	18,204	1,848	1,221	4,229	7,298	1,339	640	2,131	4,110	5,143
163	1	18,328	3,562	448	5,311	9,321	13,771	2,649	6,770	23,190	5,178
164	1	3,165	743	269	373	1,385	887	437	179	1,503	894
165	1	21,692	1,887	1,853	5,552	9,292	31,664	4,454	8,342	44,460	6,128
166	1	12,779	3,138	569	2,460	6,168	3,313	587	1,866	5,766	3,610
167	1	20,580	3,072	2,027	2,298	7,397	1,057	722	2,168	3,947	5,814
168	1	16,234	2,297	1,158	2,884	6,339	1,098	901	1,438	3,436	4,586
169	1	8,089	1,068	403	1,858	3,329	856	162	1,021	2,039	2,285
170	1	2,389	324	205	374	903	145	131	303	579	675
171	1	5,793	1,153	434	656	2,243	1,144	1,001	1,634	3,778	1,636
172	1	7,869	1,349	493	1,360	3,203	5,968	2,398	3,678	12,043	2,223
173	1	6,522	1,177	713	399	2,290	1,618	977	970	3,566	1,843
174	1	6,001	1,014	433	896	2,343	604	482	1,547	2,633	1,695
175	1	7,055	2,325	94	550	2,969	2,435	626	1,187	4,248	1,993
176	1	34,969	6,577	1,356	6,952	14,885	9,965	1,044	5,836	16,845	9,879
177	1	7,339	1,444	506	873	2,822	1,062	34	2,189	3,285	2,073
178	1	8,686	534	1,497	664	2,695	1,363	39	2,733	4,136	2,454
179	1	22,696	4,312	858	5,083	10,252	9,947	2,011	5,125	17,082	6,412
180	1	26,676	2,015	2,927	5,995	10,937	6,857	1,528	8,321	16,707	7,536
181	1	25,744	1,953	1,845	7,601	11,398	5,919	1,266	5,319	12,504	7,273
182	1	30,515	2,328	2,187	9,009	13,524	7,555	1,613	6,776	15,944	8,621
183	1	15,679	1,207	1,123	4,629	6,960	4,743	1,010	4,244	9,998	4,429
184	1	8,295	718	594	2,449	3,762	2,033	411	1,726	4,170	2,343
185	1	3,441	331	247	1,016	1,594	1,611	295	1,241	3,147	972
186	1	18,208	2,357	1,192	4,547	8,096	6,340	2,131	6,250	14,721	5,144
187	1	20,770	3,580	1,126	4,634	9,340	6,092	4,018	2,248	12,358	5,868
188	1	16,461	2,737	893	3,673	7,302	4,702	3,376	1,889	9,967	4,650
189	1	21,232	3,527	1,152	4,738	9,416	5,143	3,676	2,057	10,877	5,998
190	1	13,446	2,161	763	2,967	5,891	2,435	1,995	3,121	7,552	3,799
191	1	34,549	6,502	2,283	5,811	14,596	10,864	2,561	6,210	19,634	9,760
192	1	15,240	2,242	1,594	2,139	5,975	4,053	1,524	2,020	7,597	4,305
193	1	283	136	7	13	156	3,608	401	3,701	7,710	80
194	1	10,431	1,215	1,034	1,970	4,219	2,402	339	3,345	6,086	2,947
195	1	4,243	734	210	935	1,879	846	122	1,311	2,279	1,199
196	1	12,586	1,957	979	2,562	5,498	9,939	1,552	2,320	13,810	3,556
197	1	22,472	6,427	1,470	1,728	9,625	26,727	7,412	8,302	42,440	6,348
198	1	26,208	8,714	746	1,754	11,214	9,889	1,242	7,894	19,025	7,404
199	1	30,657	5,330	1,517	6,753	13,600	7,723	4,927	7,384	20,034	8,661
200	1	22,169	4,468	675	5,004	10,147	7,385	4,775	9,398	21,558	6,263
201	1	21,057	7,618	270	1,346	9,234	5,132	601	9,709	15,442	5,949
202	1	3,716	740	317	460	1,516	2,378	1,038	858	4,275	1,050
203	1	33,199	6,439	1,405	7,064	14,908	10,142	1,280	12,283	23,705	9,379
204	1	21,597	6,072	50	2,983	9,106	9,842	2,662	6,087	18,591	6,101
205	1	6,797	1,408	133	1,351	2,892	2,744	584	1,920	5,247	1,920
206	1	4,072	1,322	35	297	1,654	1,272	606	1,454	3,332	1,150
207	1	3,074	622	70	602	1,294	887	122	1,462	2,471	868
208	1	10,063	1,524	607	1,828	3,960	5,196	497	2,834	8,527	2,843
209	1	20,426	5,320	231	2,989	8,541	9,704	3,214	10,694	23,612	5,770
210	1	5,872	535	436	1,340	2,310	1,604	402	2,865	4,871	1,659
211	1	3,282	843	164	254	1,260	1,712	309	1,757	3,778	927
212	1	5,168	1,147	133	836	2,115	1,577	99	2,833	4,509	1,460
213	1	5,737	1,124	153	1,265	2,541	5,015	1,280	3,065	9,360	1,621
214	1	10,300	1,489	871	1,671	4,031	3,559	1,886	7,610	13,055	2,910
215	1	7,672	1,256	403	1,569	3,229	5,369	960	3,781	10,110	2,167
216	1	4,789	798	158	1,147	2,103	1,376	620	3,164	5,161	1,353
217	1	15,007	904	783	4,993	6,680	8,814	2,449	10,192	21,455	4,239

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
218	1	7,800	1,341	1,006	883	3,230	9,770	1,267	1,377	12,414	2,204
219	1	9,426	2,227	223	1,639	4,089	5,116	754	5,511	11,381	2,663
220	1	5,743	689	525	1,012	2,225	3,427	1,898	1,626	6,951	1,622
221	1	14,163	2,236	903	2,638	5,777	11,074	2,833	2,376	16,283	4,001
222	1	4,352	925	389	320	1,634	1,987	1,218	1,029	4,234	1,229
223	1	4,960	1,446	113	934	2,493	8,501	1,956	2,870	13,327	1,401
224	1	21,218	3,700	515	5,847	10,061	15,781	5,357	5,044	26,182	5,994
225	1	4,351	618	239	1,132	1,989	1,410	223	740	2,373	1,229
226	1	10,958	1,217	1,388	1,584	4,190	2,884	795	1,220	4,899	3,096
227	1	7,370	1,294	602	1,224	3,120	3,763	1,092	1,880	6,735	2,082
228	1	28,749	9,982	428	2,168	12,578	6,968	5,060	4,904	16,931	8,122
229	1	17,413	3,044	917	3,688	7,649	13,040	2,873	2,978	18,891	4,919
230	1	11,467	3,178	190	1,833	5,201	4,741	591	1,108	6,440	3,239
231	1	11,053	1,713	790	2,167	4,671	756	1,386	4,157	6,299	3,123
232	1	16,394	3,028	807	3,328	7,163	5,348	320	2,713	8,382	4,631
233	1	10,137	1,963	1,002	1,372	4,337	5,245	1,244	3,175	9,664	2,864
234	1	29,913	2,932	3,247	6,591	12,771	10,938	10,500	3,971	25,409	8,450
235	1	7,301	1,325	548	1,381	3,254	2,975	1,258	2,129	6,361	2,063
236	1	7,350	1,525	281	2,080	3,886	11,913	3,239	8,440	23,592	2,076
237	1	6,116	1,810	258	686	2,754	1,566	683	1,133	3,382	1,728
238	1	9,172	2,113	764	1,122	3,999	8,775	3,894	5,289	17,959	2,591
239	1	13,174	3,357	525	2,294	6,176	6,244	2,747	4,251	13,242	3,722
240	1	30,289	6,582	1,042	6,049	13,674	6,528	804	2,219	9,551	8,557
241	1	18,363	3,440	844	3,955	8,239	3,807	854	1,359	6,019	5,187
242	1	26,407	3,840	1,669	6,180	11,690	6,423	2,716	10,091	19,230	7,460
243	1	5,965	3,164	135	762	4,060	9,641	343	1,880	11,863	1,685
244	2	7,055	217	977	2,064	3,257	1,177	536	1,182	2,895	1,993
245	2	11,774	1,337	1,012	3,356	5,706	1,880	374	2,453	4,707	3,326
246	2	6,692	1,384	852	628	2,864	1,239	259	1,607	3,104	1,891
247	2	16,652	3,437	863	3,738	8,039	4,177	44	3,680	7,901	4,704
248	2	9,283	1,667	26	3,256	4,949	1,422	186	2,693	4,301	2,622
249	2	24,354	4,514	251	6,425	11,190	3,739	723	6,392	10,854	6,880
250	2	6,256	818	523	1,421	2,761	1,981	195	2,227	4,403	1,767
251	2	12,286	3,238	387	1,676	5,301	10,804	367	4,315	15,486	3,471
252	2	24,454	6,411	774	3,351	10,535	13,402	451	5,306	19,159	6,908
253	2	25,234	6,485	800	3,464	10,750	7,757	262	3,082	11,102	7,129
254	2	12,792	3,693	394	1,707	5,794	3,877	92	1,083	5,052	3,614
255	2	5,545	616	430	1,468	2,514	353	685	3,391	4,428	1,567
256	2	26,597	7,059	1,379	3,625	12,063	2,390	628	4,796	7,814	7,514
257	2	14,830	2,716	892	3,437	7,044	1,324	429	3,149	4,902	4,190
258	2	20,168	4,367	511	5,517	10,395	3,426	1,186	2,671	7,283	5,698
259	2	36,201	6,832	2,285	7,198	16,315	6,356	397	1,723	8,475	10,227
260	2	45,211	8,519	3,538	7,855	19,912	5,788	2,706	6,379	14,873	12,772
261	2	17,224	3,253	2,270	1,277	6,800	2,102	149	2,130	4,381	4,866
262	2	34,912	2,620	7,954	1,496	12,070	4,509	1,461	5,308	11,278	9,863
263	2	95	126	-	-	126	7,320	402	1,176	8,898	27
264	2	592	217	55	35	307	5,889	320	936	7,145	167
265	2	91	122	-	-	122	11,447	635	1,855	13,937	26
266	2	43,488	8,601	4,763	3,028	16,392	12,618	699	2,041	15,358	12,285
267	2	6,061	1,480	636	405	2,521	12,602	691	2,019	15,312	1,712
268	2	24,347	5,353	2,822	1,794	9,969	20,053	1,109	3,241	24,403	6,878
269	2	414	247	30	19	295	17,102	953	2,783	20,837	117
270	2	6,704	1,637	736	468	2,840	9,339	509	1,488	11,336	1,894
271	2	47,271	10,741	4,063	5,747	20,550	6,418	1,310	5,420	13,148	13,354
272	2	44,050	7,333	3,051	7,854	18,238	10,503	1,329	9,034	20,866	12,444
273	2	7,083	2,480	91	851	3,421	3,990	291	1,555	5,836	2,001
274	2	11,445	3,411	365	1,204	4,980	2,540	587	3,776	6,903	3,233
275	2	24,831	5,046	2,557	2,114	9,718	4,455	783	3,860	9,097	7,015
276	2	27,826	7,258	1,932	3,372	12,562	4,466	1,546	4,012	10,023	7,861
277	2	18,501	3,966	910	3,803	8,679	1,778	1,261	3,965	7,004	5,227
278	2	58,985	16,883	658	15,422	32,962	3,308	1,802	10,898	16,008	16,663
279	2	16,471	3,057	1,273	3,425	7,754	2,124	672	4,363	7,158	4,653
280	2	6,798	1,812	111	1,498	3,421	723	67	2,400	3,189	1,920
281	2	9,570	2,771	556	1,676	5,002	4,457	227	1,885	6,570	2,703
282	2	11,050	3,266	1,038	1,217	5,521	4,172	173	2,463	6,808	3,122
283	2	3,343	562	322	583	1,467	981	509	3,650	5,140	944
284	2	3,683	1,296	78	352	1,726	4,176	1,170	1,932	7,278	1,041
285	2	5,632	520	853	996	2,369	6,170	804	2,952	9,927	1,591
286	2	4,369	984	76	1,092	2,151	2,229	147	5,494	7,870	1,234
287	2	16,034	2,964	567	3,501	7,032	2,842	354	3,871	7,066	4,530
288	2	19,827	4,738	548	3,819	9,106	4,318	2,346	2,518	9,183	5,601
289	2	9,880	2,359	456	1,781	4,596	4,376	270	2,584	7,230	2,791
290	2	17,179	2,706	1,763	2,613	7,082	5,166	1,334	4,971	11,471	4,853
291	2	6,095	723	824	1,707	3,253	1,268	204	931	2,402	1,722
292	2	18,396	3,463	1,626	3,473	8,562	1,817	1,259	5,857	8,933	5,197

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
293	2	9,164	2,753	344	1,478	4,574	5,242	712	3,818	9,772	2,589
294	2	17,666	3,609	1,808	2,537	7,955	5,268	6,591	6,488	18,348	4,991
295	2	7,091	2,521	121	625	3,266	823	682	2,043	3,547	2,003
296	2	14,127	1,709	2,762	964	5,435	3,637	1,500	3,610	8,747	3,991
297	2	8,395	1,218	324	2,577	4,119	1,040	463	2,397	3,900	2,371
298	2	5,989	1,005	482	1,206	2,693	441	253	1,908	2,601	1,692
299	2	6,136	786	942	673	2,401	1,647	218	647	2,512	1,734
300	2	18,070	2,708	1,286	4,229	8,222	3,235	1,112	3,072	7,419	5,105
301	2	13,654	2,381	799	3,245	6,425	2,307	1,727	2,362	6,396	3,857
302	2	15,023	2,136	1,559	2,804	6,499	1,671	1,091	3,196	5,958	4,244
303	2	17,315	3,358	1,582	2,640	7,581	5,810	1,574	2,431	9,814	4,891
304	2	13,715	4,300	88	2,884	7,272	5,898	480	1,206	7,585	3,875
305	2	28,109	7,769	186	6,113	14,069	11,482	1,177	2,958	15,617	7,941
306	2	21,819	5,951	145	4,763	10,859	7,127	698	1,755	9,580	6,164
307	2	20,223	2,195	1,667	5,308	9,170	2,655	2,118	6,130	10,903	5,713
308	2	13,673	3,061	888	2,249	6,198	3,866	1,111	2,858	7,835	3,863
309	2	23,536	3,543	2,188	4,586	10,316	6,011	1,398	4,230	11,639	6,649
310	2	728	236	108	12	356	365	98	258	722	206
311	2	7,765	2,758	44	811	3,612	1,280	1,949	1,613	4,842	2,194
312	2	18,239	2,648	1,340	4,105	8,092	4,012	1,148	3,167	8,327	5,152
313	2	21,597	4,572	2,475	2,264	9,310	22,812	9,682	10,751	43,245	6,101
314	2	10,097	1,840	683	2,203	4,726	3,662	1,114	2,055	6,831	2,853
315	2	52,074	16,441	2,123	3,514	22,078	14,699	4,407	6,503	25,609	14,711
316	2	18,565	803	1,598	6,301	8,702	9,271	1,695	3,422	14,388	5,245
317	2	18,175	2,886	1,389	4,671	8,945	7,830	4,714	5,513	18,057	5,134
318	2	3,092	1,023	212	502	1,737	10,344	3,293	3,593	17,230	874
319	2	18,935	3,447	1,488	3,529	8,464	8,897	2,791	3,045	14,733	5,349
320	2	39,460	9,988	2,758	5,707	18,452	28,005	20,858	9,787	58,651	11,147
321	2	38,369	7,543	3,195	6,877	17,615	16,557	3,410	10,396	30,363	10,839
322	2	12,574	2,569	945	2,129	5,644	10,685	553	1,268	12,506	3,552
323	2	39,382	2,883	2,613	13,524	19,020	10,526	6,280	9,386	26,192	11,126
324	2	23,726	6,881	1,648	3,713	12,242	17,646	2,948	5,354	25,948	6,703
325	2	30,763	5,616	2,357	5,310	13,282	16,787	1,168	1,514	19,469	8,691
326	2	29,081	6,300	1,857	5,095	13,252	4,161	1,880	5,076	11,117	8,215
327	2	5,546	1,245	378	1,417	3,040	2,288	781	3,937	7,006	1,567
328	2	25,835	5,097	2,855	2,706	10,659	4,455	1,237	2,158	7,850	7,298
329	2	6,092	1,248	416	1,189	2,853	594	339	714	1,647	1,721
330	2	41,995	8,466	2,722	6,630	17,818	3,395	1,459	3,870	8,724	11,864
331	2	29,883	3,885	2,882	5,644	12,412	2,122	1,726	2,859	6,706	8,442
332	2	56,600	7,167	6,445	9,329	22,941	3,046	2,557	6,290	11,893	15,990
333	2	89,979	12,513	6,852	19,781	39,146	6,953	4,637	14,691	26,280	25,419
334	2	47,997	10,461	994	13,207	24,662	15,698	2,205	9,978	27,881	13,559
335	2	12,794	3,398	768	1,497	5,663	2,644	632	4,712	7,989	3,614
336	2	25,438	3,005	1,423	10,009	14,436	2,929	601	3,577	7,107	7,186
337	2	4,161	1,026	138	1,257	2,420	413	12	762	1,187	1,176
338	2	11,369	3,574	550	2,357	6,481	1,576	262	1,625	3,462	3,212
339	2	12,377	3,764	604	2,592	6,960	1,698	322	1,996	4,016	3,497
340	2	3,149	507	717	196	1,420	201	296	584	1,080	890
341	2	26,530	9,766	990	3,795	14,552	3,955	1,042	3,176	8,174	7,495
342	2	14,726	4,523	608	3,157	8,289	1,117	153	2,509	3,780	4,160
343	2	12,315	2,975	961	1,906	5,843	5,261	1,251	3,187	9,700	3,479
344	2	69,694	23,145	71	6,822	30,038	9,072	4,494	14,597	28,163	19,689
345	2	37,731	7,908	1,271	8,060	17,239	16,081	2,060	6,694	24,835	10,659
346	2	41,036	7,864	1,402	8,891	18,157	12,395	1,700	5,523	19,619	11,593
347	2	31,301	9,716	1,915	307	11,938	8,022	1,122	1,547	10,691	8,843
348	2	11,464	3,578	700	112	4,391	3,224	449	619	4,291	3,239
349	2	32,465	5,130	1,789	7,336	14,255	6,448	1,202	3,658	11,308	9,171
350	2	30,552	6,770	880	5,571	13,221	3,695	935	7,376	12,006	8,631
351	2	14,583	3,804	826	2,198	6,828	4,635	865	2,348	7,848	4,120
352	2	6,531	1,784	294	668	2,747	956	182	1,200	2,338	1,845
353	2	12,603	2,345	531	2,810	5,686	2,841	890	1,088	4,819	3,560
354	2	23,528	2,556	1,528	5,958	10,041	2,910	1,657	4,545	9,112	6,647
355	2	3,768	890	142	697	1,728	686	187	1,058	1,931	1,065
356	2	18,625	3,921	717	3,525	8,162	3,266	611	3,267	7,144	5,262
357	2	15,921	3,889	485	2,995	7,370	1,038	309	3,582	4,930	4,498
358	2	19,474	8,461	152	157	8,770	3,210	318	3,614	7,141	5,501
359	2	7,127	1,173	437	1,643	3,253	1,394	143	960	2,498	2,013
360	2	15,271	2,693	541	4,043	7,277	2,119	461	3,378	5,958	4,314
361	2	21,310	5,768	648	3,290	9,705	4,118	372	3,414	7,904	6,020
362	2	9,757	1,003	654	2,354	4,012	772	-	4,358	5,131	2,756
363	2	6,783	1,175	179	1,762	3,117	1,027	946	4,424	6,397	1,916
364	2	25,569	4,537	2,170	4,217	10,924	4,435	3,766	8,032	16,233	7,223
365	2	41,169	6,480	2,241	9,167	17,888	4,343	2,337	14,188	20,868	11,630
366	2	81,763	5,587	4,431	27,751	37,769	25,217	959	8,638	34,814	23,098
367	2	16,126	5,212	295	1,357	6,865	1,616	882	6,867	9,366	4,556

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
368	3	51,558	4,320	3,122	13,619	21,061	11,619	2,466	18,566	32,651	14,565
369	3	14,229	1,109	1,487	2,598	5,194	3,228	1,122	2,523	6,873	4,020
370	3	13,253	1,856	514	2,487	4,857	1,243	2,943	3,602	7,789	3,744
371	3	17,314	2,066	231	4,387	6,684	2,238	3,243	4,306	9,788	4,891
372	3	42,642	5,348	2,106	8,347	15,800	24,119	16,497	25,433	66,049	12,046
373	3	14,757	2,683	1,415	3,960	8,057	30,338	21,253	72,368	1,23,959	4,169
374	3	44,781	7,967	1,941	8,736	18,644	179	50	11	240	12,651
375	3	31,107	4,116	1,955	7,108	13,179	55	19	9	83	8,788
376	3	37,261	7,262	3,213	4,522	14,997	412	110	104	626	10,526
377	3	10,848	602	797	4,041	5,440	224	39	7	269	3,065
378	3	27,635	4,600	2,239	5,008	11,847	205	62	9	275	7,807
379	3	4,341	427	396	1,674	2,497	2,862	464	2,465	5,791	1,226
380	3	36,743	3,339	4,380	7,041	14,759	1,153	851	2,369	4,373	10,380
381	3	71,151	7,123	5,851	16,849	29,824	2,661	4,338	4,780	11,778	20,100
382	3	18,975	1,822	2,064	4,045	7,931	784	559	2,155	3,498	5,360
383	3	11,675	842	989	3,514	5,345	418	698	1,110	2,226	3,298
384	3	45,353	6,700	3,494	8,974	19,168	1,916	2,990	5,228	10,133	12,812
385	3	22,302	2,045	2,665	4,282	8,993	324	762	1,268	2,354	6,300
386	3	1,33,170	25,441	10,914	22,538	58,893	8,476	4,217	7,056	19,749	37,620
387	3	9,804	864	1,315	1,892	4,071	291	778	1,922	2,991	2,770
388	3	99,250	5,078	14,954	25,403	45,435	11,430	4,270	4,225	19,925	28,038
389	3	47,191	5,353	8,158	4,026	17,536	1,043	2,683	3,648	7,374	13,331
390	3	80,415	10,523	8,937	16,607	36,068	4,185	4,095	3,269	11,549	22,717
391	3	39,176	4,202	7,265	3,301	14,768	758	1,527	4,669	6,954	11,067
392	3	65,562	3,676	12,507	9,842	26,025	2,593	3,565	5,791	11,949	18,521
393	3	9,937	543	540	3,144	4,227	593	347	1,967	2,907	2,807
394	3	2,474	211	222	715	1,149	539	383	2,221	3,143	699
395	3	47,288	1,762	2,540	15,616	19,918	1,649	993	2,865	5,507	13,359
396	3	34,947	1,417	1,926	11,577	14,920	1,077	638	1,768	3,482	9,873
397	3	29,781	1,532	1,059	10,018	12,609	558	481	2,277	3,315	8,413
398	3	6,584	601	69	2,196	2,866	426	221	1,222	1,869	1,860
399	3	33,073	2,360	3,987	6,062	12,409	673	472	2,237	3,381	9,343
400	3	16,522	1,237	2,247	3,255	6,739	605	836	2,850	4,292	4,667
401	3	27,019	1,549	3,507	5,114	10,171	421	615	2,192	3,229	7,633
402	3	10,944	656	1,429	2,082	4,167	303	432	1,559	2,294	3,092
403	3	16,819	1,177	2,688	2,281	6,146	576	731	1,941	3,249	4,751
404	3	38,212	4,422	4,067	5,605	14,094	2,594	765	5,238	8,597	10,795
405	3	19,469	2,622	2,221	3,046	7,889	1,478	399	2,253	4,130	5,500
406	3	12,746	3,253	2,072	2,785	8,109	2,657	643	2,248	5,548	3,601
407	3	85,652	24,606	592	1,761	26,959	3,330	796	3,244	7,370	24,197
408	3	69,186	20,035	572	1,542	22,149	2,515	614	2,334	5,464	19,545
409	3	37,431	10,869	327	857	12,054	3,299	789	3,182	7,270	10,574
410	3	1,697	288	184	366	838	441	266	1,001	1,707	480
411	3	12,569	2,118	1,532	2,628	6,277	1,592	1,621	3,563	6,776	3,551
412	3	11,495	1,719	1,312	2,299	5,329	1,306	1,388	3,132	5,827	3,247
413	3	47,950	8,893	3,619	6,753	19,264	4,623	2,098	3,119	9,839	13,546
414	3	36,823	6,065	2,428	4,753	13,246	3,010	1,378	2,588	6,976	10,403
415	3	35,218	5,888	2,361	4,601	12,850	3,419	1,571	2,942	7,933	9,949
416	3	20,285	3,435	1,380	2,675	7,490	2,367	1,090	2,068	5,525	5,730
417	3	60,597	1,091	9,003	13,947	24,042	4,168	1,982	3,058	9,209	17,119
418	3	80,196	1,856	12,051	18,623	32,530	6,800	3,277	4,882	14,958	22,655
419	3	40,252	5,783	4,279	6,923	16,986	4,675	2,945	8,120	15,740	11,371
420	3	19,505	2,432	2,018	4,097	8,546	2,159	890	3,901	6,950	5,510
421	3	7,724	719	273	2,948	3,940	1,045	294	1,738	3,077	2,182
422	3	31,702	6,211	1,359	6,197	13,767	6,295	1,127	5,138	12,560	8,956
423	3	20,667	2,224	5,409	1,035	8,667	2,085	960	4,976	8,021	5,838
424	3	11,609	2,098	300	2,648	5,046	943	645	2,303	3,892	3,279
425	3	22,642	3,525	2,806	2,735	9,066	1,699	2,435	3,281	7,415	6,397
426	3	40,909	4,368	3,878	10,295	18,541	4,908	4,348	7,816	17,072	11,557
427	3	18,850	1,111	4,233	2,669	8,013	2,750	1,146	3,203	7,099	5,325
428	3	35,800	4,252	5,452	5,179	14,883	4,280	2,002	5,947	12,228	10,114
429	3	23,922	6,111	1,013	2,555	9,679	3,797	599	4,544	8,940	6,758
430	3	22,124	2,661	2,315	4,586	9,561	3,740	567	3,512	7,819	6,250
431	3	23,141	5,147	1,633	2,587	9,366	5,184	1,563	2,469	9,217	6,537
432	3	21,501	4,907	1,578	2,480	8,965	4,984	1,506	2,324	8,814	6,074
433	3	37,746	4,464	2,828	9,613	16,905	3,026	1,633	7,373	12,032	10,663
434	3	5,764	870	581	1,092	2,543	799	371	1,729	2,900	1,628
435	3	35,895	5,102	4,313	6,252	15,667	6,462	2,134	3,018	11,613	10,140
436	3	5,942	118	159	2,905	3,182	1,025	191	631	1,847	1,679
437	3	21,734	7,787	1,717	2,502	12,006	11,301	6,321	11,440	29,062	6,140
438	3	23,956	7,280	1,169	1,836	10,285	7,743	3,783	6,676	18,202	6,767
439	3	25,412	3,254	3,156	2,850	9,260	1,930	959	4,587	7,477	7,179
440	3	8,084	2,009	818	1,633	4,460	4,185	3,293	7,190	14,668	2,284
441	3	30,602	3,060	3,633	7,831	14,524	3,086	1,552	10,645	15,282	8,645
442	3	17,172	3,191	1,411	3,237	7,838	3,804	1,854	4,986	10,644	4,851

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
443	3	37,913	2,195	5,283	9,036	16,514	8,713	763	5,170	14,646	10,711
444	3	37,838	2,304	5,312	9,064	16,680	8,034	723	4,745	13,502	10,689
445	3	7,748	682	814	1,976	3,471	2,185	1,276	4,782	8,243	2,189
446	3	6,325	1,124	328	1,245	2,697	488	411	1,823	2,722	1,787
447	3	12,253	1,466	1,810	2,515	5,791	1,656	1,678	2,187	5,521	3,461
448	3	29,214	3,479	3,317	7,065	13,861	4,836	1,148	6,897	12,881	8,253
449	3	17,721	4,246	1,820	430	6,495	1,677	693	3,616	5,986	5,006
450	3	56,527	12,652	2,234	8,176	23,061	8,527	1,192	11,912	21,631	15,969
451	3	32,656	7,416	2,710	3,896	14,022	10,396	5,848	9,125	25,369	9,225
452	3	6,293	1,020	356	1,561	2,937	855	1,221	2,427	4,503	1,778
453	3	7,596	2,781	1,255	697	4,734	3,170	706	2,605	6,481	2,146
454	3	23,669	1,236	3,621	7,100	11,956	17,050	2,938	19,571	39,559	6,686
455	3	11,626	1,520	1,469	1,908	4,898	925	1,723	3,274	5,922	3,284
456	3	17,602	3,267	584	3,523	7,374	502	569	3,830	4,900	4,972
457	3	14,878	1,860	1,318	3,177	6,356	606	645	4,082	5,333	4,203
458	3	7,632	671	1,155	1,522	3,347	880	361	1,831	3,072	2,156
459	3	8,498	3,101	1,586	2,712	7,400	3,224	569	2,032	5,825	2,401
460	3	6,853	1,237	501	1,081	2,818	576	274	1,154	2,004	1,936
461	3	63,997	3,216	16,830	8,575	28,622	9,462	1,426	10,352	21,240	18,079
462	3	62,908	13,037	4,304	7,415	24,756	2,087	4,898	16,876	23,862	17,772
463	3	15,281	877	4,525	1,136	6,538	1,723	3,489	4,514	9,726	4,317
464	3	14,138	3,397	2,300	2,946	8,643	8,042	22,798	9,326	40,165	3,994
465	3	73,983	4,502	12,400	13,272	30,173	21,178	7,687	9,528	38,394	20,900
466	3	43,433	4,663	4,172	9,824	18,658	9,828	10,377	13,326	33,531	12,270
467	3	20,560	2,068	2,805	4,046	8,919	12,544	5,279	7,306	25,130	5,808
468	2	12,467	259	-	6,754	7,013	1,084	2,766	196	4,046	3,522
469	2	6,609	1,347	104	1,763	3,214	1,262	805	1,888	3,955	1,867
470	2	51,859	14,593	1,514	5,896	22,003	10,424	5,372	13,675	29,471	14,650
471	2	6,430	868	575	1,214	2,658	2,513	713	2,278	5,504	1,816
472	2	16,071	4,211	778	1,639	6,629	3,511	2,134	4,058	9,703	4,540
473	2	6,708	942	805	812	2,560	1,351	586	1,547	3,484	1,895
474	2	24,429	3,877	1,837	4,925	10,639	14,227	3,758	6,459	24,443	6,901
475	2	3,957	635	231	861	1,727	2,780	667	1,150	4,597	1,118
476	2	38,628	4,515	4,868	5,750	15,133	12,235	6,655	8,297	27,186	10,912
477	2	8,974	2,066	559	1,038	3,663	2,387	1,101	2,399	5,888	2,535
478	2	37,894	7,517	2,717	5,971	16,205	15,297	2,225	8,540	26,063	10,705
479	2	33,590	5,558	3,004	5,782	14,344	12,447	3,978	6,370	22,795	9,489
480	2	10,009	3,041	351	1,175	4,567	2,995	1,728	3,350	8,073	2,827
481	2	7,438	1,570	475	1,289	3,333	1,985	1,407	2,721	6,112	2,101
482	2	6,064	2,272	62	387	2,721	1,359	900	1,568	3,828	1,713
483	2	8,025	2,499	252	694	3,445	1,318	980	2,962	5,260	2,267
484	2	8,876	954	395	2,645	3,994	733	1,487	3,041	5,262	2,508
485	2	10,598	3,586	157	1,044	4,786	3,020	1,223	3,231	7,473	2,994
486	2	23,738	680	2,969	6,584	10,233	2,890	3,073	7,688	13,651	6,706
487	2	48,884	6,552	3,761	10,010	20,323	4,050	3,306	10,281	17,636	13,810
488	2	51,672	8,188	5,249	7,112	20,549	2,248	2,652	8,554	13,455	14,597
489	2	1,45,239	6,165	35,915	1,510	43,590	10,074	13,427	25,935	49,436	41,030
490	2	1,33,554	23,184	8,507	23,670	55,360	11,640	6,841	20,464	38,945	37,729
491	2	69,518	12,232	4,419	12,296	28,947	8,675	5,002	14,963	28,639	19,639
492	2	34,268	4,667	2,891	6,454	14,012	1,169	3,472	7,914	12,556	9,681
493	2	31,763	5,814	3,018	2,120	10,952	801	701	2,728	4,230	8,973
494	2	33,391	3,846	3,382	4,738	11,966	7,404	1,215	4,362	12,981	9,433
495	2	36,572	4,456	3,684	5,161	13,301	5,826	910	3,268	10,004	10,332
496	2	1,21,501	13,853	12,317	17,258	43,428	11,779	1,934	6,943	20,656	34,324
497	2	16	21	-	-	21	34	-	-	34	4
498	2	20,851	5,162	693	2,425	8,280	3,303	613	1,489	5,405	5,890
499	2	37,252	8,832	1,244	4,351	14,427	5,159	1,026	2,490	8,675	10,524
500	2	5,196	2,941	287	968	4,195	4,659	-	1,955	6,615	1,468
501	2	14,683	4,912	1,196	2,575	8,683	16,128	7,280	7,574	30,981	4,148
502	2	16,557	3,419	1,510	3,242	8,171	5,232	1,828	2,824	9,884	4,677
503	2	22,224	3,739	1,649	4,662	10,050	1,045	423	1,537	3,005	6,278
504	2	29,112	4,796	2,167	6,125	13,089	1,653	792	2,873	5,317	8,224
505	2	35,270	7,763	2,873	4,371	15,007	3,114	1,106	2,646	6,867	9,964
506	2	36,683	8,057	2,591	4,685	15,333	12,419	3,458	6,698	22,575	10,363
507	2	67,573	13,781	4,495	10,522	28,798	19,991	5,155	11,229	36,375	19,089
508	2	40,220	7,042	2,821	7,963	17,826	10,115	6,828	10,056	26,999	11,362
509	2	30,662	7,563	980	4,969	13,513	6,099	4,259	6,929	17,287	8,662
510	2	9,669	1,623	725	1,725	4,072	1,761	1,141	2,005	4,907	2,731
511	2	35,644	5,458	3,186	6,079	14,722	6,997	3,759	7,237	17,994	10,069
512	2	24,042	2,975	1,499	6,452	10,926	9,632	1,416	2,575	13,622	6,792
513	2	16,206	1,933	1,014	4,364	7,312	6,586	990	1,801	9,376	4,578
514	2	12,602	2,927	1,437	342	4,706	1,844	1,574	4,026	7,444	3,560
515	2	3,213	933	141	439	1,513	1,310	819	1,987	4,116	908
516	2	9,387	2,501	526	854	3,881	2,145	1,764	932	4,840	2,652
517	2	4,143	803	256	688	1,747	398	436	1,084	1,918	1,171

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
518	2	10,127	1,366	414	3,098	4,878	5,480	1,496	6,737	13,713	2,861
519	2	26,282	9,814	540	2,555	12,909	11,655	6,665	9,168	27,488	7,425
520	2	9,403	3,189	371	577	4,137	2,898	1,356	2,978	7,232	2,656
521	2	12,424	3,485	542	1,515	5,542	2,131	1,386	4,319	7,836	3,510
522	2	33,197	9,608	1,325	2,494	13,427	7,853	684	2,333	10,870	9,378
523	2	40,890	12,244	1,616	3,042	16,902	9,987	773	2,633	13,392	11,551
524	2	27,147	7,784	1,086	2,045	10,915	5,935	525	1,790	8,251	7,669
525	2	27,355	7,902	1,092	2,056	11,051	7,033	614	2,094	9,741	7,728
526	2	9,393	1,014	1,326	1,118	3,458	1,238	227	1,516	2,981	2,653
527	2	10,703	1,915	880	1,425	4,220	987	446	2,112	3,545	3,024
528	2	25,755	6,576	374	4,550	11,500	8,346	243	2,246	10,835	7,276
529	2	49,085	12,167	717	8,732	21,617	11,435	346	3,197	14,979	13,867
530	2	15,925	5,414	506	1,670	7,590	5,220	365	1,537	7,122	4,499
531	2	9,784	1,721	393	2,117	4,231	1,136	179	1,688	3,004	2,764
532	2	10,483	2,468	380	1,723	4,570	3,004	400	1,010	4,413	2,961
533	2	20,799	3,484	1,004	4,397	8,885	1,618	191	4,117	5,927	5,876
534	2	11,128	2,467	523	1,598	4,588	841	272	2,180	3,293	3,144
535	2	3,778	847	177	541	1,566	257	70	648	975	1,067
536	2	36,769	7,448	2,131	6,472	16,051	12,688	440	1,490	14,617	10,387
537	2	5,936	1,249	274	993	2,516	582	259	1,029	1,870	1,677
538	2	47,038	12,288	2,133	6,236	20,657	12,179	329	1,829	14,336	13,288
539	2	46,966	12,330	2,135	6,242	20,707	12,986	349	1,945	15,280	13,268
540	2	58,041	15,155	2,642	7,725	25,522	12,356	330	1,834	14,520	16,397
541	2	40,037	10,604	1,816	5,310	17,730	10,696	278	1,548	12,522	11,311
542	2	10,851	7,103	583	1,264	8,950	7,642	313	1,017	8,972	3,065
543	2	33,929	5,210	2,649	6,808	14,667	9,499	2,904	9,927	22,331	9,585
544	2	5,241	1,352	263	1,081	2,697	4,374	192	828	5,394	1,481
545	2	16,406	1,405	1,579	3,892	6,875	2,690	981	3,368	7,038	4,635
546	2	5,973	2,242	78	425	2,745	2,064	87	643	2,793	1,687
547	2	6,583	1,368	488	1,188	3,044	1,504	481	1,520	3,504	1,860
548	2	3,816	740	284	904	1,928	1,382	349	1,462	3,193	1,078
549	2	14,817	2,786	817	3,319	6,921	2,821	606	3,438	6,866	4,186
550	2	46,003	8,545	3,253	7,758	19,556	4,383	1,415	5,317	11,115	12,996
551	2	47,973	8,573	4,232	7,246	20,051	5,777	2,491	8,205	16,473	13,552
552	2	7,930	1,150	1,198	743	3,091	2,974	277	933	4,184	2,240
553	2	38,755	4,711	3,929	7,612	16,252	1,431	1,699	5,773	8,903	10,948
554	2	86,649	17,680	7,044	11,020	35,744	11,761	3,025	5,066	19,852	24,478
555	2	18,524	2,120	1,242	4,909	8,271	1,097	1,295	3,031	5,423	5,233
556	2	37,206	6,023	2,485	7,312	15,820	8,250	2,595	3,125	13,970	10,511
557	2	11,935	1,590	1,620	1,970	5,180	2,778	2,218	2,722	7,718	3,372
558	2	16,003	4,666	863	1,758	7,287	3,124	1,667	3,016	7,807	4,521
559	2	22,631	3,805	975	5,540	10,320	4,378	2,176	3,746	10,301	6,393
560	2	63,936	13,647	4,086	10,411	28,143	18,434	2,254	8,535	29,223	18,062
561	2	21,559	4,386	1,072	3,453	8,910	5,961	890	1,998	8,848	6,090
562	2	49,525	7,901	5,660	5,342	18,903	9,856	5,068	8,474	23,399	13,991
563	2	10,536	3,646	166	517	4,329	1,174	2,020	1,677	4,872	2,977
564	2	37,025	5,243	3,309	6,285	14,837	6,058	2,504	3,916	12,479	10,460
565	2	47,618	6,772	4,254	8,079	19,105	7,662	3,099	4,847	15,608	13,452
566	2	721	376	77	74	527	1,525	307	1,549	3,380	204
567	2	11,815	2,816	645	1,772	5,234	2,431	3,125	1,960	7,517	3,338
568	2	51,265	14,573	1,757	4,702	21,032	7,332	3,730	9,606	20,669	14,482
569	2	8,884	1,740	827	830	3,397	1,246	278	1,600	3,125	2,510
570	2	9,714	1,715	858	1,217	3,789	490	931	2,136	3,557	2,744
571	2	18,155	4,290	866	2,244	7,400	3,601	777	1,612	5,990	5,129
572	2	8,720	1,184	841	1,387	3,412	584	1,211	1,052	2,847	2,463
573	2	11,519	1,978	975	1,602	4,554	2,883	344	1,457	4,683	3,254
574	2	14,798	2,222	1,126	2,680	6,027	1,657	884	2,330	4,871	4,180
575	2	11,838	2,022	1,003	1,647	4,672	3,025	451	1,043	4,519	3,344
576	2	80,061	20,174	3,374	9,431	32,979	15,657	4,093	5,696	25,446	22,617
577	2	45,858	12,326	1,595	6,030	19,951	6,103	1,626	5,336	13,066	12,955
578	2	6,037	1,389	295	1,250	2,934	1,236	294	868	2,398	1,705
579	2	5,476	345	714	1,128	2,187	381	405	778	1,564	1,547
580	2	29,564	5,640	5,048	-	10,689	5,703	865	2,298	8,866	8,352
581	2	72,666	10,898	5,557	15,686	32,141	6,371	2,509	8,049	16,929	20,528
582	2	50,169	7,601	4,060	10,442	22,103	9,102	5,109	6,455	20,666	14,173
583	2	15,224	2,089	1,247	3,207	6,543	2,730	1,592	2,012	6,334	4,301
584	2	14,345	1,861	1,182	3,041	6,083	1,791	1,128	1,425	4,344	4,052
585	2	11,599	1,516	955	2,457	4,928	1,423	892	1,126	3,441	3,277
586	2	21,415	2,800	1,763	4,536	9,099	2,987	1,827	2,308	7,122	6,050
587	2	29,628	4,039	2,292	6,470	12,800	1,680	1,406	6,674	9,759	8,370
588	2	9,249	2,788	345	885	4,017	506	487	2,421	3,413	2,613
589	2	8,025	287	678	2,596	3,560	302	344	1,767	2,413	2,267
590	2	3,674	484	393	622	1,500	409	312	1,925	2,645	1,038
591	2	5,702	920	756	437	2,112	278	168	507	953	1,611
592	3	2,986	448	529	157	1,134	304	1,141	2,386	3,831	843

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
593	3	29,328	2,359	3,441	6,882	12,682	7,736	4,933	8,050	20,719	8,285
594	3	0	0	0	0	0	0	-	0	0	0
595	3	11,107	1,883	1,087	3,177	6,146	7,895	3,263	4,506	15,664	3,138
596	3	3,362	195	125	1,608	1,928	308	470	837	1,616	950
597	3	7,047	848	1,013	1,451	3,312	1,021	1,153	2,633	4,806	1,991
598	3	5,712	694	824	1,178	2,697	621	1,023	2,306	3,950	1,614
599	3	7,039	922	899	1,088	2,909	1,212	1,281	3,189	5,682	1,989
600	3	34,902	8,874	2,027	3,089	13,990	2,874	5,386	12,609	20,869	9,860
601	3	24,167	1,313	2,677	6,993	10,983	9,817	4,004	6,130	19,950	6,827
602	3	45,683	4,226	6,926	7,944	19,096	5,733	8,146	10,478	24,357	12,905
603	3	45,969	9,260	5,104	8,267	22,631	6,054	2,556	4,969	13,579	12,986
604	3	12,794	2,175	2,174	1,750	6,099	2,626	3,727	2,854	9,207	3,614
605	3	10,160	2,088	413	1,661	4,162	344	575	1,543	2,461	2,870
606	3	30,765	6,561	2,986	3,673	13,221	3,630	4,050	2,712	10,391	8,691
607	3	59,358	5,742	6,666	14,069	26,477	4,459	7,567	8,686	20,712	16,769
608	3	58,152	4,543	8,121	12,059	24,722	2,146	3,461	7,095	12,701	16,428
609	3	36,701	5,320	4,796	6,291	16,407	6,052	8,540	5,578	20,170	10,368
610	3	20,714	5,331	406	3,540	9,277	2,465	3,433	2,072	7,970	5,852
611	3	16,063	2,087	1,164	3,802	7,054	1,133	1,319	1,889	4,341	4,538
612	3	21,332	4,390	1,935	4,515	10,841	2,890	5,118	4,690	12,699	6,026
613	3	8,598	620	1,135	2,047	3,803	449	860	1,709	3,018	2,429
614	3	34,495	5,202	5,305	3,796	14,302	2,430	5,813	5,442	13,685	9,745
615	3	1,455	342	279	408	1,029	6,204	1,920	3,359	11,483	411
616	3	1,878	464	369	536	1,369	5,222	1,614	2,758	9,594	531
617	3	16,330	1,538	2,302	3,569	7,410	3,642	1,134	1,902	6,678	4,613
618	3	10,220	1,481	1,629	2,461	5,571	9,044	2,861	4,725	16,631	2,887
619	3	1,01,994	12,696	15,260	12,949	40,904	831	2,176	4,223	7,230	28,813
620	3	15,247	2,381	1,772	1,890	6,043	363	1,106	1,645	3,113	4,307
621	3	11,982	1,485	1,534	2,101	5,119	913	1,598	2,727	5,238	3,385
622	3	11,672	2,398	585	2,184	5,167	1,129	689	1,842	3,659	3,297
623	3	26,667	7,704	1,555	2,722	11,980	6,025	2,128	4,394	12,547	7,534
624	3	11,072	2,718	915	2,357	5,990	1,471	613	2,286	4,369	3,128
625	3	28,013	7,868	934	3,137	11,939	2,345	3,091	1,928	7,363	7,914
626	3	32,423	4,062	2,592	8,049	14,703	3,440	887	4,692	9,019	9,159
627	3	14,229	2,433	789	2,859	6,081	1,858	1,278	4,162	7,298	4,020
628	3	9,104	2,234	67	1,585	3,886	1,188	453	1,937	3,579	2,572
629	3	22,340	2,581	1,891	5,716	10,188	2,028	1,726	8,485	12,239	6,311
630	3	31,560	3,946	1,747	8,134	13,827	6,365	2,330	8,585	17,280	8,916
631	3	26,283	3,046	3,096	5,669	11,812	5,328	7,097	10,873	23,298	7,425
632	3	32,284	4,939	1,217	8,416	14,573	7,275	3,583	10,054	20,913	9,120
633	3	15,052	2,126	2,143	2,370	6,639	3,192	3,173	6,216	12,580	4,252
634	3	17,309	2,694	1,070	4,128	7,893	2,106	2,077	5,542	9,725	4,890
635	3	17,050	2,583	1,206	3,587	7,376	1,949	2,595	2,711	7,255	4,817
636	3	28,000	5,102	2,853	3,207	11,162	1,564	1,511	8,669	11,743	7,910
637	3	10,921	703	1,866	2,599	5,168	1,713	2,297	5,026	9,036	3,085
638	3	17,153	5,509	263	721	6,493	2,047	1,078	5,154	8,279	4,846
639	3	31,508	1,408	4,255	8,407	14,071	1,186	1,195	5,970	8,351	8,901
640	2	52,694	7,672	4,089	10,883	22,645	4,386	215	1,614	6,214	14,886
1001	11	12,615	1,612	2,592	1,321	5,525	1,415	425	812	2,652	3,564
1002	11	10,259	1,351	2,641	1,350	5,341	1,585	380	1,147	3,112	2,898
1003	11	7,195	616	1,737	892	3,245	537	101	549	1,187	2,033
1004	11	26,194	7,956	2,485	1,770	12,211	3,360	1,502	1,530	6,392	7,400
1005	11	2,881	1,139	62	159	1,359	92	72	225	390	814
1006	11	7,997	1,753	1,087	1,136	3,975	257	184	672	1,113	2,259
1007	11	6,541	1,170	728	750	2,648	384	329	1,230	1,942	1,848
1008	11	15,676	2,828	1,751	1,843	6,423	766	671	2,574	4,011	4,428
1009	11	3,524	588	364	382	1,335	195	179	682	1,056	996
1010	11	4,082	741	461	474	1,676	184	161	620	965	1,153
1011	11	22,051	4,843	3,579	2,672	11,095	738	632	1,151	2,521	6,229
1012	11	18,378	3,984	2,913	2,063	8,960	1,551	919	1,313	3,783	5,192
1013	11	4,433	710	512	463	1,685	433	360	348	1,142	1,252
1014	11	5,168	909	652	558	2,119	497	328	332	1,157	1,460
1015	11	5,276	1,001	711	539	2,251	678	320	309	1,307	1,491
1016	11	7,329	1,268	804	1,356	3,428	3,476	4,439	4,355	12,270	2,071
1017	11	14,052	2,094	1,327	2,242	5,663	1,405	1,138	1,297	3,840	3,970
1018	11	5,810	792	482	1,093	2,367	632	859	936	2,426	1,641
1019	11	4,047	569	345	807	1,721	246	335	401	982	1,143
1020	11	9,624	1,261	768	1,745	3,774	933	1,271	1,404	3,607	2,719
1021	11	8,666	1,074	1,233	1,141	3,448	486	262	893	1,641	2,448
1022	11	47,612	9,850	3,671	5,719	19,241	1,040	2,541	3,456	7,037	13,450
1023	11	19,214	4,082	1,519	2,371	7,972	612	1,534	1,898	4,045	5,428
1024	11	24,507	3,686	2,781	3,573	10,040	2,202	2,195	3,675	8,072	6,923
1025	11	24	6	4	2	12	2	2	1	5	7
1026	11	29,405	4,653	3,516	4,559	12,728	876	837	1,793	3,506	8,307
1027	11	17,830	1,958	4,639	1,252	7,849	1,611	791	1,049	3,452	5,037

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1028	11	22,042	1,848	6,554	1,565	9,967	1,976	1,518	1,427	4,921	6,227
1029	11	11,911	3,328	1,400	679	5,407	1,158	1,365	1,131	3,654	3,365
1030	11	9,443	3,001	721	333	4,055	433	320	714	1,467	2,668
1031	11	16,316	5,287	1,142	520	6,949	686	579	1,409	2,674	4,609
1032	11	27,042	7,786	2,764	1,325	11,876	1,712	2,501	1,890	6,102	7,639
1033	11	8,031	1,785	1,317	593	3,696	430	813	330	1,573	2,269
1034	11	26,277	5,602	4,340	1,807	11,748	2,466	738	2,512	5,716	7,423
1035	11	8,651	1,920	1,467	624	4,011	1,715	502	1,638	3,855	2,444
1036	11	15,015	3,264	2,447	1,074	6,785	928	1,130	871	2,929	4,242
1037	11	8,778	1,862	1,471	593	3,926	203	62	396	661	2,480
1038	11	4,854	1,036	802	334	2,172	260	170	309	740	1,371
1039	11	4,285	948	695	316	1,959	366	461	318	1,145	1,210
1040	11	9,204	1,226	1,298	1,410	3,934	240	140	408	789	2,600
1041	11	4,763	637	672	727	2,035	126	76	212	414	1,346
1042	11	13,211	1,871	1,980	2,150	6,001	387	249	640	1,276	3,732
1043	11	13,827	1,819	1,874	1,978	5,671	530	449	787	1,766	3,906
1044	11	16,372	2,209	2,238	2,321	6,768	643	557	920	2,119	4,625
1045	11	26,635	4,131	3,748	3,380	11,259	1,844	2,211	2,025	6,079	7,524
1046	11	9,836	1,392	1,410	1,462	4,264	282	204	413	900	2,779
1047	11	9,785	1,748	1,478	1,192	4,418	511	942	410	1,864	2,764
1048	11	19,236	2,726	2,548	2,393	7,667	1,054	1,170	1,184	3,408	5,434
1049	11	12,257	1,797	1,801	1,846	5,444	729	536	930	2,196	3,463
1050	11	5,533	901	515	1,017	2,433	546	153	593	1,292	1,563
1051	11	10,109	1,632	942	1,777	4,351	746	225	808	1,779	2,856
1052	11	3,614	635	364	713	1,712	208	61	246	514	1,021
1053	11	3,643	614	350	702	1,666	268	76	308	653	1,029
1054	11	6,293	1,016	580	1,149	2,744	493	135	556	1,184	1,778
1055	11	12,926	1,980	1,128	2,256	5,364	850	258	1,001	2,109	3,652
1056	11	12,384	2,016	1,176	2,124	5,316	1,230	411	1,294	2,935	3,498
1057	11	14,440	2,405	1,398	2,562	6,365	1,389	545	1,473	3,406	4,079
1058	11	10,590	1,650	942	1,871	4,463	580	165	710	1,455	2,992
1059	11	4,479	1,277	161	291	1,729	142	115	654	911	1,265
1060	11	10,055	3,250	496	759	4,506	946	795	4,061	5,802	2,840
1061	11	11,519	3,918	504	896	5,319	339	272	1,517	2,129	3,254
1062	11	5,366	1,530	197	350	2,078	236	190	1,067	1,493	1,516
1063	11	10,273	2,754	672	695	4,122	913	378	1,554	2,846	2,902
1064	11	16,832	4,110	530	940	5,581	442	360	2,062	2,864	4,755
1065	11	14,266	3,468	566	818	4,852	708	413	2,150	3,271	4,030
1066	11	13,172	3,669	490	843	5,001	409	369	1,810	2,587	3,721
1067	11	11,612	2,993	372	682	4,047	280	233	1,324	1,837	3,280
1068	11	15,627	4,213	516	958	5,687	284	215	1,372	1,871	4,415
1069	11	8,540	2,342	549	586	3,477	724	304	1,291	2,319	2,413
1070	11	5,012	1,362	357	349	2,068	409	244	721	1,374	1,416
1071	11	14,830	4,119	521	940	5,580	220	167	1,029	1,415	4,189
1072	11	9,319	2,586	370	599	3,555	350	288	1,511	2,149	2,632
1073	11	22,812	4,408	2,932	2,771	10,111	4,472	996	1,203	6,671	6,444
1074	11	6,141	835	506	1,063	2,404	811	190	429	1,430	1,735
1075	11	2,441	325	195	429	949	328	52	172	552	689
1076	11	14,428	2,598	1,638	2,084	6,320	1,762	1,111	1,267	4,140	4,076
1077	11	7,386	1,081	976	1,153	3,211	852	298	415	1,566	2,087
1078	11	7,171	842	990	1,681	3,513	698	199	570	1,467	2,026
1079	11	-	-	-	-	-	-	-	-	-	-
1080	11	13,287	1,467	1,777	3,110	6,354	1,594	438	1,363	3,395	3,754
1081	11	8,489	2,463	1,780	502	4,745	692	197	1,780	2,669	2,398
1082	11	19,405	3,374	1,670	2,355	7,399	985	711	3,148	4,844	5,482
1083	11	6,809	1,194	755	714	2,663	396	529	734	1,659	1,924
1084	11	4,568	805	504	501	1,810	198	329	469	996	1,291
1085	11	1,541	293	190	155	638	152	112	145	409	435
1086	11	12,666	2,487	899	1,894	5,280	553	1,169	1,478	3,199	3,578
1087	11	9,255	1,368	745	1,546	3,659	431	694	687	1,812	2,614
1088	11	12,630	1,753	864	2,467	5,084	156	1,198	1,175	2,528	3,568
1089	11	3,757	600	339	614	1,554	241	231	233	706	1,061
1090	11	20,424	2,807	1,404	3,840	8,051	2,853	3,882	3,487	10,223	5,770
1091	11	13,362	2,763	416	2,660	5,839	679	525	940	2,145	3,775
1092	11	13,721	2,834	411	2,746	5,991	696	538	971	2,204	3,876
1093	11	13,372	2,685	297	2,707	5,689	692	461	1,019	2,172	3,778
1094	11	11,425	2,263	355	2,163	4,781	646	528	891	2,065	3,228
1095	11	1,819	329	26	343	698	147	100	216	463	514
1096	11	10,095	2,012	354	1,878	4,244	587	544	778	1,909	2,852
1097	11	5,543	1,093	324	870	2,287	735	293	532	1,561	1,566
1098	11	14,665	2,896	267	2,980	6,143	2,473	1,674	3,381	7,528	4,143
1099	11	11,155	2,112	306	2,046	4,464	1,825	1,112	2,203	5,140	3,151
1100	11	13,313	2,587	239	2,661	5,487	727	479	1,094	2,300	3,761
1101	11	15,074	3,105	608	2,828	6,541	920	763	1,074	2,758	4,258
1102	11	6,482	1,174	76	1,245	2,495	1,416	970	1,939	4,324	1,831

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1103	11	18,844	3,707	296	3,868	7,871	874	557	1,372	2,803	5,324
1104	11	11,135	2,177	248	2,187	4,613	613	425	900	1,938	3,146
1105	11	10,755	2,111	266	2,091	4,468	596	417	859	1,871	3,038
1106	11	10,539	2,084	313	2,006	4,403	598	495	828	1,921	2,977
1107	11	2,441	468	304	241	1,013	269	79	208	556	689
1108	11	3,363	579	363	355	1,298	179	79	328	587	950
1109	11	5,879	1,098	707	596	2,401	738	255	798	1,792	1,661
1110	11	11,947	2,013	1,262	1,240	4,514	752	336	1,373	2,462	3,375
1111	11	6,608	1,083	681	659	2,422	738	337	1,251	2,326	1,867
1112	11	1,539	280	175	172	627	111	49	197	356	435
1113	11	3,460	643	413	352	1,408	428	150	477	1,055	977
1114	11	3,362	647	421	331	1,399	385	108	284	777	950
1251	7	280	48	20	49	117	15	21	12	48	79
1252	7	3,108	526	254	536	1,317	176	312	124	612	878
1253	7	3,807	397	945	211	1,553	256	231	211	698	1,075
1254	7	2,858	285	733	133	1,151	189	95	167	451	807
1255	7	3,346	495	534	385	1,414	124	182	235	542	945
1256	7	2,992	930	529	60	1,519	316	178	343	837	845
1257	7	5,308	223	489	1,430	2,143	220	622	166	1,008	1,500
1258	7	4,250	502	305	971	1,778	400	271	133	803	1,201
1259	7	5,100	690	433	1,023	2,146	265	336	293	895	1,441
1260	7	2,394	280	247	468	994	207	152	62	421	676
1261	7	1,201	138	73	286	497	38	93	64	195	339
1262	7	1,445	176	101	331	608	97	113	52	263	408
1263	7	993	119	62	234	415	67	84	38	189	280
1264	7	1,603	197	120	360	677	117	166	58	341	453
1265	7	1,320	167	114	283	564	84	124	44	252	373
1266	7	733	100	94	129	323	43	41	19	103	207
1267	7	4,423	360	97	1,351	1,808	440	103	169	711	1,249
1268	7	15	2	2	2	7	2	4	0	6	4
1269	7	4,014	243	347	1,042	1,632	346	179	163	688	1,134
1270	7	6,819	369	550	1,829	2,748	582	243	286	1,112	1,926
1271	7	3,556	402	200	864	1,466	367	40	156	563	1,004
1272	7	4,868	334	247	1,393	1,974	147	153	413	713	1,375
1273	7	6,796	773	397	1,637	2,807	318	397	406	1,121	1,920
1274	7	3,971	823	166	717	1,706	168	242	261	672	1,122
1275	7	2,239	466	89	406	961	95	125	149	369	632
1276	7	827	172	34	150	355	36	36	54	126	234
1277	7	5,079	1,025	241	916	2,182	196	266	373	834	1,435
1278	7	3,334	387	218	782	1,387	91	202	236	529	942
1279	7	1,943	613	169	79	861	188	41	82	311	549
1280	7	5,953	1,669	353	633	2,654	268	301	150	719	1,682
1281	7	4,701	1,349	254	491	2,093	330	300	161	791	1,328
1282	7	2,235	686	86	221	993	166	129	82	377	631
1283	7	1,198	369	45	118	531	89	71	44	205	338
1284	7	16,475	2,230	2,597	2,140	6,967	1,212	1,291	802	3,305	4,654
1285	7	19,833	3,736	2,041	2,865	8,643	1,560	1,845	815	4,219	5,603
1286	7	8,533	1,767	639	1,238	3,643	423	544	423	1,390	2,411
1287	7	52,800	8,531	5,512	8,097	22,139	2,261	2,908	3,242	8,411	14,916
1288	7	36,562	7,777	3,069	4,858	15,704	1,556	1,908	2,447	5,912	10,329
1289	7	38,719	6,979	4,797	5,344	17,120	2,267	878	1,573	4,718	10,938
1290	7	14,734	2,444	2,086	2,067	6,597	968	219	429	1,617	4,162
1291	7	12,572	2,194	1,328	1,823	5,345	848	455	719	2,022	3,552
1292	7	7,799	1,907	1,335	103	3,345	226	241	664	1,131	2,203
1293	7	4,982	1,216	853	69	2,138	147	161	423	731	1,408
1294	7	6,920	1,669	1,183	122	2,974	205	279	575	1,059	1,955
1295	7	3,959	974	678	44	1,696	112	124	342	578	1,118
1296	7	10,398	2,565	1,781	106	4,452	293	308	902	1,503	2,937
1297	7	8,866	1,548	1,027	1,156	3,731	275	443	637	1,355	2,505
1298	7	9,750	1,698	1,137	1,273	4,107	301	503	692	1,497	2,754
1299	7	17,072	2,995	1,952	2,219	7,166	516	834	1,254	2,604	4,823
1300	7	282	45	41	39	124	17	32	8	58	80
1301	7	4,779	836	551	622	2,009	296	255	220	770	1,350
1302	7	2,191	375	268	289	932	137	168	93	398	619
1303	7	3,252	555	400	430	1,385	192	207	135	534	919
1304	7	9,899	2,197	707	1,330	4,234	540	262	698	1,500	2,797
1305	7	8,816	1,964	621	1,184	3,769	479	224	626	1,330	2,491
1306	7	14,950	2,819	1,318	2,177	6,313	1,076	739	653	2,468	4,223
1307	7	11,122	2,096	983	1,619	4,698	799	561	485	1,845	3,142
1308	7	9,705	1,818	878	1,412	4,108	689	519	417	1,625	2,742
1309	7	20,324	3,833	1,790	2,960	8,583	1,460	1,007	888	3,355	5,742
1310	7	10,338	1,952	905	1,506	4,363	745	513	454	1,711	2,921
1311	7	7,260	1,360	655	1,056	3,072	516	376	312	1,204	2,051
1312	7	8,639	1,630	759	1,258	3,647	622	421	378	1,421	2,440
1313	7	26,388	4,981	2,316	3,843	11,140	1,899	1,311	1,156	4,366	7,455

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1314	7	8,116	1,534	709	1,182	3,426	585	400	357	1,342	2,293
1315	7	13,573	2,556	1,201	1,976	5,734	974	679	591	2,244	3,834
1316	7	4,084	735	675	328	1,738	245	237	226	709	1,154
1317	7	4,457	807	737	349	1,893	228	285	252	765	1,259
1318	7	6,765	1,207	1,118	565	2,890	432	438	364	1,234	1,911
1319	7	6,037	1,050	996	556	2,602	457	475	298	1,230	1,706
1320	7	15,403	2,874	2,549	1,043	6,465	715	746	963	2,423	4,351
1321	7	22,802	4,268	3,773	1,515	9,557	1,056	1,082	1,442	3,580	6,442
1322	7	17,411	3,246	2,881	1,182	7,309	808	884	1,087	2,779	4,919
1323	7	7,199	1,324	1,190	524	3,038	337	387	428	1,151	2,034
1324	7	54,882	13,653	4,587	5,426	23,667	2,086	1,924	4,262	8,271	15,504
1325	7	48,006	5,747	6,240	7,732	19,720	2,189	1,601	3,483	7,273	13,562
1326	7	28,243	5,111	4,270	3,047	12,428	1,959	1,202	1,440	4,601	7,979
1327	7	9,007	1,747	1,316	848	3,911	580	593	589	1,763	2,544
1328	7	3,543	669	525	352	1,546	266	245	215	726	1,001
1329	7	28,408	8,236	1,821	2,410	12,468	1,436	974	1,924	4,334	8,025
1330	7	2,346	642	186	195	1,023	132	125	123	380	663
1331	7	4,185	1,135	340	353	1,828	244	239	217	700	1,182
1332	7	6,887	1,890	544	570	3,004	389	353	362	1,103	1,945
1333	7	6,796	1,862	539	564	2,965	384	349	356	1,089	1,920
1334	7	1,612	375	141	178	695	80	115	81	277	455
1335	7	1,624	380	141	179	700	85	111	83	279	459
1336	7	2,933	698	244	319	1,261	147	189	153	490	829
1337	7	8,024	1,878	694	883	3,456	417	535	408	1,360	2,267
1338	7	4,249	591	571	606	1,767	197	275	242	713	1,200
1339	7	4,469	621	599	637	1,857	206	274	255	735	1,263
1340	7	2,210	307	298	315	920	103	127	123	353	624
1341	7	5,588	776	746	797	2,318	257	319	323	899	1,579
1342	7	361	51	51	52	154	19	48	18	85	102
1343	7	5,733	796	768	817	2,381	263	359	329	951	1,619
1344	7	8,243	1,423	1,024	1,175	3,622	639	1,138	289	2,067	2,329
1345	7	15,821	3,092	1,392	2,244	6,728	342	1,818	735	2,894	4,469
1346	7	10,783	2,116	935	1,530	4,581	172	1,341	507	2,021	3,046
1347	7	13,767	2,699	1,197	1,953	5,849	933	732	797	2,462	3,889
1348	7	2,286	450	197	324	971	154	111	133	398	646
1349	7	7,840	1,529	695	1,112	3,336	142	690	511	1,342	2,215
1350	7	10,923	1,988	1,203	1,410	4,602	494	803	572	1,869	3,086
1351	7	3,216	582	360	417	1,359	154	248	165	567	909
1352	7	6,795	1,341	576	964	2,881	130	195	661	986	1,919
1353	7	4,766	931	420	676	2,027	209	182	374	765	1,346
1354	7	5,189	1,020	446	736	2,202	207	249	347	802	1,466
1355	7	11,737	2,309	1,008	1,664	4,981	479	630	787	1,897	3,316
1356	7	8,217	1,621	699	1,165	3,485	334	421	555	1,310	2,321
1357	7	5,441	1,074	461	772	2,307	100	85	560	744	1,537
1358	7	4,051	823	755	171	1,749	286	212	237	735	1,144
1359	7	44,071	9,493	5,886	3,344	18,723	1,786	1,050	3,657	6,493	12,450
1360	7	7,298	1,396	690	1,036	3,123	286	287	572	1,146	2,062
1361	7	16,562	3,508	2,090	1,463	7,060	663	894	1,096	2,653	4,679
1362	7	7,137	1,504	905	637	3,045	288	406	467	1,161	2,016
1363	7	13,956	2,968	1,754	1,222	5,944	545	673	902	2,120	3,943
1364	7	47,277	10,153	5,883	4,057	20,093	1,916	2,336	3,267	7,518	13,356
1365	7	3,034	601	388	351	1,339	290	284	131	705	857
1366	7	5,769	1,353	585	553	2,491	334	279	334	947	1,630
1367	7	7,330	1,627	810	753	3,190	517	461	387	1,365	2,071
1368	7	2,956	583	251	419	1,253	94	109	235	438	835
1369	7	11,215	2,423	843	1,537	4,803	696	284	737	1,717	3,168
1370	7	3,162	642	166	544	1,352	129	55	268	452	893
1371	7	10,103	2,252	568	1,509	4,328	420	126	888	1,435	2,854
1372	7	7,691	1,674	490	1,145	3,309	397	240	559	1,196	2,173
1373	7	7,869	1,732	473	1,173	3,378	209	424	674	1,306	2,223
1374	7	2,219	527	275	153	956	119	107	164	389	627
1375	7	3,481	739	247	517	1,503	133	191	296	620	983
1376	7	3,482	824	478	196	1,498	207	80	246	532	984
1377	7	2,311	434	246	338	1,018	174	169	161	503	653
1378	7	6,021	1,281	1,042	248	2,572	192	255	499	946	1,701
1379	7	6,073	1,287	437	902	2,626	244	278	470	992	1,716
1380	7	1,093	207	111	153	471	79	72	40	191	309
1381	7	2,077	355	268	293	916	207	233	64	504	587
1382	7	2,339	436	248	327	1,011	171	193	85	449	661
1383	7	6,404	1,155	736	899	2,791	528	720	222	1,470	1,809
1384	7	6,376	1,022	918	911	2,851	775	694	166	1,634	1,801
1385	7	2,947	507	368	420	1,296	248	265	87	600	832
1386	7	7,388	1,152	635	1,301	3,089	318	744	413	1,475	2,087
1387	7	20,506	3,166	1,721	3,584	8,471	1,377	2,236	1,664	5,277	5,793
1388	7	9,996	1,652	924	1,863	4,439	707	1,321	846	2,874	2,824

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1389	7	5,086	724	408	816	1,949	316	619	379	1,315	1,437
1390	7	6,837	1,083	575	1,230	2,887	470	728	575	1,773	1,931
1391	7	6,946	1,064	774	1,149	2,987	482	876	313	1,671	1,962
1392	7	1,384	215	126	241	582	62	85	72	219	391
1393	7	3,141	488	294	544	1,326	137	312	164	613	887
1394	7	4,621	718	419	805	1,943	200	359	244	803	1,305
1395	7	9,199	1,431	819	1,609	3,859	396	694	492	1,583	2,599
1396	7	1,940	301	182	336	819	85	148	99	332	548
1397	7	3,558	550	357	606	1,512	198	333	174	706	1,005
1398	7	4,392	683	395	767	1,845	192	290	232	713	1,241
1399	7	2,619	407	237	456	1,100	116	172	137	425	740
1400	7	2,284	353	225	390	968	122	199	113	434	645
1401	7	8,769	1,370	731	1,554	3,656	372	583	491	1,446	2,477
1402	7	4,634	719	427	804	1,951	220	375	242	837	1,309
1403	7	-	-	-	-	-	-	-	-	-	-
1404	7	23,478	3,654	2,144	4,092	9,890	1,098	2,195	1,253	4,546	6,633
1405	7	1	0	0	0	0	0	0	0	0	0
1406	7	10,618	1,656	918	1,869	4,442	450	814	583	1,847	2,999
1407	7	5,904	845	598	917	2,359	416	894	362	1,672	1,668
1408	7	3,391	524	340	577	1,441	167	430	169	766	958
1409	7	2,739	422	285	462	1,169	145	423	135	703	774
1410	7	9,450	1,470	846	1,651	3,967	408	893	510	1,810	2,670
1411	7	2,185	338	216	373	927	96	201	107	404	617
1412	7	4,625	723	385	820	1,928	195	306	259	761	1,307
1413	7	1,987	309	177	348	834	90	164	107	361	561
1414	7	1,639	250	194	266	711	112	73	63	247	463
1415	7	23,817	3,707	2,122	4,166	9,994	1,046	1,778	1,275	4,098	6,728
1416	7	10,124	755	840	2,499	4,094	453	668	552	1,672	2,860
1417	7	16,487	2,359	2,623	2,466	7,448	1,215	79	279	1,573	4,657
1418	7	12,407	951	1,059	3,026	5,036	555	1,153	674	2,382	3,505
1419	7	8,689	659	733	2,130	3,522	389	597	469	1,456	2,455
1420	7	8,195	605	674	2,000	3,279	582	857	652	2,092	2,315
1421	7	7,985	801	892	1,679	3,371	466	868	342	1,675	2,256
1422	7	8,328	652	726	2,012	3,390	390	702	443	1,535	2,353
1423	7	1,761	140	156	423	718	79	194	94	366	498
1424	7	1,718	124	138	374	635	109	219	123	450	485
1425	7	5,916	449	499	1,450	2,398	267	392	318	977	1,671
1426	7	2,911	187	208	562	957	163	304	187	655	822
1427	7	8,765	685	763	2,118	3,566	416	672	465	1,552	2,476
1428	7	10,536	1,131	1,259	2,110	4,500	595	997	405	1,998	2,976
1429	7	26,073	3,532	4,222	3,910	11,663	2,279	8,879	746	11,903	7,366
1430	7	25,661	2,305	3,945	4,499	10,749	940	6,569	773	8,283	7,249
1431	7	4,742	374	657	758	1,789	142	826	146	1,114	1,340
1432	7	22,101	1,310	3,277	4,249	8,836	399	3,078	646	4,124	6,243
1433	7	15,430	1,128	2,326	2,849	6,303	395	2,930	455	3,780	4,359
1434	7	20,084	1,749	3,078	3,552	8,378	780	4,502	588	5,870	5,674
1435	7	2,995	442	491	429	1,362	272	1,288	91	1,651	846
1436	7	3,852	569	632	552	1,752	500	947	97	1,543	1,088
1437	7	8,379	1,177	1,364	1,233	3,774	800	2,900	238	3,938	2,367
1438	7	2,574	119	291	375	784	57	442	85	584	727
1439	7	99,445	6,730	14,714	18,761	40,205	2,927	12,067	3,312	18,306	28,093
1440	7	26,250	2,384	4,007	4,607	10,998	1,650	4,002	826	6,478	7,416
1441	7	4,755	256	582	752	1,590	175	757	200	1,132	1,343
1442	7	6,722	429	989	1,283	2,702	188	858	235	1,281	1,899
1443	7	10,680	969	1,630	1,875	4,475	665	1,498	331	2,494	3,017
1444	7	7,310	585	1,100	1,328	3,012	325	1,022	231	1,579	2,065
1445	7	13,607	1,066	2,042	2,484	5,592	518	2,019	450	2,987	3,844
1446	7	5,994	562	918	1,041	2,522	339	860	180	1,379	1,693
1447	7	277	28	42	46	117	12	98	10	120	78
1448	7	17,220	1,686	2,486	2,670	6,841	1,213	3,775	609	5,598	4,865
1449	7	975	120	150	144	413	91	217	28	337	275
1450	7	7,688	789	1,192	1,298	3,278	429	1,939	301	2,669	2,172
1451	7	6,017	630	883	920	2,432	482	1,322	204	2,008	1,700
1452	7	16,126	1,326	2,434	2,909	6,669	656	2,520	520	3,697	4,556
1453	7	2,334	313	376	352	1,041	265	553	63	881	659
1454	7	42,590	3,770	6,481	7,530	17,782	1,811	8,039	1,508	11,359	12,032
1455	7	26,995	1,864	4,002	5,072	10,938	778	3,103	869	4,749	7,626
1456	7	13,870	1,114	2,088	2,517	5,719	585	2,761	555	3,900	3,918
1457	7	41,238	2,487	5,651	8,632	16,770	306	4,557	2,281	7,144	11,650
1458	7	5,295	568	804	921	2,293	151	674	196	1,022	1,496
1459	7	47,627	3,893	6,843	9,196	19,931	3,670	9,096	2,306	15,072	13,455
1551	4	47,922	8,307	8,810	4,632	21,748	3,039	4,195	1,215	8,448	13,538
1552	4	6,417	1,067	1,131	602	2,800	233	635	135	1,004	1,813
1553	4	36,824	6,776	7,190	3,027	16,992	3,549	1,634	631	5,813	10,403
1554	4	36,818	7,676	5,382	3,275	16,333	1,531	4,921	1,353	7,805	10,401

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1555	4	17,982	3,718	2,630	1,579	7,928	688	1,816	526	3,031	5,080
1556	4	31,282	6,600	4,947	2,713	14,260	1,747	3,241	907	5,895	8,837
1557	4	4,952	1,222	707	343	2,272	475	499	78	1,053	1,399
1558	4	12,749	3,723	955	972	5,650	983	682	417	2,082	3,601
1559	4	14,356	4,085	1,068	1,068	6,221	683	468	312	1,463	4,056
1560	4	10,580	3,101	1,316	503	4,920	139	76	115	329	2,989
1561	4	9,358	5,565	2,320	893	8,778	582	202	223	1,008	2,644
1562	4	46,207	5,700	4,260	5,126	15,086	177	297	519	993	13,054
1563	4	8,296	1,550	833	1,151	3,533	300	267	93	661	2,343
1564	4	11,530	2,170	1,088	1,676	4,934	274	352	130	755	3,257
1565	4	11,487	1,814	1,670	1,365	4,849	218	506	113	837	3,245
1566	4	6,422	1,028	955	748	2,731	124	477	66	667	1,814
1567	4	8,156	1,276	535	1,575	3,387	40	29	71	139	2,304
1568	4	12,435	1,969	908	2,311	5,188	130	187	114	431	3,513
1569	4	15,425	2,279	2,675	1,549	6,503	2,394	689	1,195	4,278	4,357
1570	4	17,936	2,567	3,008	1,726	7,301	1,888	543	979	3,409	5,067
1571	4	22,348	3,279	3,846	2,216	9,341	2,264	663	1,181	4,108	6,313
1572	4	51,399	9,005	4,660	7,031	20,696	6,024	2,640	2,600	11,264	14,520
1573	4	21,432	3,874	2,129	2,917	8,920	2,405	1,139	990	4,534	6,054
1574	4	4,446	609	447	610	1,666	207	196	560	964	1,256
1575	4	24,911	1,818	1,747	4,335	7,900	425	273	3,265	3,963	7,037
1576	4	20,362	2,067	2,969	2,126	7,162	1,347	1,049	2,079	4,476	5,752
1577	4	23,260	3,467	3,290	3,052	9,809	5,028	2,170	1,114	8,311	6,571
1578	4	49,988	6,887	6,289	7,309	20,485	3,929	2,108	2,386	8,423	14,122
1579	4	36,635	5,062	4,629	5,340	15,031	2,817	1,491	1,678	5,985	10,349
1580	4	67,034	5,355	2,074	10,540	17,969	4,389	3,127	2,658	10,174	18,937
1581	4	13,928	1,922	1,293	2,435	5,649	1,820	1,366	666	3,853	3,935
1582	4	47,381	5,693	2,769	9,819	18,280	4,727	3,196	2,245	10,168	13,385
1583	4	38,851	3,321	1,308	6,484	11,113	3,374	2,401	1,923	7,698	10,975
1584	4	9,093	292	1,503	1,500	3,295	963	1,024	949	2,936	2,569
1585	4	12,483	491	2,104	2,021	4,616	1,274	1,400	1,176	3,850	3,526
1586	4	49,991	611	6,698	7,336	14,645	4,943	5,069	5,362	15,374	14,122
1587	4	19,697	1,269	1,223	2,947	5,439	577	492	2,945	4,014	5,565
1588	4	35,516	2,498	2,401	5,961	10,859	539	492	2,947	3,978	10,033
1589	4	21,368	1,564	1,504	3,707	6,776	638	480	2,987	4,105	6,037
1590	4	26,250	5,118	4,501	312	9,931	372	201	2,568	3,141	7,416
1591	4	7,987	2,564	332	135	3,031	560	159	955	1,674	2,256
1592	4	13,080	993	957	2,316	4,265	492	162	1,659	2,313	3,695
1593	4	5,564	990	684	662	2,337	409	280	570	1,258	1,572
1594	4	31,629	7,659	3,101	2,339	13,098	1,546	1,659	2,032	5,237	8,935
1595	4	4,561	1,223	529	246	1,999	433	74	603	1,109	1,289
1596	4	10,118	2,633	1,308	559	4,501	1,451	276	1,480	3,207	2,858
1597	4	8,564	2,885	710	228	3,823	1,175	329	487	1,991	2,419
1598	4	8,318	1,760	1,132	597	3,490	967	340	824	2,132	2,350
1599	4	2,583	541	353	206	1,099	355	110	235	699	730
1600	4	8,973	1,871	1,218	712	3,801	2,684	820	1,706	5,210	2,535
1601	4	2,968	605	318	340	1,263	864	442	921	2,227	838
1602	4	3,625	738	372	422	1,531	1,073	559	1,185	2,818	1,024
1603	4	6,029	1,405	451	715	2,571	1,257	169	383	1,808	1,703
1604	4	6,049	877	701	861	2,440	809	185	494	1,488	1,709
1605	4	17,800	3,029	1,819	2,722	7,570	1,561	644	484	2,689	5,029
1606	4	7,499	1,231	763	1,076	3,070	1,420	601	380	2,401	2,119
1607	4	8,323	1,396	926	1,143	3,465	1,773	805	464	3,043	2,351
1608	4	19,802	3,256	2,085	2,760	8,101	6,887	3,218	1,752	11,857	5,594
1609	4	14,341	1,743	2,077	1,667	5,486	1,951	463	568	2,982	4,051
1610	4	10,158	1,259	1,495	1,177	3,931	2,010	898	918	3,826	2,870
1611	4	5,136	718	612	682	2,012	1,263	883	820	2,966	1,451
1612	4	18,069	2,225	3,057	1,794	7,077	795	2,017	2,015	4,826	5,105
1613	4	8,059	805	1,184	1,106	3,095	343	545	1,035	1,923	2,277
1614	4	1,433	266	190	116	572	195	242	236	674	405
1615	4	4,964	633	746	565	1,943	585	285	383	1,254	1,402
1616	4	15,845	2,665	2,018	1,668	6,351	92	1,689	701	2,482	4,476
1617	4	14,349	2,567	1,950	1,600	6,117	93	1,529	632	2,255	4,053
1618	4	7,560	1,410	1,071	880	3,360	52	762	319	1,133	2,136
1619	4	10,623	503	3,180	962	4,645	184	417	1,135	1,736	3,001
1620	4	13,580	1,577	2,177	2,224	5,978	2,957	3,727	1,877	8,562	3,836
1621	4	8,793	965	1,368	1,485	3,818	1,100	1,382	735	3,217	2,484
1622	4	16,898	946	3,279	2,858	7,083	596	2,419	1,575	4,590	4,774
1623	4	12,448	659	2,387	2,106	5,153	310	1,272	862	2,444	3,516
1624	4	15,534	867	3,210	2,850	6,927	504	2,137	1,428	4,069	4,388
1625	4	23,372	3,709	2,820	2,787	9,316	1,522	2,150	1,743	5,415	6,602
1626	4	15,916	2,567	1,843	1,815	6,225	882	1,092	1,324	3,299	4,496
1627	4	30,866	5,149	3,685	3,655	12,489	1,394	1,736	2,157	5,287	8,720
1628	4	11,240	1,938	1,385	1,377	4,701	359	448	583	1,389	3,175
1629	4	17,881	2,829	2,460	2,333	7,622	483	1,853	396	2,733	5,052

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1630	4	11,935	2,021	2,046	1,446	5,513	3,720	1,488	1,079	6,287	3,372
1631	4	16,587	3,059	2,597	1,832	7,488	995	1,297	556	2,848	4,686
1632	4	32,251	5,451	4,564	3,352	13,366	3,396	4,199	1,859	9,454	9,111
1633	4	17,588	3,072	2,606	1,843	7,521	1,847	2,335	978	5,160	4,969
1634	4	12,024	2,280	1,934	1,369	5,582	1,403	1,756	736	3,895	3,397
1635	4	9,805	1,751	1,517	1,008	4,276	828	947	384	2,159	2,770
1636	4	12,553	2,376	2,012	1,430	5,818	1,458	1,805	765	4,027	3,546
1637	4	14,121	572	2,629	2,664	5,865	188	489	432	1,109	3,989
1638	4	4,860	1,438	342	411	2,192	172	171	790	1,132	1,373
1639	4	20,027	5,030	1,680	1,443	8,153	864	1,023	2,289	4,176	5,658
1640	4	7,953	3,300	63	170	3,533	277	488	393	1,157	2,247
1641	4	13,290	2,586	1,375	1,636	5,597	341	775	720	1,837	3,754
1642	4	13,117	2,227	1,322	1,701	5,250	430	382	1,527	2,339	3,705
1643	4	15,131	2,653	1,747	1,630	6,029	2,621	2,877	1,867	7,365	4,275
1644	4	25,419	4,656	3,171	2,780	10,607	2,338	2,003	1,352	5,694	7,181
1645	4	6,448	917	1,023	795	2,735	1,129	629	444	2,201	1,822
1646	4	10,947	1,663	1,837	1,251	4,751	2,485	1,209	2,741	6,436	3,093
1647	4	12,782	1,859	2,067	1,530	5,455	1,021	476	1,271	2,768	3,611
1648	4	26,735	3,908	4,343	3,193	11,444	3,057	1,431	3,694	8,181	7,553
1649	4	13,968	2,143	2,351	1,430	5,924	1,402	432	659	2,494	3,946
1650	4	15,690	2,380	2,615	1,637	6,632	1,328	839	971	3,138	4,432
1651	4	12,992	3,642	1,140	711	5,493	2,442	733	3,491	6,666	3,670
1652	4	3,849	836	499	314	1,648	1,407	1,013	841	3,261	1,087
1653	4	3,078	704	366	272	1,342	1,176	895	767	2,837	869
1654	4	4,667	743	712	612	2,066	1,147	499	2,393	4,040	1,319
1655	4	3,909	675	428	510	1,613	646	385	1,702	2,733	1,104
1656	4	8,934	1,960	1,380	737	4,076	2,849	1,541	1,943	6,334	2,524
1657	4	5,724	1,317	877	505	2,698	1,233	702	923	2,858	1,617
1658	4	4,613	1,055	715	402	2,172	996	616	739	2,352	1,303
1659	4	2,852	620	420	236	1,276	893	536	657	2,086	806
1660	4	6,939	1,514	1,027	576	3,117	1,854	1,091	1,368	4,313	1,960
1661	4	5,092	1,996	289	87	2,372	656	327	203	1,187	1,439
1662	4	11,221	4,373	660	198	5,231	2,879	1,452	802	5,132	3,170
1663	4	6,895	931	1,110	891	2,933	707	733	945	2,385	1,948
1664	4	7,593	1,012	1,213	1,002	3,228	516	550	714	1,780	2,145
1665	4	4,627	256	1,079	613	1,948	2,026	5,001	2,548	9,575	1,307
1666	4	7,106	280	1,632	969	2,881	2,004	4,952	2,548	9,503	2,008
1667	4	6,259	780	929	745	2,454	1,070	984	910	2,964	1,768
1668	4	23,214	3,518	4,011	2,166	9,695	1,043	1,781	2,149	4,973	6,558
1669	4	3,876	624	508	531	1,663	1,427	2,693	1,104	5,224	1,095
1670	4	10,218	276	2,638	1,053	3,968	887	2,714	2,190	5,791	2,887
1671	4	5,776	195	1,504	596	2,295	750	2,283	1,808	4,841	1,632
1672	4	8,543	889	1,686	766	3,341	295	745	715	1,755	2,413
1673	4	19,515	2,154	4,052	1,833	8,039	644	1,600	1,509	3,753	5,513
1674	4	9,836	2,836	1,140	222	4,198	241	993	707	1,941	2,779
1675	4	16,636	2,191	2,611	2,098	6,900	899	809	743	2,451	4,700
1676	4	18,027	2,430	2,904	2,367	7,701	632	2,209	1,275	4,115	5,093
1677	4	6,071	959	1,146	448	2,552	276	544	410	1,230	1,715
1678	4	5,559	857	866	628	2,351	137	192	181	509	1,570
1679	4	9,959	1,530	1,601	1,106	4,237	1,427	1,757	1,717	4,901	2,814
1680	4	18,561	3,005	3,147	2,100	8,252	905	1,157	965	3,027	5,244
1681	4	4,262	788	655	363	1,805	756	743	1,294	2,793	1,204
1682	4	5,235	966	799	448	2,212	846	832	1,461	3,139	1,479
1683	4	4,469	824	679	384	1,887	616	607	1,073	2,296	1,262
1684	4	9,311	1,677	1,385	778	3,840	347	336	627	1,310	2,630
1685	4	7,089	1,057	677	873	2,607	273	210	581	1,064	2,003
1686	4	27,711	2,602	3,943	3,130	9,675	973	761	4,003	5,737	7,828
1687	4	8,373	1,970	716	708	3,394	2,956	986	1,665	5,607	2,365
1688	4	1,410	305	116	109	531	301	97	171	568	398
1689	4	2,726	532	264	342	1,138	1,497	267	682	2,446	770
1690	4	10,928	2,196	911	1,515	4,621	4,904	863	2,396	8,162	3,087
1691	4	5,761	974	552	900	2,426	3,791	1,516	3,331	8,637	1,627
1692	4	4,150	717	424	640	1,782	2,126	861	1,859	4,845	1,172
1693	4	5,456	942	592	716	2,251	3,416	365	1,000	4,782	1,541
1694	4	2,468	447	276	345	1,069	959	75	830	1,864	697
1695	4	6,353	1,173	738	892	2,803	746	260	2,523	3,529	1,795
1696	4	20,895	2,775	3,335	2,794	8,904	1,818	369	1,031	3,218	5,903
1697	4	4,302	574	687	564	1,825	1,691	350	834	2,875	1,215
1698	4	15,582	999	1,754	3,373	6,126	476	992	1,368	2,836	4,402
1699	4	8,940	1,163	1,398	1,171	3,732	198	1,240	357	1,795	2,525
1700	4	5,025	941	400	807	2,148	426	160	1,373	1,959	1,420
1701	4	9,683	1,870	815	1,588	4,274	684	266	2,146	3,097	2,735
1702	4	12,476	2,378	1,253	1,512	5,143	376	456	3,338	4,169	3,524
1703	4	2,520	417	273	261	951	245	150	518	913	712
1704	4	5,764	1,051	630	705	2,386	484	289	1,111	1,885	1,628

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1705	4	13,590	1,877	1,692	2,023	5,592	2,205	1,492	1,536	5,233	3,839
1706	4	2,375	715	246	57	1,018	345	237	897	1,479	671
1707	4	2,933	941	324	75	1,340	228	167	597	992	829
1708	4	2,442	781	276	65	1,122	232	172	596	1,000	690
1709	4	13,302	3,699	1,493	926	6,118	2,800	1,357	3,884	8,041	3,758
1710	4	7,944	224	1,151	2,029	3,404	633	396	1,353	2,383	2,244
1711	4	4,175	1,510	124	252	1,887	590	253	613	1,457	1,179
1712	4	8,479	3,220	287	541	4,047	760	326	799	1,885	2,395
1801	5	9,135	1,207	1,315	1,156	3,678	664	382	403	1,449	2,581
1802	5	8,123	1,096	1,169	1,024	3,289	3,835	1,431	2,977	8,243	2,295
1803	5	9,157	1,320	1,326	1,151	3,797	602	350	158	1,110	2,587
1804	5	29,685	4,066	4,517	3,983	12,566	2,249	723	970	3,943	8,386
1805	5	22,338	2,143	3,858	2,740	8,741	757	669	3,465	4,892	6,311
1806	5	9,679	1,143	1,668	1,183	3,993	776	248	996	2,019	2,734
1807	5	29,256	658	2,851	6,827	10,336	1,018	1,086	2,374	4,479	8,265
1808	5	9,185	758	988	1,901	3,647	4,218	4,533	9,525	18,276	2,595
1809	5	30,193	592	3,105	7,542	11,239	2,539	2,825	6,580	11,944	8,530
1810	5	7,853	2,224	1,012	758	3,995	5,531	4,454	5,479	15,463	2,218
1811	5	6,236	1,839	848	590	3,276	6,365	6,230	8,665	21,260	1,762
1812	5	19,097	3,430	750	3,869	8,049	3,523	3,369	5,073	11,965	5,395
1813	5	1,850	546	252	175	972	8,626	8,193	13,573	30,392	523
1814	5	3,301	973	449	312	1,734	1,882	2,524	825	5,231	933
1815	5	9,259	2,787	1,213	1,184	5,183	5,582	9,693	3,516	18,791	2,616
1816	5	4,001	1,112	469	531	2,113	2,467	4,291	1,652	8,410	1,130
1817	5	896	264	122	85	471	1,603	2,894	1,126	5,623	253
1818	5	5,655	1,641	737	604	2,982	3,366	4,469	1,549	9,384	1,598
1819	5	4,699	1,440	583	786	2,810	1,056	1,693	635	3,384	1,327
1820	5	1,755	518	239	166	922	2,739	4,722	1,858	9,319	496
1821	5	2,313	868	152	384	1,404	768	465	281	1,514	654
1822	5	7,742	1,864	1,122	635	3,620	766	783	523	2,072	2,187
1823	5	3,693	1,037	600	350	1,986	2,130	2,157	1,466	5,753	1,043
1824	5	12,088	2,968	1,799	1,012	5,779	714	719	502	1,935	3,415
1825	5	2,584	655	316	212	1,182	2,618	2,443	1,559	6,620	730
1826	5	683	201	93	65	359	1,841	1,851	1,258	4,950	193
1827	5	5,886	1,654	978	561	3,193	2,088	2,088	1,437	5,613	1,663
1828	5	749	221	102	71	394	1,917	1,910	1,308	5,134	212
1829	5	1,270	374	173	120	667	1,774	1,805	1,124	4,703	359
1830	5	16,785	3,703	2,061	2,077	7,841	1,099	1,476	1,426	4,002	4,742
1831	5	12,956	2,820	1,944	1,476	6,240	1,154	1,016	1,278	3,447	3,660
1832	5	1,175	346	160	111	617	553	523	839	1,915	332
1833	5	2,371	653	378	158	1,188	196	202	262	660	670
1834	5	463	136	63	44	243	184	167	257	608	131
1835	5	11,913	2,986	1,806	670	5,462	508	439	710	1,656	3,365
1836	5	9,918	2,744	1,380	989	5,113	7,235	5,266	2,048	14,549	2,802
1837	5	694	205	94	66	365	467	423	133	1,024	196
1838	5	3,323	980	452	314	1,746	5,994	4,703	2,035	12,731	939
1839	5	1,012	222	153	120	494	1,312	1,031	469	2,812	286
1840	5	3,292	238	245	839	1,321	266	47	131	444	930
1841	5	12,747	976	970	3,253	5,198	749	154	304	1,207	3,601
1842	5	5,413	1,773	571	274	2,618	1,848	78	1,368	3,294	1,529
1843	5	3,340	1,231	245	152	1,628	387	15	235	637	944
1844	5	2,329	585	154	313	1,051	85	69	112	266	658
1845	5	26,601	7,247	3,038	2,794	13,079	8,671	1,252	1,029	10,952	7,515
1846	5	4,074	1,458	187	400	2,045	2,993	685	959	4,637	1,151
1847	5	6,948	2,431	357	674	3,461	5,853	1,299	1,817	8,968	1,963
1848	5	3,765	1,203	247	343	1,793	2,274	537	662	3,473	1,064
1849	5	52,213	15,362	4,983	5,503	25,847	19,381	3,154	1,375	23,910	14,750
1850	5	20,976	6,541	1,409	2,538	10,488	13,194	5,986	2,898	22,078	5,926
1851	5	11,028	3,196	515	1,288	4,999	2,007	383	324	2,714	3,116
1852	5	13,901	3,438	1,156	1,623	6,216	1,730	697	530	2,958	3,927
1853	5	22,702	5,285	1,653	2,645	9,583	3,440	470	1,393	5,303	6,413
1854	5	8,263	1,919	599	961	3,479	1,271	158	520	1,948	2,334
1855	5	18,879	4,713	1,622	2,179	8,514	2,595	514	659	3,768	5,333
1856	5	11,961	2,915	953	1,409	5,277	1,937	278	690	2,905	3,379
1857	5	4,783	1,214	435	541	2,190	1,272	216	361	1,848	1,351
1858	5	6,247	1,454	456	726	2,637	797	111	321	1,229	1,765
1859	5	6,744	1,469	405	891	2,765	489	105	268	862	1,905
1860	5	7,817	1,690	460	1,035	3,185	795	143	437	1,376	2,208
1861	5	4,959	1,051	287	641	1,980	389	73	216	677	1,401
1862	5	11,900	2,747	811	1,582	5,141	1,906	382	799	3,088	3,362
1863	5	12,908	2,889	790	1,762	5,442	1,792	329	947	3,068	3,646
1864	5	5,165	1,219	346	723	2,288	378	90	176	644	1,459
1865	5	5,286	1,713	248	411	2,372	664	128	448	1,239	1,493
1866	5	19,671	7,001	980	1,672	9,653	2,312	430	1,587	4,329	5,557
1867	5	31,217	7,603	2,670	3,744	14,017	7,625	1,753	4,071	13,449	8,819

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1868	5	23,570	5,404	1,923	2,622	9,949	2,879	690	1,349	4,918	6,659
1869	5	12,856	3,044	1,061	1,511	5,617	1,404	327	786	2,517	3,632
1870	5	5,783	1,446	551	644	2,641	1,224	272	386	1,883	1,634
1871	5	22,858	5,811	2,099	2,770	10,681	3,361	822	1,476	5,658	6,457
1872	5	13,206	3,199	1,120	1,581	5,900	1,378	320	737	2,436	3,731
1873	5	10,978	2,341	1,088	1,731	5,160	4,979	1,744	1,536	8,259	3,101
1874	5	12,513	2,460	1,145	2,135	5,740	7,434	2,789	2,689	12,911	3,535
1875	5	13,337	2,728	1,269	2,181	6,177	4,799	1,719	1,518	8,036	3,768
1876	5	5,849	1,499	490	739	2,727	356	200	547	1,103	1,652
1877	5	13,279	4,145	1,001	1,311	6,457	3,600	494	2,548	6,641	3,751
1878	5	23,510	4,801	2,799	2,960	10,560	1,401	899	1,360	3,661	6,642
1879	5	4,267	866	496	512	1,874	395	246	348	990	1,206
1880	5	49,464	14,234	7,469	1,544	23,247	3,201	1,279	1,798	6,278	13,973
1881	5	37,828	4,357	4,034	7,002	15,394	2,489	690	1,059	4,238	10,686
1882	5	12,286	1,401	1,305	2,273	4,979	825	220	352	1,398	3,471
1883	5	14,604	1,828	1,540	2,515	5,883	1,567	419	483	2,469	4,126
1884	5	14,364	1,607	1,480	2,560	5,646	1,208	341	501	2,049	4,058
1885	5	12,971	1,682	1,381	2,215	5,278	1,407	497	450	2,354	3,664
1886	5	21,261	2,027	3,079	3,970	9,076	628	382	1,004	2,015	6,006
1887	5	56,023	12,753	8,210	6,524	27,487	9,586	343	1,275	11,204	15,826
1888	5	6,941	660	1,165	1,111	2,936	594	118	386	1,099	1,961
1889	5	29,193	7,270	2,769	3,014	13,052	2,021	738	3,012	5,771	8,247
1890	5	13,451	3,108	1,194	1,277	5,579	401	158	524	1,083	3,800
1891	5	32,776	11,135	137	3,608	14,879	2,951	433	3,255	6,639	9,259
1892	5	8,959	2,847	44	922	3,812	407	70	446	923	2,531
1893	5	6,645	1,163	627	1,082	2,872	1,221	328	818	2,368	1,877
1894	5	18,398	4,398	1,051	2,379	7,828	885	391	1,088	2,364	5,198
1895	5	15,227	2,429	989	2,787	6,205	1,372	781	772	2,925	4,302
1896	5	4,413	941	256	591	1,787	453	237	397	1,087	1,247
1897	5	5,929	1,272	324	833	2,430	293	159	327	779	1,675
1898	5	6,870	1,443	369	945	2,757	524	286	573	1,383	1,941
1899	5	11,764	3,567	533	1,379	5,479	977	375	770	2,122	3,323
1900	5	4,781	1,501	189	588	2,278	307	145	340	792	1,351
1901	5	9,395	2,939	426	1,139	4,504	750	344	632	1,726	2,654
1902	5	21,580	2,234	4,743	2,532	9,509	501	540	831	1,872	6,096
1903	5	7,771	2,079	130	1,296	3,505	689	167	459	1,315	2,195
1904	5	9,657	2,270	151	1,408	3,829	590	144	412	1,147	2,728
1905	5	6,566	1,818	225	1,049	3,092	901	319	417	1,637	1,855
1906	5	8,216	2,051	120	1,285	3,456	650	152	460	1,262	2,321
1907	5	11,534	3,061	171	1,924	5,156	990	236	704	1,930	3,258
1908	5	8,133	2,183	117	1,376	3,676	742	177	528	1,446	2,297
1909	5	6,389	1,539	91	964	2,594	910	215	630	1,755	1,805
1910	5	4,548	1,234	70	775	2,080	523	124	365	1,012	1,285
1911	5	6,135	1,460	90	911	2,461	797	189	551	1,537	1,733
1912	5	5,286	1,341	75	843	2,259	469	111	332	911	1,493
1913	5	12,168	3,151	352	1,847	5,351	1,551	484	782	2,817	3,438
1914	5	2,197	602	44	370	1,017	195	50	131	376	621
1915	5	4,192	1,147	62	723	1,931	367	85	261	713	1,184
1916	5	8,472	2,265	136	1,417	3,818	819	195	561	1,575	2,393
1917	5	9,669	2,433	135	1,530	4,098	1,030	243	726	1,999	2,732
1918	5	9,156	2,326	122	1,468	3,916	777	182	558	1,517	2,587
1919	5	10,051	2,537	133	1,602	4,271	930	217	665	1,811	2,839
1920	5	13,117	3,430	175	2,169	5,774	437	101	346	884	3,706
1921	5	21,104	5,037	2,479	2,746	10,262	2,494	883	1,416	4,793	5,962
1922	5	12,469	2,768	1,361	1,499	5,627	878	300	483	1,660	3,523
1923	5	7,135	1,752	863	958	3,573	931	343	558	1,831	2,016
1924	5	8,041	1,962	612	1,145	3,719	6,478	5,393	9,311	21,182	2,272
1925	5	4,794	1,075	274	735	2,084	338	275	505	1,119	1,354
1926	5	20,802	5,066	1,356	3,351	9,773	1,444	1,014	1,451	3,909	5,877
1927	5	5,256	1,175	297	808	2,280	357	298	542	1,197	1,485
1928	5	1,174	259	83	146	489	2,365	2,051	3,648	8,064	332
1929	5	1,955	436	109	302	847	132	108	204	445	552
1930	5	479	117	32	58	207	3,679	581	1,693	5,953	135
1931	5	1,280	320	60	185	564	2,779	439	1,283	4,500	362
1932	5	1,274	329	77	175	581	5,435	867	2,500	8,802	360
1933	5	992	258	68	130	455	5,190	824	2,385	8,399	280
1934	5	2,560	710	245	305	1,259	1,875	427	654	2,955	723
1935	5	10,607	611	536	2,947	4,093	1,599	929	1,870	4,398	2,997
1936	5	25,710	5,720	3,239	2,383	11,341	3,828	3,111	4,110	11,050	7,263
1937	5	21,566	4,595	1,313	3,277	9,185	972	586	2,243	3,801	6,092
1938	5	18,592	4,249	2,235	1,454	7,937	2,447	432	4,229	7,107	5,252
1939	5	8,303	1,439	711	1,152	3,303	620	357	1,219	2,196	2,346
1940	5	9,592	3,342	705	987	5,033	706	244	269	1,220	2,710
1941	5	9,665	3,023	611	890	4,525	1,152	253	786	2,191	2,730
1942	5	40,803	12,779	2,127	4,028	18,934	5,086	862	5,385	11,333	11,527
1943	5	4,075	1,029	524	223	1,775	175	346	296	817	1,151
1944	5	3,220	709	296	358	1,364	111	57	462	631	910
1945	5	6,096	1,264	704	574	2,542	922	597	1,073	2,592	1,722
1946	5	3,713	827	344	514	1,686	468	42	350	860	1,049
1947	5	6,736	1,833	312	973	3,118	1,468	302	711	2,480	1,903
1948	5	3,818	992	307	411	1,709	742	145	1,256	2,143	1,079
1949	5	2,441	861	305	100	1,267	600	23	514	1,137	690
1950	5	4,076	973	271	580	1,825	117	16	197	329	1,151
1951	5	3,549	1,047	538	117	1,701	194	20	86	300	1,003
1952	5	4,025	919	260	543	1,721	358	53	398	810	1,137
1953	5	3,966	1,241	336	275	1,852	408	204	468	1,079	1,120
1954	5	3,073	961	262	214	1,437	317	159	358	833	868
1955	5	3,191	965	154	339	1,458	416	130	346	892	901
1956	5	5,480	1,674	577	307	2,557	482	277	885	1,644	1,548
1957	5	7,371	2,283	633	594	3,510	2,495	2,599	1,230	6,324	2,082
1958	5	8,088	2,586	905	520	4,011	8,498	1,515	3,394	13,407	2,285
1959	5	4,450	895	498	502	1,895	2,461	1,604	3,706	7,771	1,257
1960	5	7,289	1,554	868	880	3,302	1,789	1,160	2,645	5,593	2,059
2011	14	14,534	1,469	2,821	408	4,698	1,606	1,744	800	4,151	4,106
2012	14	16,869	503	3,697	600	4,800	1,212	1,483	1,235	3,930	4,765
2013	14	11,207	418	2,427	390	3,234	752	1,124	871	2,748	3,166
2014	14	23,196	1,167	4,916	775	6,858	2,256	2,765	1,932	6,952	6,553
2015	14	9,951	391	2,148	344	2,883	827	970	767	2,564	2,811
2016	14	7,172	144	1,596	262	2,003	465	611	547	1,623	2,026
2017	14	4,919	86	1,099	181	1,367	327	467	417	1,211	1,390
2018	14	7,695	132	1,720	284	2,137	511	735	654	1,900	2,174
2019	14	10,916	373	2,376	383	3,132	871	1,060	850	2,781	3,084
2020	14	4,801	75	1,076	178	1,329	289	408	374	1,072	1,356
2021	14	11,167	435	2,411	386	3,233	945	1,119	863	2,928	3,155
2022	14	9,160	254	2,014	328	2,596	685	908	744	2,338	2,588
2023	14	20,266	3,342	3,478	433	7,254	2,238	1,069	634	3,941	5,725
2024	14	16,784	1,206	3,430	523	5,159	1,292	1,294	1,090	3,675	4,742
2025	14	4,899	190	1,058	170	1,418	372	527	378	1,278	1,384
2026	14	6,498	441	1,337	205	1,983	651	767	436	1,854	1,836
2027	14	7,782	445	1,631	254	2,329	676	984	558	2,218	2,198
2028	14	5,609	1,356	388	748	2,492	74	450	79	603	1,585
2029	14	6,429	1,549	478	807	2,834	157	719	139	1,015	1,816
2030	14	2,418	558	359	35	952	524	2,267	449	3,240	683
2031	14	2,126	491	315	31	837	441	1,552	293	2,286	601
2032	14	803	185	119	12	316	143	964	191	1,297	227
2033	14	8,617	2,046	864	748	3,658	894	2,009	371	3,273	2,434
2034	14	5,087	1,214	467	505	2,186	444	602	114	1,160	1,437
2035	14	10,367	2,496	791	1,273	4,559	269	1,942	304	2,516	2,929
2036	14	9,032	2,179	655	1,159	3,993	264	1,804	411	2,479	2,552
2037	14	13,742	3,295	1,140	1,548	5,984	549	2,857	450	3,856	3,882
2038	14	14,489	3,432	1,232	1,577	6,242	447	1,083	1,465	2,995	4,093
2039	14	17,888	4,234	1,565	1,883	7,681	286	1,221	786	2,294	5,053
2040	14	12,523	2,964	1,098	1,315	5,377	549	1,171	1,477	3,198	3,538
2041	14	2,469	580	258	197	1,035	87	433	132	652	698
2042	14	22,630	5,361	1,917	2,474	9,753	843	2,026	2,786	5,655	6,393
2043	14	7,949	1,877	734	779	3,390	650	1,610	1,904	4,164	2,246
2044	14	5,985	1,395	750	293	2,438	889	842	305	2,036	1,691
2045	14	18,744	4,441	1,590	2,048	8,078	618	1,502	2,047	4,167	5,295
2046	14	14,906	3,529	1,283	1,600	6,412	366	878	1,163	2,406	4,211
2047	14	1,138	264	158	32	454	182	423	320	925	322
2048	14	21,951	5,173	1,856	2,380	9,409	729	1,800	2,409	4,938	6,201
2049	14	32,913	7,798	2,787	3,601	14,186	1,216	2,928	4,033	8,177	9,298
2050	14	1,188	304	154	77	535	354	842	946	2,141	336
2051	14	17,639	4,174	1,551	1,844	7,569	678	1,627	2,069	4,374	4,983
2052	14	13,571	3,213	1,172	1,451	5,836	556	1,330	1,744	3,630	3,834
2053	14	592	137	87	10	234	265	622	683	1,570	167
2054	14	11,508	2,725	997	1,226	4,948	422	1,076	1,324	2,822	3,251
2055	14	7,487	1,772	651	794	3,218	279	699	857	1,834	2,115
2056	14	451	104	62	14	180	244	598	702	1,544	127
2057	14	19,299	4,547	1,908	1,704	8,159	789	2,495	945	4,228	5,452
2058	14	8,144	460	1,006	1,460	2,926	571	859	895	2,325	2,301
2059	14	6,985	440	869	1,209	2,518	438	742	635	1,815	1,973
2060	14	15,899	4,247	1,511	1,124	6,882	2,304	1,410	764	4,478	4,491
2061	14	34,940	9,582	2,953	2,857	15,393	4,921	1,775	1,932	8,628	9,871
2062	14	19,163	5,238	1,646	1,539	8,423	2,665	914	1,039	4,618	5,414
2063	14	12,587	2,783	1,243	1,252	5,277	1,315	1,400	1,191	3,905	3,556
2064	14	24,441	5,364	2,204	2,788	10,355	2,259	1,346	2,653	6,258	6,905
2065	14	8,949	1,424	99	2,632	4,155	375	165	1,674	2,214	2,528
2066	14	2,147	344	29	622	995	96	50	395	541	606
2067	14	14,134	3,565	1,077	1,591	6,234	797	541	2,167	3,505	3,993

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2068	14	6,516	1,365	392	1,123	2,880	255	327	1,041	1,623	1,841
2069	14	8,427	1,771	529	1,411	3,712	333	691	1,310	2,334	2,381
2070	14	3,819	808	248	629	1,685	151	303	581	1,036	1,079
2071	14	6,914	1,453	432	1,162	3,047	272	538	1,078	1,889	1,953
2072	14	4,842	1,020	313	794	2,127	195	505	738	1,439	1,368
2073	14	2,173	472	178	285	935	146	137	317	601	614
2074	14	23,303	4,979	1,512	3,752	10,244	1,019	580	4,214	5,812	6,583
2075	14	3,811	1,237	157	457	1,851	299	486	172	957	1,076
2076	14	2,247	615	223	141	979	345	291	57	694	635
2077	14	11,626	3,989	233	1,635	5,856	895	1,287	602	2,784	3,284
2078	14	4,921	1,667	123	667	2,457	391	550	248	1,190	1,390
2079	14	19,733	5,723	731	2,992	9,446	660	3,081	1,313	5,055	5,575
2080	14	4,151	628	331	761	1,720	773	750	61	1,584	1,173
2081	14	4,581	700	371	826	1,897	438	494	46	978	1,294
2082	14	179	41	27	3	70	33	51	2	86	51
2083	14	2,894	409	206	592	1,207	203	168	25	396	817
2084	14	1	0	0	0	0	0	0	0	1	0
2085	14	1	0	0	0	0	0	0	0	1	0
2086	14	2,365	366	196	414	977	311	352	28	691	668
2087	14	1,787	280	151	307	738	151	160	16	327	505
2088	14	4,037	634	342	690	1,666	507	513	45	1,064	1,140
2089	14	2,293	339	176	439	954	170	161	20	351	648
2090	14	2,374	418	240	311	969	539	694	40	1,274	671
2091	14	3,573	563	305	606	1,474	534	554	45	1,133	1,009
2092	14	1,113	158	80	227	464	72	61	9	143	314
2093	14	660	107	59	106	271	62	71	6	140	186
2094	14	1,955	304	164	339	807	164	171	17	352	552
2095	14	610	141	90	9	240	114	176	7	297	172
2131	8	9,515	1,657	1,259	650	3,566	938	1,125	867	2,930	2,688
2132	8	6,977	1,216	923	476	2,615	688	820	636	2,144	1,971
2133	8	9,464	1,651	1,252	645	3,548	1,161	1,385	1,064	3,610	2,673
2134	8	3,441	601	455	235	1,291	340	404	315	1,060	972
2135	8	7,254	1,263	960	495	2,719	862	1,023	787	2,671	2,049
2141	8	2,833	142	492	443	1,077	339	443	204	986	800
2142	8	11,768	501	2,197	2,042	4,740	808	1,239	941	2,987	3,324
2143	8	5,930	274	952	858	2,084	401	663	394	1,458	1,675
2144	8	16,932	817	2,848	2,568	6,232	1,668	2,254	1,200	5,122	4,783
2145	8	1,226	90	171	135	396	142	153	51	346	346
2146	8	3,010	243	432	509	1,184	555	869	133	1,557	850
2147	8	2,923	165	356	471	993	238	302	123	663	826
2148	8	7,632	502	1,002	1,271	2,776	902	881	352	2,135	2,156
2149	8	13,721	836	1,845	2,471	5,152	1,341	1,609	617	3,567	3,876
2150	8	11,156	1,114	1,224	1,696	4,034	1,272	862	460	2,593	3,152
2151	8	4,289	423	469	692	1,584	558	248	200	1,006	1,212
2152	8	4,374	446	498	784	1,729	588	312	252	1,152	1,236
2153	8	3,887	408	441	514	1,362	488	331	135	954	1,098
2154	8	2,824	296	321	387	1,005	286	381	107	775	798
2155	8	102	14	15	9	38	10	2	1	14	29
2156	8	7,964	880	972	1,395	3,246	910	697	482	2,090	2,250
2157	8	8,869	860	963	1,553	3,376	1,033	824	572	2,428	2,506
2158	8	6,540	732	790	898	2,421	939	582	280	1,801	1,848
2159	8	11,528	1,262	1,384	1,864	4,510	827	2,044	415	3,285	3,257
2160	8	14,255	1,529	1,660	2,028	5,217	1,165	1,716	388	3,269	4,027
2161	8	7,817	815	885	1,070	2,770	530	1,541	251	2,323	2,208
2162	8	16,389	2,001	2,126	1,992	6,119	2,071	2,867	400	5,338	4,630
2163	8	4,085	602	637	564	1,803	499	773	124	1,397	1,154
2164	8	5,469	671	711	642	2,023	454	1,602	129	2,185	1,545
2165	8	5,177	683	1,017	343	2,044	404	921	187	1,511	1,462
2166	8	15,480	1,960	2,890	990	5,839	1,297	1,994	526	3,818	4,373
2167	8	4,982	567	852	283	1,702	320	841	166	1,327	1,407
2168	8	13,049	1,707	2,511	864	5,081	1,044	1,828	451	3,322	3,686
2169	8	11,861	1,199	1,561	2,205	4,964	347	2,266	598	3,211	3,351
2170	8	3,015	332	410	509	1,251	204	1,294	318	1,816	852
2171	8	8,099	723	964	1,436	3,124	106	872	280	1,258	2,288
2172	8	9,206	831	1,110	1,660	3,600	186	1,582	473	2,241	2,601
2173	8	7,037	493	1,077	1,415	2,986	483	1,041	305	1,829	1,988
2174	8	2,912	201	489	677	1,367	147	345	109	601	823
2201	6	54,840	11,651	6,515	4,219	22,385	2,859	8,011	559	11,429	15,492
2202	6	18,154	3,412	2,663	1,491	7,567	1,187	3,366	188	4,742	5,128
2203	6	38,765	5,368	6,503	3,667	15,539	2,474	6,062	1,217	9,753	10,951
2204	6	8,430	1,708	1,180	594	3,481	512	1,316	331	2,158	2,382
2205	6	15,039	2,973	2,009	1,121	6,103	652	1,617	605	2,874	4,248
2206	6	29,270	5,474	4,218	2,381	12,074	1,780	4,363	1,280	7,422	8,269
2207	6	32,590	7,098	3,440	2,695	13,232	3,514	2,373	740	6,628	9,207
2208	6	44,622	9,700	4,651	3,721	18,072	4,639	3,017	1,016	8,671	12,606

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2209	6	31,326	6,807	3,257	2,617	12,681	3,284	2,157	727	6,168	8,850
2210	6	11,995	2,274	1,425	1,109	4,808	425	705	953	2,082	3,389
2211	6	9,559	1,815	1,140	881	3,836	341	573	755	1,670	2,701
2212	6	10,683	1,247	191	2,632	4,071	1,996	326	107	2,428	3,018
2213	6	16,415	2,918	2,309	1,335	6,563	1,402	178	1,291	2,871	4,637
2214	6	6,469	1,165	923	515	2,603	550	293	491	1,334	1,828
2215	6	11,567	2,142	1,698	880	4,721	1,048	1,123	812	2,982	3,268
2216	6	11,452	2,567	1,602	553	4,722	613	705	1,161	2,479	3,235
2217	6	9,253	2,081	1,312	442	3,835	536	774	906	2,216	2,614
2218	6	18,819	3,859	2,612	1,242	7,713	873	1,696	1,261	3,829	5,316
2219	6	20,105	3,423	2,358	2,194	7,975	551	1,376	1,592	3,519	5,680
2220	6	17,015	2,894	1,992	1,860	6,746	443	1,163	1,350	2,956	4,807
2221	6	35,957	5,984	3,705	4,505	14,194	3,190	1,973	1,575	6,737	10,158
2222	6	9,635	1,601	991	1,210	3,802	860	535	423	1,818	2,722
2223	6	21,065	3,500	2,164	2,646	8,310	1,866	1,168	926	3,960	5,951
2224	6	25,267	5,962	555	3,608	10,125	599	694	2,829	4,121	7,138
2225	6	35,893	9,202	5,581	143	14,925	2,201	2,058	2,267	6,526	10,140
2226	6	12,093	3,100	1,885	51	5,036	753	704	757	2,214	3,416
2227	6	38,710	7,294	4,749	3,710	15,753	3,149	4,087	1,879	9,116	10,936
2228	6	36,359	6,821	4,180	3,517	14,519	1,167	1,620	3,360	6,148	10,271
2229	6	21,868	3,966	2,484	2,263	8,713	983	426	2,234	3,642	6,178
2230	6	27,027	167	1,022	8,524	9,713	768	1,791	2,126	4,685	7,635
2231	6	24,835	141	931	7,845	8,917	702	1,631	1,957	4,290	7,016
2232	6	18,657	3,314	2,370	1,787	7,470	1,396	1,081	962	3,438	5,271
2233	6	11,830	2,656	1,516	712	4,884	576	692	922	2,190	3,342
2234	6	71,293	12,009	7,014	9,211	28,234	5,523	4,937	3,364	13,824	20,140
2235	6	69,328	11,852	7,041	8,743	27,635	5,265	3,123	4,367	12,756	19,585
2236	6	25,582	6,189	2,617	1,703	10,508	1,607	1,713	1,516	4,836	7,227
2237	6	30,336	7,335	3,008	2,052	12,395	1,772	1,869	1,899	5,539	8,570
2238	6	25,887	2,819	4,239	3,062	10,120	834	2,347	1,485	4,666	7,313
2239	6	35,268	5,908	3,923	4,146	13,978	1,770	954	3,280	6,005	9,963
2240	6	19,275	3,224	2,138	2,271	7,634	933	568	1,799	3,300	5,445
2241	6	10,669	691	1,680	1,761	4,133	628	459	968	2,055	3,014
2242	6	6,702	1,400	479	799	2,678	461	147	555	1,162	1,893
2243	6	5,986	1,266	483	676	2,425	446	407	459	1,312	1,691
2244	6	5,981	1,249	428	713	2,390	410	130	495	1,035	1,690
2245	6	15,340	1,721	1,998	2,216	5,935	405	638	1,513	2,556	4,334
2246	6	11,364	1,965	1,205	1,340	4,510	596	303	1,068	1,967	3,210
2247	6	17,438	3,004	1,835	2,069	6,908	904	438	1,653	2,995	4,926
2248	6	11,170	1,918	1,168	1,333	4,418	576	233	1,067	1,877	3,156
2249	6	9,906	1,711	1,048	1,171	3,929	517	267	934	1,718	2,799
2250	6	12,520	1,919	1,238	1,811	4,967	935	934	991	2,860	3,537
2251	6	6,451	1,064	717	842	2,624	604	702	446	1,752	1,822
2252	6	32,654	6,856	4,929	2,549	14,334	5,318	2,392	487	8,196	9,225
2253	6	18,915	3,630	2,423	1,896	7,949	2,434	944	432	3,810	5,343
2254	6	15,643	3,029	2,038	1,535	6,603	1,790	893	293	2,976	4,419
2255	6	9,355	1,293	1,052	1,390	3,735	1,576	349	173	2,098	2,643
2256	6	6,741	1,059	858	866	2,782	1,060	1,009	103	2,172	1,904
2257	6	20,266	4,216	2,892	1,753	8,861	3,431	1,367	720	5,518	5,725
2258	6	33,230	1,894	4,759	6,290	12,943	3,502	2,336	1,275	7,113	9,388
2259	6	22,980	303	3,004	5,180	8,487	1,611	1,260	1,131	4,003	6,492
2260	6	11,992	1,981	984	1,752	4,718	436	289	1,291	2,015	3,388
2261	6	12,461	2,798	1,825	570	5,194	1,049	898	966	2,913	3,520
2262	6	40,680	7,045	4,268	4,786	16,099	3,284	1,466	2,581	7,331	11,492
2263	6	15,539	5,950	386	329	6,666	1,060	843	981	2,884	4,390
2264	6	18,451	7,125	383	385	7,894	1,171	940	1,192	3,303	5,212
2265	6	5,912	2,271	138	125	2,534	390	319	376	1,085	1,670
2266	6	14,086	196	3,426	1,720	5,342	1,084	548	959	2,591	3,979
2267	6	26,528	5,659	3,746	1,378	10,782	1,288	273	2,824	4,385	7,494
2268	6	17,921	3,823	2,531	930	7,284	868	188	1,907	2,964	5,063
2269	6	28,437	4,708	4,539	2,114	11,361	1,389	644	2,692	4,725	8,034
2270	6	14,691	2,348	1,995	1,572	5,915	2,812	584	167	3,562	4,150
2271	6	13,804	2,012	1,872	1,546	5,430	756	457	1,168	2,381	3,900
2272	6	16,165	2,356	2,192	1,811	6,358	886	535	1,369	2,790	4,567
2273	6	7,552	1,142	1,050	814	3,005	519	311	605	1,435	2,134
2274	6	4,858	1,001	677	408	2,086	519	2,972	468	3,958	1,373
2275	6	15,634	2,863	1,669	1,762	6,294	256	1,352	174	1,783	4,417
2276	6	2,571	499	314	255	1,068	129	671	92	892	726
2277	6	37,981	13,206	2,106	871	16,182	725	6,034	337	7,096	10,730
2278	6	8,992	2,962	729	223	3,914	344	2,054	81	2,480	2,540
2279	6	1,378	364	237	43	643	250	1,643	72	1,964	389
2280	6	3,611	1,166	325	92	1,583	199	1,220	51	1,470	1,020
2281	6	14,540	1,979	1,202	2,448	5,629	71	2,473	254	2,797	4,108
2282	6	13,409	1,840	1,123	2,239	5,202	76	2,272	231	2,579	3,788
2283	6	11,510	3,565	399	814	4,778	91	1,929	201	2,221	3,251

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2284	6	15,531	4,811	537	1,099	6,447	119	2,605	271	2,996	4,388
2285	6	14,353	3,246	1,314	1,266	5,825	634	418	1,442	2,495	4,055
2286	6	7,425	1,676	663	663	3,002	277	197	762	1,236	2,098
2287	6	11,090	2,402	957	1,112	4,471	76	1,806	253	2,135	3,133
2288	6	6,886	1,490	590	693	2,773	44	1,122	158	1,324	1,945
2289	6	10,896	2,107	1,293	988	4,388	550	725	708	1,982	3,078
2290	6	21,405	5,930	288	2,502	8,721	866	1,171	1,701	3,738	6,047
2291	6	13,656	2,351	1,364	1,683	5,398	593	617	1,143	2,354	3,858
2292	6	10,864	1,883	1,101	1,324	4,307	479	510	895	1,884	3,069
2293	6	15,276	3,001	1,958	1,194	6,153	310	2,102	475	2,887	4,315
2401	6	30,149	4,152	2,122	5,854	12,128	664	1,032	2,538	4,234	8,517
2402	6	8,871	1,602	1,029	972	3,603	595	993	848	2,436	2,506
2403	6	15,821	1,860	2,774	1,707	6,341	596	1,765	370	2,731	4,469
2404	6	27,368	2,694	3,319	4,563	10,576	501	1,351	2,230	4,083	7,731
2405	6	12,611	2,000	1,558	1,417	4,976	1,115	1,926	4,260	7,301	3,563
2406	6	16,832	2,906	2,263	2,076	7,246	398	679	1,506	2,583	4,755
2407	6	17,895	4,234	303	3,458	7,995	577	609	1,711	2,897	5,055
2408	6	13,188	3,023	218	2,468	5,709	636	672	1,901	3,209	3,726
2409	6	20,780	1,872	2,211	3,987	8,070	3,041	3,819	3,437	10,297	5,870
2410	6	20,348	2,316	4,370	1,497	8,184	841	1,619	2,640	5,100	5,748
2411	6	26,037	3,247	3,776	3,297	10,320	421	1,428	762	2,612	7,355
2412	6	12,041	998	2,157	1,922	5,077	463	1,832	1,167	3,462	3,402
2413	6	10,355	839	1,864	1,684	4,388	1,372	5,670	3,725	10,767	2,925
2414	6	18,571	3,404	3,344	1,202	7,950	1,356	3,103	5,987	10,446	5,246
2415	6	15,195	2,864	2,812	1,009	6,686	1,996	4,611	8,899	15,506	4,293
2416	6	11,626	216	1,838	2,592	4,646	1,439	2,806	1,951	6,196	3,284
2417	6	7,088	148	1,046	1,448	2,642	2,046	4,007	2,792	8,845	2,002
2418	6	14,428	736	1,693	3,329	5,757	586	859	1,474	2,919	4,076
2419	6	7,140	365	858	1,705	2,928	510	738	1,318	2,566	2,017
2420	6	10,637	994	1,565	1,488	4,048	331	1,406	832	2,569	3,005
2421	6	9,894	901	1,439	1,384	3,724	226	958	578	1,763	2,795
2422	6	14,605	474	2,622	2,510	5,606	905	1,126	751	2,782	4,126
2423	6	18,107	3,726	1,896	1,939	7,561	749	1,388	1,423	3,560	5,115
2424	6	7,822	1,573	801	818	3,192	308	566	581	1,455	2,210
2425	6	19,807	1,846	1,959	3,856	7,661	1,312	1,963	1,742	5,016	5,595
2426	6	8,239	1,329	578	1,341	3,248	880	1,052	1,067	2,999	2,327
2427	6	3,179	491	204	518	1,213	554	710	774	2,038	898
2428	6	10,941	2,340	514	1,777	4,632	1,780	3,331	2,613	7,725	3,091
2429	6	17,342	3,769	643	3,061	7,474	1,133	2,439	1,869	5,441	4,899
2430	6	12,288	431	563	3,458	4,452	669	715	722	2,105	3,471
2431	6	6,834	247	318	1,909	2,474	673	715	729	2,117	1,931
2432	6	20,292	3,624	518	3,632	7,773	989	1,320	3,273	5,582	5,732
2433	6	9,069	263	2,144	1,160	3,567	3,832	5,260	9,896	18,988	2,562
2434	6	3,856	116	875	470	1,461	765	1,051	1,959	3,775	1,089
2435	6	6,106	390	881	1,126	2,397	3,192	3,269	4,465	10,926	1,725
2436	6	24,706	5,312	1,092	3,650	10,054	4,449	2,607	3,633	10,689	6,979
2437	6	16,584	3,189	1,020	2,726	6,934	843	1,724	2,806	5,373	4,685
2438	6	8,999	1,706	562	1,434	3,702	576	1,096	1,768	3,440	2,542
2501	6	7,015	849	958	731	2,539	201	574	68	843	1,982
2502	6	5,524	650	735	564	1,948	156	454	55	665	1,560
2503	6	11,102	899	1,534	1,564	3,998	157	741	387	1,284	3,136
2504	6	120	5	24	18	47	2	38	15	54	34
2505	6	7,521	1,473	967	707	3,147	927	2,533	77	3,537	2,125
2506	6	12,065	2,588	1,798	1,001	5,388	5,417	19,233	875	25,525	3,408
2507	6	6,070	1,376	1,014	395	2,785	4,765	17,243	822	22,830	1,715
2508	6	13,680	1,844	1,477	2,437	5,757	1,171	1,546	1,165	3,881	3,865
2509	6	3,826	524	419	531	1,474	569	692	458	1,720	1,081
2510	6	9,160	1,431	1,068	1,147	3,645	972	1,143	421	2,536	2,588
2511	6	8,271	1,294	962	1,080	3,336	1,076	1,343	528	2,946	2,337
2512	6	9,905	1,471	1,093	1,244	3,808	755	925	366	2,046	2,798
2513	6	23,546	3,578	2,671	2,859	9,109	2,415	2,791	1,036	6,242	6,652
2514	6	9,640	1,727	1,797	281	3,805	2,597	2,925	1,411	6,933	2,723
2515	6	8,278	1,665	1,675	264	3,604	2,364	2,860	1,180	6,404	2,339
2516	6	5,890	286	1,005	795	2,086	355	2,325	121	2,801	1,664
2517	6	2,515	194	458	322	974	355	2,380	126	2,861	710
2518	6	2,969	334	551	322	1,208	492	2,864	141	3,497	839
2519	6	3,681	321	651	428	1,399	365	2,211	101	2,677	1,040
2520	6	13,532	924	2,262	1,541	4,727	158	964	161	1,283	3,823
2521	6	14,029	954	2,296	1,555	4,804	346	2,210	366	2,922	3,963
2522	6	21,193	1,794	3,252	2,601	7,646	373	1,304	474	2,151	5,987
2523	6	18,047	1,483	2,692	2,155	6,329	469	1,611	606	2,686	5,098
2524	6	13,597	868	2,342	1,793	5,002	706	1,092	171	1,969	3,841
2525	6	8,840	585	1,624	1,254	3,464	911	1,323	227	2,461	2,497
2526	6	3,652	216	801	402	1,419	514	798	148	1,459	1,032
2527	6	23,370	487	4,979	2,792	8,258	978	1,856	379	3,213	6,602

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2528	6	15,221	1,547	2,430	1,951	5,927	112	1,390	197	1,699	4,300
2529	6	23,246	2,400	3,651	2,853	8,905	368	2,427	325	3,121	6,567
2530	6	14,915	61	3,259	1,964	5,284	4,098	725	135	4,958	4,213
2531	6	7,834	212	2,253	505	2,970	555	548	15	1,118	2,213
2601	6	11,596	1,845	819	1,858	4,523	1,309	936	592	2,836	3,276
2602	6	10,355	1,724	842	1,548	4,115	1,289	996	484	2,768	2,925
2603	6	8,439	1,447	748	1,200	3,395	1,131	863	369	2,363	2,384
2604	6	14,127	2,275	1,036	2,225	5,536	1,610	1,140	705	3,455	3,991
2605	6	21,743	3,458	1,533	3,487	8,478	2,415	1,749	1,110	5,275	6,143
2606	6	9,265	2,165	539	1,026	3,730	553	443	1,021	2,016	2,617
2607	6	13,852	3,262	1,078	1,381	5,721	1,307	921	1,310	3,539	3,913
2608	6	12,462	2,916	773	1,353	5,042	804	614	1,335	2,753	3,521
2609	6	9,350	1,178	373	2,046	3,597	579	617	923	2,119	2,641
2610	6	6,514	770	192	1,505	2,467	375	391	685	1,451	1,840
2611	6	8,052	980	276	1,815	3,071	461	554	823	1,838	2,275
2612	6	2,922	356	100	659	1,115	175	246	298	719	825
2613	6	7,659	1,462	907	720	3,089	391	1,356	272	2,019	2,164
2614	6	5,208	974	588	512	2,074	165	880	195	1,240	1,471
2615	6	14,402	2,698	1,634	1,409	5,742	460	2,491	535	3,487	4,069
2616	6	6,482	1,236	766	611	2,612	315	1,153	227	1,696	1,831
2617	6	34,811	6,550	2,140	5,021	13,711	860	5,198	2,023	8,081	9,834
2618	6	14,198	2,681	895	2,030	5,606	385	2,136	811	3,332	4,011
2619	6	2,640	496	161	382	1,039	62	390	153	605	746
2620	6	32,911	7,900	5,051	808	13,759	1,248	11,464	2,291	15,003	9,297
2701	10	15,159	2,043	3,273	1,191	6,507	1,074	2,756	2,581	6,411	4,282
2702	10	8,980	1,211	1,938	705	3,854	636	1,630	1,528	3,793	2,537
2703	10	13,660	400	3,230	1,648	5,278	397	6,238	954	7,588	3,859
2704	10	12,339	322	2,929	1,515	4,767	273	4,141	666	5,080	3,486
2705	10	25,643	1,390	2,032	5,954	9,376	784	11,060	1,222	13,066	7,244
2706	10	21,566	717	1,403	5,691	7,811	614	7,755	1,045	9,413	6,092
2707	10	33,034	4,224	9,107	1,031	14,362	922	8,317	7,050	16,288	9,332
2708	10	31,742	3,980	8,842	1,021	13,843	682	5,923	5,310	11,915	8,967
2709	10	21,908	217	7,303	1,219	8,738	1,317	7,053	1,000	9,371	6,189
2710	10	7,000	59	2,341	392	2,792	414	2,205	315	2,934	1,977
2711	10	12,182	101	4,076	683	4,860	734	3,906	558	5,198	3,441
2712	10	22,723	3,405	4,453	1,902	9,761	1,521	4,754	3,332	9,608	6,419
2713	10	12,573	1,910	2,459	1,016	5,385	789	2,434	1,703	4,926	3,552
2714	10	10,565	1,556	2,077	925	4,557	708	2,180	1,581	4,469	2,985
2715	10	7,252	1,404	1,475	379	3,259	184	2,305	648	3,137	2,049
2716	10	10,614	2,054	2,161	560	4,775	266	3,473	957	4,696	2,998
2717	10	17,638	135	4,814	1,871	6,820	367	6,201	1,209	7,776	4,983
2718	10	12,825	70	3,513	1,375	4,958	269	4,393	888	5,549	3,623
2719	10	10,265	60	2,810	1,099	3,969	215	3,530	709	4,455	2,900
2720	10	8,067	47	2,207	866	3,120	101	2,901	502	3,503	2,279
2721	10	9,923	47	2,719	1,071	3,837	124	3,585	621	4,330	2,803
2722	10	5,831	29	1,597	628	2,255	73	2,103	364	2,540	1,647
2723	10	15,381	4,013	1,374	1,677	7,064	93	6,151	492	6,736	4,345
2724	10	20,150	160	4,485	2,992	7,636	1,418	4,719	2,433	8,570	5,692
2725	10	10,486	2,376	1,351	1,017	4,744	755	2,417	1,277	4,449	2,962
2726	10	8,313	1,883	1,071	806	3,761	598	1,918	1,013	3,530	2,348
2727	10	3,913	886	506	377	1,768	280	910	474	1,663	1,106
2728	10	5,228	1,185	674	508	2,366	377	1,205	638	2,219	1,477
2729	10	11,294	1,361	1,669	1,582	4,613	1,349	2,227	1,152	4,728	3,191
2730	10	5,209	599	758	776	2,133	658	939	563	2,160	1,471
2731	10	7,823	900	1,139	1,165	3,204	988	1,414	846	3,247	2,210
2732	10	4,028	465	587	598	1,650	507	731	434	1,673	1,138
2733	10	2,745	316	399	409	1,124	347	496	297	1,139	775
2734	10	10,452	508	2,245	1,342	4,096	98	2,763	1,324	4,185	2,953
2735	10	9,626	413	2,079	1,281	3,772	97	2,723	1,374	4,195	2,719
2736	10	8,988	88	2,183	1,173	3,444	511	2,854	434	3,799	2,539
2737	10	10,219	81	2,488	1,346	3,915	529	2,971	453	3,953	2,887
2738	10	9,205	90	2,236	1,201	3,527	476	2,671	407	3,554	2,600
2739	10	15,022	169	3,642	1,946	5,756	855	4,826	725	6,405	4,244
2740	10	8,629	85	2,096	1,125	3,306	413	2,320	354	3,087	2,438
2741	10	17,828	1,075	5,056	1,209	7,340	592	4,551	2,463	7,606	5,036
2742	10	14,690	903	4,154	988	6,045	492	3,789	2,040	6,321	4,150
2743	10	12,916	782	3,660	874	5,316	434	3,347	1,805	5,585	3,649
2744	10	15,478	1,404	2,528	2,300	6,232	453	4,345	1,881	6,679	4,373
2745	10	6,784	622	1,109	999	2,731	198	1,907	817	2,922	1,917
2746	10	11,578	1,054	1,891	1,716	4,661	339	3,237	1,404	4,980	3,271
2747	10	12,763	2,479	1,644	1,473	5,597	382	3,452	1,692	5,526	3,606
2748	10	14,207	358	4,557	823	5,738	123	5,543	574	6,240	4,014
2749	10	5,573	597	1,492	290	2,379	103	2,039	283	2,425	1,574
2750	10	8,342	913	2,217	424	3,554	154	3,130	415	3,698	2,357
2751	10	5,561	608	1,478	283	2,370	102	2,066	277	2,445	1,571

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2752	10	10,002	1,202	1,983	1,022	4,208	294	2,733	1,279	4,306	2,826
2753	10	9,789	1,207	1,936	965	4,108	282	2,753	1,209	4,244	2,765
2754	10	7,744	930	1,536	792	3,258	227	2,122	990	3,339	2,188
2755	10	8,385	2,122	1,458	371	3,951	420	2,229	934	3,583	2,369
2756	10	11,012	2,784	1,916	485	5,185	549	2,961	1,219	4,730	3,111
2757	10	8,171	2,067	1,421	361	3,849	409	2,186	907	3,502	2,308
2758	10	9,148	2,026	148	1,740	3,915	201	3,159	722	4,081	2,584
2759	10	8,149	1,809	77	1,612	3,498	182	2,686	667	3,535	2,302
2760	10	10,626	2,305	1,706	797	4,808	490	2,098	2,001	4,589	3,002
2761	10	6,792	1,474	1,089	513	3,077	315	1,319	1,288	2,922	1,919
2762	10	5,014	146	1,303	528	1,977	96	712	1,350	2,159	1,417
2763	10	7,138	202	1,857	756	2,814	137	1,009	1,931	3,078	2,016
2764	10	9,877	279	2,569	1,046	3,894	190	1,397	2,671	4,257	2,790
2765	10	2,461	72	639	259	970	47	352	662	1,062	695
2766	10	2,801	79	729	296	1,105	54	395	758	1,207	791
2767	10	1,265	40	327	132	499	24	183	336	544	357
2768	10	5,410	677	859	704	2,240	272	1,210	920	2,402	1,528
2769	10	5,189	630	817	703	2,150	270	1,027	920	2,217	1,466
2770	10	4,748	597	754	611	1,961	237	1,022	800	2,059	1,341
2771	10	6,978	864	1,104	919	2,886	355	1,507	1,203	3,065	1,971
2772	10	15,013	958	2,489	2,434	5,881	544	4,102	1,814	6,460	4,241
2773	10	11,114	715	1,844	1,795	4,354	402	3,045	1,338	4,786	3,140
2774	10	12,180	1,772	1,922	1,445	5,139	282	3,959	1,028	5,269	3,441
2851	19	2,689	317	345	408	1,071	290	175	589	1,054	760
2852	19	2,485	293	320	377	990	268	162	544	974	702
2853	19	7,144	1,448	531	917	2,897	758	265	1,814	2,838	2,018
2854	19	6,480	1,321	501	825	2,648	704	238	1,634	2,576	1,831
2855	19	3,806	278	158	964	1,400	335	286	867	1,487	1,075
2861	9	11,694	2,285	1,455	409	4,149	1,217	696	2,851	4,764	3,304
2862	9	9,479	1,848	1,176	331	3,355	985	598	2,305	3,888	2,678
2863	9	3,123	603	384	108	1,094	322	205	752	1,279	882
2864	9	8,116	1,580	1,006	283	2,869	842	501	1,971	3,314	2,293
2865	9	10,816	2,112	1,345	378	3,835	1,125	638	2,634	4,398	3,056
2871	18	5,930	338	832	1,201	2,371	880	1,917	584	3,381	1,675
2872	18	4,991	507	378	931	1,816	361	569	168	1,098	1,410
2873	18	2,273	290	206	423	920	631	980	288	1,898	642
2874	18	7,302	466	1,066	1,338	2,871	718	1,382	266	2,366	2,063
2875	18	7,155	359	988	1,311	2,658	730	1,495	292	2,518	2,021
2876	18	5,407	254	737	991	1,982	330	666	131	1,128	1,528
2877	18	9,949	1,875	1,318	811	4,004	816	833	520	2,169	2,811
2878	18	8,247	817	750	1,442	3,009	429	654	359	1,442	2,330
2879	18	10,900	1,084	993	1,906	3,983	569	855	475	1,899	3,079
2880	18	13,136	1,339	1,216	2,296	4,851	798	1,173	646	2,617	3,711
2891	18	4,694	526	256	909	1,691	317	367	564	1,248	1,326
2892	18	3,061	571	259	366	1,197	319	183	390	892	865
2893	18	6,843	907	405	1,131	2,442	1,779	821	243	2,843	1,933
2894	18	5,738	727	319	949	1,995	1,458	687	203	2,348	1,621
2895	18	3,881	119	82	1,093	1,294	387	299	415	1,101	1,096
2896	18	8,230	198	142	2,317	2,657	765	633	879	2,277	2,325
2901	18	1,815	33	29	551	613	12	300	540	851	513
2902	18	1,238	24	21	376	421	9	204	368	581	350
2911	12	8,349	2,260	126	878	3,264	1,219	339	451	2,009	2,359
2912	12	4,589	1,178	68	457	1,703	636	190	235	1,060	1,296
2913	12	4,507	590	196	550	1,336	145	119	616	880	1,273
2914	12	6,948	1,454	850	597	2,901	404	951	226	1,581	1,963
2915	9	9,505	1,477	1,014	1,046	3,538	921	1,290	426	2,637	2,685
2916	9	11,507	1,778	1,221	1,259	4,258	1,077	1,402	501	2,980	3,251
2917	9	9,550	1,688	1,159	1,195	4,042	1,024	1,414	474	2,912	2,698
2918	9	4,350	950	652	673	2,275	585	1,026	254	1,864	1,229
2919	9	8,700	1,451	997	1,028	3,476	873	1,277	455	2,605	2,458
2920	9	14,878	2,477	1,701	1,755	5,932	1,456	1,891	763	4,110	4,203
2921	9	8,660	1,386	951	982	3,318	812	1,101	427	2,339	2,447
2922	12	12,414	49	204	3,473	3,726	647	1,069	1,560	3,276	3,507
2923	12	3,061	16	49	767	832	147	241	345	733	865
2924	12	5,790	25	107	1,825	1,957	346	550	820	1,715	1,636
2925	12	3,222	20	48	682	750	160	245	307	712	910
2926	12	42,259	10,361	4,776	4,156	19,293	2,142	4,951	3,394	10,486	11,938
2927	12	15,721	3,655	1,715	1,430	6,801	869	2,258	1,169	4,296	4,441
2928	12	11,190	897	1,563	1,563	4,023	259	115	1,472	1,846	3,161
2929	12	6,425	1,366	760	688	2,813	252	949	369	1,569	1,815
2930	13	7,840	1,537	788	860	3,184	386	650	291	1,327	2,215
2931	12	18,825	3,575	2,062	1,650	7,286	977	2,180	838	3,995	5,318
2932	12	17,668	3,497	1,954	1,742	7,193	642	2,489	914	4,044	4,991
2933	13	1,089	280	72	79	431	248	533	246	1,026	308
2934	12	2,468	522	292	259	1,074	119	383	139	641	697

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2935	13	7,047	427	570	1,427	2,424	560	850	739	2,149	1,991
2936	12	7,232	317	654	1,301	2,273	362	728	504	1,594	2,043
2937	12	19,444	825	1,750	3,544	6,119	948	2,024	1,439	4,410	5,493
2938	12	3,677	168	344	681	1,193	257	503	373	1,134	1,039
2939	12	6,776	240	978	968	2,186	262	449	708	1,419	1,914
2940	12	8,095	329	1,150	1,094	2,573	359	808	899	2,065	2,287
2941	9	6,016	997	684	73	1,754	345	374	359	1,078	1,700
2942	9	14,735	2,871	1,971	2,034	6,875	1,614	2,057	1,001	4,673	4,163
2943	13	25,473	3,537	3,035	3,141	9,712	2,226	786	1,217	4,228	7,196
2944	13	23,245	3,107	2,663	2,756	8,526	3,664	1,222	2,022	6,908	6,567
2945	13	442	85	64	67	216	419	137	231	787	125
2946	12	8,956	1,353	1,099	907	3,359	334	1,041	528	1,903	2,530
2947	12	4,072	618	501	374	1,493	273	738	254	1,265	1,150
2948	12	17,031	2,424	1,968	1,456	5,848	1,190	2,690	987	4,867	4,811
2949	12	4,063	619	503	432	1,554	120	367	525	1,013	1,148
2991	10	8,693	933	1,762	836	3,531	1,220	5,178	1,695	8,093	2,456
2992	10	11,643	1,293	2,474	1,187	4,955	1,201	5,380	1,730	8,312	3,289
2993	10	16,542	2,172	4,348	2,166	8,685	2,149	9,807	3,140	15,096	4,673
2994	10	4,975	545	893	367	1,805	442	2,166	542	3,150	1,405
2995	10	14,638	1,527	3,066	1,531	6,125	1,222	5,232	1,779	8,233	4,135
2996	10	5,975	460	1,068	589	2,117	597	2,394	858	3,849	1,688
2997	10	19,075	1,727	3,698	1,937	7,363	1,707	7,503	2,487	11,697	5,389
2998	10	16,165	1,649	3,785	1,728	7,161	1,363	8,826	1,606	11,795	4,567
2999	10	27,682	2,734	7,321	3,640	13,695	2,598	15,299	3,120	21,017	7,820
3000	10	11,076	1,218	2,339	938	4,494	819	6,297	931	8,047	3,129
3001	10	893	128	158	33	319	38	343	30	411	252
3002	10	3,952	372	718	289	1,380	244	1,823	275	2,343	1,117
3003	10	39,577	3,912	9,971	4,835	18,719	4,448	27,238	5,322	37,007	11,181
3004	10	20,751	1,979	5,083	2,475	9,537	1,980	12,062	2,376	16,418	5,862
3005	10	2,690	373	560	183	1,116	201	1,244	438	1,882	760
3006	10	5,397	847	1,107	285	2,238	643	3,717	1,521	5,882	1,525
3007	10	7,715	1,086	1,650	548	3,285	429	3,147	1,057	4,633	2,179
3008	10	9,138	1,230	1,840	598	3,668	655	4,010	1,515	6,180	2,581
3009	10	6,256	838	1,251	406	2,495	448	2,808	1,077	4,334	1,767
3010	10	373	61	70	13	143	14	283	31	328	105
3011	10	6,254	948	1,313	377	2,639	361	2,232	839	3,432	1,767
3012	10	6,020	968	1,437	461	2,866	387	2,423	929	3,739	1,701
3013	10	5,540	645	969	317	1,930	315	1,992	761	3,067	1,565
3014	10	5,363	817	1,003	223	2,043	226	1,767	489	2,483	1,515
3015	10	2,770	423	593	174	1,191	191	1,240	418	1,849	783
3016	10	1,146	238	210	-	448	57	485	11	554	324
3017	10	2,652	374	503	137	1,014	136	831	311	1,279	749
3018	10	723	127	133	16	276	67	515	41	623	204
3019	10	2,652	415	623	204	1,242	201	1,308	487	1,996	749
3020	10	2,237	319	443	128	889	153	1,003	308	1,464	632
3021	10	1,119	140	206	65	410	67	411	157	635	316
3022	10	25,303	2,958	4,662	1,626	9,246	1,566	9,961	3,885	15,412	7,148
3023	10	4,277	599	777	196	1,573	188	1,220	409	1,816	1,208
3024	10	13,306	1,966	3,061	1,050	6,077	761	5,019	1,865	7,645	3,759
3025	10	21,342	3,002	4,547	1,504	9,052	1,705	11,632	4,190	17,527	6,029
3026	10	12,884	1,072	874	2,649	4,596	584	6,313	1,537	8,433	3,640
3027	10	5,355	464	384	911	1,759	217	2,469	559	3,245	1,513
3071	6	54,338	1,688	9,224	9,310	20,222	6,518	7,731	377	14,626	15,350
3072	6	12,422	611	1,983	1,806	4,399	1,314	2,580	72	3,966	3,509
3073	6	4,939	528	914	638	2,080	549	2,277	24	2,850	1,395
3074	6	5,975	165	1,169	1,219	2,553	828	796	50	1,674	1,688
3075	6	4,077	514	503	681	1,698	641	492	10	1,143	1,152
3076	6	4,430	690	625	582	1,896	776	671	8	1,455	1,251
3077	6	6,377	796	806	1,246	2,848	1,093	732	18	1,843	1,802
3078	6	8,448	998	993	1,439	3,430	1,286	931	21	2,238	2,387
3079	6	4,387	606	572	664	1,842	730	612	9	1,352	1,239
3080	6	1,782	317	278	203	798	670	583	3	1,256	503
3081	6	6,303	1,019	918	825	2,763	1,128	1,010	11	2,149	1,780
3082	6	2,550	308	287	311	906	615	528	4	1,147	720
3083	6	1,523	223	209	232	665	523	430	3	957	430
3084	6	3,603	446	414	444	1,303	839	698	6	1,543	1,018
3085	6	3,829	956	424	471	1,852	926	891	199	2,016	1,082
3101	15	6,780	1,269	781	577	2,627	454	1,164	176	1,794	1,915
3102	15	13,189	2,593	1,596	1,180	5,369	801	1,998	356	3,156	3,726
3103	15	3,375	583	359	265	1,208	177	455	81	713	953
3104	15	923	230	141	104	475	68	174	31	273	261
3105	15	5,791	1,134	698	516	2,349	833	589	120	1,542	1,636
3106	15	12,246	2,297	1,413	1,045	4,756	1,683	1,193	244	3,120	3,459
3107	15	6,827	1,403	864	639	2,906	1,004	650	148	1,801	1,929
3108	15	10,554	283	695	1,520	2,498	507	1,112	495	2,114	2,982

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
3109	15	1,490	40	98	213	351	70	182	76	327	421
3121	9	2,328	436	277	78	791	149	90	348	587	658
3122	17	1,37,093	9,079	28,347	15,826	53,251	1,741	29,825	15,851	47,417	38,729
3123	16	22,201	1,911	3,441	3,054	8,406	339	3,080	3,548	6,967	6,272
3124	17	94,685	5,205	2,979	23,433	31,617	2,621	16,890	7,847	27,358	26,749
3125	17	40,783	9,281	4,040	4,226	17,548	1,556	3,788	6,904	12,248	11,521
3126	18	17,850	513	3,300	3,133	6,946	4,497	3,821	126	8,444	5,043
3127	18	25,256	1,635	3,165	4,327	9,127	198	204	4,074	4,477	7,135
3128	18	27,003	2,005	3,421	4,404	9,829	1,898	2,204	2,939	7,041	7,628
3129	18	23,521	1,599	2,820	3,692	8,111	1,484	1,796	2,479	5,759	6,645
3130	18	176	28	18	43	89	35	21	11	68	50
3131	18	0	60	35	-	95	345	35	-	380	0
3132	18	37,968	5,348	5,505	3,040	13,894	5,643	5,539	1,941	13,124	10,726
3133	18	0	2	1	-	3	1	0	-	1	0
3134	19	1,41,536	17,168	14,418	23,365	54,950	12,465	13,525	21,992	47,982	39,984
3135	18	3,990	738	589	500	1,828	459	947	196	1,602	1,127
3136	18	6,972	913	849	999	2,762	435	996	709	2,141	1,970
3137	18	48,952	6,364	6,007	7,238	19,609	137	49	8,791	8,977	13,829

Annexure 7-2

Planning parameters for 2026: MMR Area (DRAFT RP Scenario)

ANNEXURE 7-2: PLANNING PARAMETERS FOR 2026: MMR AREA (DRAFT RP SCENARIO)

Table 1: Planning Parameters 2026 (Draft RP Scenario)

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1	1	1,312	329	17	307	652	406	66	375	847	371
2	1	8,804	2,228	309	1,856	4,393	4,581	356	1,256	6,192	2,487
3	1	22,327	5,449	710	4,128	10,286	3,461	242	2,120	5,823	6,307
4	1	26,567	6,630	844	4,911	12,386	5,065	308	2,703	8,076	7,505
5	1	20,156	4,916	641	3,726	9,283	3,913	276	2,422	6,611	5,694
6	1	6,606	2,172	416	311	2,898	8,498	981	6,971	16,450	1,866
7	1	5,119	1,295	186	985	2,466	4,840	956	2,575	8,372	1,446
8	1	2,518	562	41	726	1,330	2,075	246	7,562	9,884	711
9	1	14,899	3,462	241	4,269	7,973	9,755	2,902	14,108	26,765	4,209
10	1	3,492	1,124	142	729	1,995	43,648	3,040	7,990	54,679	986
11	1	2,624	1,082	107	547	1,737	35,333	2,410	6,334	44,077	741
12	1	15,148	3,647	596	2,645	6,888	55,843	1,910	6,644	64,397	4,279
13	1	5,540	1,382	235	954	2,571	14,134	2,552	6,348	23,035	1,565
14	1	1,681	343	124	246	713	4,473	1,047	3,653	9,173	475
15	1	1,965	427	75	338	840	17,413	1,822	9,437	28,672	555
16	1	6,725	2,004	277	821	3,103	4,721	3,882	5,052	13,655	1,900
17	1	4,508	1,647	76	760	2,483	16,172	944	11,234	28,350	1,273
18	1	20,799	1,866	94	1,096	3,055	44,769	2,199	12,485	59,453	5,876
19	1	9,970	516	325	1,285	2,126	22,789	7,360	9,408	39,558	2,816
20	1	6,620	1,536	129	1,104	2,769	12,390	3,786	4,885	21,061	1,870
21	1	7,427	840	214	1,971	3,025	4,506	1,892	5,369	11,768	2,098
22	1	3,072	925	55	212	1,191	1,825	924	2,902	5,651	868
23	1	4,759	142	338	1,458	1,938	6,779	3,891	4,084	14,754	1,345
24	1	8,180	982	96	2,811	3,889	21,616	3,945	5,180	30,741	2,311
25	1	16,362	3,103	620	2,555	6,278	5,007	3,037	2,212	10,256	4,622
26	1	7,305	1,121	70	1,734	2,925	3,202	31	1,313	4,546	2,064
27	1	8,229	2,284	98	687	3,068	4,156	27	1,280	5,462	2,325
28	1	11,504	2,434	45	2,107	4,586	3,618	741	1,956	6,314	3,250
29	1	9,399	733	58	3,179	3,970	4,958	362	384	5,704	2,655
30	1	7,245	761	136	1,016	1,914	3,359	78	1,407	4,844	2,047
31	1	9,341	2,495	414	1,121	4,030	2,679	92	1,921	4,692	2,639
32	1	3,828	851	218	549	1,618	860	173	859	1,893	1,081
33	1	3,917	280	197	1,332	1,808	4,247	161	1,903	6,311	1,106
34	1	7,043	1,053	473	1,065	2,591	4,642	303	1,850	6,795	1,990
35	1	4,087	510	256	789	1,555	2,956	249	1,627	4,832	1,155
36	1	9,854	1,084	448	2,480	4,013	5,484	1,057	3,203	9,745	2,784
37	1	5,813	1,440	-	1,134	2,573	3,277	-	6,263	9,540	1,642
38	1	3,431	456	19	1,093	1,567	1,971	-	3,726	5,698	969
39	1	9,973	968	172	3,316	4,455	2,690	-	9,681	12,371	2,817
40	1	4,004	170	123	1,351	1,645	4,239	315	10,948	15,501	1,131
41	1	5,326	899	181	961	2,041	4,343	1,621	8,965	14,929	1,505
42	1	7,074	1,079	179	1,554	2,812	2,027	407	14,297	16,731	1,998
43	1	4,714	227	207	1,415	1,849	1,718	511	11,019	13,248	1,332
44	1	5,124	584	150	1,312	2,046	5,697	290	6,445	12,432	1,448
45	1	3,307	1,026	129	1,286	2,441	18,416	321	25,119	43,856	934
46	1	3,542	1,097	-	1,710	2,807	16,023	3,783	25,501	45,308	1,001
47	1	1,484	365	144	479	988	10,705	2,210	3,320	16,234	419
48	1	2,428	555	133	1,090	1,778	32,350	620	5,542	38,512	686
49	1	3,397	544	252	799	1,595	5,345	566	3,832	9,743	960
50	1	2,686	434	130	766	1,330	4,302	362	2,463	7,127	759
51	1	2,457	661	119	373	1,153	2,401	258	2,098	4,756	694
52	1	2,598	555	105	683	1,343	4,073	286	5,163	9,523	734
53	1	5,426	1,792	111	898	2,801	10,120	444	8,650	19,214	1,533
54	1	5,555	1,438	236	1,136	2,811	6,183	855	4,638	11,676	1,569
55	1	8,425	2,022	347	1,899	4,268	7,360	158	4,082	11,600	2,380
56	1	9,024	819	307	3,602	4,728	6,888	282	2,726	9,896	2,549
57	1	9,251	2,381	350	1,769	4,500	5,128	1,163	6,105	12,396	2,613
58	1	1,562	324	54	207	585	1,828	601	1,726	4,155	441
59	1	13,722	3,597	523	2,375	6,494	12,063	497	7,603	20,164	3,876
60	1	10,637	2,253	251	2,768	5,272	9,663	466	2,554	12,683	3,005
61	1	3,906	757	178	893	1,829	2,328	408	1,972	4,708	1,104
62	1	4,244	898	156	971	2,025	2,086	313	2,750	5,149	1,199
63	1	2,733	600	123	542	1,265	1,240	93	1,779	3,112	772
64	1	5,690	1,322	54	1,536	2,912	2,531	124	3,819	6,474	1,607
65	1	5,240	621	109	1,980	2,710	3,578	199	2,591	6,368	1,480
66	1	7,566	1,614	292	1,272	3,179	3,085	1,861	3,477	8,423	2,138
67	1	5,993	1,482	354	479	2,315	4,451	279	1,561	6,290	1,693
68	1	4,282	702	82	1,135	1,919	2,864	85	1,059	4,008	1,210
69	1	3,231	450	80	902	1,432	839	55	1,768	2,662	913
70	1	2,760	406	75	729	1,210	659	28	1,208	1,895	780
71	1	3,936	553	97	1,099	1,750	546	63	5,040	5,649	1,112
72	1	7,814	1,793	104	1,589	3,486	2,037	257	5,328	7,622	2,207
73	1	4,168	989	180	543	1,712	1,210	60	1,741	3,011	1,178
74	1	7,486	514	551	1,883	2,948	2,537	427	2,481	5,445	2,115
75	1	6,120	2,219	132	625	2,976	9,161	1,306	2,525	12,992	1,729
76	1	3,233	1,070	123	263	1,456	1,797	130	677	2,605	913
77	1	1,052	248	19	248	514	863	8	293	1,163	297
78	1	7,807	2,057	497	691	3,245	4,978	86	1,011	6,075	2,206
79	1	842	341	13	31	385	214	61	398	672	238
80	1	8,453	1,507	123	2,631	4,262	5,781	47	1,494	7,322	2,388
81	1	1,476	520	57	288	866	3,367	239	5,652	9,259	417
82	1	7,253	792	209	2,897	3,898	8,128	1,242	12,871	22,241	2,049
83	1	3,494	378	221	1,235	1,834	7,923	1,595	1,917	11,435	987
84	1	5,817	2,682	155	216	3,053	13,453	2,877	4,609	20,939	1,643
85	1	7,097	3,044	58	649	3,752	1,404	298	1,874	3,575	2,005
86	1	8,682	2,249	118	2,360	4,727	732	180	2,221	3,133	2,453
87	1	5,389	2,609	27	111	2,747	219	49	1,476	1,744	1,522
88	1	10,773	2,616	223	2,909	5,747	1,284	307	1,486	3,078	3,043
89	1	11,831	5,791	134	27	5,953	2,311	546	3,070	5,926	3,342
90	1	11,667	5,614	139	70	5,824	1,891	85	1,904	3,880	3,296
91	1	5,271	1,782	288	216	2,286	2,989	121	1,337	4,448	1,489
92	1	6,748	1,651	297	1,150	3,098	1,822	649	3,071	5,542	1,906
93	1	4,804	1,174	155	992	2,321	2,326	223	1,568	4,116	1,357
94	1	6,487	2,220	192	954	3,366	5,915	78	3,652	9,645	1,833
95	1	4,521	1,451	65	726	2,243	1,697	42	1,429	3,168	1,277
96	1	40,263	11,978	587	7,516	20,081	17,611	1,430	12,401	31,442	11,374
97	1	11,662	2,344	507	2,695	5,546	3,347	1,355	3,019	7,721	3,295
98	1	22,446	8,349	376	2,099	10,824	8,522	473	9,454	18,449	6,341
99	1	6,689	1,211	317	1,347	2,875	893	631	1,460	2,985	1,890
100	1	4,615	1,044	220	935	2,199	2,532	262	662	3,456	1,304
101	1	4,337	994	137	1,205	2,336	8,926	2,726	4,788	16,440	1,225
102	1	5,278	991	352	724	2,067	98	10	11	119	1,491
103	1	18,732	3,853	498	4,084	8,435	6,727	365	2,431	9,523	5,292
104	1	24,862	7,627	1,104	1,283	10,014	3,517	1,027	3,991	8,536	7,024
105	1	12,240	1,707	1,025	3,140	5,871	7,708	660	3,088	11,456	3,458
106	1	15,742	2,537	870	3,290	6,697	2,900	479	3,241	6,620	4,447
107	1	15,568	1,618	936	4,111	6,664	5,145	1,979	4,443	11,567	4,398
108	1	12,720	2,602	477	3,414	6,493	2,646	2,002	2,462	7,111	3,593
109	1	5,063	1,364	580	537	2,481	3,175	1,596	2,871	7,642	1,430
110	1	7,817	1,263	344	1,651	3,257	1,493	56	3,711	5,260	2,208
111	1	8,085	1,662	107	1,787	3,556	4,009	605	5,793	10,408	2,284
112	1	5,156	282	85	1,957	2,324	1,654	255	1,544	3,453	1,456
113	1	5,662	172	55	2,395	2,622	613	114	1,702	2,429	1,600
114	1	14,761	474	994	4,122	5,589	575	235	5,968	6,778	4,170
115	1	3,291	514	164	443	1,122	2,834	152	678	3,664	930
116	1	5,781	624	141	1,440	2,205	2,885	428	1,323	4,636	1,633
117	1	7,485	1,153	260	1,269	2,682	143	195	4,970	5,308	2,114
118	1	3,806	395	126	889	1,410	68	90	2,018	2,177	1,075
119	1	2,200	261	47	538	845	177	178	1,611	1,966	622
120	1	1,930	55	39	685	779	76	170	1,417	1,663	545
121	1	12,680	1,453	1,889	474	3,816	5,583	377	4,250	10,210	3,582
122	1	14,278	965	633	4,919	6,517	2,851	998	3,829	7,678	4,034
123	1	14,287	1,911	1,141	2,669	5,721	4,701	1,757	2,083	8,541	4,036
124	1	42,052	6,942	2,220	9,046	18,208	13,637	3,236	6,587	23,460	11,880
125	1	23,206	2,602	697	7,593	10,892	6,790	1,449	7,674	15,913	6,556
126	1	14,830	2,946	808	2,655	6,409	4,141	1,043	5,839	11,022	4,189
127	1	11,496	1,526	1,325	1,086	3,937	3,151	201	2,918	6,270	3,248
128	1	5,018	690	257	1,230	2,177	922	211	1,766	2,900	1,417
129	1	2,962	722	123	653	1,498	2,503	546	1,144	4,192	837
130	1	7,145	1,307	73	2,175	3,554	6,381	890	2,552	9,822	2,018
131	1	5,786	1,102	164	1,465	2,730	4,132	1,815	3,456	9,403	1,635
132	1	6,975	969	356	1,736	3,060	5,780	780	2,602	9,162	1,970
133	1	7,589	2,041	379	769	3,189	6,078	1,032	3,393	10,503	2,144
134	1	4,504	1,182	54	1,013	2,250	2,601	783	2,436	5,820	1,272
135	1	5,326	1,181	220	1,000	2,401	4,295	1,694	1,551	7,541	1,505
136	1	27,892	7,183	815	3,854	11,853	4,759	1,380	3,917	10,056	7,879
137	1	20,843	7,935	158	1,199	9,292	3,499	506	3,610	7,616	5,888
138	1	61,202	11,239	941	16,020	28,201	13,237	702	7,086	21,025	17,290
139	1	25,025	4,723	1,146	4,632	10,500	7,374	2,957	1,102	11,432	7,070
140	1	6,534	1,346	533	553	2,433	1,830	297	839	2,966	1,846
141	1	63,712	11,714	2,395	10,802	24,912	14,873	819	9,587	25,278	17,999
142	1	50,761	9,259	3,092	5,138	17,489	12,651	1,065	6,885	20,601	14,340

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
143	1	21,869	1,680	1,214	5,190	8,084	2,290	579	3,908	6,777	6,178
144	1	47,091	8,358	2,633	6,085	17,076	4,162	1,804	7,328	13,294	13,303
145	1	37,790	6,642	1,397	6,393	14,432	1,558	1,106	7,053	9,717	10,676
146	1	10,197	1,580	563	1,936	4,079	1,062	648	860	2,570	2,881
147	1	13,826	2,960	763	2,625	6,348	5,102	695	922	6,719	3,906
148	1	7,674	1,290	389	1,339	3,018	1,546	974	1,294	3,814	2,168
149	1	23,026	4,830	926	4,238	9,994	3,247	615	5,772	9,634	6,505
150	1	9,962	1,342	598	2,079	4,018	1,386	424	1,446	3,255	2,814
151	1	21,902	1,098	566	8,832	10,496	6,479	496	2,158	9,133	6,187
152	1	13,405	3,713	472	1,985	6,171	4,653	531	5,983	11,167	3,787
153	1	8,365	1,876	253	1,427	3,556	1,322	102	1,107	2,531	2,363
154	1	12,341	3,032	1,063	1,110	5,206	9,759	2,029	6,000	17,788	3,486
155	1	10,046	2,095	527	1,567	4,190	3,432	754	1,067	5,253	2,838
156	1	17,379	3,362	1,338	1,979	6,679	3,016	2,089	4,203	9,308	4,910
157	1	3,641	530	272	671	1,473	3,531	1,040	1,673	6,245	1,029
158	1	19,998	3,255	1,996	2,138	7,389	8,533	2,266	3,042	13,841	5,649
159	1	18,495	3,983	730	3,509	8,221	6,074	1,518	2,283	9,875	5,225
160	1	13,275	2,603	561	2,562	5,726	1,376	503	4,932	6,810	3,750
161	1	24,323	3,404	1,690	4,428	9,522	1,566	927	1,895	4,388	6,871
162	1	16,803	1,942	988	4,057	6,987	1,902	594	2,011	4,507	4,747
163	1	16,917	3,729	363	5,095	9,187	15,365	2,457	6,391	24,212	4,779
164	1	2,921	747	217	358	1,322	961	405	169	1,535	825
165	1	20,023	2,379	1,499	5,327	9,205	34,726	4,130	7,875	46,732	5,656
166	1	11,795	3,159	461	2,361	5,981	3,602	544	1,761	5,908	3,332
167	1	18,996	3,081	1,640	2,205	6,926	1,141	669	2,047	3,857	5,366
168	1	14,984	2,298	937	2,767	6,002	1,132	835	1,358	3,325	4,233
169	1	7,466	1,068	326	1,782	3,177	860	151	963	1,974	2,109
170	1	2,205	324	166	359	848	148	121	286	555	623
171	1	5,347	1,153	351	630	2,134	1,154	928	1,542	3,624	1,510
172	1	7,263	1,350	399	1,305	3,054	5,996	2,223	3,472	11,691	2,052
173	1	6,020	1,178	577	383	2,137	1,639	906	916	3,461	1,701
174	1	5,539	1,015	350	860	2,224	621	447	1,460	2,528	1,565
175	1	6,512	2,325	76	528	2,929	2,448	580	1,121	4,149	1,840
176	1	32,278	6,582	1,097	6,670	14,349	10,165	968	5,509	16,642	9,119
177	1	6,774	1,444	409	837	2,691	1,080	31	2,066	3,178	1,914
178	1	8,018	534	1,212	637	2,383	1,391	36	2,580	4,008	2,265
179	1	20,949	4,363	694	4,877	9,934	10,259	1,865	4,838	16,961	5,918
180	1	24,623	2,190	2,368	5,752	10,310	7,960	1,417	7,855	17,232	6,956
181	1	23,763	1,953	1,493	7,292	10,738	5,923	1,174	5,021	12,118	6,713
182	1	28,167	2,358	1,769	8,644	12,771	7,741	1,496	6,397	15,633	7,957
183	1	14,472	1,207	909	4,441	6,558	4,750	937	4,007	9,693	4,088
184	1	7,657	812	481	2,350	3,642	2,603	381	1,629	4,613	2,163
185	1	3,177	332	200	975	1,507	1,646	274	1,171	3,091	897
186	1	16,807	2,359	965	4,362	7,686	6,400	1,976	5,900	14,276	4,748
187	1	19,172	3,583	911	4,446	8,941	6,214	3,726	2,122	12,062	5,416
188	1	15,194	2,738	722	3,524	6,984	4,742	3,131	1,783	9,657	4,292
189	1	19,598	3,528	932	4,546	9,006	5,191	3,409	1,942	10,542	5,536
190	1	12,411	2,161	617	2,847	5,625	2,437	1,850	2,947	7,234	3,506
191	1	31,890	6,502	1,847	5,575	13,925	10,873	2,374	5,862	19,109	9,009
192	1	14,067	2,242	1,290	2,053	5,584	4,057	1,414	1,907	7,378	3,974
193	1	261	136	5	13	154	3,623	372	3,494	7,488	74
194	1	9,628	1,215	837	1,890	3,942	2,404	315	3,157	5,876	2,720
195	1	3,917	734	170	897	1,801	847	113	1,237	2,197	1,106
196	1	11,617	1,961	792	2,458	5,211	10,068	1,439	2,190	13,697	3,282
197	1	20,743	6,436	1,189	1,658	9,283	27,052	6,873	7,837	41,762	5,860
198	1	24,191	8,757	604	1,683	11,043	10,151	1,152	7,452	18,755	6,834
199	1	28,297	5,405	1,228	6,479	13,112	8,176	4,569	6,971	19,716	7,994
200	1	20,463	4,547	546	4,801	9,894	7,863	4,428	8,872	21,163	5,781
201	1	19,436	7,691	218	1,291	9,201	5,573	557	9,165	15,296	5,491
202	1	3,430	741	256	441	1,438	2,385	963	810	4,158	969
203	1	30,644	6,549	1,137	6,778	14,463	10,830	1,187	11,595	23,612	8,657
204	1	19,935	6,075	41	2,862	8,978	9,883	2,469	5,746	18,098	5,632
205	1	6,274	1,488	107	1,296	2,891	3,223	541	1,812	5,577	1,772
206	1	3,758	1,334	29	285	1,648	1,349	562	1,373	3,284	1,062
207	1	2,837	622	56	578	1,257	891	113	1,380	2,384	802
208	1	9,288	1,524	491	1,754	3,770	5,208	461	2,675	8,344	2,624
209	1	18,854	5,343	187	2,868	8,398	9,842	2,980	10,096	22,918	5,326
210	1	5,420	598	353	1,285	2,236	1,983	373	2,705	5,061	1,531
211	1	3,030	943	133	243	1,319	2,303	287	1,659	4,248	856
212	1	4,770	1,147	107	802	2,056	1,580	91	2,675	4,347	1,348
213	1	5,295	1,190	124	1,213	2,527	5,408	1,187	2,894	9,488	1,496
214	1	9,507	1,563	705	1,603	3,871	3,996	1,749	7,184	12,928	2,686
215	1	7,081	1,302	326	1,505	3,134	5,640	890	3,569	10,100	2,000
216	1	4,420	800	128	1,100	2,028	1,382	575	2,987	4,945	1,249
217	1	13,852	905	633	4,791	6,329	8,828	2,271	9,621	20,720	3,913

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
218	1	7,200	1,349	814	847	3,010	10,075	1,175	1,300	12,550	2,034
219	1	8,701	2,283	181	1,572	4,036	5,437	699	5,203	11,339	2,458
220	1	5,301	690	425	971	2,085	3,432	1,760	1,535	6,727	1,497
221	1	13,073	2,242	731	2,531	5,503	11,114	2,628	2,243	15,984	3,693
222	1	4,017	930	315	307	1,551	2,000	1,130	971	4,101	1,135
223	1	4,578	1,458	91	897	2,446	8,721	1,813	2,709	13,244	1,293
224	1	19,585	3,701	417	5,609	9,727	15,834	4,968	4,761	25,563	5,533
225	1	4,016	619	193	1,086	1,898	1,437	207	699	2,343	1,134
226	1	10,114	1,218	1,123	1,520	3,861	2,917	738	1,152	4,807	2,857
227	1	6,803	1,371	487	1,174	3,033	4,253	1,012	1,775	7,039	1,922
228	1	26,536	10,091	347	2,080	12,518	7,606	4,692	4,629	16,928	7,496
229	1	16,072	3,194	742	3,539	7,475	13,879	2,665	2,811	19,355	4,540
230	1	10,584	3,214	154	1,759	5,126	4,905	548	1,046	6,499	2,990
231	1	10,203	1,800	640	2,079	4,519	1,271	1,285	3,924	6,480	2,882
232	1	15,132	3,033	653	3,193	6,880	5,362	297	2,561	8,220	4,275
233	1	9,357	1,966	810	1,316	4,093	5,422	1,154	2,997	9,573	2,643
234	1	27,610	3,000	2,627	6,324	11,951	11,437	9,737	3,749	24,922	7,800
235	1	6,739	1,326	443	1,325	3,093	3,007	1,166	2,009	6,183	1,904
236	1	6,784	1,591	227	1,996	3,814	12,462	3,003	7,967	23,432	1,917
237	1	5,645	1,810	209	658	2,677	1,569	633	1,069	3,271	1,595
238	1	8,466	2,114	618	1,077	3,809	8,816	3,611	4,993	17,421	2,392
239	1	12,160	3,358	425	2,201	5,984	6,278	2,547	4,013	12,838	3,435
240	1	27,958	6,642	843	5,804	13,289	6,916	746	2,095	9,757	7,898
241	1	16,949	3,446	683	3,795	7,924	3,847	792	1,282	5,921	4,788
242	1	24,374	4,015	1,351	5,930	11,295	7,509	2,519	9,526	19,553	6,886
243	1	5,506	3,331	109	731	4,171	11,236	318	1,774	13,329	1,555
244	2	6,937	238	783	2,067	3,089	1,191	497	1,105	2,794	1,960
245	2	11,566	1,383	812	3,362	5,557	1,908	347	2,294	4,549	3,267
246	2	6,578	1,407	683	629	2,719	1,253	240	1,502	2,996	1,858
247	2	15,959	3,640	692	3,745	8,077	4,417	41	3,442	7,900	4,509
248	2	9,137	1,688	21	3,262	4,970	1,437	173	2,519	4,128	2,581
249	2	23,936	4,599	201	6,436	11,236	3,791	672	5,977	10,440	6,762
250	2	6,141	846	420	1,423	2,688	1,999	181	2,083	4,263	1,735
251	2	11,988	3,707	311	1,679	5,696	11,624	341	4,035	16,000	3,387
252	2	23,904	7,034	621	3,356	11,011	14,468	419	4,962	19,849	6,753
253	2	24,773	6,597	642	3,470	10,708	7,827	243	2,883	10,953	6,998
254	2	12,191	3,898	316	1,710	5,924	4,249	85	1,013	5,348	3,444
255	2	5,309	973	345	1,470	2,788	953	635	3,171	4,760	1,500
256	2	25,933	7,331	1,106	3,631	12,068	2,772	583	4,485	7,840	7,326
257	2	14,317	2,846	715	3,442	7,003	1,439	399	2,945	4,782	4,045
258	2	19,104	5,059	410	5,526	10,995	4,537	1,101	2,498	8,135	5,397
259	2	35,608	6,934	1,832	7,210	15,977	6,421	368	1,611	8,400	10,059
260	2	44,396	8,709	2,838	7,868	19,415	5,920	2,512	5,966	14,399	12,542
261	2	16,951	3,293	1,820	1,279	6,393	2,127	139	1,992	4,258	4,789
262	2	34,351	2,709	6,379	1,499	10,587	4,567	1,356	4,964	10,888	9,704
263	2	-	275	-	-	275	7,555	374	1,100	9,029	-
264	2	496	294	44	35	373	5,999	297	875	7,171	140
265	2	-	199	-	-	199	14,321	589	1,735	16,645	-
266	2	42,782	8,975	3,820	3,033	15,828	13,268	649	1,909	15,826	12,086
267	2	5,794	1,887	510	405	2,802	63,572	642	1,889	66,102	1,637
268	2	23,757	5,585	2,263	1,797	9,645	20,225	1,030	3,031	24,285	6,711
269	2	264	589	24	19	631	17,643	884	2,603	21,130	75
270	2	6,367	2,176	590	468	3,234	10,194	473	1,392	12,058	1,799
271	2	46,001	11,046	3,258	5,756	20,061	6,678	1,216	5,069	12,963	12,995
272	2	43,296	7,605	2,447	7,867	17,919	10,850	1,234	8,448	20,532	12,231
273	2	6,545	3,129	73	852	4,054	5,095	270	1,454	6,819	1,849
274	2	11,135	3,546	292	1,206	5,045	2,636	545	3,531	6,712	3,146
275	2	24,370	5,163	2,051	2,118	9,331	4,531	727	3,610	8,867	6,885
276	2	27,282	7,411	1,549	3,377	12,338	4,573	1,435	3,752	9,759	7,707
277	2	18,129	4,087	730	3,809	8,626	1,861	1,170	3,708	6,739	5,121
278	2	58,133	16,969	527	15,447	32,943	3,375	1,673	10,191	15,239	16,422
279	2	16,162	3,136	1,021	3,431	7,588	2,172	624	4,080	6,876	4,566
280	2	6,677	1,918	89	1,501	3,508	908	62	2,244	3,214	1,886
281	2	8,889	3,356	446	1,678	5,480	5,468	211	1,763	7,442	2,511
282	2	10,189	3,887	833	1,219	5,939	5,198	161	2,304	7,662	2,878
283	2	3,274	584	259	583	1,426	995	472	3,413	4,881	925
284	2	3,560	1,674	63	352	2,089	4,884	1,086	1,807	7,777	1,006
285	2	5,476	700	684	998	2,382	6,438	747	2,761	9,946	1,547
286	2	4,263	1,025	61	1,094	2,180	2,255	136	5,138	7,529	1,204
287	2	15,770	3,015	455	3,507	6,976	2,873	328	3,620	6,822	4,455
288	2	19,030	5,494	440	3,826	9,759	5,574	2,178	2,355	10,107	5,376
289	2	9,523	2,553	366	1,784	4,703	4,559	251	2,416	7,227	2,690
290	2	16,833	2,815	1,414	2,617	6,846	5,242	1,239	4,648	11,129	4,755
291	2	5,958	771	661	1,710	3,142	1,298	189	870	2,357	1,683
292	2	18,053	3,745	1,304	3,479	8,528	2,284	1,168	5,477	8,930	5,100

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
293	2	8,809	3,252	276	1,480	5,007	6,168	661	3,571	10,400	2,489
294	2	17,307	4,160	1,450	2,542	8,152	6,290	6,119	6,068	18,477	4,889
295	2	6,873	2,628	97	626	3,350	894	633	1,910	3,437	1,942
296	2	13,545	2,051	2,215	966	5,232	4,007	1,393	3,376	8,775	3,827
297	2	8,167	1,319	260	2,582	4,161	1,167	430	2,241	3,838	2,307
298	2	5,836	1,069	386	1,208	2,664	481	235	1,784	2,500	1,649
299	2	6,030	808	756	674	2,238	1,662	203	605	2,469	1,703
300	2	17,712	2,810	1,031	4,236	8,077	3,296	1,032	2,873	7,202	5,004
301	2	13,245	2,578	641	3,250	6,469	2,544	1,603	2,209	6,356	3,742
302	2	14,700	2,243	1,251	2,809	6,302	1,733	1,013	2,989	5,734	4,153
303	2	16,821	3,956	1,269	2,645	7,870	6,807	1,461	2,273	10,541	4,752
304	2	12,679	4,667	71	2,889	7,626	6,239	446	1,128	7,812	3,582
305	2	26,920	8,782	150	6,123	15,055	13,083	1,093	2,766	16,942	7,605
306	2	20,970	6,564	117	4,771	11,451	8,154	648	1,641	10,443	5,924
307	2	19,620	2,426	1,337	5,317	9,080	2,878	1,966	5,733	10,577	5,543
308	2	13,126	3,249	712	2,253	6,214	4,060	1,031	2,673	7,764	3,708
309	2	22,808	3,755	1,755	4,593	10,103	6,220	1,298	3,956	11,474	6,443
310	2	619	311	86	12	409	456	91	242	789	175
311	2	7,479	2,892	35	812	3,739	1,407	1,809	1,509	4,725	2,113
312	2	17,859	2,766	1,075	4,111	7,952	4,079	1,066	2,962	8,107	5,045
313	2	20,455	4,965	1,985	2,267	9,217	23,183	8,988	10,055	42,226	5,779
314	2	9,634	2,024	548	2,206	4,778	3,816	1,035	1,921	6,772	2,722
315	2	51,182	16,621	1,703	3,519	21,844	14,838	4,091	6,082	25,011	14,459
316	2	18,012	1,065	1,282	6,311	8,658	9,556	1,574	3,200	14,330	5,088
317	2	16,939	3,663	1,114	4,678	9,455	8,636	4,376	5,156	18,167	4,785
318	2	2,599	1,298	170	503	1,971	10,592	3,057	3,361	17,010	734
319	2	18,269	3,853	1,194	3,535	8,581	9,493	2,591	2,848	14,931	5,161
320	2	37,005	11,234	2,212	5,716	19,163	29,025	19,364	9,153	57,542	10,454
321	2	36,370	8,743	2,563	6,888	18,194	17,457	3,165	9,722	30,344	10,275
322	2	12,082	3,241	758	2,133	6,131	11,924	513	1,186	13,623	3,413
323	2	38,015	3,223	2,096	13,546	18,865	10,878	5,830	8,778	25,486	10,739
324	2	21,070	8,769	1,322	3,719	13,810	19,168	2,737	5,007	26,912	5,952
325	2	30,130	5,815	1,890	5,319	13,024	17,007	1,084	1,416	19,507	8,512
326	2	27,745	6,933	1,489	5,103	13,525	5,142	1,745	4,747	11,634	7,838
327	2	4,855	1,668	303	1,419	3,390	2,951	725	3,681	7,358	1,371
328	2	24,879	5,777	2,290	2,711	10,778	5,481	1,148	2,018	8,647	7,028
329	2	5,841	1,395	333	1,191	2,920	768	314	668	1,750	1,650
330	2	41,314	8,577	2,184	6,641	17,402	3,463	1,355	3,619	8,437	11,671
331	2	29,426	3,942	2,311	5,654	11,907	2,165	1,602	2,674	6,441	8,313
332	2	55,579	7,874	5,169	9,344	22,387	4,193	2,374	5,882	12,449	15,701
333	2	88,174	13,696	5,496	19,814	39,006	8,842	4,305	13,738	26,885	24,909
334	2	45,911	12,062	797	13,229	26,089	18,442	2,047	9,331	29,820	12,970
335	2	12,457	3,804	616	1,500	5,919	3,295	587	4,407	8,289	3,519
336	2	24,886	3,203	1,141	10,025	14,369	3,142	558	3,345	7,045	7,030
337	2	4,079	1,050	110	1,259	2,419	428	11	712	1,152	1,152
338	2	10,952	4,028	441	2,361	6,830	2,250	243	1,519	4,012	3,094
339	2	12,042	4,048	485	2,596	7,128	2,082	299	1,867	4,247	3,402
340	2	3,073	536	575	196	1,307	218	274	546	1,039	868
341	2	25,974	10,125	794	3,802	14,721	4,451	968	2,971	8,390	7,338
342	2	14,397	4,654	488	3,163	8,304	1,248	142	2,347	3,737	4,067
343	2	11,255	3,742	771	1,909	6,422	6,450	1,162	2,980	10,592	3,179
344	2	68,276	23,900	57	6,833	30,790	10,231	4,172	13,651	28,054	19,288
345	2	36,187	8,421	1,020	8,073	17,514	16,641	1,913	6,260	24,814	10,223
346	2	39,977	8,518	1,125	8,906	18,548	13,446	1,578	5,166	20,190	11,294
347	2	30,768	9,930	1,536	308	11,773	8,333	1,042	1,447	10,822	8,692
348	2	11,250	3,633	562	112	4,307	3,266	417	579	4,261	3,178
349	2	31,483	5,797	1,435	7,348	14,580	7,456	1,116	3,421	11,992	8,894
350	2	29,938	7,472	706	5,580	13,758	4,924	868	6,898	12,691	8,458
351	2	13,454	4,602	662	2,202	7,467	5,892	803	2,196	8,891	3,801
352	2	6,325	1,888	236	669	2,793	1,061	169	1,122	2,352	1,787
353	2	12,130	2,497	426	2,815	5,738	3,015	826	1,018	4,858	3,427
354	2	23,147	2,627	1,225	5,967	9,820	2,956	1,538	4,251	8,745	6,539
355	2	3,576	930	114	698	1,742	731	174	989	1,895	1,010
356	2	18,083	4,123	575	3,530	8,228	3,440	567	3,056	7,063	5,109
357	2	15,563	4,014	389	3,000	7,403	1,116	287	3,350	4,753	4,396
358	2	18,765	9,177	122	158	9,456	4,385	295	3,379	8,059	5,301
359	2	6,974	1,224	350	1,646	3,221	1,426	133	898	2,457	1,970
360	2	14,914	2,826	434	4,050	7,310	2,204	428	3,159	5,791	4,213
361	2	20,850	5,924	520	3,295	9,738	4,271	345	3,193	7,809	5,890
362	2	9,514	1,103	525	2,358	3,986	903	-	4,076	4,979	2,688
363	2	6,628	1,231	144	1,765	3,141	1,080	878	4,137	6,095	1,872
364	2	24,640	5,309	1,741	4,224	11,273	5,669	3,496	7,512	16,677	6,961
365	2	40,457	6,628	1,797	9,182	17,608	4,470	2,170	13,268	19,908	11,429
366	2	79,927	6,119	3,554	27,797	37,469	25,956	890	8,079	34,925	22,579
367	2	15,808	5,342	237	1,360	6,939	1,783	819	6,422	9,024	4,466

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
368	3	50,351	4,771	3,481	13,221	21,473	12,071	2,400	17,336	31,806	14,224
369	3	14,029	1,182	1,535	2,575	5,292	3,297	1,121	2,355	6,773	3,963
370	3	13,058	1,875	532	2,459	4,866	1,250	2,939	3,363	7,552	3,689
371	3	17,072	2,137	279	4,360	6,776	2,303	3,241	4,020	9,564	4,823
372	3	42,046	5,459	2,187	8,278	15,925	24,207	16,491	23,747	64,445	11,878
373	3	13,500	3,179	1,872	3,251	8,303	30,803	21,127	67,586	1,19,517	3,814
374	3	43,982	8,823	2,485	8,570	19,878	1,071	39	7	1,117	12,425
375	3	30,617	4,224	2,039	7,022	13,285	130	10	6	146	8,649
376	3	36,409	7,789	3,587	4,254	15,630	948	55	95	1,098	10,286
377	3	10,496	789	941	3,895	5,624	410	17	5	433	2,965
378	3	26,900	4,964	2,516	4,740	12,220	489	27	7	522	7,599
379	3	3,993	640	567	1,482	2,690	3,008	371	2,302	5,681	1,128
380	3	36,240	3,375	4,414	6,987	14,776	1,167	846	2,210	4,223	10,238
381	3	69,995	7,502	6,125	16,632	30,260	3,024	4,314	4,459	11,797	19,774
382	3	18,618	1,885	2,122	3,954	7,960	807	550	2,012	3,368	5,260
383	3	11,453	1,024	1,109	3,460	5,593	592	693	1,036	2,321	3,235
384	3	44,248	7,168	3,857	8,598	19,623	2,269	2,832	4,879	9,980	12,500
385	3	21,980	2,222	2,779	4,243	9,243	511	757	1,182	2,450	6,209
386	3	1,27,854	21,780	9,364	19,910	51,054	4,385	3,738	6,580	14,703	36,119
387	3	9,602	905	1,353	1,833	4,091	308	756	1,794	2,859	2,713
388	3	96,037	4,091	14,699	23,992	42,783	10,125	3,913	3,937	17,975	27,130
389	3	46,460	5,529	8,290	3,904	17,723	1,184	2,649	3,404	7,237	13,125
390	3	77,482	8,748	8,213	15,217	32,179	2,185	3,835	3,047	9,067	21,889
391	3	38,453	4,329	7,381	3,123	14,833	825	1,475	4,358	6,658	10,863
392	3	64,406	3,860	12,678	9,577	26,115	2,684	3,482	5,404	11,570	18,195
393	3	9,741	632	605	3,092	4,329	666	342	1,836	2,844	2,752
394	3	2,364	247	256	662	1,165	555	375	2,075	3,004	668
395	3	46,583	1,996	2,702	15,513	20,212	1,869	980	2,672	5,521	13,160
396	3	34,327	1,583	2,057	11,435	15,076	1,202	612	1,649	3,462	9,697
397	3	29,330	1,767	1,213	9,950	12,930	784	475	2,124	3,384	8,286
398	3	6,437	657	112	2,149	2,918	463	216	1,141	1,820	1,818
399	3	32,574	2,467	4,068	5,985	12,520	752	462	2,087	3,301	9,202
400	3	16,025	1,745	2,591	3,065	7,401	1,035	814	2,661	4,510	4,527
401	3	26,625	1,726	3,623	5,062	10,411	591	611	2,046	3,248	7,522
402	3	10,759	683	1,455	2,043	4,181	313	430	1,456	2,199	3,039
403	3	16,521	1,470	2,875	2,219	6,565	871	728	1,812	3,411	4,667
404	3	37,512	4,543	4,178	5,434	14,154	2,674	735	4,890	8,299	10,597
405	3	18,770	3,132	2,591	2,744	8,467	1,995	348	2,103	4,445	5,303
406	3	10,863	6,073	3,985	1,712	11,769	5,626	477	2,098	8,201	3,069
407	3	84,594	24,643	625	1,709	26,977	3,353	788	3,024	7,166	23,898
408	3	68,155	20,143	672	1,385	22,200	2,583	581	2,175	5,339	19,254
409	3	36,839	10,943	396	750	12,089	3,335	777	2,969	7,081	10,407
410	3	1,574	423	278	301	1,002	562	257	934	1,754	445
411	3	11,602	2,994	2,170	2,106	7,269	2,451	1,533	3,327	7,311	3,278
412	3	10,811	2,236	1,699	1,947	5,881	1,825	1,330	2,924	6,079	3,054
413	3	46,167	9,458	4,139	5,948	19,545	5,130	1,773	2,909	9,812	13,042
414	3	36,171	6,170	2,525	4,602	13,297	3,079	1,349	2,414	6,842	10,218
415	3	34,535	6,014	2,477	4,418	12,909	3,496	1,535	2,745	7,777	9,756
416	3	19,849	3,774	1,609	2,549	7,932	2,683	1,081	1,930	5,694	5,607
417	3	59,487	1,282	9,178	13,676	24,136	4,251	1,853	2,852	8,956	16,805
418	3	78,378	2,269	12,431	18,035	32,735	6,993	2,997	4,553	14,543	22,142
419	3	39,598	6,179	4,540	6,806	17,526	5,058	2,931	7,581	15,570	11,186
420	3	19,147	2,920	2,323	4,021	9,264	2,662	888	3,642	7,192	5,409
421	3	7,507	970	439	2,870	4,279	1,300	284	1,623	3,206	2,121
422	3	31,085	6,377	1,495	6,033	13,904	6,592	1,037	4,796	12,425	8,781
423	3	19,948	2,741	5,785	729	9,255	2,630	914	4,646	8,190	5,635
424	3	11,445	2,112	313	2,628	5,052	948	643	2,150	3,742	3,233
425	3	22,341	3,556	2,831	2,708	9,095	1,720	2,434	3,063	7,217	6,311
426	3	40,119	4,759	4,157	10,092	19,008	5,290	4,320	7,296	16,906	11,334
427	3	18,435	1,362	4,410	2,544	8,316	2,962	1,134	2,990	7,086	5,208
428	3	35,041	4,525	5,665	4,955	15,144	4,754	1,880	5,551	12,185	9,899
429	3	23,455	6,423	1,225	2,435	10,082	4,085	588	4,242	8,915	6,626
430	3	21,750	2,716	2,366	4,506	9,588	3,836	530	3,279	7,645	6,144
431	3	22,727	5,229	1,704	2,490	9,423	5,232	1,547	2,304	9,083	6,420
432	3	20,987	5,245	1,816	2,311	9,373	5,301	1,474	2,168	8,943	5,929
433	3	37,140	4,792	3,046	9,506	17,344	3,355	1,619	6,884	11,858	10,492
434	3	5,627	1,012	675	1,049	2,737	956	361	1,614	2,932	1,590
435	3	35,048	5,541	4,637	5,974	16,152	6,881	2,092	2,816	11,789	9,901
436	3	5,806	148	187	2,860	3,195	1,034	184	589	1,807	1,640
437	3	19,085	8,917	2,747	939	12,604	11,896	5,580	10,682	28,157	5,392
438	3	22,763	7,843	1,689	1,028	10,559	6,012	3,286	6,232	15,530	6,431
439	3	24,860	3,373	3,266	2,679	9,318	2,217	860	4,283	7,359	7,023
440	3	7,352	2,360	1,140	1,134	4,634	3,983	3,044	6,715	13,742	2,077
441	3	29,614	3,544	4,014	7,421	14,980	3,561	1,481	9,940	14,981	8,366
442	3	16,547	3,540	1,681	2,961	8,182	4,099	1,793	4,655	10,547	4,674

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
443	3	37,389	2,244	5,326	8,977	16,547	8,739	759	4,825	14,323	10,562
444	3	37,214	2,388	5,391	8,939	16,718	8,065	704	4,429	13,198	10,513
445	3	7,608	707	836	1,942	3,485	2,197	1,272	4,465	7,934	2,149
446	3	6,216	1,139	343	1,221	2,703	494	406	1,702	2,602	1,756
447	3	11,765	1,625	1,956	2,288	5,869	1,805	1,639	2,041	5,485	3,324
448	3	28,199	4,034	3,746	6,628	14,407	5,399	1,074	6,440	12,912	7,966
449	3	17,465	4,269	1,842	395	6,506	1,686	688	3,376	5,749	4,934
450	3	55,597	13,195	2,594	8,003	23,792	9,043	1,174	11,121	21,337	15,706
451	3	32,026	7,562	2,834	3,729	14,125	10,508	5,828	8,519	24,854	9,047
452	3	6,184	1,036	371	1,538	2,944	861	1,217	2,266	4,344	1,747
453	3	6,604	1,866	861	69	2,796	2,151	590	2,432	5,172	1,866
454	3	22,815	2,074	4,200	6,736	13,010	17,801	2,820	18,275	38,897	6,445
455	3	11,388	1,567	1,513	1,840	4,920	944	1,696	3,057	5,698	3,217
456	3	17,359	3,286	601	3,496	7,383	509	564	3,576	4,649	4,904
457	3	14,650	1,886	1,342	3,140	6,368	615	640	3,812	5,067	4,139
458	3	7,455	646	1,155	1,461	3,262	837	352	1,710	2,898	2,106
459	3	6,480	1,050	686	1,376	3,112	966	321	1,897	3,184	1,831
460	3	6,739	1,253	515	1,057	2,826	585	270	1,077	1,932	1,904
461	3	61,536	1,583	16,145	7,378	25,106	7,632	1,205	9,663	18,500	17,384
462	3	62,022	13,111	4,373	7,306	24,790	2,117	4,885	15,758	22,760	17,521
463	3	14,636	1,089	4,721	830	6,640	1,873	3,409	4,214	9,497	4,135
464	3	12,447	4,109	2,951	1,950	9,009	8,589	22,501	8,705	39,796	3,516
465	3	72,945	4,588	12,480	13,146	30,214	21,221	7,669	8,891	37,781	20,607
466	3	42,640	4,958	4,390	9,635	18,983	10,066	10,350	12,442	32,858	12,046
467	3	20,034	2,200	2,927	3,856	8,983	12,624	5,223	6,820	24,668	5,660
468	2	12,112	422	-	6,765	7,188	1,264	2,568	183	4,015	3,422
469	2	6,247	1,585	84	1,766	3,435	1,663	747	1,765	4,176	1,765
470	2	50,829	14,798	1,214	5,906	21,918	10,605	4,988	12,789	28,381	14,359
471	2	6,281	923	461	1,216	2,601	2,545	662	2,130	5,337	1,774
472	2	15,767	4,291	624	1,642	6,557	3,557	1,981	3,795	9,334	4,454
473	2	6,599	961	646	813	2,420	1,362	544	1,446	3,353	1,864
474	2	23,565	4,234	1,473	4,933	10,640	14,551	3,489	6,040	24,080	6,657
475	2	3,850	681	185	863	1,729	2,807	620	1,076	4,503	1,088
476	2	37,693	4,772	3,904	5,759	14,436	12,437	6,178	7,759	26,374	10,648
477	2	8,810	2,105	448	1,040	3,593	2,411	1,022	2,244	5,677	2,489
478	2	36,583	8,047	2,179	5,981	16,207	15,732	2,066	7,987	25,784	10,335
479	2	32,209	6,214	2,409	5,792	14,415	13,415	3,693	5,957	23,065	9,099
480	2	9,430	3,428	282	1,177	4,887	3,643	1,604	3,133	8,380	2,664
481	2	7,059	1,813	381	1,291	3,485	2,382	1,306	2,544	6,232	1,994
482	2	5,768	2,352	50	388	2,790	1,432	836	1,466	3,735	1,629
483	2	7,754	2,561	202	695	3,459	1,377	910	2,770	5,057	2,191
484	2	8,719	989	317	2,650	3,955	755	1,381	2,844	4,980	2,463
485	2	10,100	3,756	126	1,045	4,927	3,215	1,135	3,021	7,371	2,853
486	2	22,984	1,057	2,381	6,594	10,033	3,390	2,853	7,189	13,432	6,493
487	2	48,076	6,695	3,017	10,026	19,737	4,135	3,069	9,614	16,819	13,581
488	2	50,906	8,265	4,210	7,124	19,599	2,301	2,462	8,000	12,764	14,381
489	2	1,42,971	6,484	28,805	1,512	36,802	10,467	12,465	24,254	47,186	40,389
490	2	1,31,595	23,380	6,823	23,709	53,912	11,771	6,351	19,137	37,259	37,176
491	2	68,359	12,458	3,544	12,316	28,319	8,871	4,644	13,993	27,508	19,311
492	2	33,711	4,760	2,319	6,464	13,543	1,233	3,223	7,402	11,858	9,523
493	2	31,321	5,836	2,421	2,124	10,380	812	651	2,551	4,014	8,848
494	2	32,872	3,928	2,712	4,746	11,387	7,478	1,128	4,080	12,686	9,286
495	2	35,808	4,700	2,955	5,170	12,825	6,049	845	3,056	9,950	10,116
496	2	1,19,730	14,023	9,879	17,286	41,188	11,891	1,795	6,493	20,180	33,824
497	2	-	45	-	-	45	61	-	-	61	-
498	2	20,278	5,419	556	2,429	8,404	3,589	569	1,392	5,551	5,729
499	2	36,545	9,035	997	4,359	14,391	5,421	952	2,329	8,702	10,324
500	2	3,083	4,717	230	969	5,917	6,895	-	1,829	8,724	871
501	2	11,817	6,855	959	2,580	10,393	18,517	6,759	7,083	32,358	3,338
502	2	15,231	4,371	1,211	3,248	8,830	6,420	1,697	2,641	10,758	4,303
503	2	21,702	3,944	1,323	4,670	9,937	1,217	393	1,437	3,047	6,131
504	2	28,514	5,000	1,738	6,136	12,873	1,790	735	2,686	5,211	8,055
505	2	34,698	7,856	2,305	4,378	14,538	3,183	1,027	2,475	6,684	9,802
506	2	35,837	8,385	2,078	4,693	15,156	12,663	3,210	6,264	22,137	10,124
507	2	65,957	14,169	3,605	10,540	28,314	20,396	4,786	10,501	35,683	18,633
508	2	38,811	7,655	2,262	7,976	17,893	10,691	6,339	9,404	26,434	10,964
509	2	30,002	7,689	786	4,978	13,453	6,201	3,954	6,480	16,635	8,476
510	2	9,497	1,661	581	1,728	3,970	1,783	1,060	1,875	4,718	2,683
511	2	35,012	5,598	2,555	6,089	14,242	7,101	3,490	6,768	17,360	9,891
512	2	23,356	3,164	1,203	6,462	10,829	9,839	1,314	2,408	13,561	6,598
513	2	15,802	2,031	814	4,372	7,217	6,686	919	1,684	9,289	4,464
514	2	12,384	2,973	1,152	342	4,467	1,872	1,461	3,765	7,098	3,498
515	2	3,004	1,078	113	439	1,630	1,415	760	1,858	4,034	849
516	2	9,210	2,546	422	856	3,824	2,171	1,637	872	4,680	2,602
517	2	4,083	809	206	689	1,703	402	404	1,014	1,820	1,153
518	2	9,772	1,557	332	3,103	4,993	5,709	1,389	6,301	13,399	2,761
519	2	24,077	11,242	433	2,559	14,235	13,371	6,187	8,574	28,132	6,802
520	2	8,974	3,454	298	578	4,329	3,231	1,259	2,785	7,275	2,535
521	2	11,910	3,677	435	1,517	5,629	2,294	1,286	4,040	7,620	3,365
522	2	32,521	9,814	1,063	2,498	13,374	8,016	635	2,181	10,832	9,187
523	2	39,673	12,596	1,296	3,047	16,940	10,363	717	2,462	13,543	11,208
524	2	26,662	7,895	871	2,048	10,814	6,003	488	1,674	8,165	7,532
525	2	26,812	8,064	876	2,060	10,999	7,171	570	1,958	9,699	7,574
526	2	9,196	1,076	1,063	1,120	3,259	1,274	210	1,418	2,903	2,598
527	2	10,514	1,957	706	1,428	4,091	1,014	414	1,975	3,403	2,970
528	2	24,939	6,841	300	4,558	11,699	8,645	226	2,100	10,971	7,045
529	2	47,859	12,681	575	8,747	22,003	12,037	322	2,990	15,348	13,520
530	2	14,547	6,426	406	1,673	8,505	6,906	339	1,438	8,683	4,110
531	2	9,582	1,784	315	2,120	4,220	1,173	166	1,579	2,918	2,707
532	2	10,133	2,620	304	1,726	4,651	3,153	371	944	4,469	2,862
533	2	20,382	3,609	805	4,404	8,818	1,749	178	3,850	5,776	5,758
534	2	10,930	2,512	419	1,601	4,532	870	252	2,039	3,161	3,088
535	2	3,702	869	142	542	1,553	270	65	606	941	1,046
536	2	35,229	8,102	1,709	6,482	16,294	13,584	408	1,393	15,386	9,952
537	2	5,789	1,307	220	995	2,521	616	241	962	1,819	1,635
538	2	46,091	12,479	1,711	6,246	20,435	12,351	305	1,710	14,366	13,021
539	2	45,997	12,511	1,712	6,252	20,476	13,142	324	1,819	15,286	12,994
540	2	56,921	15,341	2,119	7,738	25,198	12,537	306	1,715	14,558	16,080
541	2	39,127	10,760	1,457	5,319	17,536	10,857	258	1,447	12,563	11,053
542	2	6,616	10,659	467	1,266	12,392	11,766	291	951	13,008	1,869
543	2	32,908	5,517	2,124	6,820	14,461	9,757	2,696	9,284	21,736	9,296
544	2	4,699	1,660	211	1,083	2,955	4,614	178	775	5,566	1,327
545	2	16,125	1,461	1,266	3,898	6,625	2,725	910	3,149	6,785	4,555
546	2	5,641	2,328	63	426	2,817	2,146	81	601	2,828	1,594
547	2	6,157	1,643	391	1,190	3,225	1,860	446	1,421	3,727	1,739
548	2	3,437	993	228	906	2,126	1,705	324	1,367	3,396	971
549	2	14,025	3,183	655	3,324	7,162	3,375	563	3,216	7,154	3,962
550	2	45,223	8,697	2,609	7,771	19,077	4,503	1,314	4,972	10,789	12,775
551	2	46,866	8,984	3,394	7,258	19,636	6,236	2,312	7,673	16,222	13,240
552	2	7,661	1,420	961	744	3,126	3,376	257	873	4,506	2,164
553	2	37,989	4,934	3,152	7,624	15,710	1,674	1,577	5,399	8,651	10,732
554	2	85,149	17,993	5,650	11,038	34,682	12,047	2,808	4,738	19,593	24,055
555	2	18,194	2,195	996	4,918	8,108	1,139	1,203	2,835	5,176	5,140
556	2	36,107	6,268	1,993	7,324	15,584	8,462	2,409	2,923	13,793	10,200
557	2	11,001	2,121	1,300	1,974	5,394	3,336	2,059	2,545	7,941	3,108
558	2	14,832	5,498	692	1,761	7,951	4,526	1,547	2,820	8,894	4,190
559	2	21,717	4,339	782	5,549	10,670	5,201	2,020	3,503	10,724	6,135
560	2	60,884	15,480	3,277	10,428	29,185	21,418	2,093	7,982	31,493	17,200
561	2	21,217	4,437	860	3,459	8,755	5,994	826	1,868	8,688	5,994
562	2	48,347	8,358	4,540	5,351	18,248	10,198	4,705	7,925	22,828	13,658
563	2	10,325	3,712	133	517	4,362	1,246	1,875	1,569	4,690	2,917
564	2	36,313	5,363	2,654	6,295	14,313	6,150	2,325	3,663	12,137	10,258
565	2	46,678	6,907	3,412	8,093	18,412	7,783	2,877	4,533	15,193	13,187
566	2	439	612	62	75	748	1,701	285	1,448	3,434	124
567	2	11,206	3,209	518	1,775	5,502	2,719	2,901	1,833	7,453	3,166
568	2	50,274	14,848	1,409	4,709	20,967	7,605	3,463	8,984	20,051	14,202
569	2	8,729	1,772	664	831	3,267	1,266	258	1,497	3,020	2,466
570	2	9,551	1,744	688	1,219	3,651	508	864	1,997	3,370	2,698
571	2	17,859	4,339	695	2,248	7,282	3,631	721	1,507	5,859	5,045
572	2	8,591	1,197	675	1,390	3,261	593	1,125	984	2,701	2,427
573	2	11,315	2,023	782	1,604	4,409	2,909	320	1,362	4,591	3,196
574	2	14,538	2,277	903	2,684	5,864	1,689	821	2,179	4,688	4,107
575	2	11,638	2,061	804	1,650	4,515	3,049	418	975	4,442	3,288
576	2	78,506	20,426	2,706	9,447	32,579	15,913	3,800	5,327	25,039	22,178
577	2	44,756	12,547	1,279	6,040	19,867	6,288	1,510	4,990	12,788	12,644
578	2	5,617	1,686	236	1,252	3,174	1,754	273	812	2,839	1,587
579	2	5,387	360	573	1,129	2,062	391	376	728	1,494	1,522
580	2	28,428	6,123	4,049	-	10,172	6,137	803	2,149	9,089	8,031
581	2	70,188	12,058	4,457	15,712	32,227	8,188	2,329	7,527	18,045	19,828
582	2	48,364	8,595	3,256	10,460	22,311	9,889	4,743	6,036	20,668	13,663
583	2	14,853	2,237	1,000	3,212	6,450	2,909	1,478	1,881	6,269	4,196
584	2	14,083	1,923	948	3,046	5,917	1,829	1,047	1,333	4,209	3,979
585	2	11,378	1,575	766	2,461	4,802	1,458	828	1,053	3,339	3,214
586	2	21,007	2,910	1,414	4,543	8,867	3,102	1,696	2,159	6,957	5,934
587	2	28,948	4,290	1,838	6,481	12,609	1,970	1,305	6,241	9,517	8,178
588	2	8,953	2,939	276	886	4,101	641	452	2,264	3,357	2,529
589	2	7,891	311	544	2,600	3,455	318	319	1,653	2,290	2,229
590	2	3,593	512	315	623	1,451	430	289	1,800	2,519	1,015
591	2	5,626	921	606	437	1,964	279	156	474	909	1,589
592	3	2,922	461	541	138	1,140	309	1,139	2,229	3,676	826

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
593	3	28,789	2,447	3,524	6,749	12,720	7,766	4,911	7,515	20,193	8,133
594	3	-	0	0	0	0	0	-	-	0	-
595	3	10,290	2,789	1,722	2,744	7,255	8,808	3,211	4,206	16,225	2,907
596	3	3,184	259	184	1,517	1,960	354	470	782	1,606	900
597	3	6,740	951	1,108	1,304	3,362	1,095	1,137	2,458	4,690	1,904
598	3	5,457	869	956	1,057	2,882	782	992	2,153	3,927	1,542
599	3	6,884	955	930	1,040	2,924	1,231	1,270	2,977	5,479	1,945
600	3	33,940	9,130	2,263	2,722	14,114	3,097	5,324	11,774	20,195	9,588
601	3	23,665	1,757	2,971	6,856	11,585	10,243	3,988	5,722	19,953	6,685
602	3	44,730	4,531	7,171	7,666	19,368	5,961	8,088	9,782	23,831	12,636
603	3	43,435	10,174	5,947	6,958	23,078	6,775	2,181	4,637	13,593	12,270
604	3	12,108	2,558	2,480	1,403	6,441	2,958	3,656	2,664	9,278	3,421
605	3	10,021	2,099	422	1,647	4,167	348	574	1,440	2,362	2,831
606	3	29,786	7,456	3,606	3,282	14,344	4,530	3,959	2,530	11,018	8,414
607	3	58,187	6,306	7,072	13,758	27,136	4,935	7,453	8,107	20,495	16,438
608	3	57,382	4,590	8,164	11,990	24,744	2,167	3,453	6,622	12,241	16,210
609	3	35,538	5,696	5,130	5,808	16,634	6,303	8,422	5,205	19,930	10,040
610	3	20,022	5,556	608	3,243	9,407	2,664	3,385	1,933	7,982	5,656
611	3	15,799	2,222	1,255	3,753	7,230	1,258	1,312	1,763	4,333	4,463
612	3	20,087	5,031	2,464	3,868	11,363	3,443	4,981	4,379	12,802	5,675
613	3	8,450	668	1,171	2,016	3,855	486	857	1,595	2,938	2,387
614	3	33,412	5,896	5,816	3,358	15,070	3,068	5,738	5,079	13,886	9,439
615	3	1,231	506	407	275	1,188	6,321	1,907	3,136	11,365	348
616	3	1,569	870	650	356	1,877	5,618	1,584	2,575	9,777	443
617	3	15,891	1,811	2,500	3,410	7,721	3,898	1,098	1,775	6,771	4,489
618	3	9,477	1,871	1,953	2,057	5,881	9,350	2,737	4,411	16,498	2,677
619	3	1,00,776	12,719	15,282	12,915	40,916	841	2,174	3,937	6,952	28,469
620	3	15,055	2,389	1,779	1,879	6,047	366	1,105	1,535	3,006	4,253
621	3	11,740	1,662	1,654	2,036	5,352	1,077	1,593	2,546	5,216	3,317
622	3	11,387	2,466	649	2,085	5,200	1,186	672	1,719	3,578	3,217
623	3	25,524	8,171	1,957	2,178	12,306	6,250	2,014	4,102	12,366	7,211
624	3	10,261	3,071	1,226	1,913	6,210	1,775	533	2,134	4,441	2,899
625	3	27,205	8,089	1,138	2,820	12,046	2,531	3,037	1,798	7,366	7,686
626	3	31,807	4,171	2,694	7,890	14,755	3,513	861	4,380	8,754	8,986
627	3	14,007	2,600	895	2,824	6,319	2,026	1,277	3,887	7,190	3,957
628	3	8,916	2,271	102	1,531	3,903	1,200	446	1,809	3,454	2,519
629	3	21,866	2,744	2,020	5,575	10,339	2,158	1,723	7,923	11,804	6,177
630	3	31,103	3,989	1,786	8,071	13,846	6,382	2,324	8,016	16,722	8,787
631	3	25,577	3,674	3,524	5,418	12,616	5,903	7,029	10,152	23,084	7,226
632	3	31,692	5,038	1,309	8,271	14,617	7,309	3,565	9,388	20,262	8,953
633	3	14,602	2,399	2,344	2,193	6,936	3,423	3,168	5,804	12,395	4,125
634	3	16,884	2,951	1,255	3,985	8,190	2,337	2,074	5,175	9,586	4,770
635	3	16,766	2,621	1,243	3,529	7,393	1,963	2,585	2,530	7,078	4,736
636	3	27,588	5,142	2,890	3,147	11,179	1,578	1,501	8,094	11,173	7,794
637	3	10,562	985	2,066	2,452	5,503	1,972	2,294	4,693	8,959	2,984
638	3	16,837	5,611	341	644	6,596	2,101	1,071	4,813	7,985	4,757
639	3	31,055	1,482	4,313	8,347	14,142	1,211	1,191	5,574	7,975	8,773
640	2	51,416	8,426	3,280	10,901	22,607	5,230	200	1,509	6,939	14,525
1,001	11	17,928	2,830	3,590	1,742	8,162	1,926	1,068	1,332	4,325	5,065
1,002	11	12,290	1,811	3,038	1,509	6,358	1,812	579	1,459	3,850	3,472
1,003	11	7,625	714	1,818	926	3,458	572	175	691	1,438	2,154
1,004	11	37,812	10,597	4,734	2,684	18,015	4,796	2,776	2,695	10,267	10,682
1,005	11	3,316	1,239	141	194	1,574	122	182	297	601	937
1,006	11	8,606	1,892	1,203	1,184	4,279	316	251	826	1,392	2,431
1,007	11	7,135	1,306	840	797	2,943	428	407	1,373	2,207	2,016
1,008	11	16,494	3,015	1,908	1,908	6,831	825	715	2,868	4,408	4,660
1,009	11	3,663	620	392	393	1,404	203	182	747	1,133	1,035
1,010	11	4,463	828	533	504	1,866	205	184	702	1,092	1,261
1,011	11	22,769	5,008	3,713	2,729	11,450	783	718	1,526	3,027	6,432
1,012	11	20,497	4,464	3,329	2,229	10,021	1,844	1,021	1,749	4,615	5,790
1,013	11	4,664	763	556	481	1,801	446	373	444	1,263	1,318
1,014	11	5,653	1,019	747	596	2,362	561	350	453	1,364	1,597
1,015	11	6,504	1,279	951	635	2,866	855	387	477	1,719	1,837
1,016	11	8,460	1,523	1,028	1,444	3,996	3,621	4,489	4,777	12,886	2,390
1,017	11	16,014	2,537	1,714	2,396	6,647	1,695	1,228	1,672	4,595	4,524
1,018	11	5,925	818	506	1,102	2,425	639	861	1,068	2,567	1,674
1,019	11	4,087	578	353	810	1,741	248	336	476	1,060	1,155
1,020	11	9,805	1,302	804	1,759	3,865	942	1,274	1,613	3,830	2,770
1,021	11	8,781	1,100	1,256	1,150	3,506	492	265	1,038	1,795	2,481
1,022	11	48,041	9,947	3,756	5,753	19,456	1,068	2,545	4,225	7,838	13,572
1,023	11	19,368	4,116	1,550	2,383	8,050	622	1,535	2,232	4,389	5,472
1,024	11	24,990	3,795	2,877	3,611	10,282	2,235	2,200	4,168	8,603	7,060
1,025	11	31	7	5	2	15	2	3	1	6	9
1,026	11	29,813	4,745	3,597	4,591	12,933	906	842	2,258	4,006	8,422
1,027	11	25,773	3,773	6,148	1,880	11,801	2,121	2,054	1,806	5,981	7,281

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,028	11	25,945	2,726	7,337	1,869	11,932	2,212	1,853	2,023	6,088	7,329
1,029	11	16,509	4,368	2,304	1,040	7,712	1,528	2,080	1,634	5,241	4,664
1,030	11	10,478	3,233	929	414	4,575	502	369	911	1,782	2,960
1,031	11	17,705	5,600	1,417	629	7,646	753	654	1,728	3,134	5,002
1,032	11	39,674	10,675	5,159	2,324	18,158	3,480	4,044	3,137	10,661	11,208
1,033	11	13,763	3,102	2,387	1,048	6,537	1,356	1,471	825	3,653	3,888
1,034	11	28,951	6,206	4,869	2,016	13,090	2,833	871	3,107	6,812	8,179
1,035	11	10,141	2,256	1,761	741	4,758	1,943	575	1,906	4,424	2,865
1,036	11	21,664	4,787	3,702	1,600	10,089	1,871	1,925	1,532	5,328	6,120
1,037	11	8,903	1,890	1,496	603	3,989	211	62	526	799	2,515
1,038	11	5,830	1,260	985	412	2,657	413	266	445	1,125	1,647
1,039	11	7,211	1,619	1,244	548	3,411	808	797	576	2,181	2,037
1,040	11	9,532	1,300	1,364	1,435	4,100	260	144	557	961	2,693
1,041	11	4,940	677	707	740	2,124	137	79	289	505	1,395
1,042	11	13,667	1,973	2,073	2,185	6,231	412	262	855	1,529	3,861
1,043	11	17,545	2,679	2,551	2,275	7,505	1,361	540	1,218	3,120	4,957
1,044	11	21,132	3,309	3,109	2,700	9,118	1,680	679	1,450	3,809	5,970
1,045	11	38,114	6,767	5,892	4,291	16,950	3,857	3,144	3,187	10,188	10,767
1,046	11	10,455	1,531	1,537	1,510	4,578	315	238	587	1,140	2,954
1,047	11	16,704	3,339	2,765	1,742	7,846	1,675	1,684	1,007	4,366	4,719
1,048	11	25,019	4,052	3,635	2,851	10,538	1,957	1,766	1,854	5,577	7,068
1,049	11	14,310	2,266	2,190	2,008	6,464	1,070	619	1,246	2,934	4,043
1,050	11	5,673	932	544	1,028	2,504	553	158	696	1,407	1,603
1,051	11	10,548	1,730	1,032	1,811	4,573	781	247	995	2,024	2,980
1,052	11	3,731	662	388	722	1,771	215	65	308	587	1,054
1,053	11	3,718	631	365	707	1,704	272	78	372	722	1,050
1,054	11	6,459	1,053	614	1,162	2,828	503	139	667	1,309	1,825
1,055	11	14,124	2,256	1,348	2,352	5,955	1,100	285	1,277	2,662	3,990
1,056	11	14,450	2,491	1,561	2,288	6,340	1,622	467	1,626	3,715	4,082
1,057	11	19,294	3,528	2,279	2,950	8,757	2,502	666	2,012	5,179	5,451
1,058	11	10,852	1,709	995	1,891	4,596	593	172	887	1,652	3,066
1,059	11	4,574	1,298	181	299	1,777	147	117	726	991	1,292
1,060	11	10,544	3,359	597	797	4,754	969	814	4,273	6,056	2,979
1,061	11	11,855	3,994	572	922	5,488	356	282	1,705	2,343	3,349
1,062	11	5,507	1,562	226	361	2,149	244	193	1,158	1,595	1,556
1,063	11	12,014	3,148	1,017	831	4,996	1,176	464	1,826	3,466	3,394
1,064	11	17,167	4,185	599	966	5,750	460	370	2,326	3,155	4,850
1,065	11	15,165	3,671	744	888	5,303	831	453	2,423	3,707	4,284
1,066	11	14,923	4,073	810	982	5,865	791	410	2,111	3,312	4,216
1,067	11	12,197	3,127	481	728	4,337	391	245	1,526	2,162	3,446
1,068	11	15,909	4,276	573	980	5,830	301	218	1,607	2,127	4,494
1,069	11	9,928	2,655	823	695	4,174	927	369	1,512	2,808	2,805
1,070	11	6,455	1,691	632	463	2,786	678	283	888	1,849	1,823
1,071	11	18,633	5,002	1,203	1,245	7,450	1,107	299	1,466	2,871	5,264
1,072	11	9,645	2,659	437	624	3,720	365	300	1,670	2,335	2,725
1,073	11	37,403	7,743	5,701	3,925	17,369	7,251	1,696	2,518	11,465	10,566
1,074	11	6,337	878	550	1,078	2,505	821	175	550	1,546	1,790
1,075	11	2,593	359	225	441	1,025	339	62	224	625	732
1,076	11	26,106	5,294	3,778	3,015	12,087	4,111	1,870	2,250	8,231	7,375
1,077	11	9,797	1,629	1,445	1,343	4,416	1,120	495	678	2,293	2,768
1,078	11	7,828	990	1,119	1,733	3,842	770	236	728	1,735	2,211
1,079	11	916	213	162	74	449	55	97	45	198	259
1,080	11	14,218	1,677	1,961	3,183	6,821	1,685	477	1,652	3,814	4,017
1,081	11	9,002	2,578	1,881	542	5,002	744	221	1,947	2,912	2,543
1,082	11	19,935	3,495	1,771	2,397	7,663	1,016	737	3,486	5,239	5,632
1,083	11	7,609	1,375	912	777	3,064	517	570	898	1,985	2,150
1,084	11	4,922	885	574	528	1,988	251	346	566	1,162	1,391
1,085	11	1,896	373	260	183	816	208	130	193	531	535
1,086	11	13,832	2,750	1,130	1,986	5,866	722	1,226	1,765	3,713	3,907
1,087	11	10,251	1,593	942	1,624	4,159	581	744	900	2,226	2,896
1,088	11	12,722	1,773	882	2,474	5,130	162	1,198	1,391	2,751	3,594
1,089	11	4,355	735	457	661	1,854	334	262	331	927	1,230
1,090	11	20,814	2,895	1,482	3,870	8,247	2,876	3,888	4,001	10,765	5,880
1,091	11	15,690	3,296	856	2,844	6,996	1,100	593	1,283	2,976	4,432
1,092	11	16,470	3,465	926	2,964	7,355	1,223	612	1,345	3,179	4,653
1,093	11	14,026	2,831	431	2,758	6,020	729	478	1,262	2,468	3,962
1,094	11	14,543	2,981	931	2,411	6,323	1,295	612	1,258	3,165	4,108
1,095	11	3,509	722	327	479	1,527	559	163	351	1,074	991
1,096	11	12,216	2,498	754	2,046	5,298	1,006	563	1,064	2,632	3,451
1,097	11	7,986	1,654	781	1,064	3,499	1,230	399	781	2,411	2,256
1,098	11	15,334	3,046	401	3,033	6,480	2,510	1,687	3,742	7,939	4,332
1,099	11	12,136	2,334	500	2,123	4,957	1,958	1,157	2,500	5,615	3,429
1,100	11	13,832	2,703	345	2,702	5,749	757	489	1,333	2,578	3,908
1,101	11	16,978	3,534	989	2,976	7,499	1,058	996	1,431	3,485	4,796
1,102	11	6,642	1,210	108	1,258	2,575	1,425	972	2,111	4,508	1,876

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,103	11	19,502	3,855	428	3,919	8,202	915	564	1,696	3,175	5,509
1,104	11	11,628	2,287	350	2,226	4,863	639	442	1,103	2,184	3,285
1,105	11	11,300	2,232	379	2,133	4,745	623	437	1,059	2,119	3,192
1,106	11	13,762	2,827	905	2,263	5,996	1,294	579	1,189	3,063	3,888
1,107	11	2,930	578	401	279	1,259	343	103	278	724	828
1,108	11	3,474	604	384	364	1,353	188	86	387	660	981
1,109	11	6,798	1,306	887	668	2,862	876	302	959	2,137	1,921
1,110	11	12,248	2,082	1,319	1,263	4,664	770	352	1,582	2,703	3,460
1,111	11	6,899	1,149	736	682	2,567	754	355	1,388	2,497	1,949
1,112	11	1,597	293	186	176	655	114	52	225	392	451
1,113	11	3,958	755	511	391	1,658	504	175	569	1,247	1,118
1,114	11	4,077	808	563	387	1,758	495	143	384	1,021	1,152
1,251	7	281	48	20	49	118	15	21	14	51	79
1,252	7	3,704	626	362	568	1,556	216	537	180	933	1,046
1,253	7	4,462	506	1,063	246	1,815	303	486	275	1,064	1,260
1,254	7	2,912	294	743	135	1,173	192	102	195	489	823
1,255	7	4,557	698	753	447	1,898	191	384	302	877	1,287
1,256	7	3,223	968	571	73	1,612	337	222	381	939	911
1,257	7	6,288	387	666	1,483	2,536	292	824	251	1,367	1,776
1,258	7	5,434	700	520	1,033	2,253	468	592	217	1,277	1,535
1,259	7	6,495	923	686	1,095	2,704	348	653	388	1,389	1,835
1,260	7	2,842	355	328	490	1,173	233	203	98	534	803
1,261	7	1,335	160	97	294	551	45	97	78	221	377
1,262	7	1,954	261	194	357	812	136	189	82	407	552
1,263	7	1,231	159	105	246	510	88	140	56	284	348
1,264	7	2,259	307	239	394	940	180	336	99	615	638
1,265	7	2,020	284	241	318	843	127	245	79	450	571
1,266	7	1,514	231	236	169	635	84	75	44	204	428
1,267	7	4,684	403	145	1,365	1,913	455	107	216	777	1,323
1,268	7	41	6	7	4	17	5	13	2	19	11
1,269	7	4,732	363	477	1,079	1,920	404	288	223	915	1,337
1,270	7	7,270	444	632	1,853	2,928	611	272	362	1,245	2,054
1,271	7	3,696	426	225	871	1,522	374	49	193	616	1,044
1,272	7	5,050	365	280	1,403	2,047	159	169	460	788	1,427
1,273	7	7,318	861	491	1,664	3,016	364	501	486	1,350	2,067
1,274	7	4,527	916	267	745	1,928	196	410	318	924	1,279
1,275	7	2,513	512	139	420	1,071	110	201	179	490	710
1,276	7	938	190	54	155	400	42	41	64	148	265
1,277	7	6,010	1,180	410	965	2,554	250	502	451	1,203	1,698
1,278	7	3,886	479	318	809	1,607	118	284	282	684	1,098
1,279	7	2,124	644	202	88	933	198	52	105	354	600
1,280	7	7,945	2,003	715	729	3,448	349	543	258	1,150	2,244
1,281	7	6,018	1,570	493	555	2,618	386	443	241	1,069	1,700
1,282	7	2,475	726	130	233	1,088	178	149	109	437	699
1,283	7	1,304	387	64	123	573	95	82	58	235	368
1,284	7	23,831	3,459	3,932	2,519	9,910	1,958	2,198	1,189	5,345	6,732
1,285	7	35,434	6,311	4,842	3,826	14,978	3,476	4,788	1,558	9,822	10,010
1,286	7	9,461	1,921	806	1,291	4,018	480	588	525	1,592	2,673
1,287	7	57,629	9,340	6,390	8,335	24,065	2,566	3,286	3,848	9,700	16,280
1,288	7	42,835	8,824	4,205	5,190	18,219	1,999	2,899	2,970	7,868	12,101
1,289	7	75,269	13,070	11,411	7,318	31,799	4,778	1,077	2,759	8,614	21,263
1,290	7	33,533	5,578	5,488	3,079	14,145	2,265	325	994	3,584	9,473
1,291	7	15,293	2,652	1,824	1,951	6,426	1,097	633	909	2,639	4,320
1,292	7	8,305	1,991	1,427	130	3,548	257	267	744	1,267	2,346
1,293	7	5,344	1,276	918	88	2,282	171	195	475	842	1,510
1,294	7	7,566	1,779	1,301	150	3,229	242	385	655	1,282	2,138
1,295	7	4,101	998	704	51	1,753	119	133	379	632	1,159
1,296	7	10,713	2,617	1,838	123	4,579	311	316	998	1,625	3,026
1,297	7	9,648	1,679	1,169	1,195	4,043	317	482	734	1,533	2,725
1,298	7	10,818	1,877	1,331	1,326	4,534	350	596	806	1,752	3,056
1,299	7	17,862	3,127	2,096	2,259	7,482	555	872	1,424	2,852	5,046
1,300	7	513	84	83	49	216	29	69	18	117	145
1,301	7	5,173	901	623	644	2,168	318	255	273	846	1,461
1,302	7	2,758	470	371	316	1,157	173	267	132	572	779
1,303	7	4,222	717	577	478	1,772	236	299	191	726	1,193
1,304	7	10,163	2,241	755	1,343	4,339	556	285	792	1,634	2,871
1,305	7	8,913	1,980	639	1,189	3,808	485	227	707	1,418	2,518
1,306	7	15,493	2,909	1,416	2,205	6,531	1,107	774	807	2,688	4,377
1,307	7	11,539	2,166	1,059	1,640	4,864	821	596	601	2,017	3,260
1,308	7	10,406	1,936	1,006	1,444	4,386	722	603	528	1,852	2,940
1,309	7	21,005	3,947	1,914	2,994	8,855	1,495	1,047	1,096	3,637	5,934
1,310	7	10,572	1,992	948	1,517	4,456	758	525	557	1,839	2,987
1,311	7	7,794	1,450	753	1,082	3,285	540	428	394	1,363	2,202
1,312	7	8,901	1,674	806	1,272	3,752	637	426	465	1,528	2,515
1,313	7	27,077	5,097	2,441	3,877	11,414	1,935	1,351	1,421	4,708	7,649

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,314	7	8,264	1,559	736	1,190	3,485	593	407	437	1,437	2,335
1,315	7	14,123	2,649	1,301	2,003	5,953	1,002	716	733	2,451	3,990
1,316	7	5,045	898	851	368	2,117	338	340	293	971	1,425
1,317	7	5,370	962	904	387	2,252	287	424	321	1,032	1,517
1,318	7	8,595	1,518	1,454	636	3,607	619	678	485	1,782	2,428
1,319	7	8,269	1,431	1,408	633	3,473	710	837	431	1,978	2,336
1,320	7	16,066	2,985	2,669	1,076	6,730	748	784	1,118	2,651	4,539
1,321	7	23,255	4,344	3,855	1,539	9,738	1,081	1,090	1,658	3,828	6,570
1,322	7	18,103	3,363	3,007	1,212	7,582	843	962	1,264	3,070	5,114
1,323	7	8,162	1,485	1,366	570	3,421	385	472	519	1,376	2,306
1,324	7	55,875	13,821	4,769	5,469	24,059	2,127	2,085	4,770	8,982	15,785
1,325	7	50,007	6,083	6,604	7,829	20,516	2,287	1,768	3,958	8,014	14,127
1,326	7	49,345	8,655	8,114	4,055	20,824	3,777	2,338	2,258	8,372	13,940
1,327	7	12,209	2,294	1,908	958	5,160	935	1,152	782	2,870	3,449
1,328	7	5,089	933	810	406	2,149	447	495	301	1,243	1,438
1,329	7	29,843	8,476	2,082	2,483	13,041	1,516	1,032	2,211	4,759	8,431
1,330	7	2,495	667	213	202	1,082	141	134	148	423	705
1,331	7	4,712	1,222	435	384	2,041	283	317	272	872	1,331
1,332	7	7,410	1,977	638	601	3,216	416	370	437	1,224	2,093
1,333	7	7,276	1,942	626	590	3,158	410	362	430	1,201	2,055
1,334	7	1,744	398	165	183	746	87	137	100	325	493
1,335	7	1,789	407	171	188	767	100	143	103	345	506
1,336	7	2,992	708	254	321	1,284	152	204	183	538	845
1,337	7	8,769	2,002	830	922	3,754	478	659	507	1,644	2,477
1,338	7	4,790	681	669	632	1,983	225	352	297	874	1,353
1,339	7	4,909	695	679	656	2,031	228	322	309	859	1,387
1,340	7	2,533	362	357	331	1,049	120	146	152	418	716
1,341	7	6,046	853	829	818	2,500	282	350	386	1,018	1,708
1,342	7	517	77	80	59	216	29	96	27	153	146
1,343	7	6,241	882	861	838	2,582	289	429	396	1,114	1,763
1,344	7	12,884	2,214	1,880	1,340	5,434	1,200	2,123	544	3,867	3,640
1,345	7	17,039	3,299	1,616	2,290	7,206	475	2,030	927	3,433	4,814
1,346	7	11,695	2,268	1,101	1,577	4,946	221	1,722	650	2,593	3,304
1,347	7	15,025	2,909	1,425	2,020	6,354	1,009	1,483	992	3,484	4,244
1,348	7	2,423	473	222	331	1,025	161	201	162	523	684
1,349	7	8,566	1,652	828	1,142	3,622	217	812	607	1,636	2,420
1,350	7	11,606	2,102	1,327	1,446	4,875	531	1,009	699	2,239	3,279
1,351	7	3,545	637	419	433	1,490	184	332	208	724	1,001
1,352	7	7,126	1,397	636	981	3,015	148	300	730	1,178	2,013
1,353	7	5,260	1,014	510	700	2,224	231	363	436	1,030	1,486
1,354	7	5,548	1,080	511	754	2,346	227	265	402	894	1,567
1,355	7	12,461	2,430	1,140	1,700	5,270	539	785	918	2,242	3,520
1,356	7	8,643	1,692	776	1,188	3,656	372	503	643	1,518	2,442
1,357	7	5,661	1,111	501	782	2,395	111	102	610	823	1,599
1,358	7	5,305	1,036	985	220	2,241	404	404	315	1,122	1,499
1,359	7	45,548	9,740	6,155	3,419	19,313	1,896	1,284	4,082	7,262	12,867
1,360	7	8,681	1,630	944	1,095	3,669	389	461	677	1,527	2,452
1,361	7	17,919	3,737	2,338	1,521	7,596	734	1,079	1,285	3,098	5,062
1,362	7	7,849	1,624	1,035	667	3,327	326	519	553	1,398	2,217
1,363	7	15,057	3,152	1,954	1,278	6,384	616	801	1,058	2,474	4,254
1,364	7	48,827	10,412	6,165	4,137	20,713	2,035	2,604	3,741	8,379	13,794
1,365	7	4,533	857	665	400	1,922	479	567	215	1,261	1,281
1,366	7	6,467	1,471	713	583	2,767	398	344	407	1,150	1,827
1,367	7	9,168	1,940	1,149	819	3,909	725	737	517	1,978	2,590
1,368	7	3,099	607	277	426	1,310	102	117	264	482	875
1,369	7	12,068	2,567	999	1,577	5,142	738	361	860	1,959	3,409
1,370	7	3,469	694	222	559	1,474	143	82	303	528	980
1,371	7	10,436	2,307	628	1,527	4,462	438	162	983	1,583	2,948
1,372	7	8,540	1,817	646	1,181	3,644	465	337	652	1,454	2,413
1,373	7	8,528	1,843	593	1,206	3,642	241	801	776	1,819	2,409
1,374	7	2,451	566	317	165	1,048	131	248	196	575	692
1,375	7	4,106	846	362	541	1,749	191	412	353	956	1,160
1,376	7	3,840	884	544	213	1,640	228	123	287	638	1,085
1,377	7	3,442	628	455	375	1,458	317	379	223	919	972
1,378	7	6,879	1,427	1,200	283	2,909	276	357	578	1,211	1,943
1,379	7	7,276	1,491	658	951	3,099	346	452	561	1,359	2,056
1,380	7	1,423	263	171	167	601	96	106	60	261	402
1,381	7	3,335	570	501	336	1,407	335	468	128	932	942
1,382	7	3,214	583	408	366	1,358	227	337	135	698	908
1,383	7	10,428	1,828	1,466	1,108	4,402	875	1,672	431	2,979	2,946
1,384	7	1,568	1,992	1,969	1,137	5,097	1,430	84	144	1,659	443
1,385	7	5,562	943	842	561	2,346	474	593	195	1,263	1,571
1,386	7	7,882	1,234	725	1,328	3,288	346	1,343	526	2,216	2,227
1,387	7	21,210	3,284	1,849	3,618	8,750	1,426	2,532	1,902	5,861	5,992
1,388	7	10,862	1,797	1,081	1,907	4,785	743	1,873	997	3,613	3,069

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,389	7	5,553	802	493	841	2,136	347	962	459	1,768	1,569
1,390	7	6,843	1,084	576	1,230	2,889	470	731	645	1,845	1,933
1,391	7	11,316	1,791	1,563	1,391	4,746	948	2,121	556	3,625	3,197
1,392	7	1,630	256	171	254	681	77	94	91	262	461
1,393	7	3,838	604	421	580	1,605	171	595	223	990	1,084
1,394	7	5,303	833	543	840	2,215	235	511	310	1,056	1,498
1,395	7	10,281	1,613	1,016	1,663	4,291	451	924	613	1,989	2,904
1,396	7	2,277	358	243	350	951	102	186	127	415	643
1,397	7	5,110	806	636	697	2,140	335	667	263	1,264	1,444
1,398	7	4,997	784	505	798	2,087	225	335	288	848	1,412
1,399	7	3,016	473	309	477	1,259	140	196	172	508	852
1,400	7	3,155	497	382	441	1,320	195	372	164	731	891
1,401	7	8,840	1,382	744	1,557	3,683	377	601	575	1,553	2,497
1,402	7	5,539	870	591	853	2,314	292	599	319	1,210	1,565
1,403	7	-	-	-	-	-	-	-	-	-	-
1,404	7	27,436	4,315	2,861	4,300	11,476	1,415	3,891	1,656	6,962	7,751
1,405	7	2	0	0	0	1	0	1	0	1	0
1,406	7	11,283	1,767	1,039	1,901	4,707	478	1,097	711	2,286	3,187
1,407	7	8,789	1,326	1,120	1,069	3,516	666	1,925	545	3,136	2,483
1,408	7	4,780	754	591	657	2,002	258	990	263	1,511	1,350
1,409	7	3,981	629	509	530	1,668	239	1,046	224	1,509	1,125
1,410	7	10,749	1,687	1,081	1,720	4,488	471	1,586	664	2,721	3,037
1,411	7	2,689	423	309	392	1,125	120	288	144	552	760
1,412	7	4,643	726	388	821	1,935	196	311	303	810	1,312
1,413	7	2,174	341	211	355	908	107	230	134	470	614
1,414	7	2,838	450	412	330	1,191	225	86	108	419	802
1,415	7	26,461	4,151	2,603	4,293	11,046	1,210	2,319	1,584	5,114	7,475
1,416	7	10,185	765	852	2,502	4,119	457	689	648	1,793	2,877
1,417	7	43,160	6,803	7,448	3,911	18,162	3,067	113	1,035	4,215	12,193
1,418	7	13,008	1,052	1,168	3,055	5,275	583	1,908	844	3,335	3,675
1,419	7	8,892	693	770	2,138	3,602	401	649	557	1,607	2,512
1,420	7	8,261	616	686	2,004	3,305	590	884	739	2,213	2,334
1,421	7	12,360	1,534	1,686	1,899	5,119	818	1,846	573	3,237	3,492
1,422	7	9,065	775	860	2,050	3,685	449	1,089	559	2,098	2,561
1,423	7	1,966	174	193	433	800	88	378	125	591	555
1,424	7	1,870	149	165	381	695	116	348	150	614	528
1,425	7	6,110	481	535	1,460	2,475	281	415	379	1,075	1,726
1,426	7	3,146	227	251	573	1,051	173	446	228	847	889
1,427	7	9,445	799	886	2,152	3,837	483	896	575	1,954	2,668
1,428	7	18,511	2,462	2,703	2,535	7,699	1,120	2,255	752	4,127	5,229
1,429	7	3,582	9,160	10,326	5,557	25,043	5,047	468	383	5,899	1,012
1,430	7	16,780	4,881	6,743	5,342	16,967	1,945	2,384	744	5,073	4,740
1,431	7	7,082	764	1,081	884	2,729	232	1,132	261	1,625	2,001
1,432	7	22,113	1,312	3,279	4,250	8,841	400	3,082	865	4,347	6,247
1,433	7	13,011	1,810	3,067	3,068	7,944	645	1,815	530	2,989	3,676
1,434	7	13,757	3,556	5,040	4,137	12,733	1,618	1,918	606	4,142	3,886
1,435	7	-	1,344	1,472	731	3,547	711	-	35	747	-
1,436	7	-	1,378	1,508	750	3,636	1,023	-	51	1,074	-
1,437	7	672	3,214	3,575	1,857	8,646	1,886	87	118	2,091	190
1,438	7	4,541	433	635	544	1,611	135	1,233	193	1,561	1,283
1,439	7	1,10,986	8,662	16,811	19,340	44,813	3,748	15,122	4,703	23,573	31,353
1,440	7	37,249	4,248	6,025	5,055	15,328	2,797	7,272	1,539	11,608	10,523
1,441	7	4,984	295	624	762	1,681	189	811	258	1,259	1,408
1,442	7	7,046	484	1,048	1,299	2,831	205	1,025	317	1,547	1,991
1,443	7	14,969	1,698	2,419	2,041	6,158	1,162	2,502	601	4,265	4,229
1,444	7	11,181	1,222	1,793	1,575	4,590	786	2,036	455	3,276	3,159
1,445	7	17,839	1,774	2,811	2,699	7,284	854	3,416	758	5,028	5,039
1,446	7	13,772	1,831	2,302	1,589	5,722	1,275	2,471	520	4,265	3,890
1,447	7	497	65	82	58	205	25	270	27	322	140
1,448	7	45,430	6,288	7,503	4,657	18,448	4,261	11,963	1,916	18,140	12,834
1,449	7	3,079	464	525	286	1,275	256	949	126	1,330	870
1,450	7	13,659	1,786	2,274	1,608	5,669	798	4,233	641	5,672	3,859
1,451	7	18,301	2,630	3,064	1,800	7,495	1,739	5,012	759	7,509	5,170
1,452	7	23,381	2,532	3,743	3,317	9,592	1,206	5,126	986	7,318	6,605
1,453	7	14,937	2,348	2,600	1,335	6,284	1,643	4,019	577	6,239	4,220
1,454	7	64,436	7,420	10,443	8,668	26,530	3,091	15,696	2,840	21,627	18,203
1,455	7	30,516	2,455	4,643	5,239	12,338	1,017	3,747	1,243	6,006	8,621
1,456	7	18,898	1,954	2,999	2,780	7,733	865	4,806	921	6,592	5,339
1,457	7	53,685	4,548	7,892	9,367	21,806	841	8,336	3,122	12,299	15,166
1,458	7	10,355	1,415	1,722	1,180	4,316	371	1,613	404	2,388	2,925
1,459	7	85,067	10,075	13,567	11,486	35,128	10,534	24,634	4,688	39,856	24,032
1,551	4	64,143	11,858	13,435	6,262	31,554	5,190	4,706	2,141	12,036	18,120
1,552	4	8,755	1,577	1,787	831	4,196	395	1,169	273	1,837	2,473
1,553	4	59,283	11,703	13,665	5,325	30,692	6,015	1,991	1,534	9,540	16,747
1,554	4	44,095	9,251	7,330	3,934	20,514	3,137	5,355	1,993	10,485	12,457

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,555	4	21,200	4,417	3,505	1,878	9,800	1,426	2,005	818	4,249	5,989
1,556	4	45,448	9,673	8,791	4,026	22,490	4,840	3,970	1,659	10,470	12,839
1,557	4	9,480	2,207	1,957	775	4,938	1,321	997	268	2,587	2,678
1,558	4	14,919	4,193	1,541	1,171	6,905	1,464	802	618	2,884	4,215
1,559	4	15,785	4,397	1,470	1,208	7,075	897	572	493	1,962	4,459
1,560	4	11,022	3,199	1,444	549	5,192	171	110	219	500	3,114
1,561	4	10,098	5,727	2,527	965	9,219	695	246	337	1,278	2,853
1,562	4	48,692	6,239	4,929	5,353	16,520	714	491	993	2,198	13,755
1,563	4	13,655	2,709	2,263	1,634	6,605	1,603	650	332	2,585	3,858
1,564	4	14,102	2,730	1,803	1,924	6,458	688	648	312	1,648	3,984
1,565	4	14,323	2,433	2,465	1,642	6,540	596	966	306	1,868	4,046
1,566	4	10,251	1,858	1,984	1,097	4,940	933	995	250	2,178	2,896
1,567	4	8,425	1,336	615	1,604	3,555	61	40	147	248	2,380
1,568	4	13,750	2,256	1,283	2,443	5,983	286	330	260	876	3,884
1,569	4	15,596	2,316	2,725	1,566	6,607	2,407	691	1,389	4,487	4,406
1,570	4	18,404	2,669	3,143	1,774	7,586	1,921	555	1,188	3,664	5,199
1,571	4	22,969	3,414	4,019	2,276	9,709	2,315	711	1,442	4,468	6,489
1,572	4	55,177	9,838	5,783	7,436	23,057	6,493	3,222	3,309	13,024	15,587
1,573	4	25,984	4,866	3,398	3,358	11,623	2,905	1,811	1,364	6,080	7,341
1,574	4	5,063	745	628	675	2,048	267	321	623	1,211	1,430
1,575	4	25,237	1,889	1,841	4,368	8,099	447	334	3,499	4,280	7,129
1,576	4	21,586	2,338	3,343	2,263	7,944	1,560	1,115	2,331	5,006	6,098
1,577	4	32,679	5,516	5,890	3,950	15,357	8,786	3,652	1,816	14,255	9,232
1,578	4	52,957	7,541	7,163	7,623	22,327	4,464	2,285	3,006	9,754	14,960
1,579	4	44,759	6,821	6,805	6,077	19,703	4,688	2,021	2,304	9,013	12,645
1,580	4	67,352	5,425	2,166	10,572	18,163	4,416	3,128	3,380	10,924	19,027
1,581	4	18,156	2,850	2,515	2,869	8,233	2,371	1,849	958	5,178	5,129
1,582	4	55,577	7,475	5,021	10,595	23,091	5,874	4,056	3,018	12,948	15,701
1,583	4	39,212	3,400	1,412	6,521	11,333	3,419	2,419	2,374	8,212	11,077
1,584	4	10,209	538	1,829	1,616	3,984	1,053	1,176	1,093	3,323	2,884
1,585	4	15,126	1,069	2,852	2,284	6,205	1,501	1,805	1,403	4,709	4,273
1,586	4	52,136	1,080	7,306	7,549	15,935	5,132	5,459	6,039	16,630	14,728
1,587	4	20,114	1,360	1,343	2,990	5,693	615	560	3,144	4,319	5,682
1,588	4	35,954	2,594	2,527	6,006	11,127	567	576	3,282	4,424	10,157
1,589	4	21,710	1,639	1,603	3,742	6,984	688	506	3,199	4,393	6,133
1,590	4	26,625	5,200	4,609	350	10,159	400	262	2,813	3,475	7,521
1,591	4	8,257	2,623	410	162	3,196	589	204	1,044	1,837	2,333
1,592	4	13,379	1,058	1,043	2,347	4,448	511	235	1,791	2,538	3,780
1,593	4	6,555	1,208	978	768	2,954	554	391	658	1,603	1,852
1,594	4	33,475	8,067	3,657	2,541	14,266	1,823	1,784	2,410	6,017	9,457
1,595	4	4,632	1,239	550	254	2,043	438	75	653	1,166	1,308
1,596	4	11,427	2,922	1,694	698	5,314	1,712	344	1,635	3,691	3,228
1,597	4	8,892	2,957	805	262	4,025	1,220	351	597	2,168	2,512
1,598	4	8,514	1,804	1,190	618	3,612	981	345	924	2,251	2,405
1,599	4	2,619	548	363	209	1,121	357	111	267	735	740
1,600	4	9,077	1,894	1,248	723	3,865	2,692	821	1,852	5,365	2,564
1,601	4	3,262	670	407	372	1,450	908	456	978	2,343	921
1,602	4	3,889	796	452	451	1,699	1,113	572	1,254	2,938	1,099
1,603	4	6,803	1,576	686	801	3,063	1,383	208	481	2,072	1,922
1,604	4	6,382	951	801	897	2,649	836	197	572	1,605	1,803
1,605	4	18,282	3,136	1,964	2,776	7,876	1,633	666	689	2,988	5,165
1,606	4	8,695	1,490	1,087	1,187	3,764	1,694	653	515	2,863	2,456
1,607	4	10,695	1,912	1,576	1,366	4,854	2,238	923	647	3,808	3,021
1,608	4	23,242	4,005	3,037	3,089	10,131	7,470	3,580	2,209	13,259	6,566
1,609	4	15,447	1,984	2,386	1,775	6,145	2,144	508	765	3,416	4,364
1,610	4	10,944	1,432	1,722	1,257	4,411	2,110	937	1,079	4,126	3,092
1,611	4	5,575	813	734	724	2,272	1,334	932	917	3,183	1,575
1,612	4	18,714	2,366	3,243	1,860	7,470	883	2,019	2,237	5,139	5,287
1,613	4	8,141	823	1,208	1,115	3,146	350	555	1,123	2,027	2,300
1,614	4	1,490	278	206	122	606	200	251	259	710	421
1,615	4	5,556	762	916	625	2,304	671	287	456	1,414	1,569
1,616	4	15,903	2,677	2,035	1,674	6,386	96	1,690	871	2,657	4,492
1,617	4	14,478	2,595	1,989	1,614	6,198	103	1,532	788	2,423	4,090
1,618	4	7,639	1,427	1,093	888	3,408	62	766	401	1,229	2,158
1,619	4	10,889	561	3,258	989	4,808	207	453	1,244	1,904	3,076
1,620	4	15,424	1,980	2,699	2,407	7,087	3,192	3,991	2,172	9,355	4,357
1,621	4	9,250	1,065	1,500	1,532	4,097	1,140	1,463	870	3,473	2,613
1,622	4	18,571	1,309	3,735	3,014	8,058	929	2,588	1,824	5,341	5,246
1,623	4	13,078	797	2,561	2,166	5,524	420	1,344	1,017	2,780	3,695
1,624	4	15,911	950	3,319	2,888	7,157	537	2,205	1,622	4,364	4,495
1,625	4	24,487	3,950	3,119	2,888	9,957	1,778	2,217	2,044	6,039	6,917
1,626	4	16,783	2,754	2,071	1,891	6,716	1,107	1,130	1,523	3,761	4,741
1,627	4	31,185	5,218	3,771	3,684	12,674	1,461	1,746	2,489	5,696	8,810
1,628	4	11,267	1,944	1,393	1,380	4,717	361	448	695	1,504	3,183
1,629	4	20,285	3,352	3,126	2,563	9,042	934	2,068	660	3,662	5,730

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,630	4	14,711	2,621	2,786	1,695	7,102	4,357	1,638	1,358	7,354	4,156
1,631	4	19,278	3,644	3,334	2,085	9,062	1,496	1,552	817	3,865	5,446
1,632	4	35,044	6,055	5,316	3,607	14,979	4,012	4,364	2,358	10,734	9,900
1,633	4	20,096	3,617	3,293	2,080	8,990	2,319	2,564	1,278	6,160	5,677
1,634	4	14,005	2,710	2,474	1,554	6,738	1,792	1,895	953	4,640	3,956
1,635	4	12,405	2,316	2,231	1,254	5,802	1,333	1,164	574	3,071	3,504
1,636	4	14,819	2,867	2,625	1,640	7,132	1,933	1,949	997	4,880	4,186
1,637	4	15,936	965	3,120	2,832	6,918	562	634	617	1,813	4,502
1,638	4	5,363	1,549	487	463	2,499	203	196	849	1,248	1,515
1,639	4	20,683	5,174	1,868	1,509	8,552	909	1,053	2,510	4,472	5,843
1,640	4	8,281	3,371	154	202	3,727	300	508	482	1,290	2,339
1,641	4	14,975	2,950	1,824	1,788	6,562	665	902	901	2,468	4,230
1,642	4	14,680	2,565	1,737	1,841	6,142	808	507	1,700	3,015	4,147
1,643	4	15,963	2,837	1,994	1,719	6,549	2,721	2,928	2,122	7,771	4,510
1,644	4	27,595	5,138	3,828	3,020	11,986	2,690	2,112	1,707	6,508	7,796
1,645	4	7,717	1,198	1,407	935	3,540	1,329	691	564	2,585	2,180
1,646	4	12,145	1,926	2,187	1,376	5,489	2,611	1,385	2,937	6,933	3,431
1,647	4	12,964	1,899	2,119	1,549	5,567	1,037	508	1,413	2,958	3,662
1,648	4	27,347	4,042	4,519	3,256	11,817	3,113	1,536	4,024	8,674	7,725
1,649	4	16,273	2,655	3,054	1,688	7,396	1,810	555	873	3,238	4,597
1,650	4	18,750	3,053	3,509	1,957	8,519	1,711	1,274	1,230	4,215	5,297
1,651	4	15,447	4,177	1,827	950	6,954	2,942	891	3,730	7,563	4,364
1,652	4	4,834	1,051	775	410	2,236	1,606	1,060	946	3,612	1,366
1,653	4	3,173	725	394	282	1,401	1,182	897	835	2,914	896
1,654	4	6,131	1,062	1,119	753	2,934	1,462	568	2,504	4,534	1,732
1,655	4	4,085	714	479	528	1,721	657	390	1,758	2,805	1,154
1,656	4	10,858	2,379	1,916	924	5,219	3,253	1,632	2,156	7,040	3,067
1,657	4	5,935	1,363	939	527	2,830	1,247	709	1,013	2,970	1,677
1,658	4	4,970	1,134	818	439	2,391	1,018	673	819	2,510	1,404
1,659	4	3,060	665	481	258	1,404	906	569	714	2,189	864
1,660	4	7,446	1,625	1,175	629	3,429	1,885	1,143	1,495	4,523	2,104
1,661	4	5,571	2,100	419	131	2,650	756	353	278	1,387	1,574
1,662	4	12,271	4,601	950	298	5,850	3,064	1,545	1,009	5,619	3,467
1,663	4	7,924	1,154	1,388	986	3,528	932	780	1,060	2,772	2,238
1,664	4	7,806	1,059	1,275	1,024	3,358	534	581	805	1,920	2,205
1,665	4	5,978	551	1,459	746	2,756	2,215	5,178	2,759	10,152	1,689
1,666	4	8,036	484	1,902	1,065	3,451	2,082	5,104	2,766	9,952	2,270
1,667	4	6,945	929	1,117	810	2,856	1,199	1,058	1,022	3,279	1,962
1,668	4	23,815	3,650	4,184	2,228	10,062	1,095	1,876	2,417	5,388	6,728
1,669	4	4,443	748	672	589	2,009	1,476	2,790	1,231	5,498	1,255
1,670	4	10,696	381	2,776	1,102	4,260	928	2,793	2,359	6,080	3,022
1,671	4	6,418	335	1,685	659	2,679	841	2,369	1,933	5,142	1,813
1,672	4	8,751	935	1,746	787	3,468	313	776	813	1,901	2,472
1,673	4	20,202	2,305	4,251	1,904	8,460	701	1,699	1,736	4,137	5,707
1,674	4	9,961	2,864	1,176	235	4,275	250	996	817	2,063	2,814
1,675	4	18,238	2,540	3,055	2,251	7,846	1,229	908	962	3,099	5,152
1,676	4	19,061	2,655	3,195	2,469	8,319	800	2,273	1,509	4,582	5,385
1,677	4	6,171	981	1,175	459	2,615	283	546	479	1,309	1,743
1,678	4	5,663	881	899	640	2,419	143	197	237	577	1,600
1,679	4	11,078	1,774	1,912	1,214	4,900	1,621	1,825	1,892	5,337	3,129
1,680	4	22,355	3,831	4,195	2,463	10,488	1,582	1,495	1,267	4,344	6,315
1,681	4	4,450	829	710	383	1,921	768	749	1,363	2,880	1,257
1,682	4	5,396	1,001	846	465	2,312	857	836	1,541	3,234	1,524
1,683	4	4,560	844	706	393	1,944	623	609	1,136	2,368	1,288
1,684	4	9,547	1,729	1,455	803	3,987	362	344	724	1,430	2,697
1,685	4	7,154	1,071	697	880	2,648	278	212	652	1,141	2,021
1,686	4	28,828	2,846	4,258	3,239	10,343	1,129	828	4,300	6,257	8,144
1,687	4	9,294	2,171	973	797	3,941	3,084	1,075	1,836	5,994	2,626
1,688	4	1,538	333	153	123	609	309	102	193	604	434
1,689	4	3,130	621	382	384	1,387	1,575	287	749	2,611	884
1,690	4	11,577	2,337	1,091	1,578	5,006	5,008	887	2,615	8,510	3,270
1,691	4	6,171	1,065	672	943	2,680	3,817	1,529	3,490	8,835	1,743
1,692	4	4,586	813	553	686	2,052	2,152	877	1,960	4,989	1,295
1,693	4	5,636	982	645	735	2,362	3,428	380	1,124	4,932	1,592
1,694	4	2,508	456	288	349	1,093	962	75	872	1,909	709
1,695	4	6,562	1,219	800	914	2,933	761	266	2,600	3,627	1,854
1,696	4	21,357	2,876	3,462	2,838	9,175	1,910	390	1,263	3,563	6,033
1,697	4	4,453	608	731	579	1,918	1,704	369	914	2,986	1,258
1,698	4	16,263	1,146	1,935	3,435	6,517	643	1,023	1,548	3,214	4,594
1,699	4	9,281	1,237	1,489	1,202	3,928	279	1,254	470	2,003	2,622
1,700	4	5,149	968	437	820	2,224	435	163	1,430	2,028	1,454
1,701	4	10,054	1,952	925	1,627	4,504	712	281	2,255	3,248	2,840
1,702	4	12,781	2,445	1,342	1,544	5,332	397	464	3,466	4,327	3,611
1,703	4	2,831	485	365	294	1,144	264	161	553	978	800
1,704	4	6,025	1,108	707	732	2,548	501	298	1,180	1,979	1,702

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,705	4	13,891	1,943	1,780	2,055	5,777	2,225	1,505	1,729	5,460	3,924
1,706	4	2,437	728	264	64	1,056	349	248	930	1,527	689
1,707	4	3,014	958	347	84	1,389	233	184	632	1,049	852
1,708	4	2,555	806	309	76	1,191	239	192	628	1,058	722
1,709	4	13,915	3,834	1,672	990	6,496	2,837	1,438	4,092	8,367	3,931
1,710	4	8,100	258	1,197	2,046	3,501	644	400	1,444	2,488	2,288
1,711	4	4,275	1,532	154	263	1,949	597	263	667	1,527	1,208
1,712	4	8,766	3,283	372	571	4,226	778	336	898	2,012	2,476
1,801	5	10,517	1,589	1,599	1,232	4,421	849	648	521	2,018	2,971
1,802	5	9,476	1,470	1,448	1,099	4,016	4,073	1,674	3,140	8,886	2,677
1,803	5	11,165	1,875	1,740	1,262	4,877	971	696	289	1,956	3,154
1,804	5	33,883	5,227	5,382	4,215	14,823	3,242	1,151	1,345	5,738	9,572
1,805	5	24,243	2,670	4,249	2,846	9,765	996	1,027	3,712	5,735	6,849
1,806	5	11,610	1,677	2,065	1,289	5,031	1,290	416	1,130	2,837	3,280
1,807	5	29,970	856	2,998	6,866	10,720	1,135	1,218	2,667	5,020	8,467
1,808	5	11,748	1,466	1,516	2,043	5,026	4,642	5,029	9,765	19,436	3,319
1,809	5	30,419	654	3,151	7,554	11,360	2,566	2,868	6,912	12,346	8,593
1,810	5	16,893	4,726	2,867	1,262	8,854	7,300	6,036	5,853	19,188	4,772
1,811	5	13,610	3,877	2,368	996	7,241	7,206	7,702	9,016	23,925	3,845
1,812	5	22,121	4,266	1,374	4,035	9,675	3,884	3,954	5,382	13,219	6,249
1,813	5	4,148	1,182	722	304	2,207	8,868	8,707	13,844	31,419	1,172
1,814	5	9,932	2,829	1,728	727	5,284	3,660	3,369	1,045	8,073	2,806
1,815	5	17,552	5,086	2,895	1,656	9,637	6,803	11,281	3,949	22,032	4,959
1,816	5	8,467	2,366	1,317	818	4,501	3,669	4,846	1,862	10,378	2,392
1,817	5	1,961	559	341	144	1,043	1,724	3,116	1,210	6,050	554
1,818	5	11,268	3,193	1,894	914	6,000	4,485	5,411	1,808	11,704	3,183
1,819	5	7,782	2,305	1,171	983	4,459	1,877	2,035	772	4,684	2,198
1,820	5	3,837	1,093	668	281	2,041	3,015	5,027	2,005	10,047	1,084
1,821	5	8,979	2,757	1,347	852	4,956	3,139	1,192	461	4,792	2,537
1,822	5	8,382	2,041	1,254	670	3,964	842	917	621	2,380	2,368
1,823	5	4,666	1,306	801	403	2,509	2,238	2,362	1,570	6,170	1,318
1,824	5	12,814	3,169	1,947	1,053	6,169	796	851	638	2,285	3,620
1,825	5	4,847	1,280	782	337	2,400	3,010	2,826	1,689	7,524	1,369
1,826	5	1,483	422	258	109	789	1,931	2,010	1,326	5,266	419
1,827	5	6,912	1,938	1,189	617	3,744	2,206	2,277	1,559	6,041	1,953
1,828	5	1,632	465	284	119	868	2,014	2,061	1,378	5,453	461
1,829	5	2,765	788	481	202	1,471	1,963	2,127	1,209	5,298	781
1,830	5	19,081	4,337	2,534	2,204	9,075	1,532	1,881	1,649	5,062	5,390
1,831	5	15,479	3,517	2,464	1,615	7,596	1,620	1,441	1,466	4,527	4,373
1,832	5	2,563	730	446	188	1,363	708	762	888	2,358	724
1,833	5	3,080	849	523	197	1,569	269	330	301	900	870
1,834	5	1,131	322	197	83	602	255	270	277	803	319
1,835	5	13,177	3,337	2,062	742	6,141	700	683	849	2,232	3,722
1,836	5	19,730	5,455	3,406	1,528	10,389	8,710	6,574	2,470	17,755	5,574
1,837	5	1,645	468	286	120	875	575	628	168	1,372	465
1,838	5	7,228	2,059	1,258	529	3,845	6,435	5,323	2,268	14,026	2,042
1,839	5	1,799	442	303	170	916	1,398	1,187	522	3,107	508
1,840	5	3,449	281	277	847	1,405	281	60	166	507	974
1,841	5	13,640	1,223	1,154	3,302	5,679	932	250	443	1,626	3,853
1,842	5	5,718	1,857	634	291	2,782	1,887	97	1,444	3,428	1,615
1,843	5	3,928	1,393	366	184	1,944	488	21	279	788	1,110
1,844	5	2,390	601	167	316	1,084	92	72	135	298	675
1,845	5	14,141	3,525	1,530	1,511	6,566	1,666	426	1,073	3,165	3,995
1,846	5	4,420	1,554	258	419	2,231	3,044	711	1,046	4,801	1,249
1,847	5	9,094	3,033	766	811	4,609	6,512	1,416	2,009	9,936	2,569
1,848	5	7,140	2,153	878	566	3,597	3,332	758	797	4,887	2,017
1,849	5	44,016	12,693	4,828	4,188	21,709	11,538	3,000	1,851	16,388	12,434
1,850	5	30,340	9,129	3,339	3,055	15,523	13,839	11,043	3,549	28,431	8,571
1,851	5	13,750	3,948	1,077	1,437	6,463	2,644	640	501	3,785	3,884
1,852	5	23,293	6,092	2,871	2,265	11,228	4,923	1,785	884	7,592	6,580
1,853	5	37,056	9,368	4,171	3,684	17,223	8,979	1,499	1,949	12,426	10,468
1,854	5	10,226	2,476	948	1,101	4,525	1,960	301	650	2,912	2,889
1,855	5	30,212	7,903	3,738	2,928	14,569	6,331	1,327	1,095	8,752	8,535
1,856	5	13,360	3,301	1,242	1,486	6,029	2,174	369	846	3,389	3,774
1,857	5	6,358	1,650	760	628	3,037	1,593	341	449	2,384	1,796
1,858	5	6,450	1,510	499	737	2,746	830	135	390	1,354	1,822
1,859	5	12,980	3,243	1,499	1,342	6,084	2,850	554	468	3,872	3,667
1,860	5	7,973	1,733	492	1,043	3,269	811	151	519	1,481	2,252
1,861	5	5,083	1,085	313	648	2,047	401	80	266	748	1,436
1,862	5	13,497	3,188	1,141	1,670	5,999	2,285	529	962	3,775	3,813
1,863	5	13,278	2,992	867	1,782	5,641	1,857	362	1,092	3,310	3,751
1,864	5	5,578	1,333	432	746	2,511	445	131	234	809	1,576
1,865	5	5,476	1,765	287	421	2,473	681	142	507	1,330	1,547
1,866	5	22,219	7,723	1,437	1,851	11,011	3,214	604	1,845	5,663	6,277
1,867	5	42,388	10,771	4,667	4,531	19,970	11,735	2,486	4,695	18,916	11,975

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,868	5	27,800	6,592	2,724	2,894	12,211	4,216	1,023	1,684	6,922	7,853
1,869	5	13,232	3,148	1,140	1,531	5,819	1,443	345	925	2,713	3,738
1,870	5	7,591	1,945	923	744	3,613	1,670	410	490	2,570	2,144
1,871	5	26,087	6,703	2,766	2,948	12,417	4,006	1,090	1,785	6,881	7,370
1,872	5	13,745	3,348	1,231	1,611	6,190	1,470	356	882	2,708	3,883
1,873	5	18,892	4,562	2,593	2,238	9,393	7,377	2,304	1,874	11,554	5,337
1,874	5	18,157	4,047	2,206	2,504	8,757	9,085	3,183	3,037	15,305	5,129
1,875	5	16,996	3,739	2,026	2,381	8,145	5,528	2,012	1,781	9,321	4,801
1,876	5	6,211	1,599	564	758	2,921	391	216	610	1,217	1,755
1,877	5	13,983	4,340	1,146	1,350	6,835	3,688	541	2,725	6,954	3,950
1,878	5	24,312	5,023	2,964	3,004	10,991	1,548	978	1,607	4,132	6,868
1,879	5	4,694	984	584	535	2,103	455	278	400	1,133	1,326
1,880	5	52,763	15,171	8,054	1,779	25,004	4,440	1,472	2,352	8,264	14,906
1,881	5	40,093	4,992	4,468	7,146	16,606	3,046	813	1,467	5,326	11,326
1,882	5	12,610	1,491	1,372	2,290	5,153	861	228	477	1,565	3,562
1,883	5	16,313	2,300	1,893	2,609	6,802	1,945	553	666	3,164	4,608
1,884	5	18,108	2,669	2,148	2,825	7,641	2,584	576	723	3,883	5,115
1,885	5	15,617	2,420	1,902	2,374	6,697	2,030	793	637	3,461	4,412
1,886	5	22,332	2,323	3,299	4,029	9,652	874	447	1,220	2,541	6,309
1,887	5	1,01,813	25,415	17,636	9,056	52,107	16,181	460	2,606	19,247	28,762
1,888	5	7,432	796	1,266	1,138	3,200	691	153	464	1,308	2,099
1,889	5	29,988	7,490	2,930	3,059	13,479	2,105	791	3,312	6,208	8,472
1,890	5	14,427	3,380	1,389	1,334	6,103	491	240	663	1,394	4,076
1,891	5	33,622	11,370	307	3,656	15,333	3,038	488	3,594	7,120	9,498
1,892	5	9,264	2,931	105	940	3,976	437	98	535	1,070	2,617
1,893	5	8,148	1,578	936	1,165	3,679	1,570	498	925	2,993	2,302
1,894	5	19,784	4,781	1,336	2,456	8,573	1,212	531	1,290	3,033	5,589
1,895	5	16,526	2,789	1,253	2,861	6,903	1,674	886	955	3,514	4,669
1,896	5	4,753	1,035	326	610	1,970	530	281	450	1,262	1,343
1,897	5	5,978	1,285	335	836	2,456	298	160	385	843	1,689
1,898	5	6,935	1,462	382	949	2,792	531	287	644	1,462	1,959
1,899	5	13,331	4,000	856	1,465	6,321	1,311	489	918	2,717	3,766
1,900	5	5,037	1,572	242	602	2,416	355	171	391	917	1,423
1,901	5	10,537	3,255	661	1,202	5,118	982	480	749	2,211	2,977
1,902	5	22,861	2,589	5,007	2,602	10,198	799	648	1,055	2,501	6,458
1,903	5	8,081	2,165	193	1,314	3,672	742	190	542	1,474	2,283
1,904	5	10,167	2,412	252	1,439	4,103	678	170	514	1,361	2,872
1,905	5	7,894	2,185	499	1,122	3,806	1,164	530	515	2,210	2,230
1,906	5	9,298	2,357	315	1,360	4,033	1,032	214	563	1,809	2,627
1,907	5	11,734	3,116	213	1,935	5,263	1,009	245	822	2,076	3,315
1,908	5	8,227	2,209	137	1,381	3,726	751	182	611	1,544	2,324
1,909	5	6,536	1,580	121	972	2,673	924	221	702	1,847	1,846
1,910	5	4,634	1,258	88	780	2,126	532	128	414	1,074	1,309
1,911	5	6,312	1,509	127	921	2,557	813	197	619	1,629	1,783
1,912	5	5,370	1,364	92	848	2,304	478	114	386	978	1,517
1,913	5	14,884	3,909	887	2,011	6,807	2,253	798	967	4,018	4,205
1,914	5	2,335	641	73	378	1,092	207	58	155	420	660
1,915	5	4,243	1,161	72	726	1,959	373	86	304	762	1,199
1,916	5	8,713	2,332	186	1,430	3,948	854	209	651	1,714	2,461
1,917	5	9,817	2,474	165	1,538	4,177	1,045	248	828	2,120	2,773
1,918	5	9,235	2,348	139	1,472	3,958	786	183	650	1,619	2,609
1,919	5	10,131	2,559	149	1,606	4,314	939	218	767	1,923	2,862
1,920	5	13,184	3,449	189	2,172	5,810	445	101	467	1,013	3,725
1,921	5	22,192	5,338	2,703	2,806	10,847	2,746	981	1,661	5,388	6,269
1,922	5	13,224	2,976	1,516	1,540	6,033	1,015	345	619	1,978	3,736
1,923	5	7,450	1,839	928	976	3,742	981	371	641	1,993	2,105
1,924	5	10,515	2,646	1,123	1,281	5,049	6,934	5,662	9,575	22,171	2,971
1,925	5	5,027	1,139	323	748	2,209	362	282	558	1,202	1,420
1,926	5	23,054	5,688	1,822	3,475	10,985	1,902	1,303	1,705	4,909	6,513
1,927	5	5,454	1,230	338	819	2,387	378	307	598	1,283	1,541
1,928	5	1,521	354	156	165	675	2,400	2,075	3,719	8,194	430
1,929	5	2,011	451	120	305	877	139	108	224	472	568
1,930	5	662	167	70	68	305	3,699	587	1,754	6,039	187
1,931	5	1,426	360	90	193	643	2,794	444	1,336	4,575	403
1,932	5	1,615	423	148	193	764	5,470	886	2,596	8,952	456
1,933	5	1,359	359	144	150	653	5,226	840	2,475	8,541	384
1,934	5	4,344	1,203	613	403	2,219	2,268	665	740	3,672	1,227
1,935	5	11,672	905	755	3,005	4,666	1,814	1,006	2,012	4,832	3,297
1,936	5	27,279	6,154	3,562	2,469	12,185	4,144	3,260	4,448	11,852	7,706
1,937	5	22,412	4,829	1,487	3,324	9,640	1,166	642	2,464	4,273	6,331
1,938	5	19,720	4,560	2,469	1,515	8,544	2,558	480	4,443	7,481	5,571
1,939	5	9,107	1,661	878	1,196	3,735	798	422	1,318	2,538	2,573
1,940	5	11,395	3,840	1,077	1,086	6,003	1,060	452	398	1,910	3,219
1,941	5	10,928	3,372	873	959	5,204	1,386	323	910	2,619	3,087
1,942	5	48,096	14,797	3,622	4,435	22,855	6,854	1,557	5,953	14,364	13,587

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,943	5	4,186	1,059	547	229	1,835	190	351	339	880	1,182
1,944	5	3,332	740	320	364	1,424	125	64	494	683	941
1,945	5	6,882	1,481	867	617	2,965	1,080	689	1,159	2,928	1,944
1,946	5	3,864	869	376	522	1,767	484	46	391	921	1,092
1,947	5	7,016	1,911	370	988	3,269	1,499	307	795	2,602	1,982
1,948	5	4,218	1,102	390	432	1,924	778	166	1,307	2,251	1,192
1,949	5	2,600	905	338	109	1,352	614	32	546	1,192	734
1,950	5	4,229	1,016	303	589	1,907	130	23	236	390	1,195
1,951	5	3,584	1,056	545	119	1,720	198	20	120	338	1,013
1,952	5	4,240	978	304	554	1,836	378	65	442	884	1,198
1,953	5	4,103	1,279	364	282	1,925	422	206	512	1,140	1,159
1,954	5	3,225	1,003	294	222	1,519	332	164	392	888	911
1,955	5	3,267	986	169	343	1,499	425	130	382	937	923
1,956	5	5,612	1,710	604	314	2,628	497	280	944	1,721	1,585
1,957	5	7,874	2,422	738	621	3,781	2,541	2,631	1,365	6,536	2,224
1,958	5	8,943	2,822	1,083	566	4,471	8,571	1,574	3,603	13,748	2,526
1,959	5	4,978	1,041	608	530	2,179	2,512	1,633	3,803	7,949	1,406
1,960	5	8,092	1,775	1,035	924	3,734	1,859	1,205	2,757	5,821	2,286
2,011	14	21,587	2,358	3,835	461	6,654	2,229	2,628	1,383	6,240	6,098
2,012	14	17,908	601	3,845	605	5,051	1,236	1,585	1,640	4,461	5,059
2,013	14	13,317	708	2,731	407	3,846	833	1,389	1,186	3,407	3,762
2,014	14	28,005	1,767	5,608	811	8,185	2,554	3,802	2,657	9,013	7,912
2,015	14	10,894	482	2,282	349	3,113	846	1,068	1,022	2,936	3,078
2,016	14	7,446	175	1,635	264	2,074	474	628	712	1,813	2,103
2,017	14	5,149	117	1,132	183	1,433	337	486	534	1,357	1,455
2,018	14	8,027	177	1,768	287	2,232	525	770	835	2,130	2,267
2,019	14	11,674	439	2,484	387	3,309	886	1,154	1,121	3,160	3,298
2,020	14	4,973	99	1,101	179	1,379	297	418	483	1,198	1,405
2,021	14	12,188	531	2,556	392	3,480	984	1,277	1,153	3,414	3,443
2,022	14	9,831	331	2,110	332	2,773	718	1,019	974	2,711	2,777
2,023	14	9,636	6,360	6,649	614	13,623	8,413	1,528	1,144	11,086	2,722
2,024	14	13,362	2,377	4,622	593	7,592	3,588	1,584	1,499	6,671	3,775
2,025	14	5,661	287	1,168	175	1,630	408	696	517	1,621	1,599
2,026	14	8,315	661	1,598	218	2,478	741	1,241	659	2,641	2,349
2,027	14	14,950	1,599	2,672	325	4,596	1,614	2,377	1,010	5,001	4,223
2,028	14	6,696	1,510	545	758	2,812	129	950	241	1,320	1,892
2,029	14	10,125	2,131	1,015	842	3,988	547	1,625	419	2,591	2,860
2,030	14	5,459	950	797	58	1,805	655	3,314	700	4,670	1,542
2,031	14	4,591	799	669	50	1,518	540	2,344	488	3,372	1,297
2,032	14	2,865	499	418	31	947	246	2,214	346	2,806	809
2,033	14	14,552	2,855	1,720	796	5,370	1,423	3,490	834	5,747	4,111
2,034	14	7,095	1,458	756	519	2,733	601	1,029	306	1,936	2,004
2,035	14	14,218	3,054	1,348	1,306	5,708	461	4,203	749	5,412	4,016
2,036	14	11,393	2,514	997	1,179	4,689	382	2,634	728	3,743	3,219
2,037	14	20,164	4,206	2,068	1,603	7,878	948	5,572	1,078	7,599	5,696
2,038	14	14,792	3,473	1,276	1,580	6,328	462	1,126	1,772	3,360	4,179
2,039	14	19,729	4,500	1,832	1,899	8,231	509	1,417	1,202	3,128	5,574
2,040	14	14,118	3,202	1,329	1,330	5,861	762	1,367	1,801	3,930	3,988
2,041	14	3,809	769	451	209	1,429	136	1,036	250	1,422	1,076
2,042	14	22,979	5,409	1,968	2,477	9,854	859	2,051	3,276	6,186	6,492
2,043	14	9,662	2,117	982	793	3,892	720	1,956	2,170	4,845	2,729
2,044	14	9,206	1,738	1,210	313	3,261	1,217	1,286	570	3,073	2,601
2,045	14	19,073	4,487	1,637	2,051	8,174	632	1,559	2,448	4,639	5,388
2,046	14	15,620	3,628	1,386	1,606	6,620	393	957	1,479	2,830	4,413
2,047	14	2,754	490	391	46	927	263	724	412	1,399	778
2,048	14	22,421	5,238	1,924	2,384	9,546	747	1,917	2,883	5,547	6,334
2,049	14	33,379	7,862	2,855	3,605	14,322	1,238	2,958	4,743	8,939	9,430
2,050	14	2,358	468	323	87	878	414	1,064	1,043	2,521	666
2,051	14	19,358	4,413	1,799	1,859	8,071	746	1,821	2,496	5,063	5,469
2,052	14	14,290	3,311	1,276	1,457	6,044	589	1,416	2,059	4,064	4,037
2,053	14	1,574	275	229	18	522	319	806	754	1,879	445
2,054	14	12,232	2,825	1,101	1,233	5,159	452	1,280	1,596	3,328	3,456
2,055	14	7,988	1,841	723	798	3,363	301	821	1,035	2,157	2,257
2,056	14	1,000	179	141	19	339	268	691	754	1,713	283
2,057	14	35,806	7,169	4,305	1,864	13,337	2,379	10,071	2,161	14,611	10,115
2,058	14	10,012	748	1,277	1,477	3,502	735	1,341	1,151	3,228	2,828
2,059	14	9,125	767	1,179	1,229	3,175	609	1,398	878	2,884	2,578
2,060	14	19,507	4,710	2,030	1,152	7,892	2,627	2,119	1,282	6,028	5,511
2,061	14	36,805	9,864	3,223	2,874	15,961	5,137	1,969	2,805	9,911	10,397
2,062	14	20,554	5,433	1,847	1,551	8,831	2,721	1,233	1,530	5,484	5,806
2,063	14	16,314	3,268	1,779	1,281	6,327	1,633	2,891	1,658	6,183	4,609
2,064	14	27,664	5,789	2,668	2,813	11,270	2,524	1,949	3,299	7,772	7,815
2,065	14	9,161	1,454	129	2,634	4,217	386	176	1,851	2,412	2,588
2,066	14	2,262	361	45	623	1,029	106	73	440	619	639
2,067	14	14,840	3,664	1,179	1,597	6,440	825	672	2,476	3,972	4,192

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,068	14	6,827	1,411	437	1,126	2,974	272	378	1,181	1,831	1,929
2,069	14	8,706	1,795	569	1,412	3,776	339	662	1,493	2,494	2,459
2,070	14	4,197	857	302	632	1,792	163	405	675	1,243	1,186
2,071	14	7,171	1,478	468	1,163	3,110	278	539	1,229	2,047	2,026
2,072	14	4,995	1,026	335	795	2,156	196	462	845	1,503	1,411
2,073	14	3,085	603	310	293	1,206	237	313	396	946	872
2,074	14	24,201	5,102	1,642	3,759	10,503	1,072	624	4,690	6,385	6,837
2,075	14	5,062	1,414	337	468	2,219	362	711	303	1,376	1,430
2,076	14	5,538	1,108	700	171	1,978	778	725	229	1,732	1,564
2,077	14	12,240	4,076	321	1,640	6,037	940	1,303	887	3,130	3,458
2,078	14	5,719	1,786	239	674	2,700	467	622	388	1,477	1,616
2,079	14	22,447	6,122	1,124	3,016	10,262	852	3,685	1,868	6,404	6,341
2,080	14	5,074	760	465	768	1,993	819	1,098	219	2,136	1,433
2,081	14	5,762	869	542	836	2,248	522	910	203	1,634	1,628
2,082	14	2,200	383	321	23	727	355	381	82	818	621
2,083	14	3,030	430	226	594	1,250	209	220	93	522	856
2,084	14	44	8	6	0	15	2	17	2	20	13
2,085	14	2	0	0	0	1	0	1	0	1	1
2,086	14	3,221	493	320	422	1,236	360	675	126	1,160	910
2,087	14	5,163	849	643	342	1,833	657	750	181	1,589	1,459
2,088	14	6,301	985	671	712	2,368	703	1,163	235	2,102	1,780
2,089	14	2,887	432	262	445	1,138	214	357	94	665	816
2,090	14	4,025	652	479	325	1,456	649	1,340	191	2,180	1,137
2,091	14	4,961	766	506	618	1,890	632	995	196	1,823	1,402
2,092	14	1,661	252	159	233	644	96	265	55	416	469
2,093	14	1,273	205	148	112	464	151	194	45	390	360
2,094	14	2,645	405	264	345	1,014	226	365	89	680	747
2,095	14	7,158	1,246	1,045	76	2,367	1,110	1,325	270	2,704	2,022
2,131	8	12,267	1,678	1,276	655	3,610	1,230	1,141	1,273	3,644	3,465
2,132	8	6,841	1,232	937	481	2,651	675	827	855	2,356	1,933
2,133	8	11,578	1,670	1,268	651	3,590	1,417	1,401	1,461	4,278	3,271
2,134	8	4,334	609	463	237	1,309	443	411	458	1,312	1,224
2,135	8	9,886	1,287	981	503	2,771	1,138	1,034	1,126	3,297	2,793
2,141	8	15,039	272	609	490	1,371	4,002	1,140	877	6,019	4,249
2,142	8	43,265	847	2,510	2,171	5,528	3,818	3,263	2,530	9,612	12,222
2,143	8	4,822	429	1,086	906	2,421	671	1,169	574	2,414	1,362
2,144	8	13,649	1,564	3,521	2,842	7,927	2,591	5,866	1,835	10,291	3,856
2,145	8	669	246	313	195	755	1,902	605	167	2,674	189
2,146	8	31,711	538	696	614	1,847	8,132	2,498	1,566	12,195	8,958
2,147	8	16,862	289	463	510	1,262	1,844	601	743	3,188	4,764
2,148	8	4,838	2,506	2,876	2,127	7,509	417	3,445	597	4,460	1,367
2,149	8	9,401	4,608	5,384	4,101	14,094	3,308	6,500	1,205	11,013	2,656
2,150	8	8,419	1,579	1,636	1,853	5,069	915	2,037	754	3,705	2,378
2,151	8	16,991	536	567	728	1,832	3,097	405	857	4,359	4,800
2,152	8	12,462	513	556	804	1,873	1,389	479	692	2,560	3,521
2,153	8	2,315	603	608	571	1,782	252	695	213	1,160	654
2,154	8	18,361	422	429	423	1,273	1,557	863	774	3,194	5,187
2,155	8	2	30	28	14	73	0	7	1	8	1
2,156	8	6,137	1,189	1,246	1,499	3,934	661	1,465	696	2,822	1,734
2,157	8	8,100	1,056	1,141	1,627	3,823	790	1,827	861	3,477	2,288
2,158	8	3,609	1,260	1,260	1,080	3,600	351	1,614	417	2,381	1,020
2,159	8	8,147	1,700	1,762	1,996	5,458	460	3,757	742	4,959	2,302
2,160	8	8,921	2,295	2,329	2,270	6,893	391	3,181	695	4,267	2,520
2,161	8	4,912	1,217	1,234	1,195	3,646	264	3,367	485	4,116	1,388
2,162	8	5,879	3,604	3,533	2,513	9,650	348	7,164	734	8,246	1,661
2,163	8	736	1,101	1,074	725	2,899	124	1,737	183	2,044	208
2,164	8	1,811	1,112	1,090	771	2,973	102	3,776	288	4,166	512
2,165	8	3,506	898	1,202	408	2,508	195	1,678	328	2,201	990
2,166	8	10,402	2,721	3,556	1,236	7,513	549	3,105	871	4,525	2,939
2,167	8	3,691	758	1,020	344	2,123	170	1,678	315	2,162	1,043
2,168	8	8,565	2,376	3,097	1,079	6,552	472	3,023	751	4,245	2,420
2,169	8	30,267	1,363	1,704	2,257	5,324	2,602	2,928	1,695	7,226	8,551
2,170	8	16,641	453	516	547	1,516	1,574	1,651	952	4,177	4,701
2,171	8	9,697	734	973	1,439	3,145	261	879	574	1,714	2,739
2,172	8	10,505	840	1,117	1,662	3,620	381	1,607	812	2,800	2,968
2,173	8	6,344	590	1,162	1,446	3,198	421	1,152	510	2,084	1,792
2,174	8	3,027	201	489	676	1,366	157	347	202	705	855
2,201	6	58,388	12,138	7,342	4,100	23,580	3,181	9,033	539	12,753	16,495
2,202	6	21,533	3,836	3,465	1,353	8,654	1,515	4,993	182	6,689	6,083
2,203	6	41,848	5,753	7,235	3,541	16,529	2,769	7,452	1,173	11,394	11,822
2,204	6	9,543	1,859	1,440	556	3,854	618	1,898	319	2,835	2,696
2,205	6	15,735	3,064	2,173	1,095	6,332	719	1,759	583	3,062	4,445
2,206	6	34,007	6,117	5,326	2,218	13,660	2,212	6,580	1,234	10,026	9,607
2,207	6	34,285	7,362	3,825	2,657	13,844	3,684	2,907	714	7,305	9,686
2,208	6	45,861	9,883	4,936	3,688	18,506	4,747	3,293	979	9,019	12,956

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,209	6	31,797	6,862	3,370	2,596	12,828	3,323	2,209	700	6,232	8,983
2,210	6	12,190	2,299	1,471	1,102	4,871	437	721	918	2,076	3,444
2,211	6	9,722	1,834	1,179	873	3,886	350	584	728	1,661	2,746
2,212	6	12,904	1,647	678	2,616	4,940	2,496	740	103	3,339	3,645
2,213	6	16,549	2,937	2,340	1,330	6,608	1,412	183	1,245	2,840	4,675
2,214	6	6,708	1,198	978	507	2,683	561	545	474	1,579	1,895
2,215	6	12,631	2,281	1,949	840	5,070	1,103	2,232	782	4,118	3,568
2,216	6	12,179	2,664	1,772	527	4,964	650	1,420	1,119	3,189	3,441
2,217	6	10,033	2,182	1,496	413	4,091	578	1,566	873	3,017	2,834
2,218	6	19,898	3,978	2,873	1,188	8,039	965	1,918	1,216	4,098	5,621
2,219	6	20,273	3,442	2,398	2,186	8,026	565	1,393	1,534	3,492	5,727
2,220	6	17,127	2,906	2,019	1,855	6,780	450	1,169	1,302	2,921	4,839
2,221	6	36,312	6,028	3,790	4,491	14,308	3,212	2,001	1,518	6,731	10,258
2,222	6	9,715	1,612	1,010	1,207	3,828	868	550	408	1,827	2,745
2,223	6	21,170	3,509	2,190	2,640	8,339	1,874	1,172	892	3,939	5,981
2,224	6	25,517	5,991	615	3,597	10,203	614	718	2,727	4,058	7,209
2,225	6	36,271	9,253	5,669	130	15,052	2,244	2,143	2,186	6,572	10,247
2,226	6	12,301	3,127	1,934	44	5,104	775	743	730	2,249	3,475
2,227	6	43,780	8,044	5,913	3,573	17,530	3,672	7,338	1,812	12,822	12,368
2,228	6	36,605	6,856	4,237	3,509	14,602	1,189	1,649	3,239	6,077	10,341
2,229	6	22,210	4,018	2,563	2,254	8,834	1,009	496	2,153	3,658	6,274
2,230	6	27,239	193	1,072	8,515	9,780	780	1,801	2,049	4,630	7,695
2,231	6	25,029	168	976	7,839	8,983	713	1,642	1,886	4,242	7,071
2,232	6	19,294	3,401	2,518	1,765	7,684	1,462	1,088	927	3,477	5,451
2,233	6	15,391	3,289	2,298	682	6,269	1,409	1,180	889	3,478	4,348
2,234	6	75,934	12,785	8,050	9,141	29,976	6,394	6,033	3,243	15,669	21,451
2,235	6	64,897	13,420	9,099	8,616	31,136	4,692	5,289	4,210	14,191	18,333
2,236	6	26,268	6,259	2,785	1,665	10,708	1,675	1,909	1,461	5,046	7,421
2,237	6	30,635	7,365	3,082	2,036	12,483	1,797	1,937	1,831	5,565	8,654
2,238	6	28,377	3,251	4,790	3,034	11,074	1,392	2,727	1,431	5,550	8,017
2,239	6	36,731	6,149	4,251	4,122	14,522	2,042	1,112	3,162	6,316	10,376
2,240	6	20,148	3,373	2,332	2,260	7,966	1,097	712	1,734	3,544	5,692
2,241	6	12,808	1,040	2,161	1,723	4,924	1,019	805	933	2,758	3,618
2,242	6	6,748	1,406	490	797	2,693	465	151	535	1,151	1,906
2,243	6	6,337	1,310	566	661	2,538	465	700	443	1,607	1,790
2,244	6	6,018	1,254	437	711	2,402	413	129	477	1,019	1,700
2,245	6	15,491	1,741	2,033	2,211	5,986	417	651	1,459	2,527	4,376
2,246	6	12,268	2,127	1,404	1,333	4,863	809	439	1,030	2,277	3,466
2,247	6	19,273	3,348	2,233	2,064	7,644	1,393	718	1,594	3,705	5,445
2,248	6	11,257	1,930	1,188	1,330	4,448	583	235	1,029	1,847	3,180
2,249	6	11,704	2,050	1,436	1,167	4,654	1,002	544	900	2,447	3,306
2,250	6	14,294	2,205	1,637	1,778	5,620	1,220	1,887	955	4,062	4,038
2,251	6	7,856	1,270	1,041	803	3,113	802	1,398	430	2,630	2,219
2,252	6	19,586	11,659	11,514	2,041	25,213	11,223	6,963	469	18,656	5,533
2,253	6	14,285	5,283	4,689	1,722	11,693	4,415	2,002	416	6,833	4,035
2,254	6	11,404	3,901	3,393	1,376	8,670	3,302	1,391	283	4,976	3,222
2,255	6	12,540	1,836	1,759	1,348	4,944	2,287	804	167	3,258	3,542
2,256	6	9,019	1,396	1,381	805	3,582	1,351	2,064	99	3,514	2,548
2,257	6	11,933	6,125	5,788	1,434	13,348	6,346	3,029	694	10,069	3,371
2,258	6	27,624	3,150	6,640	6,090	15,880	4,211	3,931	1,229	9,371	7,804
2,259	6	23,841	445	3,197	5,165	8,807	1,761	1,411	1,090	4,263	6,735
2,260	6	14,015	2,361	1,422	1,746	5,530	871	756	1,244	2,872	3,959
2,261	6	14,929	3,191	2,383	520	6,094	1,513	1,656	931	4,100	4,217
2,262	6	41,308	7,154	4,407	4,779	16,340	3,407	1,563	2,488	7,457	11,670
2,263	6	15,776	5,974	445	315	6,734	1,081	879	945	2,906	4,457
2,264	6	18,727	7,174	444	383	8,001	1,226	984	1,149	3,359	5,290
2,265	6	5,961	2,275	151	121	2,546	394	324	363	1,081	1,684
2,266	6	15,982	548	3,838	1,713	6,099	1,476	1,005	924	3,406	4,515
2,267	6	28,269	5,986	4,123	1,373	11,482	1,676	631	2,723	5,030	7,986
2,268	6	18,057	3,841	2,563	925	7,329	878	205	1,839	2,922	5,101
2,269	6	28,949	4,787	4,656	2,102	11,545	1,432	776	2,595	4,804	8,178
2,270	6	16,179	2,548	2,343	1,520	6,412	2,960	1,017	161	4,137	4,571
2,271	6	13,855	2,016	1,885	1,543	5,444	759	454	1,126	2,339	3,914
2,272	6	16,231	2,362	2,208	1,807	6,377	889	533	1,320	2,742	4,585
2,273	6	7,794	1,165	1,109	800	3,074	543	358	583	1,485	2,202
2,274	6	10,703	2,037	1,962	355	4,355	1,815	4,567	451	6,833	3,023
2,275	6	18,265	3,306	2,256	1,723	7,285	780	2,080	168	3,029	5,160
2,276	6	3,077	565	433	237	1,234	162	944	89	1,194	869
2,277	6	39,201	13,357	2,396	820	16,573	800	6,575	325	7,700	11,074
2,278	6	15,161	4,066	2,083	173	6,321	1,780	3,393	78	5,251	4,283
2,279	6	3,924	802	801	12	1,615	779	2,364	69	3,212	1,109
2,280	6	5,519	1,487	750	64	2,301	573	1,784	50	2,406	1,559
2,281	6	14,630	1,990	1,223	2,444	5,657	76	2,473	245	2,794	4,133
2,282	6	13,566	1,857	1,161	2,232	5,250	84	2,280	222	2,586	3,832
2,283	6	11,613	3,580	423	811	4,814	105	1,939	193	2,237	3,281

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,284	6	15,604	4,819	555	1,095	6,468	123	2,604	261	2,988	4,408
2,285	6	14,601	3,272	1,374	1,252	5,898	659	464	1,390	2,513	4,125
2,286	6	7,456	1,678	671	661	3,010	279	195	734	1,208	2,106
2,287	6	11,214	2,413	988	1,105	4,505	81	1,812	244	2,137	3,168
2,288	6	6,934	1,493	602	689	2,785	46	1,121	152	1,319	1,959
2,289	6	11,135	2,131	1,351	975	4,457	562	743	682	1,986	3,146
2,290	6	21,528	5,940	319	2,494	8,754	874	1,174	1,640	3,688	6,082
2,291	6	13,743	2,361	1,385	1,679	5,425	598	616	1,102	2,316	3,882
2,292	6	11,044	1,903	1,144	1,315	4,363	488	523	862	1,873	3,120
2,293	6	15,449	3,020	2,000	1,185	6,205	318	2,112	457	2,887	4,364
2,401	6	30,540	4,188	2,218	5,831	12,237	701	1,094	2,446	4,241	8,627
2,402	6	9,171	1,635	1,102	957	3,693	621	1,067	817	2,505	2,591
2,403	6	17,535	2,089	3,176	1,646	6,911	726	2,572	357	3,656	4,954
2,404	6	27,524	2,713	3,356	4,557	10,626	512	1,351	2,149	4,012	7,775
2,405	6	12,689	2,009	1,577	1,414	5,000	1,120	1,924	4,106	7,151	3,585
2,406	6	16,888	2,914	2,276	2,074	7,264	402	682	1,452	2,536	4,771
2,407	6	17,979	4,245	323	3,455	8,023	584	613	1,650	2,846	5,079
2,408	6	13,254	3,032	233	2,466	5,731	640	672	1,833	3,145	3,744
2,409	6	21,062	1,903	2,279	3,973	8,155	3,056	3,853	3,313	10,221	5,950
2,410	6	20,900	2,378	4,504	1,470	8,352	886	1,776	2,545	5,207	5,904
2,411	6	26,314	3,282	3,841	3,286	10,409	445	1,456	734	2,636	7,434
2,412	6	12,243	1,018	2,206	1,911	5,135	472	1,837	1,125	3,434	3,459
2,413	6	10,461	851	1,890	1,679	4,420	1,378	5,670	3,591	10,639	2,955
2,414	6	18,776	3,433	3,392	1,195	8,020	1,373	3,118	5,771	10,262	5,304
2,415	6	15,385	2,890	2,857	1,002	6,749	2,011	4,621	8,579	15,210	4,346
2,416	6	11,754	229	1,869	2,584	4,682	1,445	2,805	1,881	6,132	3,320
2,417	6	7,186	154	1,071	1,441	2,666	2,050	4,003	2,691	8,744	2,030
2,418	6	14,576	752	1,729	3,321	5,801	594	861	1,421	2,875	4,118
2,419	6	7,215	376	876	1,703	2,954	516	741	1,270	2,528	2,038
2,420	6	10,743	1,003	1,592	1,481	4,077	336	1,405	802	2,543	3,035
2,421	6	9,977	912	1,458	1,380	3,750	232	958	557	1,747	2,818
2,422	6	14,883	499	2,691	2,493	5,684	930	1,170	723	2,823	4,204
2,423	6	18,265	3,744	1,934	1,932	7,610	757	1,393	1,372	3,522	5,160
2,424	6	7,892	1,581	818	815	3,214	312	566	560	1,437	2,230
2,425	6	19,966	1,864	1,998	3,848	7,710	1,321	1,963	1,679	4,964	5,640
2,426	6	8,546	1,361	653	1,325	3,338	906	1,103	1,028	3,038	2,414
2,427	6	3,248	499	220	515	1,234	558	712	747	2,016	917
2,428	6	11,476	2,393	646	1,747	4,785	1,830	3,431	2,519	7,781	3,242
2,429	6	17,630	3,802	713	3,048	7,562	1,148	2,501	1,801	5,450	4,980
2,430	6	12,334	432	575	3,454	4,461	671	709	696	2,076	3,484
2,431	6	6,878	250	330	1,905	2,485	675	711	703	2,089	1,943
2,432	6	20,443	3,643	554	3,625	7,822	1,000	1,330	3,155	5,485	5,775
2,433	6	9,121	268	2,157	1,157	3,582	3,835	5,258	9,540	18,632	2,577
2,434	6	3,898	120	885	468	1,474	767	1,051	1,889	3,707	1,101
2,435	6	6,210	398	907	1,119	2,424	3,196	3,267	4,304	10,768	1,754
2,436	6	25,218	5,367	1,217	3,624	10,207	4,477	2,687	3,502	10,666	7,124
2,437	6	16,751	3,209	1,060	2,719	6,987	852	1,739	2,705	5,296	4,732
2,438	6	9,147	1,722	598	1,426	3,746	589	1,117	1,704	3,411	2,584
2,501	6	7,144	865	989	726	2,581	215	602	66	883	2,018
2,502	6	5,609	661	755	560	1,976	166	475	53	694	1,585
2,503	6	11,225	912	1,564	1,558	4,034	168	758	373	1,299	3,171
2,504	6	131	7	26	18	50	2	41	14	57	37
2,505	6	9,630	1,743	1,465	624	3,832	1,107	3,396	74	4,578	2,721
2,506	6	17,700	3,360	3,113	812	7,285	5,867	22,895	844	29,606	5,000
2,507	6	10,115	1,946	1,952	269	4,167	5,093	19,887	792	25,773	2,857
2,508	6	14,664	1,989	1,703	2,410	6,102	1,274	1,976	1,123	4,373	4,143
2,509	6	5,437	800	777	511	2,087	735	1,985	442	3,162	1,536
2,510	6	9,471	1,464	1,143	1,131	3,738	1,000	1,216	406	2,623	2,676
2,511	6	8,445	1,315	1,003	1,073	3,391	1,088	1,371	509	2,967	2,386
2,512	6	10,069	1,493	1,131	1,239	3,863	769	946	353	2,068	2,844
2,513	6	24,302	3,655	2,857	2,817	9,329	2,486	2,918	999	6,403	6,865
2,514	6	10,125	1,774	1,917	252	3,943	2,635	3,046	1,360	7,040	2,860
2,515	6	9,553	1,825	1,977	212	4,014	2,468	3,485	1,137	7,090	2,699
2,516	6	6,406	352	1,127	775	2,254	388	2,585	117	3,090	1,810
2,517	6	3,068	271	587	304	1,162	395	2,722	121	3,238	867
2,518	6	3,871	450	764	287	1,501	553	3,318	136	4,006	1,094
2,519	6	4,593	445	864	396	1,705	431	2,753	97	3,281	1,297
2,520	6	13,609	932	2,280	1,537	4,750	163	966	155	1,284	3,845
2,521	6	14,177	971	2,332	1,548	4,850	354	2,233	352	2,940	4,005
2,522	6	21,326	1,811	3,283	2,596	7,690	381	1,322	457	2,160	6,025
2,523	6	18,169	1,500	2,720	2,151	6,371	478	1,615	584	2,677	5,133
2,524	6	13,795	892	2,389	1,784	5,065	717	1,132	165	2,014	3,897
2,525	6	8,930	598	1,645	1,251	3,494	919	1,334	219	2,471	2,523
2,526	6	4,071	261	903	381	1,545	557	888	142	1,587	1,150
2,527	6	23,972	569	5,120	2,771	8,460	1,039	2,093	365	3,498	6,772

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,528	6	15,420	1,578	2,475	1,946	5,999	129	1,430	190	1,749	4,356
2,529	6	23,721	2,449	3,767	2,827	9,044	415	2,523	314	3,251	6,701
2,530	6	15,084	81	3,300	1,957	5,338	4,111	752	130	4,992	4,261
2,531	6	8,212	241	2,349	478	3,069	571	684	15	1,270	2,320
2,601	6	12,117	1,928	937	1,848	4,713	1,357	1,110	570	3,037	3,423
2,602	6	10,975	1,785	995	1,512	4,292	1,342	1,142	466	2,949	3,101
2,603	6	9,198	1,522	934	1,156	3,613	1,200	1,040	356	2,595	2,598
2,604	6	14,580	2,325	1,146	2,203	5,673	1,644	1,215	680	3,538	4,119
2,605	6	22,357	3,543	1,676	3,467	8,686	2,462	1,896	1,070	5,429	6,316
2,606	6	9,463	2,190	586	1,018	3,794	574	480	984	2,038	2,673
2,607	6	15,309	3,428	1,429	1,312	6,169	1,456	1,275	1,263	3,994	4,325
2,608	6	12,913	2,968	881	1,332	5,181	840	679	1,287	2,806	3,648
2,609	6	10,390	1,339	609	2,022	3,970	657	948	890	2,494	2,935
2,610	6	7,370	927	379	1,500	2,806	440	766	661	1,866	2,082
2,611	6	8,524	1,049	384	1,802	3,235	490	701	793	1,984	2,408
2,612	6	3,201	402	163	654	1,219	196	361	288	845	904
2,613	6	8,030	1,501	997	700	3,198	427	1,441	262	2,131	2,268
2,614	6	5,259	978	601	508	2,087	167	877	188	1,232	1,486
2,615	6	14,565	2,710	1,676	1,397	5,783	467	2,502	516	3,485	4,115
2,616	6	6,770	1,265	836	595	2,696	342	1,221	219	1,782	1,913
2,617	6	35,359	6,620	2,270	5,000	13,890	910	5,256	1,950	8,117	9,989
2,618	6	14,545	2,726	977	2,016	5,719	423	2,209	782	3,413	4,109
2,619	6	2,673	500	169	380	1,050	64	389	148	601	755
2,620	6	36,013	8,288	5,787	680	14,756	1,522	12,946	2,209	16,677	10,174
2,701	10	15,096	2,039	3,269	1,142	6,450	1,080	2,711	2,535	6,326	4,265
2,702	10	8,951	1,211	1,938	676	3,825	640	1,607	1,500	3,747	2,529
2,703	10	13,744	454	3,276	1,580	5,310	420	6,276	904	7,601	3,883
2,704	10	12,348	347	2,951	1,453	4,751	288	4,146	625	5,059	3,488
2,705	10	26,156	1,622	2,230	5,710	9,562	920	11,463	1,131	13,514	7,389
2,706	10	21,567	717	1,403	5,457	7,578	614	7,755	971	9,341	6,093
2,707	10	35,428	4,870	9,669	989	15,528	1,263	8,862	6,949	17,074	10,008
2,708	10	32,122	4,102	8,947	980	14,029	761	5,977	5,218	11,955	9,074
2,709	10	21,849	217	7,302	1,169	8,687	1,326	7,006	926	9,258	6,172
2,710	10	7,170	102	2,379	376	2,858	436	2,246	291	2,973	2,025
2,711	10	12,172	102	4,077	655	4,835	737	3,895	517	5,149	3,438
2,712	10	25,439	4,111	5,068	1,824	11,003	1,885	5,319	3,265	10,469	7,187
2,713	10	14,397	2,393	2,879	974	6,246	1,038	2,819	1,666	5,523	4,067
2,714	10	10,561	1,560	2,081	887	4,528	712	2,169	1,549	4,429	2,984
2,715	10	7,196	1,404	1,474	364	3,241	195	2,268	624	3,087	2,033
2,716	10	11,280	2,232	2,316	537	5,084	360	3,587	922	4,868	3,187
2,717	10	18,364	329	4,982	1,794	7,105	470	6,319	1,150	7,940	5,188
2,718	10	12,825	78	3,519	1,319	4,916	275	4,379	845	5,499	3,623
2,719	10	10,250	63	2,813	1,054	3,929	221	3,514	675	4,410	2,896
2,720	10	8,068	52	2,211	830	3,093	104	2,892	475	3,472	2,279
2,721	10	9,923	51	2,722	1,027	3,800	126	3,578	588	4,292	2,803
2,722	10	6,042	83	1,644	603	2,330	101	2,139	345	2,585	1,707
2,723	10	15,371	4,018	1,378	1,608	7,004	98	6,135	440	6,672	4,342
2,724	10	20,183	175	4,497	2,869	7,541	1,426	4,727	2,369	8,521	5,702
2,725	10	10,489	2,380	1,355	975	4,710	758	2,412	1,244	4,414	2,963
2,726	10	8,307	1,885	1,072	773	3,730	600	1,911	987	3,498	2,347
2,727	10	3,896	884	504	361	1,749	281	899	461	1,641	1,101
2,728	10	5,229	1,187	675	487	2,349	378	1,202	621	2,201	1,477
2,729	10	11,356	1,403	1,704	1,517	4,625	1,366	2,230	1,116	4,712	3,208
2,730	10	5,210	601	760	744	2,105	659	936	547	2,142	1,472
2,731	10	7,819	902	1,140	1,117	3,159	989	1,407	821	3,218	2,209
2,732	10	4,020	464	586	574	1,625	508	725	422	1,655	1,136
2,733	10	2,743	316	400	392	1,108	347	494	288	1,129	775
2,734	10	10,435	522	2,257	1,287	4,066	108	2,735	1,291	4,135	2,948
2,735	10	9,629	419	2,083	1,228	3,730	101	2,717	1,344	4,162	2,720
2,736	10	9,008	97	2,191	1,125	3,413	516	2,853	404	3,773	2,545
2,737	10	10,211	80	2,487	1,291	3,858	530	2,964	420	3,914	2,884
2,738	10	9,208	95	2,240	1,152	3,487	480	2,663	377	3,520	2,601
2,739	10	14,982	170	3,642	1,866	5,678	861	4,789	674	6,324	4,232
2,740	10	8,648	94	2,103	1,079	3,277	417	2,322	327	3,065	2,443
2,741	10	17,829	1,078	5,059	1,159	7,296	594	4,546	2,407	7,547	5,037
2,742	10	14,684	908	4,158	947	6,013	497	3,774	1,994	6,265	4,148
2,743	10	12,903	782	3,660	838	5,280	436	3,336	1,764	5,536	3,645
2,744	10	15,493	1,413	2,535	2,206	6,154	458	4,341	1,832	6,631	4,377
2,745	10	6,832	638	1,123	958	2,719	208	1,905	796	2,909	1,930
2,746	10	11,601	1,064	1,900	1,646	4,610	343	3,237	1,367	4,947	3,277
2,747	10	12,849	2,508	1,670	1,413	5,591	397	3,471	1,652	5,521	3,630
2,748	10	14,216	362	4,561	789	5,711	125	5,543	525	6,194	4,016
2,749	10	5,692	631	1,521	278	2,430	121	2,062	264	2,446	1,608
2,750	10	8,974	1,080	2,362	407	3,849	239	3,273	387	3,899	2,535
2,751	10	5,841	685	1,545	272	2,501	142	2,125	258	2,525	1,650

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,752	10	10,169	1,247	2,022	980	4,250	318	2,756	1,247	4,322	2,873
2,753	10	10,864	1,484	2,178	926	4,588	425	2,966	1,179	4,570	3,069
2,754	10	7,739	933	1,537	759	3,229	230	2,113	966	3,309	2,186
2,755	10	8,398	2,128	1,463	356	3,947	423	2,229	907	3,559	2,373
2,756	10	11,016	2,791	1,921	465	5,177	554	2,955	1,184	4,692	3,112
2,757	10	8,161	2,068	1,422	346	3,836	411	2,176	881	3,468	2,306
2,758	10	9,319	2,083	197	1,669	3,949	232	3,178	692	4,102	2,633
2,759	10	8,159	1,814	82	1,546	3,442	185	2,685	640	3,510	2,305
2,760	10	10,979	2,403	1,791	764	4,959	545	2,142	1,969	4,656	3,102
2,761	10	7,391	1,626	1,222	492	3,339	398	1,413	1,268	3,079	2,088
2,762	10	5,011	147	1,303	507	1,957	98	707	1,336	2,141	1,416
2,763	10	7,142	204	1,859	725	2,788	139	1,007	1,911	3,058	2,018
2,764	10	9,881	282	2,572	1,003	3,857	192	1,394	2,643	4,229	2,791
2,765	10	2,455	72	638	248	958	48	348	655	1,051	694
2,766	10	2,805	81	730	284	1,095	55	395	750	1,200	792
2,767	10	1,258	39	327	126	492	25	179	333	536	355
2,768	10	5,993	828	991	675	2,494	350	1,316	904	2,570	1,693
2,769	10	5,187	631	818	674	2,123	271	1,023	904	2,199	1,465
2,770	10	4,770	612	767	585	1,964	243	1,024	786	2,053	1,348
2,771	10	7,262	941	1,171	881	2,994	396	1,555	1,182	3,132	2,052
2,772	10	15,001	962	2,493	2,334	5,788	549	4,084	1,766	6,400	4,238
2,773	10	11,083	714	1,842	1,721	4,278	405	3,021	1,303	4,729	3,131
2,774	10	12,327	1,827	1,969	1,386	5,181	315	3,965	988	5,269	3,482
2,851	19	3,485	333	367	331	1,031	287	294	565	1,146	984
2,852	19	3,148	306	336	305	947	265	215	521	1,001	889
2,853	19	9,292	1,489	587	743	2,820	748	642	1,746	3,137	2,625
2,854	19	9,487	1,374	572	669	2,615	685	2,860	1,572	5,117	2,680
2,855	19	4,911	298	185	781	1,265	329	524	831	1,684	1,387
2,861	9	11,837	2,261	1,535	372	4,168	1,241	701	2,836	4,778	3,344
2,862	9	9,629	1,829	1,250	301	3,379	1,010	605	2,293	3,908	2,720
2,863	9	3,262	596	425	98	1,120	343	235	748	1,327	922
2,864	9	8,261	1,564	1,073	257	2,894	861	508	1,961	3,329	2,334
2,865	9	10,972	2,090	1,423	344	3,857	1,152	651	2,621	4,424	3,100
2,871	18	5,844	591	937	1,076	2,604	860	2,446	557	3,863	1,651
2,872	18	4,920	547	394	834	1,775	359	648	160	1,168	1,390
2,873	18	2,239	395	250	379	1,024	628	1,221	274	2,123	633
2,874	18	7,197	729	1,176	1,199	3,104	709	1,887	254	2,850	2,033
2,875	18	7,052	478	1,038	1,175	2,690	726	1,726	279	2,731	1,992
2,876	18	5,330	346	777	888	2,011	331	831	125	1,288	1,506
2,877	18	9,806	2,077	1,400	727	4,204	808	1,604	496	2,907	2,770
2,878	18	8,129	862	768	1,292	2,922	426	779	342	1,547	2,296
2,879	18	10,744	1,158	1,024	1,707	3,889	566	908	452	1,926	3,035
2,880	18	12,947	1,501	1,285	2,057	4,844	796	1,458	616	2,870	3,658
2,891	18	4,626	628	298	814	1,740	307	431	538	1,276	1,307
2,892	18	3,016	698	314	328	1,340	323	258	372	952	852
2,893	18	6,744	1,030	457	1,013	2,500	1,789	887	231	2,907	1,905
2,894	18	5,656	760	333	850	1,942	1,456	706	194	2,357	1,598
2,895	18	3,825	178	106	979	1,264	384	325	395	1,105	1,081
2,896	18	8,112	246	162	2,076	2,483	763	665	838	2,266	2,292
2,901	18	1,789	59	40	494	592	10	306	515	831	505
2,902	18	1,220	45	29	337	411	8	209	351	567	345
2,911	12	10,591	2,386	361	785	3,532	1,182	858	592	2,632	2,992
2,912	12	5,485	1,226	163	408	1,797	615	423	308	1,346	1,549
2,913	12	9,372	883	697	491	2,071	122	1,161	732	2,015	2,648
2,914	12	7,147	1,455	876	533	2,864	369	1,002	320	1,691	2,019
2,915	9	10,307	1,462	1,201	950	3,613	1,062	1,665	416	3,143	2,912
2,916	9	11,877	1,760	1,334	1,144	4,238	1,169	1,481	486	3,136	3,355
2,917	9	9,844	1,670	1,261	1,086	4,017	1,060	1,480	461	3,001	2,781
2,918	9	4,064	940	824	611	2,375	719	745	245	1,709	1,148
2,919	9	8,445	1,437	1,177	934	3,547	1,022	1,079	441	2,543	2,386
2,920	9	15,325	2,452	1,846	1,593	5,891	1,556	2,013	744	4,313	4,329
2,921	9	8,513	1,371	1,047	891	3,309	853	1,011	414	2,278	2,405
2,922	12	12,884	64	259	3,102	3,425	573	1,342	1,720	3,635	3,640
2,923	12	3,270	24	73	685	782	127	342	385	853	924
2,924	12	6,038	33	135	1,630	1,799	301	695	896	1,893	1,706
2,925	12	3,505	30	80	609	720	113	419	351	882	990
2,926	12	43,451	10,404	4,912	3,712	19,029	2,003	5,851	3,959	11,814	12,275
2,927	12	16,188	3,705	1,896	1,278	6,879	689	4,797	1,434	6,920	4,573
2,928	12	12,128	949	1,662	1,396	4,007	241	382	1,599	2,222	3,426
2,929	12	6,645	1,370	787	614	2,771	220	1,052	457	1,729	1,877
2,930	13	8,685	1,714	773	756	3,242	2,692	1,059	812	4,563	2,453
2,931	12	17,641	3,806	2,750	1,474	8,029	5,024	3,140	1,173	9,337	4,984
2,932	12	19,195	3,552	2,129	1,556	7,237	543	3,096	1,168	4,807	5,423
2,933	13	1,431	497	71	69	637	1,369	863	421	2,653	404
2,934	12	2,675	529	317	232	1,077	83	501	176	760	756

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,935	13	7,152	573	559	1,255	2,387	693	1,746	1,130	3,570	2,020
2,936	12	7,875	336	730	1,162	2,228	295	1,076	606	1,977	2,225
2,937	12	20,511	848	1,879	3,166	5,893	843	2,708	1,703	5,255	5,794
2,938	12	4,034	178	386	608	1,172	219	675	429	1,323	1,140
2,939	12	7,018	249	1,005	865	2,120	226	580	790	1,596	1,983
2,940	12	8,864	346	1,243	977	2,566	287	1,371	1,016	2,674	2,504
2,941	9	6,039	986	713	66	1,766	349	372	352	1,073	1,706
2,942	9	14,918	2,841	2,079	1,847	6,767	1,656	2,076	980	4,713	4,214
2,943	13	25,550	3,652	2,975	2,761	9,389	2,335	1,248	2,330	5,913	7,218
2,944	13	23,315	3,211	2,611	2,423	8,245	3,796	1,467	3,148	8,410	6,586
2,945	13	715	308	63	58	429	763	357	320	1,440	202
2,946	12	8,122	1,371	1,204	810	3,385	233	773	623	1,629	2,294
2,947	12	3,146	633	608	334	1,575	112	371	292	775	889
2,948	12	13,235	2,257	2,025	1,301	5,583	434	1,445	1,145	3,024	3,739
2,949	12	4,191	620	519	386	1,525	104	531	577	1,212	1,184
2,991	10	9,743	1,246	2,033	802	4,081	1,469	5,577	1,659	8,704	2,753
2,992	10	13,574	1,840	2,948	1,139	5,926	1,500	5,901	1,688	9,088	3,835
2,993	10	17,975	2,631	4,743	2,077	9,451	2,384	10,360	3,072	15,816	5,078
2,994	10	11,551	2,189	2,328	352	4,869	1,293	3,916	530	5,739	3,263
2,995	10	19,365	2,751	4,132	1,468	8,352	1,825	6,263	1,732	9,820	5,471
2,996	10	6,168	515	1,115	565	2,195	658	2,519	837	4,014	1,743
2,997	10	23,140	2,777	4,612	1,857	9,246	2,304	8,375	2,422	13,101	6,537
2,998	10	16,672	1,878	3,980	1,657	7,515	1,489	9,172	1,541	12,203	4,710
2,999	10	27,944	2,896	7,458	3,491	13,845	2,712	15,440	3,008	21,160	7,894
3,000	10	11,555	1,446	2,533	899	4,878	963	6,640	887	8,490	3,264
3,001	10	863	139	167	32	337	65	326	27	417	244
3,002	10	4,064	434	770	277	1,481	293	1,875	261	2,428	1,148
3,003	10	40,321	4,271	10,277	4,637	19,184	4,647	27,832	5,147	37,626	11,391
3,004	10	21,154	2,164	5,241	2,373	9,778	2,074	12,336	2,291	16,701	5,976
3,005	10	2,878	435	614	175	1,224	264	1,352	428	2,044	813
3,006	10	7,728	1,483	1,659	273	3,415	990	4,097	1,500	6,587	2,183
3,007	10	10,081	1,704	2,188	526	4,418	753	3,573	1,032	5,357	2,848
3,008	10	10,000	1,494	2,068	574	4,136	837	4,295	1,482	6,614	2,825
3,009	10	9,228	1,597	1,913	389	3,899	818	3,535	1,057	5,410	2,607
3,010	10	409	77	83	12	172	20	304	29	353	116
3,011	10	6,782	1,140	1,478	362	2,980	475	2,281	817	3,574	1,916
3,012	10	6,200	1,058	1,513	443	3,013	435	2,476	908	3,818	1,752
3,013	10	7,653	1,186	1,440	304	2,929	571	2,530	743	3,844	2,162
3,014	10	5,535	939	1,106	214	2,259	295	1,801	471	2,568	1,564
3,015	10	2,852	470	633	167	1,270	244	1,277	408	1,929	806
3,016	10	1,911	464	405	-	869	182	883	8	1,073	540
3,017	10	3,005	488	601	131	1,220	172	978	303	1,453	849
3,018	10	1,164	252	241	15	508	181	784	38	1,003	329
3,019	10	2,703	445	649	195	1,289	222	1,334	477	2,032	763
3,020	10	2,419	384	499	123	1,005	222	1,107	300	1,630	683
3,021	10	1,152	155	218	63	435	80	423	153	656	325
3,022	10	28,651	3,855	5,442	1,559	10,856	2,057	10,741	3,798	16,595	8,094
3,023	10	8,056	1,568	1,621	188	3,377	621	2,195	399	3,215	2,276
3,024	10	15,145	2,476	3,503	1,007	6,987	1,012	5,540	1,820	8,372	4,278
3,025	10	25,154	4,050	5,457	1,442	10,949	2,253	12,680	4,109	19,042	7,106
3,026	10	14,180	1,530	1,268	2,541	5,338	787	7,056	1,490	9,332	4,006
3,027	10	7,083	948	805	873	2,627	333	4,301	542	5,176	2,001
3,071	6	56,597	1,998	9,751	9,235	20,983	6,666	9,848	364	16,878	15,989
3,072	6	14,477	926	2,451	1,757	5,135	1,417	4,504	69	5,989	4,090
3,073	6	6,529	742	1,286	582	2,610	611	4,387	23	5,021	1,845
3,074	6	6,391	241	1,260	1,216	2,717	855	974	48	1,876	1,805
3,075	6	4,275	533	552	669	1,753	658	542	10	1,210	1,208
3,076	6	6,650	1,048	1,124	540	2,713	1,007	2,357	8	3,371	1,879
3,077	6	6,425	801	818	1,244	2,863	1,100	751	18	1,868	1,815
3,078	6	8,584	1,002	1,030	1,425	3,457	1,287	941	20	2,248	2,425
3,079	6	4,976	677	712	639	2,028	804	808	9	1,621	1,406
3,080	6	940	465	502	178	1,145	153	1,216	3	1,371	266
3,081	6	8,419	1,318	1,409	759	3,486	1,370	1,949	11	3,329	2,378
3,082	6	7,118	1,173	1,273	303	2,750	1,841	1,738	4	3,583	2,011
3,083	6	3,037	501	539	224	1,264	994	1,004	3	2,001	858
3,084	6	11,320	1,913	2,079	434	4,426	3,076	2,354	6	5,436	3,198
3,085	6	13,029	2,651	2,427	427	5,504	3,422	2,893	191	6,507	3,681
3,101	15	8,199	1,263	983	526	2,773	2,508	5,504	553	8,566	2,316
3,102	15	13,381	2,582	1,659	1,076	5,317	1,817	2,390	764	4,972	3,780
3,103	15	3,636	581	372	242	1,195	310	1,053	198	1,560	1,027
3,104	15	908	229	144	95	467	79	171	58	307	256
3,105	15	5,649	1,130	741	471	2,342	1,444	545	296	2,285	1,596
3,106	15	13,323	2,287	1,514	953	4,754	2,764	4,069	713	7,546	3,764
3,107	15	6,838	1,398	872	582	2,852	1,040	691	346	2,076	1,932
3,108	15	11,288	282	927	1,385	2,595	3,471	2,622	901	6,995	3,189

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
3,109	15	1,602	40	137	194	371	306	431	130	867	453
3,121	9	2,384	431	298	71	800	163	100	346	608	674
3,122	17	1,25,534	10,534	29,064	13,299	52,897	1,815	26,115	15,087	43,017	35,463
3,123	16	42,859	3,860	6,883	5,124	15,867	1,844	20,901	19,216	41,961	12,108
3,124	17	83,095	7,510	4,327	19,692	31,528	2,788	16,650	7,344	26,783	23,474
3,125	17	69,958	10,308	4,573	3,552	18,432	1,676	16,164	7,208	25,047	19,763
3,126	18	17,594	786	3,418	2,807	7,011	4,500	4,402	120	9,023	4,970
3,127	18	24,894	1,819	3,240	3,876	8,936	190	504	3,885	4,579	7,032
3,128	18	26,613	2,757	3,739	3,946	10,441	1,844	3,211	2,802	7,856	7,518
3,129	18	23,182	2,045	3,005	3,308	8,358	1,443	2,345	2,364	6,152	6,549
3,130	18	173	96	48	39	183	48	53	11	112	49
3,131	18	-	190	92	-	282	324	599	-	923	-
3,132	18	37,421	6,178	5,854	2,724	14,755	5,612	6,539	1,851	14,002	10,571
3,133	18	-	21	10	-	31	10	14	-	24	-
3,134	19	1,37,928	19,723	17,848	18,929	56,500	11,887	13,708	20,818	46,412	38,965
3,135	18	3,988	1,170	769	448	2,387	431	865	187	1,482	1,127
3,136	18	6,872	979	876	895	2,750	420	1,067	676	2,164	1,941
3,137	18	57,951	6,555	6,081	6,485	19,121	3,052	350	8,383	11,785	16,371

Annexure 7-3

Planning parameters for 2031: MMR Area (DRAFT RP Scenario)

ANNEXURE 7-3: PLANNING PARAMETERS FOR 2031: MMR AREA (DRAFT RP SCENARIO)

Table 1: Planning Parameters 2031 (Draft RP Scenario)

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1	1	1,156	322	17	266	604	415	61	353	829	327
2	1	7,762	2,050	317	1,607	3,975	4,739	328	1,181	6,247	2,193
3	1	19,685	5,414	728	3,575	9,717	3,508	223	1,993	5,723	5,561
4	1	23,423	6,527	866	4,254	11,646	5,320	284	2,542	8,145	6,617
5	1	17,771	4,886	657	3,227	8,771	3,954	255	2,277	6,486	5,020
6	1	5,824	2,143	426	269	2,839	8,541	904	6,555	16,000	1,645
7	1	4,513	1,289	191	853	2,333	4,849	881	2,421	8,151	1,275
8	1	2,220	548	42	629	1,219	2,093	227	7,111	9,431	627
9	1	13,136	3,261	247	3,698	7,207	9,546	2,675	13,265	25,486	3,711
10	1	3,079	953	146	631	1,730	43,520	2,802	7,513	53,835	870
11	1	2,314	854	110	474	1,437	35,540	2,221	5,955	43,716	654
12	1	15,150	3,571	611	2,291	6,473	55,844	1,760	6,247	63,851	4,280
13	1	4,884	1,318	241	826	2,385	14,047	2,352	5,969	22,369	1,380
14	1	1,482	361	127	213	701	4,880	965	3,435	9,279	419
15	1	1,966	442	77	292	812	17,413	1,680	8,873	27,966	555
16	1	5,929	1,951	285	711	2,947	5,331	3,578	4,750	13,658	1,675
17	1	3,974	1,449	78	658	2,186	16,180	870	10,563	27,613	1,123
18	1	29,038	1,442	96	949	2,487	48,284	2,027	11,739	62,050	8,203
19	1	12,198	440	333	1,113	1,886	23,740	6,783	8,846	39,369	3,446
20	1	5,836	1,485	132	956	2,574	12,555	3,489	4,593	20,638	1,649
21	1	6,548	837	219	1,707	2,763	4,511	1,744	5,049	11,303	1,850
22	1	2,708	924	56	183	1,163	1,827	851	2,728	5,407	765
23	1	4,196	132	346	1,263	1,741	6,790	3,586	3,840	14,216	1,185
24	1	7,212	962	99	2,434	3,495	21,637	3,636	4,870	30,144	2,038
25	1	14,426	3,075	636	2,213	5,924	5,093	2,799	2,080	9,972	4,075
26	1	6,441	1,115	72	1,502	2,689	3,209	28	1,234	4,471	1,820
27	1	7,255	2,281	100	595	2,976	4,160	25	1,204	5,388	2,050
28	1	10,143	2,421	46	1,825	4,292	3,632	683	1,839	6,154	2,865
29	1	8,287	717	59	2,754	3,529	4,975	333	361	5,670	2,341
30	1	9,238	553	140	880	1,572	4,209	72	1,323	5,604	2,610
31	1	8,236	2,488	425	971	3,883	2,687	85	1,807	4,578	2,327
32	1	3,375	847	223	475	1,546	864	160	808	1,832	954
33	1	3,453	294	202	1,153	1,649	4,552	148	1,789	6,490	975
34	1	6,209	1,050	485	923	2,458	4,645	279	1,739	6,664	1,754
35	1	3,604	506	263	683	1,452	2,961	230	1,529	4,720	1,018
36	1	8,688	1,078	460	2,148	3,686	5,492	975	3,011	9,478	2,454
37	1	5,125	1,437	-	982	2,419	3,281	-	5,889	9,170	1,448
38	1	3,025	454	19	947	1,419	1,974	-	3,504	5,477	855
39	1	8,793	962	176	2,872	4,010	2,697	-	9,103	11,800	2,484
40	1	3,530	168	127	1,170	1,464	4,243	290	10,293	14,826	997
41	1	4,696	894	185	832	1,912	4,349	1,494	8,430	14,272	1,327
42	1	6,237	1,075	184	1,346	2,604	2,032	375	13,443	15,850	1,762
43	1	4,156	221	212	1,226	1,659	1,724	471	10,360	12,556	1,174
44	1	4,518	581	154	1,137	1,872	5,700	267	6,060	12,028	1,276
45	1	2,916	1,019	133	1,114	2,265	18,426	295	23,619	42,340	824
46	1	3,123	1,091	-	1,481	2,573	16,031	3,487	23,977	43,495	882
47	1	1,308	362	148	415	925	10,708	2,037	3,121	15,866	369
48	1	2,141	549	136	944	1,629	32,357	572	5,211	38,140	605
49	1	2,995	509	258	692	1,459	5,291	521	3,603	9,415	846
50	1	2,368	421	134	663	1,218	4,285	333	2,316	6,934	669
51	1	2,166	658	122	323	1,103	2,404	238	1,972	4,614	612
52	1	2,291	515	108	592	1,215	4,013	264	4,855	9,132	647
53	1	4,784	1,748	114	778	2,640	10,237	410	8,133	18,779	1,351
54	1	4,898	1,370	242	984	2,597	6,221	788	4,361	11,370	1,384
55	1	7,428	1,937	356	1,645	3,938	7,370	145	3,838	11,353	2,098
56	1	7,956	809	315	3,120	4,243	6,884	260	2,563	9,706	2,248
57	1	8,157	2,374	360	1,532	4,265	5,137	1,072	5,740	11,949	2,304
58	1	1,377	323	55	179	557	1,829	554	1,623	4,006	389
59	1	12,098	3,528	536	2,057	6,121	11,976	458	7,149	19,583	3,418
60	1	9,379	2,244	257	2,398	4,899	9,674	429	2,402	12,505	2,649
61	1	3,444	753	183	773	1,710	2,333	376	1,855	4,563	973
62	1	3,742	894	160	841	1,895	2,090	289	2,586	4,965	1,057
63	1	2,409	599	126	469	1,194	1,242	85	1,673	3,001	681
64	1	5,016	1,317	55	1,330	2,703	2,537	114	3,591	6,242	1,417
65	1	4,620	616	112	1,715	2,443	3,583	184	2,436	6,203	1,305
66	1	6,671	1,569	300	1,102	2,971	3,030	1,715	3,269	8,014	1,885
67	1	5,284	1,441	363	415	2,219	4,401	257	1,467	6,125	1,493
68	1	3,776	698	84	983	1,765	2,869	78	996	3,943	1,067
69	1	2,849	448	82	781	1,311	841	51	1,662	2,555	805
70	1	2,434	405	77	631	1,113	661	26	1,136	1,823	687
71	1	3,470	549	100	952	1,600	552	58	4,739	5,348	980
72	1	6,889	1,779	106	1,376	3,262	2,053	237	5,010	7,299	1,946
73	1	3,675	960	185	470	1,615	1,169	55	1,637	2,862	1,038
74	1	6,601	483	565	1,631	2,679	2,494	394	2,333	5,221	1,865
75	1	5,396	2,136	135	542	2,813	9,205	1,204	2,374	12,783	1,524
76	1	2,850	1,046	127	228	1,401	1,757	120	636	2,514	805
77	1	928	246	19	215	480	865	7	275	1,147	262
78	1	6,883	2,047	510	599	3,156	4,971	79	951	6,000	1,945
79	1	742	340	14	27	381	215	56	374	645	210
80	1	7,453	1,486	126	2,279	3,892	5,759	43	1,405	7,207	2,106
81	1	1,301	481	59	250	790	3,492	220	5,315	9,026	368
82	1	6,395	703	214	2,509	3,426	8,039	1,144	12,102	21,285	1,807
83	1	3,080	346	227	1,070	1,643	8,011	1,470	1,802	11,284	870
84	1	5,129	2,650	159	187	2,995	13,533	2,652	4,333	20,518	1,449
85	1	6,257	3,000	60	562	3,622	1,462	274	1,762	3,498	1,768
86	1	7,655	2,219	121	2,044	4,384	768	165	2,088	3,021	2,163
87	1	4,751	2,599	28	96	2,723	232	46	1,387	1,665	1,342
88	1	9,499	2,594	228	2,519	5,342	1,311	283	1,398	2,992	2,683
89	1	10,431	5,759	138	24	5,920	2,368	503	2,886	5,757	2,947
90	1	10,286	5,585	143	61	5,788	1,937	78	1,790	3,806	2,906
91	1	4,648	1,752	295	187	2,235	3,078	112	1,257	4,447	1,313
92	1	5,950	1,622	305	996	2,923	1,896	599	2,888	5,382	1,681
93	1	4,236	1,167	159	860	2,185	2,335	205	1,474	4,014	1,197
94	1	5,720	2,093	197	827	3,116	6,307	72	3,434	9,813	1,616
95	1	3,986	1,441	67	629	2,137	1,708	39	1,344	3,091	1,126
96	1	35,498	11,909	603	6,510	19,022	17,694	1,318	11,660	30,671	10,028
97	1	10,282	2,325	520	2,335	5,179	3,369	1,249	2,839	7,457	2,905
98	1	19,790	8,316	386	1,818	10,520	8,606	436	8,889	17,931	5,591
99	1	5,897	1,190	325	1,167	2,682	1,291	582	1,373	3,246	1,666
100	1	4,069	961	226	810	1,996	3,180	242	622	4,044	1,149
101	1	3,824	830	141	1,044	2,015	9,666	2,512	4,502	16,680	1,080
102	1	4,653	972	361	627	1,960	122	10	10	142	1,315
103	1	16,516	3,767	511	3,537	7,814	7,188	336	2,286	9,810	4,666
104	1	21,920	7,537	1,133	1,111	9,780	4,016	947	3,753	8,716	6,192
105	1	10,792	1,238	1,051	2,719	5,008	9,108	608	2,904	12,620	3,049
106	1	13,879	2,484	892	2,849	6,226	3,010	441	3,048	6,499	3,921
107	1	13,725	1,572	960	3,560	6,092	5,200	1,824	4,177	11,202	3,877
108	1	11,215	2,248	490	2,957	5,695	3,167	1,845	2,315	7,327	3,168
109	1	4,464	1,038	595	465	2,098	3,653	1,471	2,699	7,822	1,261
110	1	6,892	1,201	353	1,430	2,983	1,681	51	3,489	5,222	1,947
111	1	7,128	1,633	110	1,548	3,291	4,042	558	5,447	10,047	2,014
112	1	4,545	271	87	1,695	2,053	1,666	235	1,452	3,353	1,284
113	1	4,992	163	57	2,074	2,294	622	105	1,601	2,328	1,410
114	1	13,014	462	1,019	3,570	5,051	588	217	5,612	6,416	3,676
115	1	2,902	507	169	384	1,060	2,841	140	637	3,619	820
116	1	5,097	621	145	1,247	2,014	2,889	394	1,244	4,527	1,440
117	1	6,599	1,149	266	1,099	2,515	148	180	4,673	5,001	1,864
118	1	3,356	393	129	770	1,292	71	83	1,898	2,052	948
119	1	1,940	259	48	466	773	179	164	1,515	1,857	548
120	1	1,702	54	40	593	687	78	157	1,332	1,567	481
121	1	11,179	1,429	1,938	411	3,778	5,610	348	3,996	9,954	3,158
122	1	12,589	952	650	4,260	5,862	2,867	920	3,600	7,387	3,556
123	1	12,597	1,845	1,170	2,312	5,327	4,626	1,619	1,959	8,204	3,559
124	1	37,076	6,743	2,278	7,835	16,856	13,367	2,982	6,193	22,543	10,474
125	1	20,460	2,573	715	6,577	9,865	6,823	1,335	7,215	15,374	5,780
126	1	13,075	2,853	829	2,300	5,981	4,387	961	5,490	10,838	3,694
127	1	10,135	1,518	1,359	941	3,818	3,162	186	2,743	6,091	2,863
128	1	4,424	685	264	1,065	2,014	929	195	1,660	2,784	1,250
129	1	2,612	636	126	566	1,328	2,719	503	1,075	4,297	738
130	1	6,299	1,233	75	1,884	3,192	6,564	820	2,399	9,784	1,780
131	1	5,101	1,039	168	1,269	2,476	4,210	1,672	3,250	9,132	1,441
132	1	6,149	919	365	1,503	2,788	5,929	719	2,447	9,095	1,737
133	1	6,691	1,974	389	666	3,030	6,228	951	3,190	10,370	1,890
134	1	3,971	1,104	56	878	2,038	2,782	721	2,290	5,793	1,122
135	1	4,696	1,117	226	866	2,209	4,446	1,561	1,459	7,465	1,327
136	1	24,591	7,082	836	3,338	11,257	4,926	1,272	3,682	9,881	6,947
137	1	18,376	7,761	162	1,038	8,961	3,909	467	3,395	7,770	5,191
138	1	53,959	10,905	965	13,876	25,746	13,435	647	6,663	20,745	15,244
139	1	22,064	4,558	1,175	4,012	9,745	7,322	2,725	1,036	11,083	6,233
140	1	5,761	1,275	547	479	2,301	1,768	274	789	2,830	1,627
141	1	63,719	11,307	2,457	9,356	23,120	14,895	754	9,014	24,663	18,001
142	1	52,001	8,958	3,172	4,450	16,580	17,007	981	6,474	24,462	14,690

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
143	1	22,401	1,614	1,245	4,495	7,354	4,159	533	3,674	8,366	6,328
144	1	47,097	8,161	2,701	5,271	16,133	4,182	1,662	6,891	12,735	13,305
145	1	37,790	6,594	1,433	5,537	13,565	1,558	1,020	6,632	9,209	10,676
146	1	8,990	1,633	577	1,677	3,887	1,933	597	809	3,339	2,540
147	1	12,190	2,568	783	2,273	5,624	5,915	640	867	7,422	3,444
148	1	7,677	1,295	399	1,160	2,854	1,556	898	1,216	3,671	2,169
149	1	20,301	4,629	950	3,671	9,249	4,066	567	5,427	10,061	5,735
150	1	8,783	1,324	613	1,800	3,738	1,709	391	1,359	3,459	2,481
151	1	19,310	981	580	7,650	9,211	7,696	457	2,029	10,182	5,455
152	1	11,819	3,399	485	1,719	5,603	5,116	490	5,625	11,231	3,339
153	1	7,375	1,876	260	1,236	3,372	1,674	94	1,041	2,809	2,084
154	1	10,880	2,746	1,091	961	4,798	10,639	1,870	5,641	18,151	3,074
155	1	8,858	2,079	541	1,358	3,978	3,761	695	1,003	5,460	2,502
156	1	15,323	3,343	1,372	1,714	6,429	3,708	1,925	3,952	9,585	4,329
157	1	3,210	567	279	581	1,427	4,449	959	1,573	6,981	907
158	1	17,632	3,099	2,048	1,852	6,998	8,990	2,088	2,860	13,939	4,981
159	1	16,307	3,847	749	3,039	7,634	6,268	1,399	2,146	9,813	4,607
160	1	11,704	2,566	575	2,219	5,361	1,479	463	4,637	6,579	3,306
161	1	21,444	3,389	1,734	3,835	8,958	2,190	854	1,782	4,827	6,058
162	1	14,815	1,893	1,013	3,514	6,420	2,244	547	1,891	4,683	4,185
163	1	14,915	3,065	372	4,413	7,850	16,866	2,264	6,009	25,139	4,214
164	1	2,575	662	223	310	1,195	1,341	373	159	1,874	728
165	1	17,653	1,891	1,538	4,614	8,043	37,338	3,807	7,404	48,549	4,987
166	1	10,400	2,806	473	2,045	5,323	5,304	501	1,656	7,462	2,938
167	1	16,748	3,060	1,682	1,910	6,652	1,655	617	1,925	4,196	4,731
168	1	13,211	2,259	962	2,396	5,617	1,213	770	1,277	3,260	3,732
169	1	6,583	1,065	334	1,544	2,943	942	139	906	1,987	1,860
170	1	1,944	352	170	311	833	617	112	269	997	549
171	1	4,714	1,128	361	545	2,033	1,181	855	1,450	3,486	1,332
172	1	6,404	1,343	409	1,130	2,883	6,446	2,049	3,264	11,759	1,809
173	1	5,308	1,160	592	332	2,083	1,688	835	861	3,385	1,500
174	1	4,883	1,003	359	745	2,107	660	412	1,373	2,446	1,380
175	1	5,742	2,294	78	457	2,829	2,482	535	1,054	4,070	1,622
176	1	28,458	6,491	1,126	5,777	13,394	11,394	892	5,180	17,466	8,039
177	1	5,973	1,437	420	725	2,582	1,122	29	1,943	3,094	1,687
178	1	7,069	520	1,243	552	2,315	1,457	34	2,426	3,917	1,997
179	1	18,470	4,317	712	4,224	9,253	10,206	1,719	4,549	16,474	5,218
180	1	21,709	2,003	2,430	4,982	9,414	7,921	1,306	7,385	16,612	6,133
181	1	20,951	1,946	1,531	6,316	9,793	5,933	1,082	4,721	11,736	5,919
182	1	24,833	2,324	1,815	7,487	11,626	7,718	1,379	6,015	15,111	7,015
183	1	12,760	1,195	933	3,847	5,974	4,765	864	3,767	9,395	3,605
184	1	6,751	710	493	2,035	3,238	2,519	351	1,532	4,402	1,907
185	1	2,801	301	205	844	1,350	1,727	252	1,101	3,081	791
186	1	14,818	2,301	990	3,778	7,069	6,542	1,821	5,547	13,910	4,186
187	1	16,903	3,491	935	3,851	8,278	6,497	3,434	1,996	11,926	4,775
188	1	13,396	2,709	741	3,052	6,502	4,836	2,885	1,677	9,399	3,784
189	1	17,279	3,492	956	3,937	8,385	5,301	3,142	1,826	10,269	4,881
190	1	10,943	2,157	633	2,466	5,256	2,443	1,705	2,770	6,918	3,091
191	1	28,116	6,484	1,895	4,829	13,208	10,894	2,188	5,512	18,594	7,943
192	1	12,402	2,233	1,323	1,778	5,334	4,067	1,303	1,793	7,163	3,504
193	1	230	121	6	11	138	3,658	343	3,285	7,285	65
194	1	8,489	1,211	858	1,637	3,707	2,409	290	2,969	5,668	2,398
195	1	3,453	733	174	777	1,684	849	104	1,164	2,116	975
196	1	10,242	1,871	813	2,129	4,812	10,367	1,326	2,059	13,752	2,893
197	1	18,288	6,200	1,220	1,436	8,856	27,809	6,334	7,368	41,512	5,166
198	1	21,329	8,710	619	1,458	10,787	10,116	1,062	7,007	18,184	6,025
199	1	24,948	5,336	1,259	5,612	12,207	8,100	4,211	6,554	18,865	7,048
200	1	18,042	4,475	560	4,158	9,193	7,782	4,081	8,341	20,205	5,097
201	1	17,136	7,620	224	1,118	8,962	5,502	514	8,618	14,634	4,841
202	1	3,024	728	263	382	1,373	2,398	887	762	4,048	854
203	1	27,017	6,424	1,166	5,870	13,460	10,782	1,094	10,902	22,779	7,632
204	1	17,576	6,029	42	2,479	8,550	9,952	2,275	5,402	17,630	4,965
205	1	5,532	1,412	110	1,123	2,645	3,143	499	1,704	5,345	1,563
206	1	3,314	1,315	29	247	1,592	1,345	518	1,291	3,154	936
207	1	2,502	614	58	501	1,172	900	104	1,298	2,302	707
208	1	8,189	1,498	504	1,519	3,521	5,240	425	2,515	8,180	2,313
209	1	16,623	5,292	192	2,484	7,968	9,861	2,747	9,492	22,100	4,696
210	1	4,779	541	362	1,113	2,016	1,917	344	2,543	4,803	1,350
211	1	2,671	863	136	211	1,210	2,188	264	1,559	4,011	755
212	1	4,206	1,140	110	694	1,945	1,589	84	2,515	4,188	1,188
213	1	4,669	1,172	127	1,051	2,350	5,923	1,094	2,721	9,737	1,319
214	1	8,382	1,495	723	1,389	3,607	3,923	1,612	6,754	12,289	2,368
215	1	6,243	1,256	335	1,304	2,895	5,599	820	3,356	9,776	1,764
216	1	3,897	792	131	953	1,876	1,392	530	2,809	4,731	1,101
217	1	12,212	895	650	4,149	5,694	9,101	2,093	9,046	20,240	3,450
218	1	6,348	1,153	835	734	2,722	11,134	1,083	1,222	13,439	1,793

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
219	1	7,671	2,227	185	1,362	3,774	5,392	645	4,892	10,928	2,167
220	1	4,673	684	436	841	1,960	3,439	1,622	1,443	6,505	1,320
221	1	11,526	2,221	750	2,192	5,163	11,128	2,422	2,109	15,658	3,256
222	1	3,541	911	323	266	1,500	2,019	1,041	913	3,973	1,000
223	1	4,037	1,304	94	777	2,174	9,214	1,671	2,547	13,432	1,140
224	1	17,268	3,622	427	4,858	8,908	15,961	4,579	4,477	25,016	4,878
225	1	3,541	592	198	941	1,731	1,501	191	657	2,349	1,000
226	1	8,917	1,176	1,152	1,317	3,645	2,997	680	1,083	4,760	2,519
227	1	5,998	1,269	500	1,017	2,786	4,242	933	1,669	6,843	1,694
228	1	23,396	9,967	356	1,802	12,125	7,536	4,324	4,353	16,213	6,609
229	1	14,170	3,055	761	3,065	6,881	13,758	2,456	2,643	18,858	4,003
230	1	9,332	3,167	158	1,523	4,848	4,910	505	983	6,398	2,636
231	1	8,995	1,729	656	1,801	4,186	1,176	1,185	3,690	6,050	2,541
232	1	13,341	3,020	670	2,766	6,455	5,379	274	2,408	8,061	3,769
233	1	8,250	1,878	831	1,140	3,850	5,834	1,063	2,818	9,715	2,331
234	1	24,343	2,911	2,695	5,477	11,084	11,590	8,974	3,525	24,088	6,877
235	1	5,942	1,313	455	1,147	2,915	3,082	1,075	1,889	6,046	1,679
236	1	5,981	1,408	233	1,729	3,370	12,824	2,768	7,491	23,083	1,690
237	1	4,977	1,805	214	570	2,589	1,575	583	1,006	3,164	1,406
238	1	7,464	2,065	634	933	3,631	8,913	3,328	4,695	16,936	2,109
239	1	10,721	3,318	436	1,906	5,660	6,357	2,348	3,773	12,478	3,029
240	1	24,649	6,546	865	5,027	12,438	6,937	687	1,970	9,594	6,963
241	1	14,943	3,404	701	3,287	7,391	3,955	730	1,206	5,891	4,222
242	1	21,490	3,812	1,386	5,136	10,333	7,438	2,321	8,956	18,716	6,071
243	1	4,854	2,618	112	633	3,362	12,900	293	1,668	14,861	1,371
244	2	6,826	269	854	1,872	2,995	1,212	455	1,020	2,687	1,928
245	2	11,380	1,446	886	3,045	5,376	1,949	317	2,117	4,383	3,215
246	2	6,472	1,438	745	570	2,753	1,275	219	1,386	2,881	1,828
247	2	15,704	4,100	755	3,392	8,247	5,215	37	3,176	8,429	4,436
248	2	8,990	1,717	22	2,954	4,694	1,459	158	2,324	3,941	2,540
249	2	23,552	4,716	220	5,830	10,766	3,871	614	5,516	10,001	6,653
250	2	6,042	885	458	1,289	2,631	2,026	165	1,922	4,114	1,707
251	2	11,796	4,061	339	1,521	5,921	12,173	311	3,724	16,208	3,332
252	2	23,521	7,538	677	3,040	11,255	15,245	383	4,579	20,207	6,645
253	2	24,375	6,748	700	3,143	10,591	7,933	222	2,660	10,816	6,886
254	2	11,996	4,334	345	1,549	6,228	5,181	78	935	6,194	3,389
255	2	5,223	1,287	376	1,332	2,995	1,441	581	2,926	4,949	1,476
256	2	25,517	7,712	1,207	3,289	12,208	3,366	534	4,139	8,038	7,209
257	2	14,088	3,148	780	3,118	7,046	1,910	365	2,718	4,992	3,980
258	2	18,797	6,035	447	5,006	11,488	6,269	1,007	2,305	9,581	5,310
259	2	35,037	7,077	1,998	6,531	15,607	6,521	337	1,487	8,345	9,898
260	2	43,684	8,971	3,095	7,127	19,192	6,124	2,298	5,505	13,926	12,341
261	2	16,679	3,347	1,985	1,159	6,491	2,166	127	1,838	4,130	4,712
262	2	33,800	2,833	6,957	1,357	11,148	4,657	1,240	4,581	10,478	9,548
263	2	-	422	-	-	422	7,779	342	1,015	9,136	-
264	2	488	402	48	32	482	6,171	272	808	7,250	138
265	2	-	304	-	-	304	11,321	539	1,601	13,461	-
266	2	42,096	9,279	4,166	2,747	16,192	13,751	593	1,761	16,105	11,892
267	2	5,794	2,300	557	367	3,224	63,572	587	1,743	65,902	1,637
268	2	23,376	5,903	2,468	1,627	9,999	20,487	942	2,797	24,225	6,604
269	2	260	873	26	17	916	18,031	809	2,402	21,241	74
270	2	6,265	2,653	643	424	3,721	10,854	432	1,284	12,571	1,770
271	2	45,263	11,694	3,554	5,214	20,462	7,606	1,112	4,678	13,396	12,787
272	2	42,602	7,877	2,668	7,126	17,671	11,137	1,128	7,796	20,062	12,035
273	2	6,440	3,814	80	772	4,666	6,268	247	1,342	7,857	1,819
274	2	10,957	3,727	319	1,093	5,138	2,780	498	3,259	6,537	3,095
275	2	23,979	5,321	2,237	1,918	9,476	4,645	664	3,331	8,640	6,774
276	2	26,845	7,622	1,690	3,059	12,371	4,736	1,313	3,462	9,511	7,584
277	2	17,838	4,246	796	3,450	8,492	1,983	1,070	3,421	6,475	5,039
278	2	57,200	17,073	575	13,992	31,641	3,471	1,530	9,404	14,405	16,159
279	2	15,903	3,245	1,113	3,108	7,466	2,245	571	3,765	6,581	4,492
280	2	6,569	2,001	97	1,359	3,458	1,035	57	2,071	3,162	1,856
281	2	8,747	4,094	486	1,520	6,101	6,829	193	1,627	8,649	2,471
282	2	10,026	4,766	908	1,104	6,778	6,800	147	2,126	9,073	2,832
283	2	3,221	614	282	529	1,424	1,016	432	3,150	4,598	910
284	2	3,503	1,937	68	319	2,324	5,340	993	1,667	8,001	990
285	2	5,389	855	746	904	2,505	6,634	683	2,548	9,865	1,522
286	2	4,194	1,082	66	991	2,139	2,294	125	4,741	7,159	1,185
287	2	15,517	3,080	496	3,176	6,753	2,918	300	3,341	6,559	4,384
288	2	18,725	6,309	480	3,465	10,254	6,939	1,992	2,173	11,105	5,290
289	2	9,370	2,824	399	1,616	4,839	4,843	229	2,230	7,302	2,647
290	2	16,563	2,963	1,542	2,371	6,875	5,349	1,133	4,289	10,771	4,679
291	2	5,862	838	721	1,549	3,107	1,344	173	803	2,320	1,656
292	2	17,763	3,972	1,422	3,151	8,546	2,611	1,069	5,054	8,734	5,018
293	2	8,668	3,701	300	1,341	5,342	7,002	605	3,295	10,902	2,449
294	2	17,029	4,557	1,582	2,302	8,441	6,976	5,596	5,599	18,171	4,811

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
295	2	6,763	2,776	105	567	3,448	1,003	579	1,763	3,345	1,910
296	2	13,328	2,534	2,416	875	5,824	4,583	1,274	3,115	8,972	3,765
297	2	8,036	1,460	283	2,338	4,082	1,363	393	2,068	3,825	2,270
298	2	5,742	1,158	422	1,095	2,674	544	215	1,646	2,404	1,622
299	2	5,933	839	824	611	2,274	1,684	185	558	2,427	1,676
300	2	17,428	2,952	1,125	3,837	7,913	3,390	944	2,651	6,985	4,923
301	2	13,033	2,852	699	2,944	6,495	2,912	1,466	2,038	6,416	3,682
302	2	14,464	2,390	1,364	2,544	6,298	1,827	927	2,758	5,511	4,086
303	2	16,551	4,478	1,384	2,395	8,257	7,599	1,336	2,098	11,033	4,676
304	2	12,476	5,501	77	2,617	8,194	7,535	408	1,041	8,983	3,524
305	2	26,488	9,946	163	5,547	15,656	14,948	1,000	2,553	18,500	7,483
306	2	20,634	7,316	127	4,321	11,764	9,492	593	1,515	11,600	5,829
307	2	19,305	2,804	1,458	4,816	9,079	3,353	1,798	5,290	10,441	5,454
308	2	12,916	3,625	776	2,041	6,442	4,630	943	2,467	8,039	3,649
309	2	22,442	4,183	1,914	4,161	10,258	6,853	1,187	3,650	11,690	6,340
310	2	609	426	94	11	531	622	83	223	928	172
311	2	7,359	3,101	38	735	3,874	1,653	1,655	1,392	4,700	2,079
312	2	17,573	2,928	1,172	3,724	7,824	4,181	975	2,733	7,889	4,964
313	2	20,127	5,818	2,165	2,054	10,036	24,474	8,220	9,278	41,972	5,686
314	2	9,480	2,372	598	1,999	4,968	4,265	946	1,773	6,984	2,678
315	2	50,361	16,873	1,857	3,188	21,918	15,054	3,742	5,612	24,408	14,227
316	2	17,723	1,436	1,398	5,717	8,550	10,008	1,439	2,953	14,400	5,007
317	2	16,667	4,837	1,215	4,238	10,289	10,068	4,002	4,758	18,828	4,708
318	2	2,557	1,784	185	456	2,424	11,212	2,796	3,101	17,109	722
319	2	17,976	4,385	1,302	3,202	8,888	10,326	2,370	2,628	15,324	5,078
320	2	36,411	13,368	2,412	5,178	20,958	31,497	17,710	8,446	57,653	10,286
321	2	35,787	10,520	2,795	6,239	19,555	19,054	2,895	8,971	30,920	10,110
322	2	11,888	3,853	827	1,932	6,612	13,052	469	1,094	14,616	3,358
323	2	37,405	4,044	2,286	12,270	18,601	12,242	5,332	8,100	25,674	10,567
324	2	20,732	11,569	1,442	3,369	16,380	21,842	2,503	4,621	28,966	5,857
325	2	29,646	6,096	2,061	4,818	12,975	17,349	991	1,307	19,647	8,375
326	2	27,300	7,990	1,624	4,623	14,237	7,069	1,596	4,381	13,046	7,712
327	2	4,777	2,362	330	1,286	3,978	4,217	663	3,397	8,278	1,349
328	2	24,480	6,610	2,498	2,455	11,564	6,779	1,050	1,862	9,692	6,916
329	2	5,747	1,605	364	1,079	3,047	1,038	288	616	1,942	1,624
330	2	40,652	8,731	2,381	6,015	17,128	3,568	1,239	3,339	8,147	11,484
331	2	28,954	4,022	2,521	5,121	11,663	2,232	1,465	2,467	6,164	8,180
332	2	54,688	8,468	5,637	8,464	22,569	5,016	2,171	5,428	12,615	15,449
333	2	86,760	14,808	5,994	17,948	38,749	10,456	3,937	12,678	27,071	24,510
334	2	45,175	14,034	870	11,983	26,886	22,021	1,872	8,611	32,504	12,762
335	2	12,257	4,151	671	1,358	6,181	3,771	537	4,067	8,374	3,463
336	2	24,487	3,482	1,244	9,081	13,807	3,474	510	3,087	7,071	6,918
337	2	4,014	1,082	120	1,140	2,343	450	10	657	1,118	1,134
338	2	10,776	4,474	481	2,139	7,094	2,837	222	1,402	4,461	3,044
339	2	11,849	4,328	529	2,351	7,208	2,398	273	1,722	4,393	3,347
340	2	3,024	577	627	178	1,382	245	251	504	1,000	854
341	2	25,557	10,467	866	3,443	14,776	4,847	885	2,741	8,474	7,220
342	2	14,166	4,824	532	2,865	8,221	1,445	130	2,166	3,740	4,002
343	2	11,074	4,835	841	1,730	7,406	8,326	1,062	2,750	12,139	3,128
344	2	67,181	24,687	62	6,189	30,938	11,378	3,816	12,597	27,791	18,979
345	2	35,607	9,481	1,112	7,313	17,906	18,318	1,749	5,777	25,845	10,059
346	2	39,336	9,279	1,227	8,067	18,572	14,670	1,443	4,767	20,880	11,112
347	2	30,275	10,168	1,675	279	12,122	8,613	953	1,335	10,900	8,553
348	2	11,069	3,746	613	102	4,460	3,350	381	534	4,265	3,127
349	2	30,978	6,578	1,565	6,656	14,799	8,665	1,021	3,157	12,842	8,751
350	2	29,458	8,012	770	5,054	13,836	5,767	794	6,366	12,926	8,322
351	2	13,238	5,743	723	1,994	8,460	7,879	734	2,027	10,640	3,740
352	2	6,224	2,033	257	606	2,896	1,223	154	1,036	2,413	1,758
353	2	11,936	2,809	465	2,550	5,824	3,520	755	939	5,214	3,372
354	2	22,776	2,718	1,336	5,405	9,460	3,023	1,407	3,922	8,352	6,434
355	2	3,518	1,058	124	632	1,814	973	159	913	2,045	994
356	2	17,793	4,453	627	3,198	8,278	3,821	519	2,820	7,159	5,027
357	2	15,313	4,220	424	2,718	7,362	1,268	262	3,092	4,622	4,326
358	2	18,464	9,903	133	143	10,179	5,551	270	3,118	8,939	5,216
359	2	6,862	1,295	382	1,491	3,168	1,474	122	829	2,424	1,938
360	2	14,675	3,015	473	3,668	7,157	2,337	392	2,915	5,644	4,146
361	2	20,515	6,194	567	2,985	9,745	4,536	316	2,946	7,798	5,796
362	2	9,361	1,243	572	2,136	3,951	1,107	-	3,761	4,868	2,645
363	2	6,522	1,310	157	1,599	3,066	1,162	803	3,818	5,783	1,842
364	2	24,245	6,178	1,898	3,826	11,902	7,063	3,197	6,932	17,192	6,849
365	2	39,808	6,836	1,960	8,317	17,114	4,667	1,985	12,244	18,896	11,246
366	2	78,645	6,971	3,876	25,178	36,025	27,368	814	7,455	35,637	22,217
367	2	15,555	5,491	258	1,232	6,980	1,962	749	5,926	8,637	4,394
368	3	49,497	4,971	3,639	13,149	21,759	12,456	2,364	16,372	31,191	13,983
369	3	13,791	1,201	1,550	2,564	5,315	3,326	1,119	2,224	6,668	3,896
370	3	12,836	1,887	542	2,450	4,878	1,258	2,937	3,176	7,371	3,626

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
371	3	16,782	2,158	295	4,343	6,796	2,332	3,238	3,796	9,366	4,741
372	3	41,333	5,499	2,219	8,248	15,965	24,253	16,486	22,427	63,165	11,676
373	3	13,271	3,485	2,113	3,190	8,788	31,370	21,070	63,829	1,16,270	3,749
374	3	43,235	9,017	2,640	8,511	20,168	1,444	7	7	1,458	12,214
375	3	30,098	4,268	2,074	6,994	13,336	175	4	6	184	8,503
376	3	35,791	7,962	3,723	4,212	15,898	1,275	18	90	1,383	10,111
377	3	10,318	866	1,002	3,870	5,738	557	5	5	567	2,915
378	3	26,444	5,107	2,630	4,701	12,439	661	5	6	673	7,470
379	3	3,925	737	643	1,461	2,841	3,110	325	2,174	5,610	1,109
380	3	35,625	3,398	4,432	6,963	14,793	1,183	844	2,087	4,114	10,064
381	3	68,807	7,633	6,229	16,562	30,425	3,248	4,295	4,211	11,754	19,438
382	3	18,302	1,923	2,153	3,936	8,011	834	546	1,900	3,280	5,170
383	3	11,258	1,071	1,147	3,442	5,659	664	685	978	2,328	3,180
384	3	43,498	7,364	4,012	8,539	19,915	2,504	2,752	4,608	9,864	12,288
385	3	21,607	2,263	2,812	4,223	9,299	595	749	1,117	2,461	6,104
386	3	1,25,685	21,919	9,475	19,829	51,222	4,599	3,718	6,214	14,531	35,506
387	3	9,439	930	1,373	1,823	4,127	329	747	1,694	2,770	2,667
388	3	94,407	4,342	14,898	23,881	43,121	10,400	3,821	3,718	17,939	26,670
389	3	45,672	5,597	8,344	3,881	17,821	1,268	2,631	3,215	7,113	12,902
390	3	76,168	8,849	8,293	15,156	32,298	2,341	3,816	2,877	9,035	21,517
391	3	37,801	4,405	7,442	3,101	14,948	904	1,450	4,116	6,471	10,679
392	3	63,314	3,974	12,767	9,531	26,272	2,795	3,444	5,104	11,342	17,886
393	3	9,576	663	629	3,078	4,370	703	338	1,734	2,775	2,705
394	3	2,324	269	274	656	1,199	574	371	1,959	2,904	656
395	3	45,793	2,067	2,759	15,457	20,282	1,978	968	2,524	5,470	12,937
396	3	33,745	1,655	2,114	11,390	15,158	1,287	598	1,557	3,442	9,533
397	3	28,832	1,833	1,264	9,911	13,008	881	466	2,006	3,353	8,145
398	3	6,327	680	131	2,139	2,950	486	213	1,078	1,776	1,787
399	3	32,022	2,508	4,101	5,961	12,569	796	456	1,971	3,223	9,046
400	3	15,753	1,887	2,705	3,031	7,622	1,220	787	2,513	4,521	4,450
401	3	26,173	1,770	3,659	5,040	10,469	662	604	1,932	3,198	7,394
402	3	10,576	700	1,468	2,034	4,202	327	429	1,375	2,130	2,988
403	3	16,241	1,538	2,929	2,201	6,668	988	718	1,711	3,417	4,588
404	3	36,876	4,617	4,236	5,406	14,259	2,771	722	4,618	8,111	10,417
405	3	18,452	3,312	2,734	2,705	8,751	2,340	314	1,986	4,639	5,213
406	3	10,679	6,882	4,627	1,566	13,075	7,265	326	1,982	9,573	3,017
407	3	83,159	24,665	643	1,701	27,008	3,381	785	2,856	7,023	23,492
408	3	66,999	20,209	725	1,370	22,304	2,666	566	2,054	5,286	18,927
409	3	36,214	10,988	431	741	12,160	3,378	771	2,804	6,953	10,230
410	3	1,547	465	312	292	1,070	625	250	882	1,757	437
411	3	11,405	3,304	2,415	2,046	7,765	3,007	1,474	3,142	7,623	3,222
412	3	10,628	2,432	1,854	1,907	6,194	2,196	1,294	2,762	6,252	3,002
413	3	45,384	9,805	4,413	5,872	20,090	5,749	1,625	2,747	10,122	12,821
414	3	35,557	6,234	2,576	4,578	13,388	3,164	1,336	2,280	6,780	10,045
415	3	33,949	6,091	2,539	4,393	13,022	3,590	1,519	2,593	7,702	9,591
416	3	19,512	3,870	1,685	2,525	8,080	2,828	1,068	1,823	5,718	5,512
417	3	58,478	1,399	9,271	13,617	24,287	4,352	1,795	2,693	8,840	16,520
418	3	77,048	2,523	12,631	17,941	33,094	7,230	2,869	4,300	14,399	21,766
419	3	38,926	6,280	4,621	6,769	17,670	5,218	2,914	7,159	15,291	10,997
420	3	18,822	3,024	2,407	3,991	9,422	2,855	872	3,440	7,166	5,317
421	3	7,380	1,035	492	2,850	4,377	1,420	272	1,532	3,225	2,085
422	3	30,557	6,455	1,557	6,002	14,014	6,903	995	4,530	12,427	8,632
423	3	19,610	2,923	5,930	695	9,548	3,003	882	4,388	8,273	5,540
424	3	11,251	2,120	319	2,619	5,058	955	642	2,030	3,627	3,178
425	3	21,962	3,570	2,842	2,698	9,109	1,734	2,433	2,893	7,060	6,204
426	3	39,439	4,887	4,258	10,040	19,186	5,513	4,299	6,891	16,703	11,141
427	3	18,122	1,443	4,474	2,522	8,439	3,061	1,123	2,823	7,008	5,119
428	3	34,446	4,640	5,756	4,920	15,317	5,220	1,820	5,243	12,283	9,731
429	3	23,057	6,512	1,295	2,412	10,220	4,215	575	4,006	8,797	6,514
430	3	21,381	2,750	2,392	4,488	9,630	3,953	514	3,096	7,563	6,040
431	3	22,342	5,273	1,738	2,476	9,487	5,275	1,540	2,176	8,990	6,312
432	3	20,631	5,354	1,902	2,286	9,542	5,474	1,451	2,048	8,974	5,828
433	3	36,510	4,879	3,116	9,463	17,458	3,511	1,604	6,501	11,616	10,314
434	3	5,531	1,049	705	1,040	2,794	1,039	352	1,525	2,916	1,563
435	3	34,453	5,701	4,763	5,929	16,393	7,155	2,065	2,659	11,879	9,733
436	3	5,707	166	202	2,849	3,217	1,045	180	556	1,782	1,612
437	3	18,762	9,828	3,425	821	14,074	12,918	5,239	10,088	28,245	5,300
438	3	22,827	8,189	1,962	966	11,116	6,235	3,060	5,886	15,180	6,449
439	3	24,438	3,446	3,324	2,659	9,429	2,567	814	4,045	7,426	6,904
440	3	7,395	2,576	1,310	1,094	4,980	4,134	2,930	6,341	13,406	2,089
441	3	29,111	3,754	4,180	7,364	15,298	3,950	1,441	9,387	14,778	8,224
442	3	16,266	3,683	1,794	2,928	8,406	4,305	1,759	4,397	10,460	4,595
443	3	36,754	2,289	5,358	8,946	16,594	8,768	758	4,557	14,083	10,383
444	3	36,582	2,485	5,460	8,904	16,849	8,116	696	4,182	12,995	10,335
445	3	7,479	721	847	1,934	3,503	2,208	1,270	4,217	7,696	2,113
446	3	6,111	1,149	350	1,216	2,715	500	404	1,608	2,512	1,726

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
447	3	11,565	1,722	2,033	2,265	6,020	1,987	1,621	1,928	5,536	3,267
448	3	27,721	4,264	3,928	6,570	14,761	5,847	1,032	6,082	12,960	7,831
449	3	17,169	4,284	1,853	391	6,528	1,696	686	3,188	5,570	4,850
450	3	54,654	13,337	2,707	7,955	23,999	9,260	1,151	10,503	20,914	15,440
451	3	31,482	7,638	2,895	3,706	14,239	10,616	5,817	8,045	24,479	8,894
452	3	6,080	1,045	378	1,532	2,955	868	1,216	2,140	4,224	1,717
453	3	6,492	1,892	882	64	2,838	2,188	586	2,297	5,071	1,834
454	3	22,428	2,328	4,401	6,673	13,402	18,154	2,745	17,259	38,159	6,336
455	3	11,195	1,597	1,536	1,830	4,962	967	1,685	2,887	5,539	3,163
456	3	17,065	3,298	610	3,484	7,392	518	562	3,377	4,457	4,821
457	3	14,401	1,902	1,355	3,128	6,384	625	638	3,600	4,863	4,068
458	3	7,328	660	1,166	1,454	3,280	847	350	1,614	2,811	2,070
459	3	6,370	1,087	716	1,365	3,168	1,038	315	1,792	3,145	1,800
460	3	6,625	1,263	523	1,053	2,839	595	269	1,017	1,881	1,871
461	3	60,492	1,653	16,200	7,345	25,197	7,738	1,193	9,126	18,057	17,089
462	3	60,970	13,157	4,409	7,277	24,843	2,153	4,879	14,882	21,914	17,224
463	3	14,387	1,219	4,824	805	6,849	2,057	3,373	3,980	9,410	4,064
464	3	12,236	4,540	3,291	1,871	9,702	9,244	22,366	8,222	39,832	3,457
465	3	71,707	4,641	12,522	13,099	30,262	21,273	7,660	8,397	37,330	20,257
466	3	41,917	5,064	4,474	9,589	19,127	10,194	10,332	11,750	32,277	11,841
467	3	19,694	2,281	2,991	3,831	9,104	12,722	5,197	6,441	24,360	5,564
468	2	11,918	649	-	6,128	6,777	1,542	2,349	169	4,060	3,367
469	2	6,147	1,923	91	1,599	3,613	2,288	684	1,629	4,600	1,737
470	2	50,014	15,201	1,324	5,350	21,875	11,104	4,561	11,801	27,467	14,129
471	2	6,180	999	503	1,102	2,604	2,595	605	1,966	5,166	1,746
472	2	15,514	4,401	681	1,487	6,569	3,628	1,812	3,502	8,942	4,383
473	2	6,493	986	705	736	2,427	1,380	498	1,335	3,212	1,834
474	2	23,187	4,833	1,606	4,468	10,908	15,290	3,191	5,574	24,054	6,550
475	2	3,788	745	202	781	1,729	2,849	567	992	4,409	1,070
476	2	37,089	5,228	4,258	5,217	14,703	12,982	5,650	7,160	25,792	10,478
477	2	8,669	2,158	489	942	3,588	2,446	935	2,071	5,452	2,449
478	2	35,996	8,944	2,376	5,418	16,738	16,763	1,889	7,370	26,022	10,169
479	2	31,693	7,274	2,627	5,246	15,147	15,248	3,377	5,497	24,122	8,953
480	2	9,279	3,976	307	1,066	5,350	4,654	1,467	2,891	9,012	2,621
481	2	6,946	2,157	415	1,169	3,742	3,002	1,194	2,348	6,544	1,962
482	2	5,675	2,556	54	351	2,962	1,766	764	1,353	3,883	1,603
483	2	7,630	2,719	220	630	3,569	1,633	832	2,556	5,021	2,155
484	2	8,580	1,035	345	2,400	3,781	789	1,263	2,624	4,676	2,424
485	2	9,938	4,113	137	947	5,197	3,804	1,038	2,788	7,630	2,808
486	2	22,616	1,591	2,597	5,973	10,162	4,211	2,609	6,634	13,455	6,389
487	2	47,305	6,893	3,290	9,082	19,264	4,267	2,807	8,872	15,946	13,364
488	2	50,090	8,371	4,592	6,453	19,415	2,383	2,252	7,382	12,017	14,150
489	2	1,40,678	6,934	31,415	1,370	39,719	11,080	11,400	22,381	44,861	39,742
490	2	1,29,484	23,636	7,441	21,476	52,553	11,963	5,808	17,660	35,431	36,579
491	2	67,263	12,765	3,865	11,156	27,786	9,171	4,247	12,912	26,331	19,002
492	2	33,171	4,889	2,529	5,855	13,274	1,332	2,948	6,830	11,110	9,371
493	2	30,819	5,864	2,640	1,924	10,428	828	595	2,354	3,777	8,706
494	2	32,345	4,106	2,958	4,299	11,363	7,627	1,031	3,765	12,423	9,137
495	2	35,234	5,160	3,222	4,683	13,065	6,456	773	2,820	10,049	9,954
496	2	1,17,810	14,339	10,774	15,658	40,771	12,106	1,642	5,992	19,740	33,281
497	2	-	129	-	-	129	128	-	-	128	-
498	2	19,953	5,791	606	2,200	8,597	4,041	521	1,285	5,846	5,637
499	2	35,959	9,382	1,088	3,948	14,418	5,861	871	2,149	8,881	10,158
500	2	3,034	7,273	251	878	8,402	10,388	-	1,688	12,075	857
501	2	11,628	9,920	1,046	2,337	13,303	23,007	6,181	6,536	35,725	3,285
502	2	14,987	5,711	1,321	2,942	9,973	8,269	1,552	2,437	12,258	4,234
503	2	21,354	4,225	1,443	4,230	9,898	1,480	359	1,326	3,165	6,033
504	2	28,057	5,264	1,896	5,558	12,718	1,991	672	2,479	5,142	7,926
505	2	34,142	7,983	2,513	3,965	14,462	3,288	939	2,284	6,511	9,645
506	2	35,262	8,830	2,266	4,251	15,347	13,035	2,936	5,780	21,751	9,962
507	2	64,899	14,923	3,932	9,547	28,402	21,538	4,377	9,690	35,605	18,334
508	2	38,188	8,708	2,467	7,225	18,400	11,952	5,798	8,678	26,428	10,788
509	2	29,521	7,947	857	4,509	13,313	6,557	3,616	5,979	16,152	8,340
510	2	9,345	1,713	634	1,565	3,912	1,818	969	1,730	4,517	2,640
511	2	34,450	5,793	2,787	5,515	14,095	7,261	3,192	6,246	16,699	9,732
512	2	22,982	3,575	1,312	5,854	10,740	10,447	1,202	2,222	13,871	6,492
513	2	15,548	2,272	887	3,960	7,119	7,006	841	1,554	9,400	4,392
514	2	12,185	3,035	1,257	310	4,602	1,915	1,336	3,474	6,725	3,442
515	2	2,956	1,281	123	398	1,803	1,580	695	1,715	3,990	835
516	2	9,062	2,609	460	775	3,845	2,212	1,497	804	4,514	2,560
517	2	4,017	817	224	624	1,665	409	370	935	1,714	1,135
518	2	9,616	1,824	362	2,811	4,998	6,066	1,270	5,814	13,150	2,716
519	2	23,691	13,411	473	2,318	16,201	16,445	5,659	7,912	30,015	6,693
520	2	8,830	3,827	324	523	4,675	3,751	1,151	2,570	7,473	2,495
521	2	11,719	4,042	474	1,374	5,891	2,777	1,177	3,728	7,681	3,311
522	2	31,999	10,095	1,159	2,263	13,517	8,265	581	2,013	10,859	9,040

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
523	2	39,037	13,284	1,414	2,760	17,458	11,427	656	2,272	14,355	11,028
524	2	26,234	8,047	950	1,855	10,852	6,108	446	1,545	8,099	7,411
525	2	26,382	8,319	955	1,866	11,140	7,401	522	1,807	9,729	7,453
526	2	9,049	1,162	1,160	1,014	3,336	1,329	192	1,308	2,830	2,556
527	2	10,345	2,014	770	1,293	4,077	1,055	379	1,822	3,256	2,922
528	2	24,539	7,339	327	4,129	11,795	9,412	207	1,938	11,556	6,932
529	2	47,091	13,459	628	7,923	22,009	13,001	294	2,759	16,054	13,303
530	2	14,314	7,860	443	1,515	9,818	9,540	310	1,327	11,176	4,044
531	2	9,428	1,871	344	1,920	4,136	1,229	152	1,457	2,838	2,663
532	2	9,970	2,878	332	1,563	4,773	3,460	340	871	4,671	2,817
533	2	20,055	3,781	878	3,989	8,649	1,949	163	3,553	5,665	5,666
534	2	10,755	2,574	457	1,450	4,481	914	231	1,882	3,027	3,038
535	2	3,643	899	155	491	1,545	289	59	559	908	1,029
536	2	34,664	9,321	1,864	5,872	17,057	15,579	373	1,286	17,238	9,793
537	2	5,696	1,386	239	901	2,526	668	220	888	1,776	1,609
538	2	45,352	12,824	1,866	5,658	20,348	12,810	279	1,578	14,668	12,812
539	2	45,260	12,868	1,867	5,664	20,399	13,637	297	1,678	15,612	12,786
540	2	56,008	15,762	2,311	7,009	25,082	13,118	280	1,583	14,980	15,822
541	2	38,500	11,200	1,589	4,818	17,606	11,526	236	1,336	13,097	10,876
542	2	6,510	15,917	510	1,147	17,574	18,339	266	878	19,483	1,839
543	2	32,380	6,112	2,317	6,177	14,606	10,547	2,466	8,567	21,580	9,147
544	2	4,623	2,182	230	981	3,394	5,195	163	715	6,073	1,306
545	2	15,867	1,537	1,381	3,531	6,449	2,778	832	2,906	6,517	4,482
546	2	5,551	2,564	69	385	3,018	2,545	74	555	3,174	1,568
547	2	6,059	2,045	427	1,078	3,550	2,449	408	1,312	4,168	1,712
548	2	3,382	1,376	248	820	2,445	2,269	296	1,262	3,827	956
549	2	13,800	3,844	715	3,011	7,570	4,483	515	2,967	7,965	3,899
550	2	44,497	8,909	2,846	7,039	18,794	4,688	1,201	4,588	10,478	12,570
551	2	46,114	9,563	3,702	6,574	19,839	6,950	2,115	7,081	16,146	13,027
552	2	7,539	1,693	1,048	674	3,415	3,738	235	806	4,778	2,130
553	2	37,380	5,248	3,437	6,906	15,592	2,054	1,443	4,982	8,479	10,560
554	2	83,784	18,432	6,162	9,999	34,593	12,493	2,569	4,372	19,433	23,669
555	2	17,902	2,300	1,086	4,454	7,840	1,206	1,100	2,616	4,921	5,057
556	2	35,528	6,852	2,174	6,634	15,660	9,370	2,203	2,697	14,270	10,037
557	2	10,825	2,989	1,417	1,788	6,194	4,491	1,883	2,349	8,723	3,058
558	2	14,595	6,678	755	1,595	9,028	6,716	1,415	2,602	10,733	4,123
559	2	21,369	5,092	853	5,027	10,972	6,482	1,848	3,233	11,563	6,037
560	2	59,908	18,139	3,574	9,446	31,158	26,243	1,914	7,366	35,523	16,924
561	2	20,876	4,508	937	3,133	8,579	6,045	755	1,724	8,525	5,898
562	2	47,572	8,999	4,951	4,847	18,796	10,730	4,303	7,313	22,346	13,439
563	2	10,160	3,815	145	469	4,429	1,363	1,715	1,448	4,526	2,870
564	2	35,730	5,593	2,895	5,702	14,190	6,444	2,126	3,380	11,950	10,094
565	2	45,930	7,212	3,721	7,330	18,263	8,251	2,631	4,183	15,065	12,975
566	2	432	947	67	68	1,082	1,976	261	1,337	3,573	122
567	2	11,027	3,761	565	1,608	5,934	3,166	2,653	1,691	7,510	3,115
568	2	49,467	15,234	1,537	4,266	21,037	8,028	3,167	8,290	19,485	13,975
569	2	8,589	1,818	724	753	3,294	1,295	236	1,381	2,912	2,426
570	2	9,398	1,784	750	1,104	3,639	535	791	1,843	3,169	2,655
571	2	17,573	4,406	758	2,036	7,200	3,676	659	1,391	5,727	4,964
572	2	8,453	1,215	736	1,259	3,209	607	1,029	908	2,543	2,388
573	2	11,134	2,085	853	1,453	4,391	2,951	292	1,257	4,500	3,145
574	2	14,305	2,356	985	2,431	5,772	1,738	751	2,011	4,500	4,041
575	2	11,451	2,114	877	1,495	4,485	3,084	383	900	4,367	3,235
576	2	77,246	20,939	2,952	8,557	32,448	16,694	3,475	4,915	25,084	21,822
577	2	44,038	13,037	1,395	5,471	19,903	7,008	1,381	4,605	12,993	12,441
578	2	5,526	2,105	258	1,134	3,498	2,563	250	749	3,562	1,561
579	2	5,300	380	625	1,023	2,027	405	343	672	1,420	1,497
580	2	27,972	6,948	4,416	-	11,364	7,152	734	1,983	9,870	7,902
581	2	69,062	13,838	4,861	14,232	32,930	11,356	2,130	6,946	20,432	19,510
582	2	47,588	10,002	3,551	9,475	23,027	11,116	4,338	5,570	21,024	13,444
583	2	14,615	2,445	1,091	2,910	6,445	3,188	1,352	1,736	6,276	4,129
584	2	13,857	2,011	1,034	2,759	5,803	1,887	958	1,230	4,075	3,915
585	2	11,196	1,655	835	2,229	4,720	1,510	757	972	3,239	3,163
586	2	20,670	3,062	1,542	4,115	8,720	3,281	1,551	1,992	6,824	5,839
587	2	28,484	4,643	2,005	5,870	12,518	2,423	1,194	5,759	9,376	8,047
588	2	8,810	3,151	301	803	4,255	851	413	2,089	3,354	2,489
589	2	7,765	345	593	2,355	3,293	341	292	1,525	2,158	2,194
590	2	3,536	550	344	564	1,459	461	265	1,661	2,387	999
591	2	5,536	922	661	396	1,980	279	143	438	860	1,564
592	3	2,873	469	547	136	1,153	314	1,138	2,105	3,557	812
593	3	28,301	2,502	3,567	6,720	12,789	7,804	4,902	7,097	19,803	7,995
594	3	-	0	0	-	0	0	-	-	0	-
595	3	10,115	3,076	1,950	2,686	7,712	9,340	3,165	3,973	16,478	2,858
596	3	3,130	298	215	1,506	2,019	410	470	738	1,618	884
597	3	6,626	1,014	1,158	1,289	3,461	1,186	1,130	2,321	4,637	1,872
598	3	5,364	936	1,008	1,042	2,987	890	975	2,033	3,898	1,515

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
599	3	6,768	975	946	1,033	2,954	1,254	1,266	2,812	5,332	1,912
600	3	33,364	9,287	2,387	2,687	14,361	3,369	5,296	11,119	19,784	9,425
601	3	23,264	1,873	3,063	6,816	11,752	10,423	3,968	5,404	19,795	6,572
602	3	43,971	4,669	7,279	7,621	19,569	6,131	8,058	9,238	23,427	12,422
603	3	42,698	10,734	6,389	6,843	23,966	7,655	2,010	4,380	14,045	12,062
604	3	11,903	2,731	2,617	1,369	6,717	3,228	3,619	2,516	9,363	3,362
605	3	9,851	2,105	427	1,641	4,173	353	574	1,360	2,287	2,783
606	3	29,280	7,788	3,858	3,225	14,871	5,047	3,895	2,389	11,331	8,272
607	3	57,200	6,498	7,224	13,685	27,406	5,186	7,388	7,657	20,230	16,159
608	3	56,408	4,618	8,187	11,950	24,756	2,192	3,449	6,254	11,895	15,935
609	3	34,935	5,910	5,299	5,755	16,964	6,580	8,366	4,916	19,863	9,869
610	3	19,682	5,686	711	3,212	9,609	2,889	3,363	1,826	8,078	5,560
611	3	15,531	2,260	1,285	3,736	7,281	1,313	1,305	1,665	4,283	4,388
612	3	19,746	5,341	2,709	3,804	11,854	3,937	4,911	4,135	12,983	5,578
613	3	8,307	686	1,185	2,007	3,878	505	855	1,507	2,867	2,347
614	3	32,845	6,149	6,017	3,305	15,471	3,473	5,690	4,797	13,960	9,279
615	3	1,210	575	462	262	1,299	6,395	1,899	2,962	11,255	342
616	3	1,542	994	749	334	2,077	5,831	1,561	2,432	9,823	436
617	3	15,622	1,906	2,576	3,383	7,866	4,054	1,077	1,676	6,807	4,413
618	3	9,317	2,063	2,104	2,018	6,185	9,621	2,676	4,166	16,463	2,632
619	3	99,066	12,734	15,293	12,875	40,902	853	2,173	3,718	6,744	27,986
620	3	14,800	2,394	1,783	1,873	6,049	370	1,105	1,450	2,924	4,181
621	3	11,541	1,712	1,693	2,021	5,426	1,149	1,586	2,405	5,139	3,260
622	3	11,194	2,508	682	2,072	5,263	1,257	665	1,624	3,545	3,162
623	3	25,091	8,416	2,151	2,129	12,696	6,504	1,954	3,874	12,332	7,088
624	3	10,087	3,270	1,383	1,873	6,526	2,136	492	2,015	4,644	2,850
625	3	26,744	8,225	1,245	2,788	12,258	2,758	3,013	1,698	7,469	7,555
626	3	31,268	4,238	2,747	7,855	14,841	3,603	849	4,137	8,589	8,833
627	3	13,769	2,638	926	2,809	6,373	2,093	1,272	3,670	7,035	3,890
628	3	8,765	2,293	120	1,522	3,935	1,214	442	1,708	3,365	2,476
629	3	21,495	2,815	2,077	5,547	10,439	2,254	1,720	7,483	11,456	6,072
630	3	30,576	4,015	1,807	8,043	13,866	6,404	2,321	7,570	16,295	8,638
631	3	25,143	3,857	3,670	5,370	12,898	6,190	6,980	9,588	22,757	7,103
632	3	31,154	5,099	1,357	8,236	14,692	7,350	3,557	8,866	19,774	8,801
633	3	14,354	2,500	2,424	2,170	7,094	3,561	3,160	5,481	12,203	4,055
634	3	16,597	3,038	1,324	3,958	8,320	2,469	2,067	4,887	9,423	4,689
635	3	16,482	2,645	1,261	3,515	7,421	1,979	2,581	2,390	6,949	4,656
636	3	27,120	5,167	2,910	3,133	11,210	1,596	1,497	7,644	10,737	7,661
637	3	10,383	1,078	2,140	2,429	5,646	2,116	2,286	4,432	8,835	2,933
638	3	16,552	5,651	373	635	6,659	2,136	1,065	4,545	7,746	4,676
639	3	30,528	1,512	4,337	8,318	14,167	1,233	1,186	5,264	7,683	8,624
640	2	50,591	9,265	3,577	9,874	22,717	6,418	183	1,393	7,993	14,292
1001	11	23,466	4,152	4,450	2,354	10,955	2,554	1,433	1,815	5,802	6,629
1002	11	17,120	2,956	3,816	2,004	8,776	2,274	1,042	1,864	5,180	4,836
1003	11	8,005	805	1,876	969	3,651	606	173	766	1,545	2,261
1004	11	52,310	14,058	6,976	4,296	25,331	6,849	3,401	3,911	14,162	14,778
1005	11	3,531	1,291	172	220	1,684	134	171	330	635	998
1006	11	14,025	3,168	2,110	1,693	6,970	1,337	584	1,253	3,174	3,962
1007	11	7,646	1,429	917	856	3,202	468	405	1,452	2,325	2,160
1008	11	17,312	3,211	2,033	2,002	7,245	892	719	3,030	4,640	4,891
1009	11	3,850	664	420	414	1,499	214	183	784	1,181	1,088
1010	11	4,764	901	578	540	2,019	220	182	748	1,150	1,346
1011	11	37,081	8,374	6,124	4,050	18,548	3,753	1,236	2,644	7,633	10,475
1012	11	27,591	6,141	4,487	2,934	13,563	3,060	1,286	2,362	6,708	7,795
1013	11	4,859	810	585	504	1,900	456	372	493	1,321	1,373
1014	11	6,349	1,185	855	673	2,713	660	365	541	1,566	1,794
1015	11	8,197	1,683	1,214	823	3,720	1,123	429	637	2,189	2,316
1016	11	10,064	1,906	1,276	1,624	4,805	3,846	4,519	5,045	13,410	2,843
1017	11	19,105	3,274	2,197	2,734	8,204	2,162	1,314	1,997	5,473	5,397
1018	11	6,070	852	527	1,119	2,498	648	859	1,133	2,640	1,715
1019	11	4,142	591	361	817	1,769	252	335	512	1,099	1,170
1020	11	10,040	1,358	840	1,786	3,984	957	1,273	1,716	3,946	2,836
1021	11	8,931	1,136	1,279	1,167	3,582	501	264	1,109	1,874	2,523
1022	11	48,837	10,137	3,882	5,838	19,856	1,121	2,562	4,606	8,288	13,796
1023	11	19,870	4,235	1,632	2,434	8,300	653	1,561	2,406	4,620	5,613
1024	11	25,789	3,985	3,002	3,697	10,684	2,291	2,211	4,425	8,927	7,285
1025	11	116	27	20	11	58	7	10	6	23	33
1026	11	30,826	4,986	3,760	4,695	13,441	976	885	2,514	4,375	8,708
1027	11	59,868	11,817	11,789	5,168	28,774	8,352	3,408	4,225	15,985	16,913
1028	11	51,117	8,664	11,507	4,288	24,459	5,157	5,287	3,955	14,400	14,440
1029	11	22,957	5,907	3,303	1,755	10,965	2,031	2,590	2,156	6,776	6,485
1030	11	13,672	3,990	1,446	737	6,173	1,031	441	1,180	2,653	3,862
1031	11	31,019	8,736	3,640	1,885	14,262	2,594	2,301	2,775	7,670	8,763
1032	11	46,334	12,291	6,088	3,204	21,582	3,760	4,046	3,782	11,588	13,089
1033	11	14,779	3,361	2,479	1,249	7,090	1,217	1,284	953	3,454	4,175
1034	11	33,573	7,306	5,595	2,514	15,415	3,450	1,033	3,606	8,089	9,484

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1035	11	12,358	2,785	2,105	985	5,876	2,302	631	2,140	5,073	3,491
1036	11	24,782	5,545	4,128	2,024	11,697	1,893	1,911	1,842	5,646	7,001
1037	11	9,285	1,981	1,558	641	4,180	234	81	603	918	2,623
1038	11	6,241	1,360	1,040	469	2,869	426	244	505	1,175	1,763
1039	11	8,419	1,914	1,406	716	4,036	792	775	687	2,254	2,378
1040	11	9,948	1,400	1,427	1,484	4,311	289	138	638	1,066	2,810
1041	11	5,170	732	742	767	2,241	152	76	332	561	1,460
1042	11	14,181	2,097	2,148	2,247	6,493	445	251	969	1,665	4,006
1043	11	17,603	2,703	2,520	2,337	7,559	1,125	500	1,323	2,948	4,973
1044	11	21,229	3,346	3,070	2,784	9,201	1,386	615	1,575	3,576	5,997
1045	11	43,851	8,157	6,703	5,034	19,893	4,641	2,484	3,760	10,885	12,388
1046	11	11,069	1,679	1,626	1,587	4,892	353	227	685	1,265	3,127
1047	11	17,751	3,609	2,849	1,965	8,423	1,477	1,489	1,154	4,120	5,015
1048	11	27,580	4,676	3,983	3,201	11,860	1,941	1,875	2,171	5,986	7,791
1049	11	15,513	2,557	2,362	2,162	7,080	1,068	646	1,407	3,120	4,382
1050	11	5,800	963	562	1,044	2,569	561	151	746	1,458	1,638
1051	11	11,025	1,845	1,102	1,869	4,816	828	244	1,098	2,169	3,115
1052	11	3,853	691	406	737	1,834	224	61	339	624	1,089
1053	11	3,781	646	374	716	1,736	277	74	402	752	1,068
1054	11	6,631	1,094	639	1,183	2,916	514	133	723	1,370	1,873
1055	11	14,234	2,286	1,352	2,381	6,019	1,039	266	1,378	2,682	4,021
1056	11	14,790	2,578	1,590	2,358	6,526	1,531	429	1,743	3,704	4,178
1057	11	18,835	3,434	2,149	2,979	8,562	2,152	582	2,109	4,842	5,321
1058	11	11,137	1,778	1,037	1,926	4,741	610	165	975	1,751	3,146
1059	11	4,677	1,323	196	311	1,830	154	114	762	1,030	1,321
1060	11	10,982	3,466	658	855	4,979	993	794	4,381	6,168	3,102
1061	11	12,243	4,087	630	969	5,686	378	275	1,802	2,456	3,459
1062	11	5,685	1,604	252	382	2,239	255	191	1,206	1,652	1,606
1063	11	14,570	3,758	1,413	1,114	6,285	1,588	526	2,077	4,191	4,116
1064	11	17,513	4,269	649	1,009	5,927	481	359	2,455	3,295	4,948
1065	11	16,454	3,979	943	1,032	5,954	1,024	477	2,608	4,110	4,648
1066	11	14,913	4,076	788	1,009	5,873	684	379	2,202	3,265	4,213
1067	11	12,332	3,161	496	752	4,409	371	235	1,611	2,216	3,484
1068	11	16,261	4,361	626	1,021	6,008	325	213	1,726	2,264	4,594
1069	11	11,962	3,141	1,139	920	5,200	1,247	416	1,712	3,375	3,379
1070	11	7,479	1,938	782	589	3,309	787	292	995	2,073	2,113
1071	11	17,991	4,860	1,059	1,235	7,155	820	237	1,533	2,590	5,083
1072	11	9,968	2,737	483	665	3,885	383	289	1,751	2,423	2,816
1073	11	50,651	10,916	7,711	5,451	24,079	9,004	2,149	3,649	14,803	14,309
1074	11	6,672	958	599	1,118	2,676	844	168	618	1,630	1,885
1075	11	2,682	381	237	453	1,071	347	58	250	655	758
1076	11	30,296	6,314	4,349	3,586	14,249	4,298	2,052	2,704	9,054	8,559
1077	11	16,843	3,296	2,592	2,048	7,935	1,749	1,303	1,201	4,254	4,758
1078	11	9,060	1,283	1,314	1,864	4,461	901	317	862	2,080	2,559
1079	11	1,237	291	209	113	613	69	108	68	245	349
1080	11	16,476	2,213	2,324	3,415	7,952	1,881	636	1,898	4,415	4,655
1081	11	10,242	2,873	2,080	670	5,623	851	285	2,084	3,220	2,893
1082	11	20,405	3,608	1,842	2,452	7,901	1,044	733	3,653	5,429	5,765
1083	11	8,759	1,650	1,090	904	3,644	706	598	1,030	2,333	2,474
1084	11	5,436	1,008	654	585	2,247	333	357	635	1,325	1,536
1085	11	2,423	499	342	241	1,082	296	143	242	682	685
1086	11	15,529	3,155	1,393	2,174	6,722	987	1,265	1,978	4,231	4,387
1087	11	11,687	1,936	1,165	1,784	4,884	816	778	1,069	2,663	3,302
1088	11	12,858	1,806	903	2,489	5,198	171	1,198	1,495	2,864	3,632
1089	11	5,221	942	591	757	2,291	478	283	419	1,181	1,475
1090	11	21,460	3,049	1,583	3,941	8,572	2,915	3,897	4,261	11,074	6,062
1091	11	15,938	3,364	862	2,916	7,142	1,004	520	1,393	2,918	4,502
1092	11	16,714	3,533	928	3,040	7,500	1,097	540	1,458	3,094	4,722
1093	11	14,673	2,987	524	2,839	6,351	772	451	1,391	2,614	4,145
1094	11	14,507	2,983	885	2,462	6,330	1,111	538	1,343	2,992	4,098
1095	11	3,049	618	235	457	1,309	414	134	346	894	861
1096	11	12,609	2,598	789	2,126	5,513	914	514	1,160	2,587	3,562
1097	11	9,376	1,990	982	1,238	4,210	1,409	424	931	2,764	2,649
1098	11	16,459	3,314	576	3,155	7,046	2,576	1,706	3,952	8,234	4,650
1099	11	13,631	2,690	733	2,288	5,711	2,171	1,193	2,708	6,072	3,851
1100	11	14,772	2,927	491	2,805	6,223	816	508	1,480	2,803	4,173
1101	11	21,076	4,507	1,640	3,408	9,556	1,351	1,288	1,790	4,429	5,954
1102	11	6,910	1,274	150	1,287	2,710	1,440	977	2,201	4,618	1,952
1103	11	20,358	4,060	558	4,018	8,635	974	554	1,874	3,402	5,751
1104	11	12,008	2,380	401	2,279	5,060	664	413	1,203	2,280	3,392
1105	11	11,719	2,334	435	2,192	4,962	650	405	1,158	2,213	3,311
1106	11	13,617	2,803	842	2,303	5,948	1,091	510	1,263	2,863	3,847
1107	11	3,644	749	512	359	1,619	459	120	345	924	1,030
1108	11	3,559	625	397	374	1,396	195	85	416	696	1,006
1109	11	8,096	1,615	1,089	812	3,516	1,089	334	1,096	2,519	2,287
1110	11	12,501	2,142	1,357	1,293	4,792	785	348	1,683	2,817	3,532

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1111	11	7,092	1,196	764	706	2,665	764	351	1,455	2,569	2,003
1112	11	1,633	301	191	181	673	117	51	239	407	461
1113	11	4,677	927	623	471	2,020	621	193	646	1,460	1,321
1114	11	5,142	1,063	728	504	2,295	669	170	482	1,320	1,453
1251	7	282	48	20	49	118	15	21	15	51	80
1252	7	3,987	687	418	595	1,700	223	497	192	912	1,126
1253	7	4,775	574	1,125	275	1,974	312	445	289	1,046	1,349
1254	7	2,935	299	748	138	1,185	193	99	201	493	829
1255	7	5,224	839	884	510	2,233	206	368	325	900	1,476
1256	7	3,358	997	597	85	1,679	343	225	390	959	949
1257	7	6,833	502	772	1,534	2,808	310	810	276	1,396	1,930
1258	7	6,062	833	643	1,093	2,568	483	544	240	1,267	1,713
1259	7	7,215	1,078	827	1,163	3,068	366	608	415	1,388	2,038
1260	7	3,070	404	373	512	1,289	239	193	108	540	867
1261	7	1,410	176	112	301	589	47	96	82	225	398
1262	7	2,236	320	249	384	953	146	189	93	428	632
1263	7	1,358	186	130	258	574	93	140	61	295	384
1264	7	2,609	381	308	427	1,116	196	339	112	646	737
1265	7	2,391	363	314	353	1,030	136	238	91	465	675
1266	7	1,916	317	315	207	839	93	56	55	204	541
1267	7	4,835	435	174	1,379	1,988	458	106	229	793	1,366
1268	7	56	10	10	5	25	6	14	2	22	16
1269	7	5,135	448	556	1,117	2,121	418	291	242	951	1,451
1270	7	7,509	495	678	1,875	3,048	617	265	381	1,263	2,121
1271	7	3,762	440	238	877	1,556	375	43	201	620	1,063
1272	7	5,143	385	298	1,411	2,094	161	165	471	798	1,453
1273	7	7,612	922	548	1,692	3,163	375	505	507	1,387	2,150
1274	7	4,773	970	316	769	2,055	200	364	330	894	1,348
1275	7	2,652	542	166	434	1,141	114	185	186	485	749
1276	7	999	203	66	161	430	43	40	68	151	282
1277	7	6,502	1,285	506	1,011	2,802	263	468	472	1,203	1,837
1278	7	4,149	537	370	834	1,742	123	257	294	674	1,172
1279	7	2,202	661	218	95	974	199	42	110	352	622
1280	7	9,254	2,274	968	852	4,094	374	588	305	1,266	2,614
1281	7	7,097	1,785	699	655	3,140	410	538	282	1,230	2,005
1282	7	2,583	750	151	243	1,144	180	138	116	434	730
1283	7	1,341	395	72	126	593	95	74	61	230	379
1284	7	28,168	4,366	4,774	2,926	12,067	2,160	2,247	1,341	5,749	7,957
1285	7	43,292	7,966	6,373	4,566	18,905	3,925	4,865	1,827	10,617	12,230
1286	7	14,877	2,875	1,788	1,774	6,437	1,164	1,127	721	3,012	4,203
1287	7	59,951	9,847	6,849	8,557	25,253	2,627	3,118	4,003	9,748	16,936
1288	7	60,371	11,986	7,413	6,765	26,164	4,051	4,422	3,607	12,080	17,055
1289	7	1,18,143	21,239	19,425	11,233	51,897	8,362	3,442	4,113	15,917	33,375
1290	7	45,393	8,019	7,777	4,188	19,984	2,639	562	1,340	4,541	12,823
1291	7	16,990	3,006	2,153	2,110	7,269	1,171	641	978	2,791	4,800
1292	7	8,575	2,049	1,479	155	3,683	264	259	765	1,287	2,422
1293	7	5,534	1,317	955	106	2,378	177	189	489	856	1,563
1294	7	7,750	1,825	1,340	168	3,333	245	321	670	1,237	2,189
1295	7	4,160	1,011	716	57	1,783	120	125	388	633	1,175
1296	7	10,893	2,655	1,873	140	4,669	316	314	1,022	1,652	3,077
1297	7	10,018	1,760	1,242	1,230	4,232	325	452	759	1,536	2,830
1298	7	11,376	1,997	1,441	1,379	4,816	360	573	838	1,771	3,214
1299	7	18,298	3,219	2,181	2,300	7,700	565	863	1,467	2,894	5,169
1300	7	793	137	136	75	348	37	113	28	178	224
1301	7	5,406	950	668	665	2,283	324	255	289	867	1,527
1302	7	2,991	523	418	338	1,280	178	239	142	559	845
1303	7	4,726	826	676	526	2,027	245	278	210	733	1,335
1304	7	10,285	2,268	780	1,354	4,402	559	275	814	1,648	2,906
1305	7	8,961	1,991	648	1,193	3,832	486	224	724	1,434	2,531
1306	7	15,797	2,974	1,475	2,234	6,682	1,114	770	844	2,728	4,463
1307	7	11,723	2,207	1,096	1,657	4,960	824	575	626	2,025	3,312
1308	7	10,682	1,999	1,062	1,471	4,532	725	557	552	1,834	3,018
1309	7	21,357	4,023	1,983	3,027	9,033	1,502	1,030	1,144	3,676	6,033
1310	7	10,676	2,015	968	1,527	4,510	760	514	579	1,852	3,016
1311	7	8,054	1,507	804	1,107	3,418	545	411	414	1,370	2,275
1312	7	9,043	1,704	834	1,285	3,824	640	422	485	1,547	2,555
1313	7	27,389	5,166	2,503	3,906	11,575	1,942	1,320	1,479	4,741	7,737
1314	7	8,336	1,575	750	1,197	3,521	595	402	454	1,451	2,355
1315	7	14,562	2,737	1,385	2,044	6,165	1,013	751	772	2,535	4,114
1316	7	5,695	1,033	977	429	2,439	369	352	319	1,039	1,609
1317	7	5,815	1,060	993	430	2,482	300	388	340	1,028	1,643
1318	7	9,804	1,771	1,689	750	4,210	679	688	531	1,898	2,770
1319	7	9,793	1,751	1,705	777	4,232	794	855	485	2,134	2,766
1320	7	16,401	3,057	2,735	1,108	6,900	755	766	1,155	2,676	4,633
1321	7	23,516	4,399	3,906	1,564	9,868	1,087	1,088	1,708	3,883	6,643
1322	7	18,297	3,413	3,048	1,232	7,693	845	891	1,299	3,035	5,169

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1323	7	8,553	1,575	1,445	608	3,627	391	414	540	1,345	2,416
1324	7	56,219	13,904	4,840	5,503	24,247	2,128	2,007	4,879	9,014	15,882
1325	7	50,903	6,283	6,783	7,914	20,980	2,303	1,675	4,067	8,045	14,380
1326	7	62,971	11,480	10,751	5,332	27,563	4,333	2,556	2,682	9,572	17,789
1327	7	14,329	2,742	2,321	1,158	6,221	1,050	1,159	858	3,068	4,048
1328	7	6,199	1,164	1,025	510	2,699	509	524	339	1,373	1,751
1329	7	30,557	8,630	2,222	2,551	13,404	1,533	988	2,281	4,802	8,632
1330	7	2,565	683	227	209	1,118	143	128	154	424	725
1331	7	9,494	2,059	1,299	810	4,168	911	811	440	2,161	2,682
1332	7	12,565	2,878	1,570	1,060	5,508	1,093	898	622	2,613	3,550
1333	7	8,327	2,134	819	684	3,637	525	441	476	1,442	2,352
1334	7	1,762	404	170	185	759	87	118	103	307	498
1335	7	4,912	950	735	466	2,150	528	457	211	1,196	1,388
1336	7	3,010	713	258	323	1,294	153	199	189	540	850
1337	7	9,165	2,087	907	960	3,953	493	655	533	1,680	2,589
1338	7	6,432	977	969	780	2,726	424	482	358	1,263	1,817
1339	7	5,037	727	706	669	2,103	230	278	319	826	1,423
1340	7	2,673	393	384	344	1,121	123	129	159	411	755
1341	7	6,230	895	866	836	2,597	285	322	400	1,007	1,760
1342	7	2,158	364	376	205	946	253	253	82	588	610
1343	7	6,351	914	886	850	2,649	289	365	407	1,061	1,794
1344	7	20,614	3,667	3,317	2,043	9,026	1,999	2,692	805	5,496	5,824
1345	7	17,881	3,475	1,779	2,369	7,623	519	2,042	982	3,543	5,051
1346	7	12,083	2,354	1,178	1,614	5,147	227	1,630	678	2,535	3,413
1347	7	15,526	3,022	1,525	2,068	6,615	1,020	1,322	1,025	3,367	4,386
1348	7	2,446	480	227	333	1,040	160	172	166	498	691
1349	7	9,052	1,753	922	1,187	3,863	241	819	635	1,695	2,557
1350	7	11,928	2,172	1,391	1,477	5,040	537	959	727	2,223	3,370
1351	7	3,700	671	450	448	1,569	190	326	218	735	1,045
1352	7	7,287	1,431	668	997	3,096	151	275	746	1,172	2,059
1353	7	5,459	1,059	550	720	2,328	234	314	448	995	1,542
1354	7	5,741	1,122	549	773	2,443	232	260	416	908	1,622
1355	7	12,779	2,501	1,203	1,730	5,434	550	759	948	2,258	3,610
1356	7	8,883	1,743	823	1,210	3,775	381	506	665	1,553	2,509
1357	7	5,754	1,132	520	791	2,443	113	90	622	824	1,625
1358	7	6,114	1,206	1,143	296	2,645	441	407	344	1,192	1,727
1359	7	46,292	9,900	6,301	3,489	19,691	1,920	1,257	4,183	7,360	13,077
1360	7	9,494	1,803	1,103	1,172	4,078	419	448	712	1,578	2,682
1361	7	18,298	3,834	2,419	1,560	7,812	737	941	1,320	2,998	5,169
1362	7	8,030	1,672	1,075	685	3,432	327	441	568	1,336	2,269
1363	7	15,624	3,274	2,065	1,332	6,671	631	780	1,098	2,509	4,414
1364	7	49,680	10,592	6,331	4,217	21,141	2,065	2,604	3,853	8,522	14,035
1365	7	5,631	1,086	878	503	2,466	544	600	252	1,396	1,591
1366	7	6,933	1,568	803	626	2,998	419	352	431	1,202	1,958
1367	7	10,473	2,212	1,402	942	4,556	796	768	568	2,132	2,959
1368	7	3,172	623	292	433	1,348	103	113	271	487	896
1369	7	12,409	2,645	1,067	1,610	5,322	744	307	887	1,938	3,505
1370	7	3,614	726	251	572	1,548	146	70	312	528	1,021
1371	7	10,620	2,346	664	1,544	4,554	443	153	1,006	1,602	3,000
1372	7	9,028	1,921	741	1,227	3,890	484	323	679	1,486	2,550
1373	7	8,725	1,891	634	1,226	3,751	243	691	792	1,725	2,465
1374	7	2,514	582	330	171	1,084	131	206	200	537	710
1375	7	4,418	915	424	571	1,910	206	366	366	937	1,248
1376	7	3,981	916	572	226	1,715	231	101	296	629	1,125
1377	7	4,275	801	616	453	1,870	366	404	252	1,021	1,208
1378	7	7,445	1,545	1,310	336	3,191	303	362	605	1,270	2,103
1379	7	8,022	1,649	803	1,021	3,473	376	451	592	1,420	2,266
1380	7	1,526	288	193	178	659	97	75	63	236	431
1381	7	4,036	723	639	403	1,766	372	431	150	953	1,140
1382	7	3,527	658	472	397	1,527	234	274	145	652	996
1383	7	27,654	4,890	4,599	2,649	12,139	3,003	3,375	1,014	7,393	7,812
1384	7	1,568	4,740	4,740	2,497	11,977	3,127	84	236	3,447	443
1385	7	18,008	3,148	3,103	1,673	7,924	1,977	1,921	615	4,513	5,087
1386	7	8,515	1,354	843	1,386	3,583	364	1,371	558	2,292	2,406
1387	7	21,459	3,343	1,900	3,642	8,884	1,433	2,465	1,948	5,846	6,062
1388	7	12,423	2,086	1,369	2,048	5,503	787	2,132	1,069	3,988	3,510
1389	7	6,059	900	587	887	2,374	362	997	484	1,843	1,712
1390	7	6,839	1,083	575	1,229	2,888	470	728	658	1,856	1,932
1391	7	26,477	4,500	4,326	2,750	11,576	2,751	3,722	1,075	7,548	7,480
1392	7	1,775	286	199	267	752	80	94	97	271	501
1393	7	4,162	675	485	611	1,771	177	532	235	944	1,176
1394	7	6,386	1,034	743	938	2,716	349	545	351	1,246	1,804
1395	7	14,761	2,410	1,831	2,064	6,305	1,019	1,271	775	3,065	4,170
1396	7	2,370	382	263	360	1,005	103	151	132	385	670
1397	7	19,848	3,383	3,300	2,010	8,693	2,277	2,209	763	5,249	5,607
1398	7	5,325	854	569	828	2,251	233	327	304	864	1,504

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1399	7	3,219	517	349	496	1,362	145	186	181	513	909
1400	7	10,994	1,869	1,799	1,140	4,807	1,225	1,187	431	2,843	3,106
1401	7	8,851	1,385	747	1,558	3,691	377	592	592	1,560	2,500
1402	7	6,053	978	691	901	2,570	311	595	341	1,247	1,710
1403	7	403	70	73	36	178	14	126	16	155	114
1404	7	29,747	4,798	3,310	4,517	12,625	1,496	3,801	1,761	7,059	8,404
1405	7	1	0	0	0	0	0	0	0	0	0
1406	7	11,816	1,874	1,141	1,950	4,965	490	1,113	746	2,348	3,338
1407	7	10,248	1,639	1,407	1,207	4,254	723	1,830	593	3,147	2,895
1408	7	13,679	2,320	2,203	1,450	5,973	1,405	1,815	562	3,783	3,864
1409	7	6,771	1,136	1,021	781	2,939	562	1,199	316	2,077	1,913
1410	7	11,284	1,806	1,188	1,771	4,766	479	1,421	689	2,589	3,188
1411	7	2,746	446	324	399	1,169	118	208	146	472	776
1412	7	4,639	726	388	821	1,934	196	306	311	813	1,311
1413	7	3,801	627	506	500	1,633	162	704	200	1,066	1,074
1414	7	3,509	591	542	393	1,527	254	74	128	456	991
1415	7	27,478	4,385	2,809	4,391	11,585	1,234	2,122	1,649	5,005	7,762
1416	7	11,223	945	1,039	2,595	4,579	492	999	707	2,198	3,170
1417	7	69,733	11,948	12,448	6,350	30,746	5,020	1,362	1,843	8,224	19,700
1418	7	13,838	1,208	1,323	3,131	5,662	605	1,953	892	3,449	3,909
1419	7	8,919	703	777	2,141	3,621	401	620	573	1,594	2,520
1420	7	8,523	663	734	2,027	3,423	599	955	765	2,319	2,408
1421	7	15,086	2,100	2,214	2,154	6,468	916	1,955	667	3,538	4,262
1422	7	9,597	883	961	2,100	3,944	467	1,093	590	2,151	2,711
1423	7	2,024	189	205	439	833	88	334	128	550	572
1424	7	1,891	156	170	383	709	115	310	153	578	534
1425	7	6,208	502	554	1,469	2,525	284	411	393	1,088	1,754
1426	7	3,197	241	263	578	1,081	172	403	233	808	903
1427	7	12,028	1,260	1,357	2,383	5,000	744	1,258	681	2,683	3,398
1428	7	23,614	3,511	3,687	3,012	10,210	1,270	2,205	903	4,378	6,671
1429	7	3,582	15,108	16,042	8,340	39,490	6,728	468	484	7,679	1,012
1430	7	16,780	7,506	9,270	6,572	23,348	2,378	2,384	803	5,564	4,740
1431	7	14,087	2,023	2,360	1,513	5,897	455	6,545	712	7,712	3,980
1432	7	22,874	1,444	3,416	4,317	9,177	425	3,317	939	4,681	6,462
1433	7	13,011	2,245	3,464	3,259	8,968	695	1,815	559	3,068	3,676
1434	7	13,757	4,955	6,351	4,772	16,078	1,854	1,918	648	4,420	3,886
1435	7	-	4,019	4,186	2,065	10,270	2,388	-	122	2,509	-
1436	7	-	2,065	2,150	1,061	5,276	1,195	-	61	1,256	-
1437	7	672	6,082	6,392	3,233	15,708	3,245	87	192	3,524	190
1438	7	3,935	355	536	494	1,385	103	865	170	1,137	1,112
1439	7	1,19,405	10,368	18,424	20,123	48,915	4,018	15,834	5,155	25,008	33,732
1440	7	97,720	14,960	17,009	10,460	42,428	10,462	13,010	3,585	27,058	27,606
1441	7	5,072	315	642	770	1,728	191	798	269	1,259	1,433
1442	7	7,154	509	1,071	1,310	2,890	206	979	331	1,516	2,021
1443	7	17,603	2,258	2,934	2,290	7,482	1,310	2,507	697	4,515	4,973
1444	7	13,476	1,690	2,234	1,789	5,713	899	2,304	547	3,750	3,807
1445	7	19,943	2,229	3,225	2,899	8,353	928	3,258	836	5,022	5,634
1446	7	17,647	2,633	3,051	1,952	7,636	1,471	2,584	647	4,703	4,985
1447	7	1,008	158	176	104	438	41	368	45	454	285
1448	7	56,890	8,747	9,753	5,744	24,244	4,829	12,144	2,301	19,274	16,072
1449	7	3,465	568	609	326	1,503	274	800	134	1,207	979
1450	7	17,305	2,543	2,980	1,950	7,474	900	4,469	767	6,136	4,889
1451	7	22,118	3,495	3,832	2,169	9,495	1,940	4,625	872	7,437	6,248
1452	7	27,802	3,443	4,597	3,731	11,770	1,359	5,445	1,154	7,958	7,854
1453	7	18,336	3,127	3,287	1,665	8,079	1,842	3,643	675	6,161	5,180
1454	7	78,292	10,279	13,118	9,964	33,362	3,462	16,688	3,345	23,495	22,117
1455	7	33,125	2,985	5,144	5,482	13,611	1,096	3,933	1,372	6,402	9,358
1456	7	21,896	2,578	3,581	3,062	9,221	940	4,997	1,039	6,977	6,186
1457	7	73,096	8,146	11,481	11,125	30,752	1,301	23,210	4,425	28,937	20,650
1458	7	19,795	3,155	3,463	2,033	8,651	609	7,920	960	9,489	5,592
1459	7	1,22,249	17,216	20,539	14,890	52,645	12,711	44,342	6,795	63,848	34,535
1551	4	85,382	16,653	19,045	8,869	44,566	7,582	5,166	3,166	15,915	24,121
1552	4	18,690	3,775	4,383	1,894	10,051	2,465	1,716	682	4,863	5,280
1553	4	92,537	19,196	22,439	9,354	50,988	9,770	2,565	2,851	15,185	26,142
1554	4	49,021	10,375	8,638	4,582	23,595	3,781	5,474	2,447	11,702	13,848
1555	4	23,722	4,991	4,174	2,205	11,370	1,793	2,079	1,036	4,908	6,701
1556	4	57,177	12,339	11,900	5,526	29,764	6,397	4,289	2,328	13,014	16,153
1557	4	14,465	3,333	3,274	1,388	7,995	1,883	1,364	496	3,743	4,086
1558	4	16,397	4,531	1,934	1,368	7,832	1,646	834	759	3,238	4,632
1559	4	17,540	4,793	1,933	1,424	8,150	1,062	660	637	2,359	4,955
1560	4	11,648	3,340	1,610	626	5,576	213	141	293	646	3,291
1561	4	10,777	5,882	2,707	1,053	9,642	754	265	415	1,433	3,045
1562	4	50,632	6,680	5,443	5,602	17,725	941	587	1,298	2,826	14,304
1563	4	17,411	3,564	3,260	2,121	8,946	2,145	814	540	3,499	4,919
1564	4	16,764	3,333	2,507	2,258	8,099	948	779	472	2,199	4,736
1565	4	16,760	2,989	3,113	1,963	8,066	812	1,030	460	2,302	4,735

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1566	4	12,519	2,379	2,589	1,408	6,375	1,216	953	382	2,552	3,537
1567	4	8,728	1,405	696	1,644	3,745	82	42	197	321	2,466
1568	4	15,079	2,559	1,636	2,615	6,810	387	394	370	1,152	4,260
1569	4	16,296	2,471	2,908	1,642	7,021	2,448	844	1,525	4,817	4,604
1570	4	20,435	3,119	3,673	1,992	8,785	2,038	1,023	1,378	4,439	5,773
1571	4	24,432	3,740	4,403	2,439	10,582	2,410	935	1,635	4,980	6,902
1572	4	59,760	10,881	6,999	8,028	25,908	7,158	3,318	3,823	14,299	16,882
1573	4	30,447	5,879	4,580	3,926	14,386	3,391	1,941	1,670	7,003	8,601
1574	4	6,374	1,039	973	827	2,838	375	578	701	1,654	1,801
1575	4	26,202	2,104	2,094	4,475	8,673	501	577	3,665	4,742	7,402
1576	4	23,511	2,774	3,852	2,503	9,129	1,909	1,172	2,527	5,608	6,642
1577	4	42,417	7,720	8,465	5,163	21,349	12,491	4,537	2,560	19,588	11,983
1578	4	57,079	8,474	8,252	8,136	24,863	5,176	2,415	3,469	11,060	16,125
1579	4	52,003	8,459	8,721	6,976	24,155	5,972	2,262	2,830	11,065	14,691
1580	4	67,752	5,515	2,272	10,622	18,409	4,447	3,128	3,799	11,375	19,140
1581	4	23,314	4,019	3,880	3,518	11,417	2,991	2,095	1,249	6,335	6,586
1582	4	62,737	9,103	6,920	11,514	27,536	6,838	4,341	3,617	14,796	17,723
1583	4	39,662	3,502	1,531	6,577	11,610	3,471	2,429	2,641	8,541	11,205
1584	4	11,311	790	2,123	1,763	4,676	1,140	1,172	1,196	3,508	3,195
1585	4	17,259	1,559	3,420	2,572	7,552	1,688	1,791	1,568	5,047	4,876
1586	4	54,158	1,541	7,843	7,813	17,197	5,303	5,589	6,469	17,361	15,300
1587	4	21,606	1,691	1,733	3,153	6,577	711	959	3,312	4,981	6,104
1588	4	36,985	2,824	2,798	6,123	11,745	624	805	3,504	4,933	10,448
1589	4	22,135	1,735	1,715	3,795	7,246	746	520	3,330	4,595	6,253
1590	4	27,546	5,405	4,851	454	10,711	457	466	2,981	3,904	7,782
1591	4	9,129	2,817	639	258	3,714	650	429	1,126	2,205	2,579
1592	4	13,892	1,174	1,178	2,408	4,759	540	332	1,882	2,753	3,925
1593	4	8,106	1,558	1,387	958	3,903	768	488	749	2,006	2,290
1594	4	38,815	9,258	5,058	3,146	17,463	2,890	2,005	2,793	7,688	10,965
1595	4	4,713	1,257	572	264	2,093	444	75	683	1,202	1,331
1596	4	13,143	3,311	2,148	914	6,373	2,023	391	1,769	4,182	3,713
1597	4	9,292	3,048	911	312	4,272	1,271	363	669	2,303	2,625
1598	4	8,735	1,854	1,249	647	3,750	995	345	986	2,326	2,468
1599	4	2,658	557	374	215	1,146	360	110	286	757	751
1600	4	9,199	1,922	1,280	739	3,941	2,701	821	1,938	5,460	2,599
1601	4	3,703	770	524	428	1,722	980	468	1,023	2,471	1,046
1602	4	4,285	886	556	501	1,943	1,177	581	1,304	3,062	1,210
1603	4	7,992	1,845	1,001	950	3,796	1,586	241	570	2,397	2,258
1604	4	6,780	1,041	906	949	2,897	868	200	624	1,693	1,915
1605	4	18,998	3,298	2,154	2,865	8,317	1,746	683	825	3,254	5,367
1606	4	9,577	1,691	1,321	1,302	4,315	1,822	665	610	3,096	2,705
1607	4	12,485	2,321	2,052	1,602	5,975	2,432	945	785	4,161	3,527
1608	4	26,331	4,708	3,856	3,486	12,050	7,772	3,768	2,539	14,078	7,439
1609	4	16,559	2,236	2,681	1,916	6,833	2,281	526	901	3,708	4,678
1610	4	11,932	1,655	1,983	1,381	5,019	2,224	962	1,195	4,381	3,371
1611	4	5,981	906	842	776	2,523	1,373	958	982	3,313	1,690
1612	4	19,526	2,550	3,458	1,962	7,970	982	2,020	2,382	5,385	5,516
1613	4	8,242	846	1,235	1,128	3,208	357	561	1,175	2,093	2,328
1614	4	1,561	295	225	131	650	206	258	273	736	441
1615	4	6,302	931	1,114	719	2,764	769	289	515	1,572	1,780
1616	4	15,971	2,693	2,053	1,683	6,429	101	1,689	970	2,761	4,512
1617	4	14,620	2,628	2,027	1,633	6,288	113	1,531	880	2,524	4,130
1618	4	7,738	1,450	1,119	900	3,469	73	769	450	1,292	2,186
1619	4	11,214	635	3,344	1,030	5,009	233	475	1,313	2,022	3,168
1620	4	17,395	2,428	3,222	2,657	8,307	3,363	4,147	2,387	9,897	4,914
1621	4	9,823	1,195	1,651	1,604	4,450	1,186	1,515	961	3,662	2,775
1622	4	19,892	1,610	4,086	3,185	8,881	1,075	2,669	1,994	5,739	5,619
1623	4	13,638	924	2,710	2,238	5,872	476	1,382	1,116	2,974	3,853
1624	4	16,387	1,058	3,445	2,948	7,450	574	2,250	1,744	4,568	4,629
1625	4	25,217	4,117	3,313	2,985	10,416	1,872	2,235	2,228	6,335	7,124
1626	4	17,261	2,863	2,198	1,955	7,017	1,180	1,134	1,643	3,958	4,876
1627	4	31,426	5,273	3,835	3,716	12,824	1,489	1,747	2,682	5,918	8,878
1628	4	11,298	1,951	1,402	1,384	4,737	363	448	759	1,570	3,192
1629	4	23,523	4,080	3,980	2,950	11,009	1,328	2,283	893	4,503	6,645
1630	4	16,409	3,010	3,238	1,922	8,170	4,594	1,660	1,548	7,802	4,636
1631	4	21,558	4,162	3,939	2,378	10,479	1,731	1,685	1,012	4,429	6,090
1632	4	36,891	6,478	5,808	3,854	16,140	4,250	4,401	2,676	11,327	10,422
1633	4	22,170	4,089	3,844	2,348	10,281	2,540	2,671	1,491	6,702	6,263
1634	4	15,571	3,067	2,890	1,758	7,715	1,960	1,955	1,108	5,023	4,399
1635	4	14,523	2,799	2,794	1,531	7,124	1,604	1,251	726	3,581	4,103
1636	4	16,518	3,255	3,076	1,861	8,192	2,130	2,006	1,162	5,298	4,666
1637	4	17,306	1,277	3,484	3,011	7,772	716	696	748	2,160	4,889
1638	4	5,908	1,673	632	533	2,837	233	202	893	1,327	1,669
1639	4	21,354	5,327	2,047	1,597	8,970	949	1,055	2,648	4,653	6,033
1640	4	8,565	3,436	229	239	3,904	318	508	538	1,364	2,420
1641	4	16,236	3,237	2,158	1,949	7,344	795	955	1,028	2,778	4,587

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1642	4	15,762	2,811	2,024	1,981	6,815	945	555	1,819	3,318	4,453
1643	4	17,156	3,107	2,309	1,867	7,283	2,873	2,969	2,298	8,140	4,846
1644	4	31,260	5,965	4,796	3,469	14,230	3,265	2,334	2,014	7,613	8,831
1645	4	9,666	1,639	1,923	1,178	4,740	1,653	746	686	3,085	2,731
1646	4	13,732	2,286	2,607	1,574	6,467	2,777	1,501	3,090	7,369	3,879
1647	4	13,290	1,972	2,205	1,587	5,764	1,061	541	1,503	3,104	3,754
1648	4	28,244	4,244	4,756	3,365	12,365	3,185	1,621	4,236	9,042	7,979
1649	4	19,934	3,483	4,022	2,144	9,650	2,480	665	1,097	4,242	5,631
1650	4	22,868	3,985	4,598	2,470	11,053	2,208	1,572	1,484	5,263	6,460
1651	4	18,253	4,811	2,568	1,298	8,677	3,415	968	3,936	8,320	5,157
1652	4	5,765	1,263	1,022	530	2,814	1,742	1,078	1,028	3,847	1,629
1653	4	3,286	751	424	296	1,471	1,189	898	877	2,964	928
1654	4	7,512	1,376	1,485	930	3,791	1,676	598	2,599	4,874	2,122
1655	4	4,304	763	537	556	1,856	670	392	1,795	2,858	1,216
1656	4	12,657	2,788	2,393	1,155	6,337	3,523	1,668	2,318	7,509	3,576
1657	4	6,174	1,418	1,002	558	2,978	1,262	709	1,070	3,041	1,744
1658	4	5,269	1,202	898	480	2,580	1,034	655	868	2,557	1,488
1659	4	3,229	704	526	281	1,512	915	558	749	2,222	912
1660	4	7,958	1,742	1,311	697	3,750	1,913	1,131	1,577	4,622	2,248
1661	4	5,903	2,176	507	175	2,858	794	358	327	1,479	1,667
1662	4	13,163	4,805	1,187	414	6,406	3,153	1,589	1,147	5,889	3,719
1663	4	8,594	1,308	1,566	1,076	3,950	1,012	785	1,136	2,933	2,428
1664	4	8,073	1,119	1,345	1,058	3,522	555	601	863	2,019	2,281
1665	4	7,359	865	1,825	922	3,612	2,337	5,280	2,914	10,531	2,079
1666	4	9,184	745	2,206	1,209	4,160	2,169	5,199	2,921	10,289	2,595
1667	4	7,520	1,060	1,270	884	3,213	1,260	1,096	1,098	3,454	2,124
1668	4	24,571	3,821	4,384	2,322	10,527	1,154	1,938	2,588	5,680	6,941
1669	4	5,155	909	860	678	2,447	1,532	2,854	1,323	5,709	1,456
1670	4	11,290	516	2,933	1,177	4,626	974	2,844	2,470	6,288	3,189
1671	4	7,075	484	1,859	742	3,086	900	2,419	2,020	5,338	1,999
1672	4	9,011	994	1,815	820	3,629	333	795	875	2,003	2,546
1673	4	21,055	2,498	4,477	2,011	8,986	765	1,762	1,886	4,413	5,948
1674	4	10,108	2,897	1,215	254	4,367	260	996	882	2,138	2,856
1675	4	19,564	2,842	3,407	2,424	8,673	1,412	941	1,113	3,466	5,527
1676	4	20,005	2,871	3,446	2,592	8,908	897	2,296	1,662	4,855	5,651
1677	4	6,285	1,007	1,206	474	2,686	292	545	521	1,359	1,776
1678	4	5,759	903	924	654	2,481	149	195	270	614	1,627
1679	4	12,125	2,012	2,190	1,349	5,550	1,737	1,855	2,014	5,606	3,425
1680	4	25,616	4,573	5,060	2,885	12,519	1,921	1,654	1,505	5,079	7,237
1681	4	4,671	879	769	411	2,059	781	750	1,407	2,938	1,320
1682	4	5,589	1,045	897	489	2,432	869	837	1,591	3,297	1,579
1683	4	4,665	868	734	407	2,009	630	609	1,175	2,413	1,318
1684	4	9,821	1,791	1,527	839	4,157	378	344	785	1,508	2,774
1685	4	7,231	1,089	717	890	2,696	283	212	694	1,188	2,043
1686	4	29,883	3,087	4,538	3,376	11,000	1,214	841	4,489	6,544	8,442
1687	4	10,012	2,335	1,165	894	4,394	3,142	1,058	1,945	6,145	2,829
1688	4	1,690	368	194	142	704	318	102	209	630	478
1689	4	3,637	736	516	447	1,699	1,661	299	802	2,762	1,027
1690	4	12,149	2,467	1,243	1,652	5,363	5,058	891	2,753	8,703	3,432
1691	4	6,660	1,176	802	1,006	2,984	3,845	1,532	3,593	8,970	1,881
1692	4	5,097	929	688	752	2,370	2,180	881	2,030	5,091	1,440
1693	4	5,822	1,024	695	760	2,479	3,440	376	1,199	5,015	1,645
1694	4	2,559	468	302	356	1,125	966	75	897	1,938	723
1695	4	6,802	1,274	864	945	3,083	776	266	2,650	3,691	1,921
1696	4	21,685	2,951	3,549	2,882	9,382	1,945	391	1,400	3,737	6,126
1697	4	4,638	650	780	603	2,033	1,718	380	964	3,062	1,310
1698	4	16,655	1,236	2,040	3,488	6,764	698	1,025	1,657	3,380	4,705
1699	4	9,494	1,286	1,545	1,230	4,061	308	1,254	538	2,101	2,682
1700	4	5,294	1,001	475	839	2,315	443	164	1,465	2,072	1,496
1701	4	10,482	2,050	1,038	1,683	4,771	741	285	2,325	3,351	2,961
1702	4	13,137	2,526	1,437	1,590	5,553	419	465	3,546	4,430	3,711
1703	4	3,196	568	462	341	1,371	284	164	581	1,029	903
1704	4	6,333	1,179	789	772	2,739	518	301	1,226	2,045	1,789
1705	4	14,239	2,022	1,872	2,099	5,993	2,247	1,505	1,847	5,599	4,023
1706	4	2,486	740	277	70	1,087	352	244	950	1,545	702
1707	4	3,067	971	361	91	1,424	236	177	652	1,065	867
1708	4	2,643	826	332	89	1,247	243	185	647	1,075	747
1709	4	14,459	3,959	1,817	1,064	6,841	2,868	1,412	4,220	8,500	4,085
1710	4	8,279	299	1,245	2,069	3,613	656	400	1,499	2,555	2,339
1711	4	4,372	1,555	179	276	2,010	602	260	700	1,563	1,235
1712	4	9,091	3,357	458	614	4,429	797	337	960	2,094	2,568
1801	5	14,736	2,825	2,257	1,622	6,704	1,821	1,070	665	3,557	4,163
1802	5	11,538	2,080	1,755	1,304	5,139	4,436	1,919	3,250	9,604	3,259
1803	5	13,549	2,585	2,086	1,509	6,180	1,284	1,012	387	2,683	3,827
1804	5	40,197	7,096	6,322	4,844	18,263	4,462	1,654	1,621	7,737	11,356
1805	5	27,651	3,675	4,765	3,177	11,617	1,499	1,463	3,878	6,841	7,811

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1806	5	13,897	2,358	2,397	1,526	6,281	1,725	570	1,228	3,523	3,926
1807	5	32,956	1,728	3,469	7,136	12,333	1,964	1,461	2,850	6,275	9,310
1808	5	16,587	2,893	2,250	2,511	7,654	5,620	5,583	9,971	21,174	4,686
1809	5	31,895	1,084	3,387	7,685	12,156	3,005	2,975	7,075	13,055	9,010
1810	5	31,209	8,958	5,011	2,676	16,645	10,088	7,663	6,320	24,071	8,817
1811	5	25,019	7,252	4,071	2,129	13,453	8,849	9,188	9,403	27,441	7,068
1812	5	28,976	6,281	2,427	4,686	13,393	5,323	4,667	5,659	15,648	8,186
1813	5	9,663	2,801	1,572	822	5,196	10,056	9,325	14,088	33,469	2,730
1814	5	15,769	4,571	2,566	1,342	8,479	4,461	4,029	1,245	9,736	4,455
1815	5	31,192	9,113	4,950	2,991	17,054	9,154	12,941	4,423	26,518	8,812
1816	5	11,057	3,148	1,667	1,114	5,930	3,753	5,203	1,989	10,944	3,124
1817	5	3,218	933	524	274	1,730	1,826	3,317	1,271	6,414	909
1818	5	21,122	6,101	3,381	1,875	11,357	6,535	6,450	2,134	15,118	5,967
1819	5	11,102	3,290	1,661	1,319	6,270	2,453	2,330	894	5,677	3,136
1820	5	6,869	1,991	1,118	585	3,694	3,447	5,336	2,129	10,912	1,941
1821	5	10,278	3,172	1,472	1,053	5,698	2,846	1,496	535	4,877	2,903
1822	5	9,134	2,264	1,363	748	4,375	905	1,039	674	2,618	2,580
1823	5	5,787	1,640	963	520	3,123	2,326	2,544	1,635	6,505	1,635
1824	5	14,376	3,628	2,187	1,202	7,017	1,119	1,006	724	2,850	4,061
1825	5	9,037	2,516	1,417	743	4,676	3,864	3,258	1,836	8,958	2,553
1826	5	2,408	698	392	205	1,295	2,005	2,150	1,372	5,527	680
1827	5	9,704	2,756	1,622	878	5,256	2,847	2,538	1,673	7,058	2,741
1828	5	4,481	1,299	729	381	2,410	2,716	2,301	1,475	6,492	1,266
1829	5	4,515	1,309	735	384	2,428	2,120	2,415	1,280	5,815	1,276
1830	5	21,794	5,145	2,928	2,485	10,558	1,898	2,248	1,791	5,937	6,157
1831	5	20,128	4,888	3,168	2,066	10,122	2,584	1,923	1,643	6,150	5,686
1832	5	4,811	1,394	783	409	2,587	1,050	1,012	955	3,017	1,359
1833	5	3,890	1,090	640	282	2,012	328	442	331	1,101	1,099
1834	5	2,648	768	431	225	1,424	590	396	320	1,306	748
1835	5	14,573	3,753	2,264	887	6,904	854	889	930	2,673	4,117
1836	5	32,240	9,173	5,237	2,810	17,219	10,317	7,787	2,889	20,993	9,108
1837	5	4,417	1,280	719	376	2,375	1,262	897	249	2,408	1,248
1838	5	17,387	5,040	2,829	1,480	9,349	8,715	6,198	2,598	17,511	4,912
1839	5	3,354	899	544	316	1,758	1,763	1,334	580	3,676	948
1840	5	3,606	328	299	864	1,492	291	67	182	540	1,019
1841	5	14,684	1,534	1,305	3,410	6,250	1,086	336	515	1,937	4,148
1842	5	6,061	1,960	684	327	2,970	1,919	110	1,480	3,510	1,712
1843	5	4,613	1,598	465	256	2,319	573	25	307	905	1,303
1844	5	2,456	621	176	323	1,120	97	73	144	314	694
1845	5	16,334	4,185	1,832	1,756	7,772	1,814	510	1,170	3,495	4,614
1846	5	4,802	1,667	313	459	2,440	3,085	730	1,089	4,903	1,356
1847	5	10,560	3,473	970	972	5,415	6,655	1,481	2,111	10,246	2,983
1848	5	8,831	2,666	1,102	764	4,531	3,383	851	874	5,107	2,495
1849	5	56,718	16,501	6,611	5,570	28,682	13,000	3,933	2,335	19,267	16,023
1850	5	41,703	12,509	4,993	4,227	21,730	14,407	15,698	4,095	34,200	11,781
1851	5	16,904	4,888	1,534	1,766	8,187	3,177	862	632	4,671	4,775
1852	5	26,586	7,104	3,277	2,683	13,064	4,852	2,373	1,060	8,285	7,511
1853	5	37,812	9,662	4,126	3,926	17,714	8,154	1,494	2,116	11,764	10,682
1854	5	10,495	2,565	967	1,150	4,682	1,869	304	697	2,871	2,965
1855	5	35,150	9,411	4,371	3,528	17,310	6,593	1,579	1,325	9,497	9,930
1856	5	14,947	3,774	1,471	1,652	6,897	2,369	440	934	3,744	4,223
1857	5	8,177	2,192	1,023	817	4,032	1,861	447	519	2,827	2,310
1858	5	6,667	1,575	530	760	2,865	855	152	420	1,427	1,883
1859	5	13,330	3,377	1,483	1,449	6,309	2,487	546	525	3,557	3,766
1860	5	8,144	1,784	517	1,061	3,362	824	155	553	1,531	2,301
1861	5	5,216	1,125	332	662	2,120	411	84	287	782	1,474
1862	5	15,361	3,743	1,411	1,864	7,018	2,602	659	1,061	4,322	4,339
1863	5	13,703	3,118	928	1,826	5,873	1,911	389	1,155	3,455	3,871
1864	5	6,040	1,470	498	794	2,763	499	163	264	926	1,706
1865	5	5,672	1,823	315	442	2,581	694	150	532	1,376	1,602
1866	5	22,637	7,859	1,472	1,921	11,252	3,099	609	1,941	5,648	6,395
1867	5	47,215	12,234	5,311	5,092	22,636	12,331	2,678	5,005	20,014	13,338
1868	5	31,213	7,611	3,213	3,256	14,080	4,803	1,234	1,876	7,913	8,818
1869	5	13,641	3,270	1,198	1,575	6,043	1,472	356	984	2,812	3,854
1870	5	9,722	2,580	1,233	965	4,778	2,047	534	572	3,152	2,746
1871	5	29,895	7,837	3,318	3,343	14,498	4,567	1,322	1,977	7,867	8,445
1872	5	14,346	3,527	1,318	1,674	6,519	1,545	381	948	2,874	4,053
1873	5	24,381	6,210	3,359	2,840	12,409	7,871	2,686	2,098	12,655	6,888
1874	5	20,782	4,846	2,546	2,819	10,212	9,130	3,292	3,209	15,630	5,871
1875	5	21,168	4,982	2,628	2,817	10,427	6,131	2,249	1,965	10,345	5,980
1876	5	6,744	1,757	644	812	3,212	429	249	644	1,322	1,905
1877	5	15,289	4,725	1,344	1,476	7,545	3,801	668	2,820	7,288	4,319
1878	5	25,374	5,338	3,120	3,112	11,570	1,681	1,069	1,720	4,470	7,168
1879	5	5,191	1,132	656	587	2,375	505	304	429	1,239	1,466
1880	5	53,752	15,476	8,174	1,906	25,556	4,321	1,559	2,567	8,446	15,185
1881	5	42,070	5,581	4,752	7,353	17,687	3,124	954	1,653	5,731	11,885

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1882	5	12,980	1,601	1,425	2,329	5,355	889	232	529	1,651	3,667
1883	5	18,275	2,884	2,176	2,814	7,875	2,260	663	774	3,697	5,163
1884	5	19,244	3,019	2,286	2,971	8,276	2,451	678	816	3,945	5,436
1885	5	17,788	3,071	2,208	2,610	7,888	2,233	1,005	748	3,986	5,025
1886	5	23,594	2,699	3,482	4,160	10,341	1,081	505	1,325	2,912	6,665
1887	5	1,56,799	41,775	25,635	14,738	82,148	21,818	704	4,053	26,576	44,296
1888	5	8,013	969	1,351	1,198	3,518	773	185	505	1,463	2,264
1889	5	30,871	7,753	3,058	3,151	13,962	2,170	832	3,440	6,442	8,721
1890	5	15,633	3,738	1,567	1,456	6,761	571	327	736	1,634	4,416
1891	5	34,958	11,764	508	3,787	16,060	3,138	601	3,747	7,486	9,876
1892	5	9,545	3,015	145	970	4,130	456	110	572	1,138	2,696
1893	5	9,929	2,108	1,195	1,350	4,653	1,866	652	1,002	3,520	2,805
1894	5	21,408	5,265	1,572	2,625	9,461	1,487	656	1,398	3,540	6,048
1895	5	17,952	3,214	1,459	3,010	7,683	1,919	964	1,052	3,934	5,071
1896	5	5,150	1,153	383	651	2,187	594	321	479	1,394	1,455
1897	5	6,034	1,302	343	842	2,487	302	160	407	870	1,705
1898	5	7,011	1,484	393	956	2,834	537	288	672	1,497	1,980
1899	5	15,156	4,543	1,121	1,655	7,319	1,591	586	1,008	3,186	4,281
1900	5	5,328	1,659	284	632	2,575	394	193	416	1,003	1,505
1901	5	11,869	3,651	854	1,340	5,846	1,177	600	819	2,597	3,353
1902	5	24,378	3,040	5,227	2,760	11,027	1,050	746	1,168	2,965	6,887
1903	5	8,946	2,418	328	1,394	4,140	827	300	591	1,719	2,527
1904	5	10,685	2,566	327	1,493	4,386	703	196	560	1,459	3,018
1905	5	9,469	2,654	727	1,285	4,666	1,387	723	585	2,695	2,675
1906	5	9,600	2,451	350	1,401	4,203	994	226	604	1,824	2,712
1907	5	11,962	3,184	246	1,959	5,388	1,023	252	870	2,145	3,379
1908	5	8,326	2,239	151	1,391	3,781	759	184	644	1,587	2,352
1909	5	6,703	1,630	146	989	2,765	935	225	732	1,892	1,894
1910	5	4,727	1,286	101	790	2,177	539	129	434	1,103	1,336
1911	5	6,516	1,570	157	942	2,668	827	203	648	1,678	1,841
1912	5	5,461	1,392	105	858	2,354	485	115	408	1,008	1,543
1913	5	17,215	4,606	1,217	2,261	8,084	2,524	1,041	1,081	4,647	4,863
1914	5	2,492	687	96	394	1,177	216	64	167	447	704
1915	5	4,303	1,179	81	732	1,992	378	86	321	785	1,216
1916	5	8,987	2,414	226	1,459	4,098	883	220	690	1,792	2,539
1917	5	9,988	2,524	190	1,556	4,271	1,056	252	869	2,177	2,822
1918	5	9,324	2,374	151	1,481	4,007	793	184	686	1,663	2,634
1919	5	10,225	2,587	163	1,616	4,366	946	218	807	1,972	2,888
1920	5	13,263	3,472	200	2,181	5,853	451	101	513	1,065	3,747
1921	5	23,477	5,721	2,889	2,939	11,549	2,958	1,069	1,780	5,808	6,632
1922	5	14,096	3,236	1,643	1,631	6,510	1,129	382	686	2,196	3,982
1923	5	7,818	1,949	981	1,014	3,944	1,024	395	679	2,098	2,209
1924	5	13,402	3,505	1,541	1,581	6,627	7,316	5,898	9,740	22,955	3,786
1925	5	5,299	1,220	362	776	2,358	381	287	583	1,251	1,497
1926	5	25,638	6,458	2,195	3,744	12,398	2,282	1,550	1,853	5,685	7,243
1927	5	5,671	1,295	369	842	2,506	393	312	623	1,329	1,602
1928	5	1,879	461	206	203	871	2,425	2,087	3,755	8,267	531
1929	5	2,077	471	130	312	913	144	108	233	486	587
1930	5	864	228	99	89	416	3,714	590	1,783	6,087	244
1931	5	1,588	409	113	210	731	2,807	447	1,362	4,615	449
1932	5	1,978	531	200	232	963	5,495	897	2,643	9,035	559
1933	5	1,768	481	203	193	877	5,255	850	2,520	8,626	500
1934	5	6,436	1,826	916	620	3,362	2,598	877	817	4,293	1,818
1935	5	12,915	1,276	935	3,134	5,345	1,993	1,072	2,091	5,157	3,648
1936	5	29,119	6,701	3,829	2,660	13,191	4,409	3,392	4,615	12,416	8,226
1937	5	23,398	5,122	1,630	3,426	10,179	1,329	690	2,566	4,585	6,610
1938	5	20,989	4,939	2,651	1,649	9,239	2,646	512	4,546	7,704	5,929
1939	5	10,021	1,934	1,010	1,292	4,235	945	474	1,373	2,792	2,831
1940	5	13,467	4,457	1,377	1,302	7,136	1,353	630	488	2,471	3,804
1941	5	12,364	3,800	1,080	1,110	5,989	1,579	376	983	2,938	3,493
1942	5	56,250	17,227	4,800	5,287	27,314	8,219	2,146	6,332	16,697	15,891
1943	5	4,309	1,096	564	242	1,902	201	355	358	914	1,217
1944	5	3,452	776	337	377	1,490	135	69	508	711	975
1945	5	7,784	1,750	997	711	3,458	1,210	768	1,211	3,188	2,199
1946	5	4,038	921	401	540	1,862	498	48	409	955	1,141
1947	5	7,336	2,006	416	1,022	3,444	1,524	311	833	2,668	2,072
1948	5	4,667	1,236	454	480	2,170	807	181	1,333	2,321	1,318
1949	5	2,774	957	364	127	1,448	625	38	561	1,224	784
1950	5	4,404	1,068	328	607	2,003	141	29	254	424	1,244
1951	5	3,626	1,069	551	123	1,743	201	20	133	354	1,024
1952	5	4,480	1,050	339	579	1,968	393	72	462	928	1,266
1953	5	4,263	1,327	387	299	2,012	434	209	531	1,174	1,204
1954	5	3,402	1,056	319	241	1,616	344	168	409	920	961
1955	5	3,356	1,013	182	353	1,548	432	131	397	959	948
1956	5	5,760	1,754	625	329	2,709	509	282	969	1,759	1,627
1957	5	8,425	2,587	816	679	4,082	2,576	2,651	1,429	6,655	2,380

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1958	5	9,879	3,101	1,217	665	4,983	8,627	1,613	3,705	13,945	2,791
1959	5	5,555	1,213	691	591	2,495	2,551	1,651	3,853	8,055	1,569
1960	5	9,001	2,047	1,166	1,019	4,232	1,914	1,237	2,817	5,968	2,543
2011	14	27,880	3,458	4,739	645	8,842	2,234	3,925	2,075	8,235	7,876
2012	14	18,870	769	3,983	637	5,389	1,213	1,717	1,980	4,909	5,331
2013	14	15,539	1,096	3,051	465	4,613	860	1,801	1,518	4,180	4,390
2014	14	32,261	2,511	6,219	936	9,666	2,573	5,008	3,386	10,967	9,114
2015	14	11,777	636	2,409	377	3,422	825	1,197	1,246	3,268	3,327
2016	14	7,706	220	1,673	272	2,165	471	649	845	1,966	2,177
2017	14	5,503	179	1,183	191	1,554	343	568	638	1,549	1,555
2018	14	8,319	228	1,810	295	2,333	528	803	982	2,314	2,350
2019	14	12,352	557	2,581	410	3,548	864	1,268	1,350	3,482	3,489
2020	14	5,134	127	1,124	184	1,435	299	427	572	1,298	1,450
2021	14	13,135	697	2,692	423	3,812	966	1,483	1,407	3,856	3,711
2022	14	10,445	438	2,198	351	2,987	716	1,155	1,172	3,043	2,951
2023	14	16,758	10,133	9,758	1,194	21,085	24,438	2,126	2,711	29,275	4,734
2024	14	15,840	3,756	5,759	803	10,318	9,162	1,860	2,217	13,240	4,475
2025	14	6,381	413	1,272	196	1,880	412	913	655	1,980	1,803
2026	14	9,901	938	1,826	266	3,030	736	1,800	900	3,435	2,797
2027	14	19,307	2,361	3,298	451	6,110	1,631	3,778	1,531	6,940	5,454
2028	14	8,021	1,741	736	790	3,267	153	1,724	450	2,327	2,266
2029	14	15,800	3,121	1,835	966	5,923	934	3,144	920	4,998	4,463
2030	14	8,709	1,518	1,264	146	2,928	693	4,795	1,053	6,540	2,460
2031	14	7,666	1,337	1,112	129	2,578	608	3,561	790	4,959	2,166
2032	14	3,754	654	545	63	1,262	235	2,183	457	2,875	1,060
2033	14	19,514	3,722	2,433	939	7,094	1,452	5,331	1,414	8,197	5,513
2034	14	8,665	1,732	981	569	3,282	589	1,498	518	2,605	2,448
2035	14	17,067	3,552	1,757	1,389	6,699	483	5,836	1,230	7,548	4,822
2036	14	13,998	2,969	1,372	1,245	5,586	425	3,859	1,110	5,394	3,954
2037	14	27,055	5,410	3,061	1,780	10,251	1,085	9,435	1,963	12,483	7,643
2038	14	15,175	3,539	1,331	1,589	6,460	480	1,188	2,026	3,694	4,287
2039	14	21,623	4,831	2,104	1,947	8,883	550	2,520	1,650	4,721	6,108
2040	14	15,440	3,433	1,519	1,366	6,318	803	1,592	2,100	4,495	4,362
2041	14	5,119	998	640	243	1,881	151	1,837	420	2,408	1,446
2042	14	24,162	5,616	2,139	2,501	10,255	972	2,198	3,707	6,876	6,826
2043	14	11,919	2,511	1,307	847	4,666	816	2,488	2,470	5,774	3,367
2044	14	12,725	2,353	1,716	414	4,483	1,229	2,212	926	4,367	3,595
2045	14	19,383	4,541	1,682	2,059	8,282	636	1,630	2,768	5,035	5,476
2046	14	17,181	3,900	1,612	1,639	7,151	513	1,175	1,799	3,487	4,854
2047	14	4,304	760	615	87	1,462	286	1,108	548	1,942	1,216
2048	14	22,857	5,314	1,987	2,396	9,697	751	2,062	3,268	6,081	6,457
2049	14	35,946	8,310	3,227	3,653	15,189	1,512	3,290	5,413	10,215	10,155
2050	14	3,486	665	486	117	1,268	432	1,350	1,160	2,942	985
2051	14	20,940	4,689	2,027	1,902	8,618	760	2,043	2,883	5,686	5,916
2052	14	14,940	3,425	1,369	1,475	6,269	597	1,508	2,323	4,428	4,221
2053	14	2,527	441	366	43	851	334	1,046	845	2,225	714
2054	14	15,881	3,462	1,630	1,301	6,392	834	1,961	1,995	4,790	4,486
2055	14	9,149	2,044	891	823	3,758	396	1,070	1,229	2,695	2,585
2056	14	2,335	412	334	47	793	380	916	852	2,148	660
2057	14	47,367	9,189	5,968	2,184	17,341	2,646	15,128	3,614	21,388	13,381
2058	14	12,397	1,164	1,621	1,532	4,318	857	2,069	1,465	4,390	3,502
2059	14	11,862	1,244	1,575	1,292	4,111	746	2,351	1,205	4,303	3,351
2060	14	22,870	5,298	2,513	1,247	9,059	2,647	3,502	1,843	7,991	6,461
2061	14	39,050	10,256	3,548	2,928	16,731	5,194	3,434	3,614	12,242	11,032
2062	14	22,704	5,809	2,157	1,600	9,566	2,766	2,664	2,053	7,483	6,414
2063	14	22,564	4,359	2,682	1,425	8,465	2,029	5,289	2,360	9,678	6,374
2064	14	30,526	6,289	3,080	2,895	12,264	2,543	2,746	3,917	9,206	8,624
2065	14	9,363	1,489	159	2,639	4,287	389	188	1,997	2,574	2,645
2066	14	2,375	380	62	626	1,068	108	103	481	692	671
2067	14	15,522	3,783	1,277	1,615	6,676	832	841	2,745	4,419	4,385
2068	14	7,084	1,456	474	1,133	3,062	275	423	1,301	1,999	2,001
2069	14	9,227	1,886	644	1,425	3,955	347	1,012	1,673	3,032	2,607
2070	14	4,625	932	364	643	1,939	168	630	773	1,571	1,306
2071	14	7,599	1,553	530	1,174	3,257	285	809	1,376	2,471	2,147
2072	14	5,406	1,098	394	804	2,296	204	795	962	1,961	1,527
2073	14	3,821	732	416	314	1,461	243	549	490	1,281	1,079
2074	14	26,581	5,517	1,986	3,808	11,311	1,144	2,711	5,277	9,132	7,509
2075	14	6,649	1,691	566	506	2,764	394	1,493	500	2,386	1,878
2076	14	8,311	1,592	1,099	246	2,937	848	1,366	476	2,689	2,348
2077	14	12,848	4,182	409	1,656	6,247	953	1,324	1,121	3,398	3,629
2078	14	6,989	2,008	423	703	3,133	517	1,282	576	2,375	1,974
2079	14	26,074	6,755	1,648	3,101	11,504	1,025	4,650	2,460	8,135	7,366
2080	14	6,436	997	662	800	2,459	847	1,753	413	3,012	1,818
2081	14	6,884	1,065	704	866	2,635	546	1,444	382	2,372	1,945
2082	14	3,121	544	453	52	1,049	350	637	174	1,162	882
2083	14	3,178	456	247	597	1,300	212	294	152	658	898

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2084	14	57	10	8	1	19	2	24	4	30	16
2085	14	3	1	0	0	1	0	1	0	2	1
2086	14	3,944	620	424	442	1,486	372	1,049	238	1,659	1,114
2087	14	6,791	1,134	876	391	2,401	659	1,207	365	2,231	1,918
2088	14	7,959	1,275	909	758	2,942	740	1,805	456	3,001	2,248
2089	14	3,272	499	318	456	1,272	222	527	169	918	924
2090	14	5,659	937	714	368	2,020	682	2,206	394	3,282	1,599
2091	14	6,199	982	684	652	2,318	658	1,523	371	2,552	1,751
2092	14	1,818	279	182	239	700	93	361	96	550	513
2093	14	1,631	267	199	122	589	152	320	89	562	461
2094	14	3,253	512	351	362	1,224	243	591	173	1,007	919
2095	14	10,458	1,823	1,518	175	3,516	1,131	2,258	589	3,978	2,954
2131	8	13,790	1,707	1,308	674	3,689	957	1,211	2,082	4,250	3,896
2132	8	6,844	1,255	962	496	2,713	683	862	1,248	2,793	1,934
2133	8	13,392	1,703	1,304	672	3,679	1,182	1,507	2,273	4,962	3,783
2134	8	5,400	628	483	249	1,359	351	482	793	1,625	1,525
2135	8	12,672	1,337	1,034	534	2,905	888	1,191	1,920	4,000	3,580
2141	8	21,567	395	745	573	1,712	613	3,128	2,238	5,980	6,093
2142	8	54,177	1,061	2,758	2,329	6,149	1,013	6,395	5,895	13,303	15,305
2143	8	4,822	571	1,248	1,007	2,825	1,862	2,115	997	4,974	1,362
2144	8	13,649	2,907	4,950	3,658	11,516	7,857	15,491	3,648	26,996	3,856
2145	8	669	400	483	296	1,179	7,514	1,842	678	10,034	189
2146	8	45,415	797	987	793	2,577	1,124	6,609	4,430	12,163	12,830
2147	8	24,488	431	622	606	1,660	350	1,512	2,291	4,153	6,918
2148	8	5,219	3,014	3,532	2,592	9,138	1,274	7,912	1,293	10,479	1,474
2149	8	12,525	3,777	4,803	4,008	12,588	18,069	11,799	3,408	33,276	3,538
2150	8	9,322	3,609	3,739	3,008	10,356	2,946	8,360	1,852	13,158	2,633
2151	8	24,278	672	718	819	2,209	742	903	2,324	3,969	6,858
2152	8	17,034	599	651	861	2,111	643	1,022	1,760	3,425	4,812
2153	8	2,529	919	952	773	2,645	733	2,027	485	3,246	714
2154	8	26,056	567	592	523	1,682	361	2,144	2,447	4,952	7,361
2155	8	142	76	77	41	194	36	80	20	136	40
2156	8	6,422	2,090	2,189	2,027	6,305	732	4,779	1,297	6,808	1,814
2157	8	8,102	1,883	1,995	2,094	5,972	790	5,894	1,592	8,276	2,289
2158	8	3,660	2,811	2,882	1,986	7,679	364	6,435	951	7,750	1,034
2159	8	12,493	2,235	2,356	2,355	6,946	10,238	8,981	2,557	21,776	3,529
2160	8	10,007	3,419	3,554	2,993	9,966	2,480	11,267	1,960	15,707	2,827
2161	8	4,917	1,717	1,787	1,527	5,031	266	9,098	1,173	10,537	1,389
2162	8	19,225	5,466	5,595	3,755	14,817	9,881	20,024	3,719	33,625	5,431
2163	8	5,827	1,694	1,730	1,119	4,543	1,397	4,731	957	7,085	1,646
2164	8	4,735	1,564	1,602	1,088	4,255	6,681	8,958	1,441	17,079	1,338
2165	8	5,342	1,209	1,543	610	3,363	4,326	4,318	1,126	9,771	1,509
2166	8	15,168	3,752	4,685	1,905	10,342	11,274	8,757	2,914	22,944	4,285
2167	8	8,209	986	1,272	496	2,755	10,336	4,254	1,722	16,312	2,319
2168	8	9,745	3,259	4,066	1,655	8,981	3,127	8,260	1,862	13,249	2,753
2169	8	42,389	1,587	1,949	2,402	5,939	517	5,124	4,434	10,075	11,975
2170	8	24,454	599	677	644	1,921	302	2,763	2,545	5,609	6,908
2171	8	12,429	782	1,023	1,467	3,271	125	1,096	1,344	2,565	3,511
2172	8	11,220	854	1,132	1,671	3,657	199	1,696	1,460	3,354	3,170
2173	8	6,345	806	1,391	1,577	3,774	423	2,916	985	4,323	1,792
2174	8	3,798	214	503	684	1,400	151	426	441	1,019	1,073
2201	6	61,480	12,823	8,100	4,223	25,147	3,756	9,856	481	14,093	17,368
2202	6	25,330	4,667	4,384	1,490	10,541	2,229	6,762	162	9,153	7,156
2203	6	45,455	6,541	8,106	3,668	18,315	3,402	9,062	1,047	13,510	12,841
2204	6	10,605	2,093	1,698	596	4,387	802	2,456	284	3,542	2,996
2205	6	18,487	3,634	2,801	1,148	7,583	982	4,725	520	6,227	5,223
2206	6	38,366	7,079	6,391	2,387	15,857	3,088	8,548	1,100	12,737	10,838
2207	6	36,245	7,783	4,289	2,716	14,787	3,951	3,795	637	8,383	10,239
2208	6	47,617	10,257	5,349	3,737	19,343	4,952	4,170	873	9,996	13,452
2209	6	32,590	7,032	3,558	2,619	13,209	3,415	2,572	625	6,611	9,207
2210	6	12,913	2,449	1,636	1,116	5,201	494	1,540	819	2,853	3,648
2211	6	10,080	1,910	1,263	882	4,055	384	878	649	1,911	2,848
2212	6	13,692	1,829	880	2,658	5,366	2,537	1,678	92	4,307	3,868
2213	6	16,671	2,964	2,370	1,335	6,669	1,427	188	1,110	2,725	4,710
2214	6	6,737	1,207	989	513	2,710	566	489	423	1,477	1,903
2215	6	12,846	2,343	2,018	870	5,231	1,168	2,036	698	3,902	3,629
2216	6	12,527	2,747	1,864	550	5,161	700	1,573	998	3,271	3,539
2217	6	10,217	2,233	1,553	435	4,221	632	1,433	779	2,844	2,886
2218	6	21,133	4,250	3,175	1,236	8,660	1,216	2,205	1,084	4,505	5,970
2219	6	20,465	3,484	2,445	2,193	8,123	602	1,419	1,369	3,390	5,781
2220	6	17,276	2,939	2,055	1,860	6,854	468	1,194	1,161	2,824	4,881
2221	6	36,801	6,133	3,906	4,506	14,546	3,263	2,102	1,354	6,719	10,396
2222	6	9,796	1,630	1,029	1,210	3,869	882	568	364	1,814	2,767
2223	6	21,303	3,539	2,223	2,645	8,406	1,891	1,192	796	3,880	6,018
2224	6	25,788	6,051	681	3,607	10,339	643	756	2,432	3,832	7,285
2225	6	36,630	9,332	5,757	143	15,232	2,310	2,229	1,950	6,488	10,348

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2226	6	12,502	3,171	1,983	51	5,205	810	785	651	2,247	3,532
2227	6	47,933	8,961	6,928	3,734	19,623	4,373	9,801	1,616	15,790	13,541
2228	6	36,861	6,912	4,299	3,518	14,729	1,223	1,691	2,889	5,804	10,413
2229	6	22,513	4,084	2,636	2,265	8,985	1,044	558	1,921	3,523	6,360
2230	6	27,498	249	1,135	8,524	9,908	805	1,839	1,828	4,472	7,768
2231	6	25,309	227	1,043	7,847	9,117	738	1,700	1,683	4,120	7,150
2232	6	19,890	3,532	2,664	1,788	7,983	1,562	1,101	827	3,490	5,619
2233	6	15,841	3,417	2,442	740	6,599	1,400	1,254	793	3,447	4,475
2234	6	77,695	13,197	8,508	9,243	30,948	6,672	6,641	2,892	16,205	21,949
2235	6	64,897	14,130	9,889	8,808	32,827	4,692	6,373	3,755	14,821	18,333
2236	6	27,093	6,441	2,986	1,697	11,124	1,834	2,161	1,304	5,299	7,654
2237	6	30,988	7,443	3,168	2,050	12,661	1,849	2,033	1,633	5,515	8,754
2238	6	28,771	3,358	4,910	3,078	11,346	1,389	2,823	1,277	5,489	8,128
2239	6	37,288	6,280	4,396	4,155	14,831	2,112	1,141	2,821	6,074	10,534
2240	6	20,373	3,429	2,394	2,277	8,100	1,101	758	1,547	3,407	5,756
2241	6	13,652	1,238	2,381	1,772	5,391	1,146	961	832	2,939	3,857
2242	6	6,789	1,415	500	799	2,714	471	156	477	1,104	1,918
2243	6	6,486	1,347	607	672	2,626	496	669	395	1,560	1,832
2244	6	6,056	1,262	446	712	2,421	417	130	425	973	1,711
2245	6	15,762	1,799	2,097	2,218	6,114	445	790	1,301	2,536	4,453
2246	6	12,550	2,193	1,477	1,350	5,020	811	669	919	2,398	3,545
2247	6	19,216	3,352	2,239	2,087	7,678	1,334	756	1,422	3,511	5,429
2248	6	11,364	1,953	1,214	1,333	4,499	593	251	918	1,762	3,210
2249	6	11,530	2,031	1,416	1,187	4,633	933	537	803	2,274	3,257
2250	6	14,448	2,259	1,698	1,812	5,769	1,229	1,753	852	3,834	4,082
2251	6	8,336	1,388	1,173	840	3,400	900	1,393	383	2,676	2,355
2252	6	19,586	14,696	14,883	2,734	32,312	11,223	8,645	419	20,287	5,533
2253	6	14,285	6,476	6,011	1,969	14,456	4,415	2,379	371	7,165	4,035
2254	6	11,404	4,989	4,597	1,565	11,151	3,302	1,811	252	5,366	3,222
2255	6	13,256	2,017	1,962	1,410	5,389	2,400	911	149	3,460	3,745
2256	6	9,876	1,604	1,611	864	4,079	1,498	1,984	88	3,570	2,790
2257	6	11,933	8,342	8,241	1,825	18,407	6,346	4,295	619	11,261	3,371
2258	6	27,624	4,581	8,223	6,341	19,144	4,211	5,188	1,096	10,496	7,804
2259	6	24,439	577	3,343	5,188	9,108	1,870	1,526	973	4,368	6,904
2260	6	15,008	2,580	1,665	1,785	6,029	1,122	1,006	1,110	3,237	4,240
2261	6	16,728	3,588	2,823	590	7,000	2,059	2,235	830	5,124	4,726
2262	6	41,696	7,239	4,501	4,794	16,534	3,484	1,623	2,219	7,327	11,779
2263	6	16,070	6,039	516	327	6,882	1,145	933	843	2,921	4,540
2264	6	18,891	7,210	484	389	8,083	1,260	1,009	1,025	3,294	5,337
2265	6	6,031	2,290	168	124	2,582	407	337	324	1,068	1,704
2266	6	16,922	756	4,068	1,750	6,573	1,696	1,258	824	3,779	4,780
2267	6	29,125	6,175	4,331	1,406	11,913	1,883	821	2,429	5,132	8,228
2268	6	18,184	3,869	2,594	930	7,393	894	222	1,640	2,756	5,137
2269	6	29,316	4,869	4,746	2,117	11,731	1,484	861	2,315	4,660	8,282
2270	6	17,545	2,850	2,677	1,574	7,101	3,280	1,377	143	4,800	4,957
2271	6	13,922	2,031	1,901	1,546	5,478	766	459	1,005	2,230	3,933
2272	6	16,312	2,380	2,228	1,810	6,418	898	540	1,177	2,615	4,608
2273	6	8,102	1,233	1,184	811	3,229	620	423	520	1,564	2,289
2274	6	11,557	2,271	2,224	454	4,948	1,793	5,401	402	7,596	3,265
2275	6	18,972	3,480	2,450	1,777	7,707	803	2,542	150	3,495	5,359
2276	6	3,568	674	553	255	1,482	215	1,214	79	1,508	1,008
2277	6	40,454	13,633	2,701	868	17,203	933	7,142	290	8,365	11,428
2278	6	15,714	4,240	2,280	270	6,790	1,689	3,918	70	5,677	4,439
2279	6	4,492	945	961	60	1,967	791	2,792	62	3,645	1,269
2280	6	6,074	1,622	900	103	2,626	598	2,148	44	2,790	1,716
2281	6	14,725	2,011	1,246	2,448	5,705	86	2,479	218	2,783	4,160
2282	6	13,740	1,896	1,204	2,239	5,338	100	2,300	198	2,598	3,882
2283	6	11,702	3,600	444	814	4,859	118	1,950	172	2,241	3,306
2284	6	15,690	4,838	576	1,098	6,512	133	2,610	233	2,975	4,432
2285	6	14,902	3,338	1,448	1,264	6,050	732	522	1,240	2,495	4,210
2286	6	7,500	1,688	682	663	3,032	283	200	655	1,138	2,119
2287	6	11,367	2,447	1,025	1,111	4,583	94	1,834	217	2,146	3,211
2288	6	7,001	1,508	619	692	2,819	53	1,129	136	1,318	1,978
2289	6	11,420	2,194	1,421	986	4,601	592	784	608	1,984	3,226
2290	6	21,690	5,976	359	2,500	8,836	896	1,196	1,463	3,554	6,127
2291	6	13,838	2,382	1,408	1,683	5,473	609	621	983	2,213	3,909
2292	6	11,239	1,947	1,192	1,323	4,462	505	546	769	1,820	3,175
2293	6	15,640	3,063	2,047	1,193	6,302	336	2,133	408	2,877	4,418
2401	6	31,043	4,299	2,341	5,850	12,491	813	1,192	2,182	4,187	8,770
2402	6	10,245	1,859	1,349	979	4,187	738	2,252	729	3,720	2,894
2403	6	23,666	3,361	4,578	1,767	9,705	1,228	10,114	318	11,661	6,686
2404	6	27,681	2,748	3,394	4,563	10,705	529	1,357	1,917	3,804	7,820
2405	6	12,775	2,028	1,598	1,417	5,043	1,129	1,929	3,663	6,721	3,609
2406	6	16,939	2,925	2,289	2,076	7,290	409	684	1,295	2,388	4,785
2407	6	18,058	4,262	342	3,458	8,062	594	617	1,471	2,683	5,101
2408	6	13,315	3,045	248	2,468	5,762	647	672	1,635	2,954	3,762

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2409	6	21,374	1,972	2,356	3,985	8,312	3,087	3,917	2,955	9,960	6,038
2410	6	21,525	2,516	4,656	1,494	8,666	1,006	1,959	2,270	5,236	6,081
2411	6	26,598	3,344	3,911	3,297	10,552	495	1,489	655	2,639	7,514
2412	6	12,487	1,072	2,266	1,920	5,259	495	1,866	1,003	3,364	3,528
2413	6	10,582	877	1,920	1,683	4,480	1,390	5,680	3,203	10,273	2,989
2414	6	18,964	3,474	3,437	1,203	8,114	1,399	3,132	5,148	9,678	5,357
2415	6	15,567	2,930	2,901	1,009	6,840	2,034	4,633	7,652	14,320	4,398
2416	6	11,910	263	1,907	2,590	4,761	1,461	2,821	1,678	5,960	3,364
2417	6	7,326	185	1,106	1,447	2,738	2,064	4,020	2,400	8,484	2,070
2418	6	14,747	789	1,770	3,328	5,887	611	877	1,267	2,755	4,166
2419	6	7,284	391	892	1,706	2,989	525	745	1,133	2,403	2,058
2420	6	10,882	1,034	1,626	1,487	4,147	350	1,420	715	2,485	3,074
2421	6	10,060	930	1,478	1,384	3,792	240	962	497	1,700	2,842
2422	6	15,246	579	2,780	2,507	5,866	1,010	1,240	645	2,895	4,307
2423	6	18,438	3,783	1,976	1,938	7,697	774	1,408	1,224	3,406	5,209
2424	6	7,969	1,598	837	818	3,253	320	571	499	1,390	2,251
2425	6	20,144	1,903	2,041	3,855	7,799	1,341	1,976	1,498	4,815	5,691
2426	6	8,917	1,443	744	1,339	3,525	984	1,174	917	3,075	2,519
2427	6	3,323	515	239	518	1,272	565	719	666	1,950	939
2428	6	12,144	2,540	809	1,772	5,121	1,986	3,568	2,247	7,802	3,431
2429	6	17,932	3,869	787	3,060	7,715	1,178	2,591	1,607	5,376	5,066
2430	6	12,409	449	593	3,457	4,499	679	718	621	2,017	3,505
2431	6	6,943	265	346	1,908	2,518	682	718	627	2,027	1,962
2432	6	20,596	3,677	591	3,631	7,899	1,018	1,345	2,815	5,178	5,818
2433	6	9,184	282	2,172	1,160	3,614	3,841	5,262	8,510	17,613	2,595
2434	6	3,949	132	898	470	1,499	772	1,056	1,685	3,513	1,116
2435	6	6,347	429	941	1,124	2,494	3,210	3,282	3,840	10,332	1,793
2436	6	25,800	5,495	1,359	3,647	10,501	4,550	2,815	3,124	10,489	7,289
2437	6	16,923	3,247	1,102	2,725	7,074	869	1,764	2,413	5,046	4,781
2438	6	9,326	1,761	641	1,433	3,836	626	1,148	1,520	3,295	2,635
2501	6	7,275	894	1,021	731	2,646	239	634	59	931	2,055
2502	6	5,694	679	776	564	2,019	182	498	47	728	1,609
2503	6	11,762	1,023	1,687	1,568	4,278	308	850	332	1,491	3,323
2504	6	141	9	29	18	56	3	45	12	61	40
2505	6	11,696	2,199	1,970	705	4,874	1,455	4,293	66	5,814	3,304
2506	6	29,216	5,788	5,791	1,093	12,672	8,506	27,152	752	36,410	8,254
2507	6	17,320	3,471	3,635	453	7,559	6,652	22,757	707	30,116	4,893
2508	6	15,459	2,165	1,897	2,441	6,503	1,413	2,313	1,002	4,727	4,367
2509	6	6,323	998	996	548	2,541	893	2,542	394	3,829	1,786
2510	6	9,832	1,544	1,232	1,145	3,920	1,081	1,301	362	2,745	2,778
2511	6	8,619	1,354	1,046	1,080	3,479	1,108	1,402	454	2,963	2,435
2512	6	10,224	1,528	1,169	1,245	3,941	790	967	315	2,072	2,888
2513	6	25,234	3,860	3,084	2,853	9,797	2,697	3,097	891	6,685	7,129
2514	6	10,725	1,907	2,063	276	4,246	2,750	3,213	1,213	7,176	3,030
2515	6	10,870	2,115	2,298	262	4,675	2,695	4,113	1,015	7,823	3,071
2516	6	6,913	464	1,251	795	2,510	447	2,853	104	3,405	1,953
2517	6	5,191	710	1,071	344	2,125	941	3,307	108	4,357	1,466
2518	6	4,764	647	983	321	1,950	671	3,782	121	4,574	1,346
2519	6	5,445	633	1,072	429	2,134	533	3,283	86	3,903	1,538
2520	6	13,696	951	2,302	1,541	4,794	174	974	138	1,287	3,869
2521	6	14,333	1,005	2,370	1,554	4,929	371	2,267	314	2,952	4,049
2522	6	21,456	1,839	3,315	2,601	7,755	394	1,345	408	2,147	6,061
2523	6	18,281	1,525	2,747	2,155	6,427	492	1,619	521	2,631	5,164
2524	6	15,757	1,293	2,831	1,815	5,939	1,267	1,471	147	2,885	4,451
2525	6	9,015	616	1,666	1,255	3,537	930	1,345	195	2,470	2,547
2526	6	5,649	590	1,265	414	2,269	1,002	1,171	127	2,300	1,596
2527	6	26,601	1,112	5,718	2,819	9,650	1,777	2,585	326	4,688	7,515
2528	6	15,570	1,611	2,512	1,952	6,074	150	1,454	170	1,774	4,398
2529	6	24,300	2,577	3,909	2,850	9,335	549	2,648	280	3,477	6,865
2530	6	15,261	120	3,343	1,964	5,427	4,133	787	116	5,036	4,311
2531	6	8,688	347	2,466	498	3,312	621	904	13	1,538	2,454
2601	6	12,471	2,007	1,024	1,862	4,893	1,415	1,233	509	3,156	3,523
2602	6	11,736	1,953	1,181	1,542	4,676	1,502	1,346	416	3,264	3,316
2603	6	10,135	1,729	1,163	1,193	4,085	1,408	1,279	318	3,005	2,863
2604	6	15,088	2,437	1,270	2,223	5,930	1,727	1,321	606	3,654	4,262
2605	6	22,882	3,660	1,804	3,488	8,952	2,530	2,042	955	5,527	6,464
2606	6	9,663	2,234	635	1,026	3,895	608	523	878	2,009	2,730
2607	6	16,948	3,789	1,829	1,374	6,993	1,852	1,658	1,127	4,637	4,788
2608	6	13,412	3,078	1,003	1,351	5,432	929	762	1,148	2,839	3,789
2609	6	11,256	1,529	819	2,054	4,402	758	1,222	793	2,774	3,180
2610	6	7,717	1,005	466	1,516	2,987	481	929	589	1,999	2,180
2611	6	8,875	1,127	471	1,817	3,415	525	816	708	2,049	2,507
2612	6	3,361	438	203	661	1,301	216	442	257	915	950
2613	6	8,472	1,598	1,105	717	3,421	532	1,550	234	2,316	2,393
2614	6	5,325	993	617	511	2,121	174	882	168	1,224	1,504
2615	6	14,785	2,759	1,730	1,406	5,895	490	2,549	460	3,499	4,177

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2616	6	7,117	1,341	921	608	2,871	421	1,313	196	1,930	2,011
2617	6	35,901	6,740	2,402	5,021	14,162	990	5,329	1,740	8,059	10,142
2618	6	14,890	2,802	1,062	2,029	5,893	483	2,289	697	3,469	4,206
2619	6	2,706	508	177	382	1,067	68	391	132	590	764
2620	6	39,169	8,984	6,558	802	16,345	2,063	14,478	1,970	18,511	11,065
2701	10	15,208	2,050	3,291	1,197	6,538	1,088	2,717	2,433	6,238	4,296
2702	10	9,026	1,218	1,953	709	3,880	645	1,611	1,440	3,697	2,550
2703	10	14,234	507	3,372	1,660	5,539	451	6,478	858	7,786	4,021
2704	10	12,655	380	3,011	1,525	4,915	307	4,236	591	5,134	3,575
2705	10	27,851	1,806	2,564	5,998	10,367	1,089	12,091	1,065	14,244	7,868
2706	10	21,572	718	1,404	5,712	7,834	615	7,755	916	9,286	6,094
2707	10	37,430	5,087	10,063	1,061	16,210	1,569	9,224	6,674	17,467	10,574
2708	10	32,689	4,162	9,059	1,033	14,253	838	6,070	5,008	11,915	9,235
2709	10	21,996	231	7,330	1,225	8,787	1,339	7,013	873	9,224	6,214
2710	10	7,284	115	2,402	395	2,912	455	2,261	274	2,991	2,058
2711	10	12,221	107	4,087	687	4,881	741	3,897	487	5,125	3,452
2712	10	27,344	4,318	5,443	1,933	11,694	2,211	5,520	3,127	10,858	7,725
2713	10	15,785	2,542	3,152	1,038	6,732	1,267	2,944	1,595	5,806	4,459
2714	10	10,634	1,568	2,095	929	4,592	717	2,172	1,485	4,374	3,004
2715	10	7,331	1,417	1,501	382	3,300	210	2,285	596	3,090	2,071
2716	10	11,806	2,289	2,419	568	5,276	441	3,680	879	5,000	3,335
2717	10	18,932	390	5,094	1,885	7,369	559	6,416	1,092	8,067	5,348
2718	10	12,924	88	3,538	1,382	5,008	282	4,381	803	5,466	3,651
2719	10	10,328	71	2,828	1,104	4,003	228	3,519	642	4,388	2,918
2720	10	8,128	58	2,222	870	3,151	109	2,893	451	3,452	2,296
2721	10	9,971	56	2,732	1,076	3,863	130	3,579	557	4,267	2,817
2722	10	6,176	98	1,670	632	2,400	125	2,151	327	2,603	1,745
2723	10	15,463	4,028	1,396	1,684	7,108	106	6,139	409	6,653	4,368
2724	10	20,294	187	4,519	3,005	7,711	1,435	4,740	2,267	8,442	5,733
2725	10	10,538	2,385	1,365	1,021	4,771	762	2,413	1,191	4,366	2,977
2726	10	8,339	1,888	1,078	810	3,776	602	1,911	945	3,458	2,356
2727	10	3,916	886	508	378	1,772	282	899	442	1,623	1,106
2728	10	5,250	1,189	679	510	2,378	379	1,202	595	2,176	1,483
2729	10	11,740	1,445	1,780	1,593	4,817	1,387	2,311	1,066	4,765	3,317
2730	10	5,231	603	764	779	2,146	661	936	523	2,120	1,478
2731	10	7,848	905	1,146	1,170	3,220	992	1,408	785	3,184	2,217
2732	10	4,036	466	590	601	1,656	510	725	403	1,638	1,140
2733	10	2,754	317	402	410	1,130	348	494	275	1,117	778
2734	10	10,659	545	2,300	1,350	4,196	122	2,771	1,237	4,130	3,011
2735	10	9,696	426	2,097	1,286	3,809	105	2,725	1,288	4,118	2,739
2736	10	9,076	105	2,204	1,178	3,487	521	2,853	381	3,755	2,564
2737	10	10,225	81	2,490	1,351	3,923	531	2,965	395	3,891	2,889
2738	10	9,266	101	2,251	1,206	3,559	484	2,663	355	3,503	2,618
2739	10	15,100	182	3,665	1,954	5,802	871	4,791	636	6,298	4,266
2740	10	8,715	102	2,116	1,130	3,348	423	2,327	307	3,057	2,462
2741	10	17,866	1,082	5,066	1,214	7,362	597	4,547	2,307	7,450	5,047
2742	10	14,763	916	4,174	993	6,083	503	3,775	1,911	6,189	4,171
2743	10	12,933	785	3,666	878	5,328	438	3,336	1,691	5,465	3,654
2744	10	15,565	1,420	2,549	2,310	6,279	463	4,341	1,753	6,558	4,397
2745	10	6,907	646	1,137	1,004	2,787	218	1,909	762	2,889	1,951
2746	10	11,675	1,072	1,914	1,723	4,710	349	3,237	1,308	4,895	3,298
2747	10	13,004	2,525	1,700	1,481	5,706	413	3,497	1,582	5,492	3,674
2748	10	14,243	365	4,566	826	5,757	128	5,544	493	6,164	4,024
2749	10	5,811	644	1,544	293	2,481	136	2,077	249	2,463	1,642
2750	10	9,454	1,133	2,457	432	4,021	313	3,362	365	4,040	2,671
2751	10	6,089	712	1,594	287	2,593	178	2,168	243	2,589	1,720
2752	10	10,306	1,262	2,050	1,028	4,339	340	2,764	1,194	4,298	2,912
2753	10	11,589	1,562	2,320	978	4,861	546	3,067	1,128	4,741	3,274
2754	10	7,781	937	1,546	795	3,278	233	2,114	925	3,272	2,198
2755	10	8,442	2,133	1,472	373	3,978	426	2,229	867	3,523	2,385
2756	10	11,094	2,799	1,937	488	5,224	559	2,965	1,132	4,656	3,134
2757	10	8,202	2,072	1,430	363	3,865	414	2,177	843	3,434	2,317
2758	10	9,603	2,114	253	1,751	4,117	263	3,249	658	4,170	2,713
2759	10	8,204	1,819	91	1,618	3,528	189	2,687	610	3,486	2,318
2760	10	11,302	2,438	1,855	804	5,096	594	2,192	1,890	4,676	3,193
2761	10	7,751	1,664	1,292	520	3,476	467	1,454	1,217	3,139	2,190
2762	10	5,034	149	1,308	531	1,988	100	707	1,285	2,092	1,422
2763	10	7,165	207	1,863	759	2,829	141	1,008	1,838	2,987	2,024
2764	10	9,912	286	2,578	1,050	3,913	194	1,394	2,542	4,131	2,800
2765	10	2,465	73	640	260	973	49	348	630	1,027	696
2766	10	2,815	82	732	298	1,112	55	395	721	1,172	795
2767	10	1,268	40	328	132	501	25	179	320	524	358
2768	10	6,395	872	1,070	712	2,654	417	1,391	867	2,675	1,807
2769	10	5,206	632	822	706	2,160	272	1,023	868	2,164	1,471
2770	10	4,912	627	795	615	2,037	251	1,058	754	2,064	1,388
2771	10	7,514	969	1,221	925	3,115	431	1,611	1,134	3,176	2,123

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2772	10	15,082	970	2,508	2,444	5,922	555	4,086	1,691	6,332	4,261
2773	10	11,148	720	1,855	1,803	4,378	411	3,022	1,247	4,680	3,149
2774	10	12,640	1,859	2,030	1,454	5,344	348	4,007	942	5,297	3,571
2851	19	3,837	351	388	298	1,036	293	1,219	596	2,109	1,084
2852	19	3,227	313	344	275	931	268	198	543	1,009	912
2853	19	9,547	1,512	611	669	2,792	759	515	1,814	3,089	2,697
2854	19	10,164	1,417	620	602	2,639	704	3,168	1,655	5,526	2,871
2855	19	5,043	310	198	703	1,211	334	445	866	1,646	1,425
2861	9	11,834	2,256	1,568	350	4,174	1,329	594	2,999	4,923	3,343
2862	9	9,625	1,824	1,286	283	3,393	1,104	480	2,426	4,011	2,719
2863	9	3,259	595	457	92	1,144	421	157	794	1,372	921
2864	9	8,257	1,560	1,108	242	2,911	931	411	2,075	3,416	2,333
2865	9	10,968	2,085	1,459	324	3,868	1,251	549	2,773	4,573	3,099
2871	18	5,596	731	1,090	1,095	2,916	759	3,062	579	4,400	1,581
2872	18	4,711	568	417	849	1,834	347	741	167	1,255	1,331
2873	18	2,144	451	311	386	1,148	596	1,502	285	2,383	606
2874	18	6,891	925	1,365	1,220	3,509	638	2,812	264	3,714	1,947
2875	18	6,752	538	1,105	1,196	2,839	689	1,979	290	2,957	1,908
2876	18	5,103	412	838	904	2,154	310	1,093	130	1,533	1,442
2877	18	9,389	2,140	1,493	740	4,373	766	2,174	515	3,456	2,653
2878	18	7,784	880	791	1,315	2,986	414	867	356	1,636	2,199
2879	18	10,288	1,236	1,092	1,738	4,066	548	1,170	470	2,188	2,906
2880	18	12,398	1,587	1,378	2,094	5,059	751	1,798	640	3,190	3,502
2891	18	4,430	685	360	829	1,873	251	506	559	1,316	1,251
2892	18	2,888	763	385	334	1,482	270	344	386	1,000	816
2893	18	6,458	1,090	524	1,031	2,645	1,736	963	240	2,939	1,824
2894	18	5,416	777	352	865	1,995	1,446	729	202	2,377	1,530
2895	18	3,663	210	141	997	1,348	358	356	411	1,124	1,035
2896	18	7,768	272	190	2,113	2,575	748	702	871	2,321	2,194
2901	18	1,713	74	56	502	633	2	314	535	851	484
2902	18	1,168	56	42	343	441	2	214	365	580	330
2911	12	9,707	2,444	441	745	3,629	796	1,163	1,092	3,051	2,742
2912	12	5,112	1,251	197	387	1,835	414	572	569	1,555	1,444
2913	12	7,438	975	819	466	2,260	82	1,607	1,121	2,810	2,101
2914	12	6,988	1,466	891	506	2,864	248	1,063	680	1,992	1,974
2915	9	10,293	1,458	1,367	895	3,721	1,581	1,032	575	3,187	2,908
2916	9	11,866	1,755	1,412	1,078	4,245	1,508	1,212	665	3,384	3,352
2917	9	9,837	1,666	1,330	1,023	4,019	1,198	1,155	610	2,963	2,779
2918	9	5,645	938	985	576	2,499	1,217	3,907	414	5,539	1,595
2919	9	9,299	1,433	1,334	880	3,647	1,575	2,786	630	4,992	2,627
2920	9	15,320	2,446	1,942	1,501	5,889	1,930	1,621	974	4,526	4,328
2921	9	8,545	1,368	1,115	840	3,323	1,007	1,075	546	2,628	2,414
2922	12	12,601	83	285	2,946	3,314	386	1,582	2,354	4,323	3,560
2923	12	3,150	31	83	651	765	85	416	544	1,045	890
2924	12	5,923	47	156	1,548	1,751	203	850	1,201	2,254	1,673
2925	12	3,341	40	93	578	711	76	533	523	1,132	944
2926	12	42,691	10,437	4,954	3,525	18,916	1,349	6,035	6,129	13,514	12,060
2927	12	20,945	3,765	1,980	1,213	6,958	464	14,310	3,247	18,021	5,917
2928	12	11,600	953	1,664	1,326	3,943	162	465	2,127	2,754	3,277
2929	12	6,495	1,381	803	583	2,767	148	1,159	797	2,104	1,835
2930	13	12,450	1,784	736	653	3,173	10,222	1,969	3,052	15,242	3,517
2931	12	24,428	3,973	2,971	1,399	8,343	18,598	3,499	3,582	25,680	6,901
2932	12	18,557	3,637	2,252	1,478	7,367	366	3,736	2,162	6,264	5,242
2933	13	3,253	516	67	60	643	5,012	1,466	1,305	7,784	919
2934	12	2,544	536	327	220	1,084	56	583	315	954	719
2935	13	6,168	786	532	1,083	2,402	399	4,218	1,959	6,576	1,743
2936	12	7,466	362	766	1,103	2,231	199	1,337	999	2,535	2,109
2937	12	20,430	981	2,079	3,006	6,066	568	3,758	2,801	7,127	5,771
2938	12	3,989	216	444	578	1,238	147	927	654	1,729	1,127
2939	12	6,879	257	1,016	821	2,095	152	662	1,125	1,939	1,943
2940	12	8,344	380	1,289	928	2,597	193	1,815	1,471	3,479	2,357
2941	9	6,038	984	720	62	1,766	363	328	430	1,122	1,706
2942	9	14,912	2,835	2,123	1,740	6,698	1,814	1,800	1,207	4,822	4,213
2943	13	23,146	3,719	2,834	2,385	8,938	1,870	2,412	4,455	8,737	6,539
2944	13	21,125	3,254	2,487	2,093	7,833	3,114	2,015	5,102	10,231	5,968
2945	13	385	253	60	51	363	357	554	371	1,283	109
2946	12	8,498	1,410	1,257	770	3,437	157	1,526	1,086	2,769	2,401
2947	12	5,764	658	640	317	1,615	75	5,608	932	6,615	1,628
2948	12	19,099	2,326	2,117	1,235	5,678	293	13,174	2,880	16,346	5,396
2949	12	4,115	629	532	367	1,528	70	772	798	1,639	1,162
2991	10	10,944	1,369	2,268	855	4,492	1,744	5,871	1,588	9,203	3,092
2992	10	15,503	2,047	3,327	1,217	6,591	1,788	6,286	1,614	9,688	4,380
2993	10	20,114	2,861	5,163	2,201	10,226	2,624	10,972	2,942	16,539	5,682
2994	10	15,224	2,581	3,050	417	6,047	2,056	4,541	499	7,096	4,301
2995	10	22,619	3,104	4,772	1,579	9,455	2,356	6,726	1,652	10,735	6,390
2996	10	6,332	530	1,147	594	2,271	730	2,596	801	4,126	1,789

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2997	10	25,845	3,066	5,144	1,979	10,189	2,842	8,901	2,313	14,056	7,301
2998	10	18,741	2,140	4,391	1,757	8,288	1,661	9,859	1,468	12,988	5,294
2999	10	29,370	3,049	7,738	3,672	14,459	2,855	15,774	2,870	21,498	8,297
3000	10	13,543	1,685	2,927	964	5,576	1,151	7,399	842	9,392	3,826
3001	10	1,082	162	209	36	407	98	371	25	495	306
3002	10	4,770	528	911	298	1,737	361	2,133	247	2,741	1,347
3003	10	43,053	4,566	10,814	4,888	20,268	4,894	28,770	4,914	38,579	12,162
3004	10	22,515	2,312	5,509	2,501	10,322	2,190	12,744	2,186	17,120	6,361
3005	10	3,160	464	669	187	1,319	340	1,435	410	2,185	893
3006	10	9,754	1,701	2,057	312	4,071	1,309	4,260	1,438	7,007	2,756
3007	10	11,776	1,888	2,521	572	4,981	1,032	3,884	985	5,902	3,327
3008	10	11,075	1,604	2,279	615	4,498	1,035	4,495	1,420	6,949	3,129
3009	10	11,133	1,803	2,288	432	4,523	1,143	3,821	1,010	5,974	3,145
3010	10	515	88	104	14	206	26	362	28	416	146
3011	10	7,844	1,252	1,686	393	3,330	595	2,367	782	3,745	2,216
3012	10	6,837	1,121	1,637	472	3,231	492	2,549	869	3,911	1,932
3013	10	8,971	1,324	1,698	335	3,358	793	2,719	710	4,222	2,534
3014	10	6,554	1,036	1,305	239	2,580	378	1,920	450	2,748	1,851
3015	10	3,234	510	708	180	1,398	310	1,357	391	2,058	914
3016	10	2,696	539	559	11	1,108	324	1,053	6	1,383	762
3017	10	3,504	538	698	144	1,380	213	1,030	289	1,532	990
3018	10	1,533	285	312	21	619	313	930	36	1,279	433
3019	10	2,909	462	689	208	1,359	246	1,368	457	2,071	822
3020	10	2,762	419	566	133	1,117	305	1,203	287	1,796	780
3021	10	1,260	166	239	67	473	96	441	146	683	356
3022	10	31,630	4,203	6,030	1,668	11,901	2,512	11,388	3,635	17,535	8,935
3023	10	10,666	1,864	2,135	229	4,229	1,005	2,594	377	3,975	3,013
3024	10	16,781	2,646	3,824	1,076	7,546	1,243	5,854	1,741	8,838	4,741
3025	10	28,595	4,423	6,133	1,554	12,110	2,755	13,516	3,937	20,208	8,078
3026	10	16,543	1,771	1,730	2,691	6,193	1,023	7,677	1,422	10,122	4,674
3027	10	9,084	1,194	1,202	937	3,333	473	5,144	514	6,132	2,566
3071	6	58,104	2,340	10,131	9,307	21,778	6,856	10,960	325	18,141	16,414
3072	6	14,763	1,013	2,548	1,802	5,364	1,449	4,333	62	5,844	4,171
3073	6	6,391	741	1,287	618	2,646	614	3,911	21	4,546	1,805
3074	6	6,560	279	1,303	1,224	2,806	868	1,048	43	1,959	1,853
3075	6	8,255	1,344	1,445	726	3,516	1,818	1,218	9	3,045	2,332
3076	6	8,092	1,369	1,479	600	3,448	1,257	3,148	7	4,412	2,286
3077	6	13,760	2,289	2,456	1,340	6,085	3,304	1,946	16	5,266	3,887
3078	6	21,720	3,670	3,966	1,601	9,237	5,189	3,071	18	8,278	6,136
3079	6	5,591	813	862	663	2,338	925	1,025	8	1,958	1,579
3080	6	940	636	691	209	1,536	153	1,767	2	1,922	266
3081	6	10,258	1,724	1,859	831	4,414	1,715	2,634	10	4,358	2,898
3082	6	10,513	1,901	2,077	403	4,381	2,950	2,737	4	5,691	2,970
3083	6	3,162	541	584	246	1,371	1,188	1,321	3	2,512	893
3084	6	10,595	1,831	1,994	518	4,343	3,077	2,690	5	5,773	2,993
3085	6	13,498	2,832	2,632	556	6,020	3,711	3,535	171	7,417	3,813
3101	15	15,050	1,260	1,097	498	2,856	7,470	19,207	2,107	28,785	4,252
3102	15	10,384	2,576	1,684	1,018	5,278	4,162	2,049	1,298	7,509	2,934
3103	15	4,569	580	379	229	1,187	634	2,919	527	4,080	1,291
3104	15	910	228	144	90	463	103	176	106	385	257
3105	15	5,694	1,127	757	446	2,330	2,814	635	641	4,090	1,609
3106	15	17,863	2,282	1,569	902	4,753	5,384	13,151	2,129	20,663	5,046
3107	15	5,447	1,394	874	551	2,820	1,113	649	596	2,358	1,539
3108	15	7,715	281	1,083	1,311	2,676	10,997	1,436	1,432	13,865	2,179
3109	15	1,057	40	159	184	382	860	213	185	1,257	299
3121	9	2,383	430	311	67	808	215	72	377	664	673
3122	17	1,31,424	10,586	29,787	12,781	53,155	2,339	37,895	17,540	57,774	37,127
3123	16	44,836	3,871	7,381	4,876	16,128	2,320	32,801	24,071	59,192	12,666
3124	17	86,691	7,763	5,466	18,925	32,153	3,514	23,843	8,967	36,325	24,490
3125	17	73,319	10,510	5,227	3,413	19,150	2,427	23,426	8,639	34,492	20,713
3126	18	16,847	889	3,545	2,857	7,291	4,453	4,897	125	9,474	4,759
3127	18	23,837	1,917	3,350	3,945	9,212	152	843	4,038	5,032	6,734
3128	18	25,483	3,146	4,166	4,016	11,327	1,469	4,365	2,912	8,745	7,199
3129	18	22,199	2,291	3,273	3,366	8,930	1,211	2,987	2,457	6,655	6,271
3130	18	166	126	81	39	247	18	88	11	118	47
3131	18	-	248	157	-	405	68	1,247	-	1,315	-
3132	18	35,833	6,619	6,336	2,772	15,727	5,178	7,702	1,924	14,804	10,123
3133	18	-	28	17	-	45	2	29	-	31	-
3134	19	1,40,534	21,013	19,213	17,037	57,263	12,677	18,919	21,815	53,411	39,701
3135	18	6,689	1,407	1,027	456	2,890	267	6,267	194	6,728	1,890
3136	18	6,581	1,019	919	911	2,850	373	1,151	703	2,227	1,859
3137	18	84,951	6,673	6,212	6,600	19,485	12,052	702	8,712	21,466	23,999

Annexure 7-4

Planning parameters for 2041: MMR Area (DRAFT RP Scenario)

ANNEXURE 7-4: PLANNING PARAMETERS FOR 2041: MMR AREA (DRAFT RP SCENARIO)

Table 1: Planning Parameters 2041 (Draft RP Scenario)

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1	1	804	299	13	210	522	433	52	320	806	227
2	1	5,399	1,790	233	1,269	3,292	5,437	283	1,072	6,792	1,525
3	1	13,692	5,153	535	2,821	8,509	3,591	192	1,809	5,593	3,868
4	1	16,292	6,131	637	3,357	10,125	5,776	245	2,307	8,329	4,603
5	1	12,361	4,652	483	2,547	7,682	4,028	220	2,067	6,315	3,492
6	1	4,051	2,018	313	212	2,544	8,615	780	5,951	15,345	1,144
7	1	3,139	1,230	140	674	2,043	4,864	760	2,198	7,822	887
8	1	1,544	507	31	497	1,035	2,126	196	6,455	8,777	436
9	1	9,137	2,980	182	2,918	6,081	10,079	2,307	12,043	24,429	2,581
10	1	2,141	769	107	498	1,374	43,983	2,417	6,821	53,221	605
11	1	1,609	578	81	374	1,032	36,337	1,916	5,407	43,660	455
12	1	15,164	3,219	449	1,808	5,477	55,850	1,518	5,671	63,040	4,284
13	1	3,397	1,222	178	652	2,052	14,221	2,029	5,419	21,669	960
14	1	1,031	304	93	168	566	5,065	832	3,118	9,015	291
15	1	1,987	378	57	231	666	17,422	1,449	8,056	26,927	561
16	1	4,124	1,738	209	562	2,509	5,880	3,086	4,312	13,279	1,165
17	1	2,764	1,212	57	520	1,789	16,804	751	9,590	27,145	781
18	1	1,27,906	670	71	749	1,490	90,468	1,749	10,657	1,02,874	36,133
19	1	38,932	294	245	878	1,417	35,146	5,852	8,031	49,029	10,998
20	1	4,060	1,360	97	755	2,212	12,852	3,010	4,170	20,031	1,147
21	1	4,554	799	161	1,347	2,308	4,519	1,504	4,583	10,606	1,287
22	1	1,884	884	41	145	1,070	1,831	734	2,477	5,043	532
23	1	2,919	114	255	997	1,365	6,810	3,094	3,486	13,389	825
24	1	5,017	898	73	1,921	2,892	21,677	3,137	4,422	29,235	1,417
25	1	10,034	2,915	468	1,747	5,129	5,247	2,414	1,889	9,550	2,835
26	1	4,480	1,064	53	1,185	2,302	3,221	25	1,120	4,366	1,266
27	1	5,046	2,185	74	469	2,728	4,169	21	1,093	5,283	1,426
28	1	7,055	2,307	34	1,440	3,781	3,658	589	1,669	5,917	1,993
29	1	5,764	667	43	2,173	2,883	5,007	288	328	5,623	1,628
30	1	33,145	226	103	695	1,024	14,409	62	1,201	15,672	9,363
31	1	5,729	2,379	312	766	3,458	2,702	73	1,640	4,415	1,618
32	1	2,348	809	164	375	1,348	872	138	734	1,743	663
33	1	2,402	251	148	910	1,310	4,692	128	1,624	6,444	679
34	1	4,319	1,005	357	728	2,090	4,651	241	1,579	6,471	1,220
35	1	2,507	481	193	539	1,214	2,968	198	1,388	4,555	708
36	1	6,043	1,026	338	1,695	3,059	5,506	841	2,734	9,081	1,707
37	1	3,565	1,375	-	775	2,150	3,289	-	5,346	8,635	1,007
38	1	2,104	433	14	747	1,194	1,978	-	3,181	5,159	594
39	1	6,116	915	129	2,267	3,311	2,711	-	8,264	10,975	1,728
40	1	2,455	157	93	923	1,174	4,249	250	9,345	13,844	694
41	1	3,266	852	136	657	1,645	4,360	1,288	7,653	13,301	923
42	1	4,338	1,026	135	1,062	2,224	2,042	324	12,204	14,569	1,225
43	1	2,891	205	156	967	1,329	1,736	406	9,406	11,548	817
44	1	3,142	554	113	897	1,564	5,707	230	5,502	11,439	888
45	1	2,028	968	98	879	1,945	18,443	255	21,442	40,140	573
46	1	2,172	1,041	-	1,169	2,210	16,043	3,008	21,768	40,819	614
47	1	910	344	109	328	781	10,714	1,757	2,834	15,304	257
48	1	1,489	518	100	745	1,364	32,371	493	4,731	37,595	421
49	1	2,083	467	190	546	1,203	5,388	450	3,271	9,109	589
50	1	1,647	395	98	524	1,017	4,321	287	2,103	6,711	465
51	1	1,507	628	89	255	972	2,410	205	1,791	4,406	426
52	1	1,593	470	79	467	1,016	4,122	228	4,408	8,757	450
53	1	3,327	1,621	84	614	2,319	10,444	353	7,383	18,181	940
54	1	3,407	1,251	178	777	2,206	6,477	680	3,959	11,116	962
55	1	5,167	1,784	262	1,298	3,344	7,672	125	3,485	11,282	1,460
56	1	5,534	767	231	2,462	3,461	6,911	224	2,327	9,462	1,563
57	1	5,673	2,270	264	1,209	3,743	5,152	925	5,211	11,288	1,603
58	1	958	308	41	141	490	1,832	478	1,473	3,783	271
59	1	8,415	3,340	394	1,623	5,358	12,161	395	6,490	19,047	2,377
60	1	6,523	2,143	189	1,892	4,225	9,693	370	2,180	12,244	1,843
61	1	2,396	718	135	610	1,463	2,341	324	1,684	4,349	677
62	1	2,602	853	118	664	1,635	2,099	249	2,347	4,695	735
63	1	1,676	573	93	370	1,036	1,246	74	1,519	2,838	473
64	1	3,489	1,258	41	1,050	2,349	2,547	99	3,260	5,906	986
65	1	3,213	586	82	1,353	2,022	3,593	159	2,211	5,963	908
66	1	4,640	1,475	220	870	2,565	3,151	1,480	2,968	7,598	1,311
67	1	3,675	1,355	267	327	1,950	4,508	222	1,332	6,062	1,038
68	1	2,626	664	62	776	1,502	2,879	67	904	3,850	742
69	1	1,981	428	60	617	1,105	846	44	1,509	2,399	560
70	1	1,693	386	57	498	941	664	22	1,031	1,718	478
71	1	2,414	521	74	751	1,346	562	50	4,302	4,914	682
72	1	4,792	1,690	78	1,086	2,854	2,080	204	4,548	6,833	1,354
73	1	2,556	902	136	371	1,410	1,247	48	1,486	2,781	722
74	1	4,591	442	416	1,287	2,145	2,580	340	2,118	5,037	1,297
75	1	3,753	1,971	100	428	2,499	9,515	1,038	2,155	12,708	1,060
76	1	1,982	991	93	180	1,264	1,823	104	578	2,504	560
77	1	645	234	14	169	417	869	6	250	1,125	182
78	1	4,788	1,957	375	473	2,805	4,997	68	863	5,929	1,353
79	1	516	325	10	21	357	216	48	340	604	146
80	1	5,184	1,411	93	1,799	3,303	5,815	37	1,275	7,128	1,464
81	1	905	411	43	197	651	3,713	190	4,825	8,728	256
82	1	4,448	607	157	1,981	2,745	8,270	987	10,987	20,244	1,257
83	1	2,142	291	167	844	1,302	8,169	1,268	1,636	11,074	605
84	1	3,567	2,501	117	148	2,765	13,677	2,288	3,934	19,899	1,008
85	1	4,352	2,819	44	444	3,307	1,560	237	1,599	3,396	1,229
86	1	5,324	2,092	89	1,613	3,794	832	143	1,896	2,870	1,504
87	1	3,305	2,482	21	76	2,578	255	39	1,260	1,554	934
88	1	6,607	2,463	168	1,988	4,619	1,360	244	1,269	2,873	1,866
89	1	7,255	5,479	101	19	5,599	2,457	434	2,620	5,511	2,050
90	1	7,155	5,318	105	48	5,471	2,009	67	1,625	3,702	2,021
91	1	3,233	1,643	217	148	2,008	3,237	97	1,141	4,475	913
92	1	4,138	1,520	224	786	2,530	2,029	516	2,622	5,167	1,169
93	1	2,946	1,111	117	678	1,906	2,351	177	1,338	3,867	832
94	1	3,978	1,845	145	652	2,642	7,010	62	3,117	10,189	1,124
95	1	2,773	1,370	49	497	1,916	1,729	33	1,220	2,982	783
96	1	24,691	11,344	443	5,138	16,924	17,843	1,137	10,585	29,566	6,975
97	1	7,152	2,207	382	1,842	4,432	3,410	1,077	2,577	7,064	2,020
98	1	13,765	7,917	284	1,435	9,635	8,713	376	8,070	17,160	3,889
99	1	4,102	1,059	239	921	2,219	1,547	502	1,247	3,296	1,159
100	1	2,830	735	166	639	1,541	3,687	209	565	4,460	800
101	1	2,660	553	104	824	1,480	10,713	2,167	4,087	16,967	751
102	1	3,237	909	265	495	1,670	165	8	9	182	914
103	1	11,487	3,479	376	2,791	6,646	7,807	290	2,075	10,172	3,245
104	1	15,247	7,090	833	877	8,799	4,679	817	3,407	8,902	4,307
105	1	7,506	522	773	2,146	3,441	11,109	525	2,636	14,270	2,121
106	1	9,654	2,317	656	2,249	5,222	3,207	381	2,767	6,355	2,727
107	1	9,547	1,451	706	2,810	4,967	5,301	1,573	3,792	10,667	2,697
108	1	7,801	1,703	360	2,334	4,397	4,100	1,592	2,102	7,794	2,204
109	1	3,105	578	437	367	1,382	4,509	1,269	2,450	8,228	877
110	1	4,794	1,073	259	1,128	2,460	2,018	44	3,168	5,230	1,354
111	1	4,958	1,532	81	1,221	2,834	4,102	481	4,945	9,528	1,401
112	1	3,162	246	64	1,337	1,648	1,687	203	1,318	3,208	893
113	1	3,472	146	42	1,637	1,824	639	90	1,453	2,183	981
114	1	9,052	429	749	2,818	3,996	613	187	5,095	5,894	2,557
115	1	2,018	477	124	303	904	2,856	121	579	3,555	570
116	1	3,545	593	107	984	1,684	2,895	340	1,129	4,365	1,002
117	1	4,590	1,098	196	868	2,162	157	155	4,242	4,554	1,297
118	1	2,334	375	95	608	1,077	76	71	1,723	1,870	659
119	1	1,349	248	35	367	650	182	141	1,375	1,698	381
120	1	1,184	50	29	468	547	81	135	1,209	1,426	334
121	1	7,776	1,341	1,425	324	3,091	5,659	300	3,628	9,587	2,197
122	1	8,756	897	478	3,362	4,737	2,896	793	3,269	6,958	2,474
123	1	8,762	1,724	860	1,824	4,409	4,806	1,397	1,778	7,981	2,475
124	1	25,788	6,341	1,675	6,184	14,200	13,912	2,573	5,623	22,107	7,285
125	1	14,231	2,433	526	5,190	8,149	6,888	1,152	6,550	14,590	4,020
126	1	9,094	2,619	609	1,815	5,044	4,830	829	4,984	10,643	2,569
127	1	7,050	1,447	999	742	3,188	3,181	160	2,491	5,832	1,992
128	1	3,077	651	194	841	1,685	940	168	1,507	2,615	869
129	1	1,817	499	93	447	1,039	3,106	434	976	4,516	513
130	1	4,381	1,090	55	1,487	2,631	6,893	708	2,178	9,779	1,238
131	1	3,548	917	123	1,001	2,042	4,352	1,443	2,950	8,745	1,002
132	1	4,277	819	268	1,187	2,274	6,197	620	2,221	9,039	1,208
133	1	4,654	1,810	286	526	2,622	6,499	821	2,896	10,216	1,315
134	1	2,762	959	41	693	1,693	3,105	622	2,079	5,807	780
135	1	3,266	989	166	684	1,839	4,715	1,347	1,324	7,386	923
136	1	17,104	6,668	615	2,635	9,917	5,226	1,097	3,343	9,667	4,832
137	1	12,782	7,225	119	819	8,164	4,645	402	3,082	8,130	3,611
138	1	37,532	10,183	710	10,951	21,844	14,990	558	6,049	21,597	10,603
139	1	15,346	4,221	864	3,166	8,251	7,713	2,351	940	11,004	4,335
140	1	4,007	1,173	402	378	1,954	1,999	236	716	2,951	1,132
141	1	63,750	10,467	1,807	7,384	19,658	15,006	651	8,183	23,840	18,009
142	1	58,201	8,358	2,332	3,512	14,202	38,784	847	5,877	45,508	16,442

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
143	1	25,060	1,430	916	3,548	5,893	13,500	460	3,336	17,296	7,080
144	1	47,125	7,580	1,986	4,160	13,725	4,284	1,434	6,256	11,973	13,313
145	1	37,790	6,268	1,054	4,370	11,692	1,558	880	6,021	8,459	10,676
146	1	6,253	1,493	424	1,323	3,241	2,310	515	734	3,560	1,767
147	1	8,479	2,024	576	1,794	4,394	7,908	552	787	9,248	2,395
148	1	7,692	1,032	294	915	2,241	1,609	775	1,104	3,488	2,173
149	1	14,120	4,155	698	2,897	7,750	5,304	489	4,927	10,720	3,989
150	1	6,109	1,214	451	1,421	3,085	1,996	337	1,234	3,567	1,726
151	1	13,431	692	427	6,037	7,156	9,052	394	1,842	11,288	3,794
152	1	8,220	2,939	356	1,357	4,653	6,603	423	5,107	12,132	2,322
153	1	5,130	1,763	191	975	2,930	2,000	81	945	3,027	1,449
154	1	7,568	2,211	802	759	3,771	11,755	1,613	5,121	18,490	2,138
155	1	6,161	1,927	398	1,071	3,396	3,954	600	911	5,464	1,740
156	1	10,658	3,092	1,009	1,353	5,453	4,194	1,661	3,588	9,443	3,011
157	1	2,233	457	205	459	1,121	4,981	827	1,428	7,237	631
158	1	12,264	2,774	1,506	1,461	5,741	9,809	1,801	2,597	14,208	3,464
159	1	11,342	3,517	550	2,398	6,466	6,614	1,207	1,949	9,770	3,204
160	1	8,141	2,416	423	1,752	4,590	1,664	400	4,210	6,273	2,300
161	1	14,916	3,160	1,275	3,027	7,462	2,702	737	1,618	5,057	4,214
162	1	10,304	1,728	745	2,774	5,247	2,650	472	1,717	4,839	2,911
163	1	10,374	2,163	274	3,483	5,919	20,183	1,953	5,455	27,591	2,931
164	1	1,791	491	164	245	900	1,735	322	144	2,201	506
165	1	12,279	1,031	1,131	3,641	5,803	40,702	3,284	6,722	50,707	3,469
166	1	7,234	2,064	347	1,614	4,025	6,916	433	1,503	8,852	2,043
167	1	11,649	2,853	1,237	1,507	5,597	2,105	532	1,747	4,384	3,291
168	1	9,189	2,119	707	1,891	4,717	1,359	664	1,159	3,182	2,596
169	1	4,579	1,006	246	1,218	2,470	991	120	822	1,933	1,293
170	1	1,352	296	125	245	667	820	96	244	1,161	382
171	1	3,279	1,050	265	430	1,745	1,230	738	1,316	3,284	926
172	1	4,454	1,217	301	892	2,410	6,725	1,768	2,964	11,456	1,258
173	1	3,692	1,090	435	262	1,787	1,777	720	782	3,279	1,043
174	1	3,397	948	264	588	1,799	732	356	1,246	2,334	960
175	1	3,994	2,163	57	361	2,580	2,542	461	957	3,960	1,128
176	1	19,794	5,985	828	4,559	11,372	12,545	770	4,703	18,017	5,592
177	1	4,154	1,369	309	572	2,250	1,197	25	1,764	2,986	1,174
178	1	4,917	481	914	435	1,830	1,576	29	2,202	3,807	1,389
179	1	12,847	4,110	524	3,334	7,967	10,334	1,483	4,129	15,946	3,629
180	1	15,100	1,772	1,786	3,932	7,490	8,591	1,127	6,705	16,422	4,266
181	1	14,572	1,858	1,126	4,985	7,969	5,951	934	4,286	11,171	4,117
182	1	17,273	2,202	1,334	5,909	9,446	7,806	1,189	5,460	14,456	4,880
183	1	8,875	1,132	686	3,036	4,853	4,792	745	3,420	8,956	2,507
184	1	4,695	599	363	1,606	2,568	2,770	303	1,391	4,464	1,326
185	1	1,948	248	151	666	1,065	1,873	218	1,000	3,091	550
186	1	10,307	2,135	728	2,982	5,844	6,795	1,571	5,036	13,402	2,912
187	1	11,757	3,233	687	3,039	6,960	7,003	2,962	1,812	11,777	3,321
188	1	9,317	2,562	545	2,409	5,516	5,005	2,489	1,522	9,016	2,632
189	1	12,018	3,305	703	3,107	7,115	5,498	2,710	1,658	9,866	3,395
190	1	7,611	2,066	466	1,946	4,478	2,452	1,471	2,515	6,438	2,150
191	1	19,556	6,201	1,393	3,811	11,405	10,934	1,888	5,004	17,825	5,525
192	1	8,626	2,132	973	1,403	4,508	4,086	1,124	1,628	6,837	2,437
193	1	160	97	4	9	109	3,721	295	2,983	6,999	45
194	1	5,904	1,158	631	1,292	3,081	2,418	250	2,695	5,363	1,668
195	1	2,402	702	128	613	1,443	852	90	1,056	1,997	679
196	1	7,124	1,680	598	1,680	3,957	10,902	1,144	1,869	13,916	2,013
197	1	12,720	5,647	897	1,133	7,677	29,164	5,464	6,689	41,318	3,593
198	1	14,835	8,324	455	1,150	9,929	10,236	916	6,361	17,514	4,191
199	1	17,353	5,072	926	4,429	10,426	8,286	3,632	5,950	17,869	4,902
200	1	12,549	4,243	412	3,282	7,937	7,977	3,520	7,573	19,070	3,545
201	1	11,919	7,260	165	882	8,307	5,688	443	7,824	13,955	3,367
202	1	2,104	682	193	302	1,177	2,423	766	692	3,880	594
203	1	18,792	6,062	857	4,633	11,552	11,167	944	9,898	22,008	5,309
204	1	12,225	5,729	31	1,956	7,716	10,085	1,963	4,905	16,952	3,453
205	1	3,848	1,299	81	886	2,266	3,339	430	1,547	5,316	1,087
206	1	2,305	1,244	22	195	1,461	1,390	447	1,172	3,009	651
207	1	1,740	579	42	395	1,016	916	90	1,178	2,184	492
208	1	5,696	1,404	371	1,199	2,973	5,297	366	2,283	7,946	1,609
209	1	11,562	5,025	141	1,961	7,127	9,981	2,369	8,618	20,968	3,266
210	1	3,324	479	266	879	1,623	2,067	297	2,309	4,672	939
211	1	1,858	778	100	166	1,044	2,403	228	1,416	4,047	525
212	1	2,925	1,085	81	548	1,714	1,605	73	2,283	3,961	826
213	1	3,247	1,040	93	829	1,962	6,322	944	2,470	9,735	917
214	1	5,830	1,385	531	1,096	3,013	4,102	1,390	6,132	11,624	1,647
215	1	4,342	1,170	246	1,029	2,445	5,717	708	3,047	9,471	1,227
216	1	2,711	749	96	752	1,598	1,409	457	2,550	4,416	766
217	1	8,494	806	478	3,275	4,559	9,259	1,806	8,213	19,277	2,400
218	1	4,415	796	614	579	1,989	12,553	934	1,109	14,597	1,247
219	1	5,336	2,093	136	1,075	3,304	5,534	556	4,441	10,531	1,507
220	1	3,251	649	320	663	1,632	3,453	1,399	1,310	6,162	918
221	1	8,017	2,108	551	1,730	4,389	11,175	2,089	1,914	15,178	2,265
222	1	2,463	852	237	210	1,299	2,054	898	829	3,781	696
223	1	2,808	1,053	69	613	1,735	10,097	1,442	2,312	13,851	793
224	1	12,011	3,377	314	3,834	7,525	16,189	3,950	4,064	24,203	3,393
225	1	2,463	533	146	743	1,421	1,616	165	597	2,377	696
226	1	6,203	1,076	847	1,039	2,962	3,140	586	983	4,710	1,752
227	1	4,172	1,127	368	803	2,297	4,549	805	1,515	6,869	1,178
228	1	16,273	9,461	261	1,422	11,145	7,848	3,730	3,952	15,530	4,597
229	1	9,856	2,824	559	2,419	5,802	14,121	2,118	2,400	18,639	2,784
230	1	6,491	2,993	116	1,202	4,311	5,016	436	893	6,344	1,834
231	1	6,257	1,612	482	1,421	3,515	1,372	1,022	3,350	5,743	1,768
232	1	9,280	2,881	493	2,183	5,556	5,411	236	2,187	7,833	2,621
233	1	5,738	1,690	611	900	3,201	6,571	917	2,558	10,047	1,621
234	1	16,932	2,715	1,982	4,323	9,020	12,151	7,741	3,200	23,092	4,783
235	1	4,133	1,244	334	905	2,484	3,217	927	1,715	5,859	1,168
236	1	4,160	1,148	171	1,364	2,683	13,732	2,388	6,801	22,921	1,175
237	1	3,462	1,725	158	450	2,333	1,587	503	913	3,003	978
238	1	5,192	1,918	466	736	3,120	9,087	2,871	4,262	16,220	1,467
239	1	7,457	3,133	320	1,505	4,958	6,500	2,025	3,425	11,950	2,107
240	1	17,145	6,191	636	3,967	10,794	7,226	593	1,788	9,608	4,843
241	1	10,394	3,193	515	2,594	6,302	4,113	630	1,095	5,837	2,936
242	1	14,947	3,488	1,019	4,053	8,560	8,050	2,002	8,131	18,184	4,223
243	1	3,376	1,664	82	499	2,246	16,454	253	1,515	18,222	954
244	2	6,268	303	695	1,615	2,613	1,243	349	804	2,396	1,771
245	2	10,450	1,518	720	2,627	4,865	2,012	243	1,668	3,923	2,952
246	2	5,944	1,474	606	492	2,571	1,308	168	1,092	2,568	1,679
247	2	14,421	4,611	614	2,926	8,152	6,397	29	2,502	8,928	4,074
248	2	8,256	1,749	18	2,549	4,316	1,492	121	1,831	3,444	2,332
249	2	21,628	4,848	179	5,029	10,057	3,991	471	4,346	8,808	6,110
250	2	5,548	929	372	1,112	2,413	2,067	127	1,514	3,708	1,567
251	2	10,832	4,457	275	1,312	6,044	12,987	239	2,934	16,160	3,060
252	2	21,599	8,102	551	2,623	11,275	16,398	294	3,608	20,300	6,102
253	2	22,384	6,922	569	2,712	10,203	8,094	171	2,096	10,361	6,323
254	2	11,016	4,813	280	1,336	6,430	6,556	60	737	7,353	3,112
255	2	4,797	1,637	306	1,149	3,092	2,165	446	2,305	4,916	1,355
256	2	23,433	8,135	981	2,837	11,954	4,246	409	3,261	7,916	6,620
257	2	12,937	3,486	635	2,690	6,811	2,611	280	2,141	5,031	3,655
258	2	17,262	7,109	363	4,319	11,791	8,828	772	1,816	11,416	4,876
259	2	32,174	7,236	1,626	5,634	14,497	6,670	258	1,171	8,100	9,089
260	2	40,115	9,268	2,517	6,148	17,933	6,429	1,762	4,338	12,528	11,332
261	2	15,317	3,409	1,615	1,000	6,024	2,224	97	1,448	3,769	4,327
262	2	31,038	2,973	5,659	1,171	9,803	4,792	951	3,609	9,352	8,768
263	2	-	588	-	-	588	8,112	262	800	9,174	-
264	2	449	521	39	27	588	6,424	209	636	7,269	127
265	2	-	424	-	-	424	11,321	413	1,261	12,996	-
266	2	38,657	9,616	3,389	2,370	15,375	14,465	455	1,388	16,308	10,921
267	2	5,794	2,760	453	317	3,529	1,14,822	450	1,373	1,16,645	1,637
268	2	21,466	6,263	2,008	1,404	9,675	20,880	722	2,203	23,805	6,064
269	2	239	1,196	21	15	1,232	18,608	620	1,892	21,121	68
270	2	5,753	3,183	523	366	4,072	11,832	332	1,012	13,175	1,625
271	2	41,566	12,411	2,891	4,498	19,800	8,982	853	3,686	13,520	11,742
272	2	39,121	8,185	2,171	6,148	16,503	11,567	865	6,142	18,575	11,052
273	2	5,914	4,571	65	666	5,302	8,001	189	1,057	9,248	1,671
274	2	10,062	3,937	259	943	5,139	2,999	382	2,567	5,949	2,842
275	2	22,020	5,501	1,820	1,655	8,976	4,818	509	2,624	7,952	6,221
276	2	24,652	7,860	1,374	2,639	11,874	4,982	1,006	2,728	8,716	6,964
277	2	16,381	4,425	648	2,976	8,049	2,166	821	2,696	5,683	4,628
278	2	52,527	17,176	468	12,071	29,715	3,613	1,173	7,410	12,196	14,839
279	2	14,603	3,369	905	2,681	6,955	2,356	437	2,966	5,760	4,125
280	2	6,033	2,092	79	1,173	3,344	1,222	43	1,632	2,897	1,704
281	2	8,032	4,903	395	1,312	6,610	8,838	148	1,282	10,268	2,269
282	2	9,206	5,730	739	952	7,421	9,165	113	1,675	10,952	2,601
283	2	2,958	648	229	456	1,333	1,048	331	2,482	3,861	836
284	2	3,217	2,227	56	275	2,558	6,016	762	1,314	8,091	909
285	2	4,948	1,030	607	780	2,417	6,927	524	2,007	9,458	1,398
286	2	3,851	1,148	54	855	2,056	2,353	96	3,736	6,184	1,088
287	2	14,249	3,155	403	2,740	6,299	2,987	230	2,632	5,849	4,025
288	2	17,195	7,207	390	2,990	10,587	8,957	1,528	1,712	12,196	4,858
289	2	8,605	3,127	325	1,394	4,846	5,265	176	1,757	7,198	2,431
290	2	15,210	3,132	1,254	2,045	6,431	5,509	869	3,380	9,757	4,297
291	2	5,384	914	586	1,336	2,836	1,414	133	633	2,179	1,521
292	2	16,312	4,226	1,157	2,719	8,102	3,096	819	3,982	7,898	4,608
293	2	7,960	4,195	244	1,157	5,597	8,235	464	2,596	11,295	2,249
294	2	15,638	4,995	1,287	1,986	8,268	7,988	4,291	4,412	16,691	4,418

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
295	2	6,210	2,943	86	489	3,517	1,167	444	1,389	3,000	1,754
296	2	12,239	3,066	1,965	754	5,785	5,435	977	2,455	8,866	3,458
297	2	7,379	1,618	230	2,017	3,866	1,654	302	1,630	3,586	2,085
298	2	5,273	1,258	343	944	2,545	637	165	1,297	2,099	1,490
299	2	5,449	873	670	527	2,071	1,717	142	440	2,299	1,539
300	2	16,004	3,112	915	3,310	7,337	3,531	724	2,089	6,344	4,521
301	2	11,968	3,158	569	2,540	6,267	3,458	1,124	1,606	6,188	3,381
302	2	13,283	2,557	1,110	2,195	5,861	1,969	710	2,173	4,852	3,752
303	2	15,199	5,057	1,126	2,067	8,250	8,773	1,025	1,653	11,450	4,294
304	2	11,456	6,423	63	2,257	8,743	9,453	313	820	10,586	3,236
305	2	24,324	11,230	133	4,785	16,148	17,705	766	2,011	20,483	6,872
306	2	18,948	8,147	103	3,728	11,979	11,472	455	1,193	13,120	5,353
307	2	17,728	3,221	1,186	4,155	8,562	4,054	1,379	4,168	9,601	5,008
308	2	11,860	4,039	632	1,761	6,431	5,471	723	1,944	8,138	3,351
309	2	20,608	4,656	1,557	3,589	9,802	7,789	910	2,876	11,576	5,822
310	2	559	553	77	9	639	867	64	176	1,107	158
311	2	6,758	3,332	31	634	3,998	2,018	1,269	1,097	4,384	1,909
312	2	16,137	3,113	953	3,213	7,279	4,336	747	2,154	7,237	4,559
313	2	18,482	6,758	1,761	1,772	10,291	26,383	6,303	7,310	39,996	5,221
314	2	8,705	2,754	486	1,724	4,965	4,928	725	1,397	7,050	2,459
315	2	46,246	17,154	1,511	2,750	21,415	15,376	2,869	4,422	22,667	13,065
316	2	16,275	1,847	1,137	4,932	7,916	10,677	1,104	2,327	14,108	4,598
317	2	15,305	6,125	988	3,656	10,769	12,185	3,069	3,749	19,002	4,324
318	2	2,348	2,321	151	393	2,864	12,131	2,144	2,443	16,718	663
319	2	16,507	4,972	1,059	2,762	8,793	11,559	1,817	2,071	15,447	4,663
320	2	33,436	15,710	1,962	4,467	22,139	35,149	13,579	6,655	55,383	9,446
321	2	32,863	12,472	2,274	5,383	20,129	21,415	2,220	7,068	30,703	9,284
322	2	10,917	4,527	672	1,667	6,866	14,720	360	862	15,942	3,084
323	2	34,349	4,948	1,860	10,586	17,393	14,257	4,088	6,382	24,727	9,704
324	2	19,038	14,635	1,173	2,907	18,714	25,789	1,919	3,641	31,349	5,378
325	2	27,224	6,405	1,677	4,156	12,238	17,856	760	1,029	19,646	7,691
326	2	25,070	9,155	1,321	3,988	14,464	9,917	1,224	3,452	14,592	7,082
327	2	4,387	3,124	269	1,109	4,502	6,087	509	2,677	9,273	1,239
328	2	22,480	7,527	2,032	2,118	11,677	8,698	805	1,467	10,970	6,351
329	2	5,277	1,834	296	931	3,061	1,437	221	486	2,143	1,491
330	2	37,331	8,906	1,937	5,189	16,032	3,726	950	2,631	7,307	10,546
331	2	26,589	4,110	2,050	4,418	10,579	2,331	1,123	1,944	5,399	7,511
332	2	50,220	9,124	4,586	7,302	21,012	6,236	1,665	4,277	12,177	14,187
333	2	79,672	16,036	4,876	15,484	36,396	12,845	3,019	9,989	25,853	22,507
334	2	41,484	16,197	707	10,338	27,242	27,306	1,436	6,784	35,526	11,719
335	2	11,256	4,535	546	1,172	6,253	4,475	412	3,204	8,091	3,180
336	2	22,486	3,785	1,012	7,834	12,631	3,960	391	2,432	6,784	6,352
337	2	3,686	1,119	98	984	2,201	484	8	518	1,010	1,041
338	2	9,896	4,968	391	1,845	7,205	3,707	170	1,105	4,982	2,796
339	2	10,881	4,640	430	2,029	7,099	2,867	209	1,357	4,433	3,074
340	2	2,777	623	510	153	1,286	286	192	397	876	784
341	2	23,469	10,853	704	2,971	14,529	5,439	679	2,160	8,277	6,630
342	2	13,009	5,011	433	2,472	7,915	1,736	100	1,706	3,542	3,675
343	2	10,170	6,036	684	1,492	8,212	11,096	815	2,167	14,078	2,873
344	2	61,692	25,557	51	5,340	30,947	13,077	2,926	9,925	25,927	17,428
345	2	32,698	10,651	904	6,309	17,864	20,799	1,341	4,552	26,692	9,237
346	2	36,122	10,108	998	6,960	18,065	16,471	1,107	3,756	21,334	10,205
347	2	27,801	10,412	1,363	240	12,015	9,011	730	1,052	10,794	7,854
348	2	10,165	3,846	498	88	4,432	3,457	292	421	4,170	2,872
349	2	28,447	7,438	1,273	5,742	14,453	10,452	782	2,487	13,722	8,036
350	2	27,051	8,610	626	4,360	13,597	7,014	609	5,016	12,639	7,642
351	2	12,156	6,995	588	1,721	9,304	10,815	563	1,597	12,974	3,434
352	2	5,715	2,194	209	523	2,926	1,463	118	816	2,398	1,615
353	2	10,961	3,153	378	2,200	5,731	4,266	579	740	5,585	3,096
354	2	20,915	2,820	1,087	4,663	8,571	3,123	1,079	3,091	7,293	5,909
355	2	3,231	1,199	101	546	1,846	1,331	122	719	2,172	913
356	2	16,340	4,818	510	2,759	8,087	4,385	398	2,222	7,005	4,616
357	2	14,062	4,430	345	2,345	7,120	1,480	201	2,436	4,117	3,973
358	2	16,956	10,707	108	123	10,939	7,278	207	2,457	9,941	4,790
359	2	6,301	1,375	311	1,286	2,972	1,546	93	653	2,292	1,780
360	2	13,476	3,225	385	3,165	6,775	2,536	300	2,297	5,133	3,807
361	2	18,839	6,457	461	2,575	9,493	4,903	242	2,321	7,467	5,322
362	2	8,597	1,398	466	1,843	3,706	1,409	-	2,963	4,372	2,429
363	2	5,989	1,398	128	1,380	2,905	1,284	616	3,008	4,907	1,692
364	2	22,264	7,132	1,544	3,301	11,977	9,121	2,452	5,462	17,035	6,290
365	2	36,556	7,068	1,594	7,176	15,838	4,961	1,522	9,647	16,130	10,327
366	2	72,220	7,919	3,153	21,722	32,793	29,458	624	5,874	35,956	20,402
367	2	14,284	5,656	210	1,063	6,929	2,227	574	4,669	7,470	4,035
368	3	45,350	5,000	3,532	12,288	20,820	12,876	2,225	13,915	29,016	12,811
369	3	12,635	1,204	1,540	2,396	5,140	3,358	1,055	1,890	6,303	3,569
370	3	11,761	1,888	535	2,289	4,713	1,266	2,770	2,700	6,736	3,322

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
371	3	15,376	2,161	284	4,059	6,504	2,364	3,054	3,226	8,644	4,344
372	3	37,870	5,505	2,197	7,707	15,410	24,303	15,549	19,061	58,913	10,698
373	3	12,159	3,530	1,952	2,981	8,462	31,986	19,867	54,250	1,06,103	3,435
374	3	39,613	9,047	2,532	7,953	19,532	1,859	4	6	1,869	11,191
375	3	27,576	4,275	2,050	6,536	12,861	224	3	5	232	7,790
376	3	32,793	7,988	3,630	3,936	15,554	1,634	13	76	1,724	9,264
377	3	9,453	878	960	3,617	5,455	717	3	4	725	2,671
378	3	24,228	5,129	2,553	4,394	12,075	852	2	5	859	6,844
379	3	3,596	751	592	1,366	2,708	3,222	302	1,848	5,372	1,016
380	3	32,640	3,402	4,420	6,507	14,328	1,201	796	1,774	3,770	9,221
381	3	63,042	7,653	6,159	15,477	29,289	3,494	4,049	3,579	11,122	17,809
382	3	16,768	1,929	2,132	3,678	7,739	865	514	1,615	2,993	4,737
383	3	10,315	1,078	1,121	3,216	5,415	744	646	832	2,222	2,914
384	3	39,853	7,393	3,907	7,980	19,280	2,761	2,587	3,916	9,264	11,259
385	3	19,797	2,270	2,789	3,947	9,006	689	706	949	2,344	5,593
386	3	1,15,154	21,940	9,399	18,530	49,869	4,836	3,504	5,282	13,621	32,531
387	3	8,648	934	1,360	1,704	3,998	351	703	1,440	2,494	2,443
388	3	86,498	4,379	14,764	22,317	41,460	10,700	3,594	3,160	17,454	24,436
389	3	41,845	5,607	8,307	3,627	17,541	1,360	2,479	2,732	6,572	11,821
390	3	69,786	8,864	8,238	14,164	31,266	2,515	3,597	2,446	8,558	19,715
391	3	34,634	4,417	7,401	2,898	14,715	991	1,365	3,498	5,855	9,784
392	3	58,009	3,991	12,707	8,907	25,604	2,915	3,244	4,338	10,497	16,388
393	3	8,774	668	612	2,876	4,156	743	319	1,474	2,536	2,479
394	3	2,129	273	262	613	1,147	595	350	1,665	2,610	601
395	3	41,956	2,077	2,720	14,444	19,242	2,100	912	2,145	5,156	11,853
396	3	30,917	1,665	2,075	10,644	14,385	1,382	562	1,323	3,267	8,734
397	3	26,417	1,842	1,231	9,262	12,335	986	439	1,705	3,130	7,463
398	3	5,797	684	118	1,999	2,801	511	200	916	1,627	1,638
399	3	29,339	2,514	4,078	5,570	12,163	844	430	1,675	2,949	8,288
400	3	14,433	1,909	2,626	2,832	7,367	1,427	740	2,136	4,303	4,077
401	3	23,981	1,777	3,634	4,710	10,121	741	569	1,642	2,952	6,775
402	3	9,690	702	1,459	1,901	4,062	341	405	1,168	1,914	2,737
403	3	14,880	1,548	2,892	2,056	6,497	1,119	676	1,455	3,249	4,204
404	3	33,786	4,627	4,197	5,052	13,876	2,876	679	3,925	7,481	9,545
405	3	16,906	3,339	2,637	2,528	8,503	2,718	292	1,688	4,698	4,776
406	3	9,784	7,003	4,188	1,463	12,654	9,071	292	1,684	11,047	2,764
407	3	76,191	24,668	631	1,589	26,888	3,412	740	2,427	6,580	21,524
408	3	61,385	20,219	689	1,280	22,188	2,756	532	1,746	5,034	17,341
409	3	33,180	10,995	407	692	12,094	3,425	727	2,383	6,535	9,373
410	3	1,417	472	289	273	1,034	693	235	750	1,678	400
411	3	10,449	3,350	2,248	1,912	7,510	3,617	1,384	2,670	7,672	2,952
412	3	9,737	2,461	1,749	1,782	5,992	2,603	1,217	2,347	6,166	2,751
413	3	41,582	9,855	4,229	5,488	19,572	6,422	1,516	2,335	10,273	11,747
414	3	32,578	6,244	2,542	4,278	13,064	3,256	1,258	1,938	6,452	9,203
415	3	31,104	6,102	2,497	4,105	12,704	3,693	1,431	2,204	7,327	8,787
416	3	17,877	3,884	1,633	2,359	7,877	2,987	1,006	1,549	5,543	5,050
417	3	53,579	1,417	9,209	12,725	23,350	4,462	1,686	2,289	8,437	15,136
418	3	70,593	2,560	12,497	16,766	31,822	7,487	2,692	3,655	13,833	19,942
419	3	35,665	6,296	4,565	6,325	17,186	5,396	2,747	6,085	14,228	10,075
420	3	17,245	3,040	2,349	3,729	9,118	3,070	821	2,923	6,814	4,872
421	3	6,762	1,045	456	2,664	4,164	1,553	256	1,302	3,111	1,910
422	3	27,997	6,467	1,515	5,609	13,590	7,241	934	3,850	12,024	7,909
423	3	17,967	2,950	5,831	650	9,432	3,412	829	3,729	7,970	5,076
424	3	10,308	2,122	315	2,447	4,884	961	606	1,726	3,293	2,912
425	3	20,122	3,572	2,834	2,521	8,927	1,750	2,295	2,458	6,503	5,684
426	3	36,134	4,906	4,189	9,383	18,478	5,759	4,052	5,856	15,668	10,208
427	3	16,604	1,455	4,430	2,357	8,242	3,171	1,058	2,400	6,629	4,691
428	3	31,560	4,657	5,694	4,598	14,950	5,727	1,710	4,456	11,893	8,916
429	3	21,125	6,526	1,247	2,254	10,027	4,360	541	3,405	8,307	5,968
430	3	19,589	2,755	2,374	4,194	9,323	4,080	483	2,632	7,194	5,534
431	3	20,470	5,279	1,715	2,313	9,308	5,321	1,451	1,849	8,621	5,783
432	3	18,903	5,370	1,843	2,136	9,349	5,666	1,366	1,741	8,772	5,340
433	3	33,451	4,893	3,068	8,843	16,804	3,684	1,511	5,526	10,721	9,450
434	3	5,068	1,055	684	972	2,711	1,130	331	1,296	2,757	1,432
435	3	31,567	5,724	4,677	5,541	15,943	7,455	1,945	2,260	11,660	8,918
436	3	5,229	169	192	2,662	3,023	1,058	170	473	1,701	1,477
437	3	17,190	9,932	3,047	768	13,747	13,786	4,904	8,574	27,263	4,856
438	3	23,143	8,240	1,778	903	10,920	7,347	2,861	5,002	15,211	6,538
439	3	22,390	3,457	3,285	2,485	9,226	2,947	763	3,438	7,148	6,325
440	3	7,611	2,607	1,196	1,023	4,826	4,891	2,752	5,390	13,033	2,150
441	3	26,672	3,785	4,068	6,882	14,734	4,375	1,355	7,978	13,708	7,535
442	3	14,903	3,705	1,717	2,736	8,158	4,530	1,656	3,737	9,923	4,210
443	3	33,675	2,294	5,343	8,360	15,997	8,796	714	3,873	13,383	9,513
444	3	33,517	2,493	5,428	8,321	16,242	8,162	656	3,555	12,372	9,469
445	3	6,852	723	840	1,808	3,370	2,221	1,198	3,584	7,003	1,936
446	3	5,599	1,150	345	1,136	2,632	508	381	1,367	2,255	1,582

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
447	3	10,596	1,736	1,981	2,117	5,834	2,185	1,527	1,638	5,350	2,993
448	3	25,398	4,298	3,804	6,139	14,242	6,337	968	5,169	12,474	7,175
449	3	15,730	4,286	1,845	365	6,496	1,708	647	2,709	5,063	4,444
450	3	50,075	13,354	2,626	7,434	23,414	9,503	1,083	8,926	19,512	14,146
451	3	28,845	7,650	2,854	3,463	13,966	10,735	5,486	6,838	23,058	8,149
452	3	5,570	1,047	373	1,431	2,851	875	1,146	1,819	3,841	1,574
453	3	5,948	1,896	867	60	2,824	2,230	552	1,952	4,735	1,680
454	3	20,549	2,366	4,263	6,236	12,865	18,544	2,581	14,669	35,795	5,805
455	3	10,257	1,601	1,521	1,710	4,831	992	1,588	2,454	5,034	2,898
456	3	15,635	3,299	604	3,256	7,159	528	529	2,870	3,928	4,417
457	3	13,195	1,904	1,346	2,923	6,173	637	602	3,059	4,298	3,727
458	3	6,714	662	1,158	1,359	3,180	858	330	1,372	2,560	1,897
459	3	5,836	1,093	695	1,276	3,064	1,118	297	1,523	2,938	1,649
460	3	6,070	1,264	518	984	2,766	607	253	865	1,725	1,715
461	3	55,423	1,663	16,162	6,864	24,689	7,855	1,124	7,757	16,736	15,657
462	3	55,861	13,164	4,384	6,801	24,349	2,193	4,601	12,648	19,443	15,781
463	3	13,182	1,238	4,754	753	6,746	2,256	3,177	3,383	8,816	3,724
464	3	11,211	4,603	3,063	1,748	9,414	9,955	21,081	6,988	38,024	3,167
465	3	65,699	4,649	12,493	12,242	29,384	21,329	7,224	7,136	35,690	18,560
466	3	38,405	5,080	4,416	8,961	18,457	10,336	9,743	9,987	30,066	10,849
467	3	18,044	2,293	2,948	3,581	8,822	12,828	4,899	5,475	23,202	5,098
468	2	10,944	904	-	5,287	6,190	1,956	1,801	133	3,890	3,092
469	2	5,645	2,292	74	1,380	3,746	3,210	524	1,284	5,018	1,595
470	2	45,928	15,626	1,077	4,615	21,318	11,828	3,498	9,298	24,624	12,975
471	2	5,675	1,085	409	951	2,445	2,669	464	1,549	4,682	1,603
472	2	14,247	4,526	554	1,283	6,362	3,735	1,389	2,759	7,884	4,025
473	2	5,962	1,014	573	635	2,223	1,407	382	1,052	2,840	1,684
474	2	21,292	5,495	1,307	3,855	10,656	16,382	2,446	4,391	23,220	6,015
475	2	3,479	818	165	674	1,657	2,913	434	782	4,129	983
476	2	34,059	5,734	3,464	4,500	13,698	13,789	4,332	5,641	23,763	9,622
477	2	7,961	2,218	398	812	3,429	2,500	717	1,631	4,849	2,249
478	2	33,056	9,931	1,933	4,674	16,538	18,288	1,449	5,807	25,543	9,338
479	2	29,103	8,441	2,137	4,526	15,104	17,957	2,590	4,331	24,877	8,222
480	2	8,521	4,577	250	920	5,747	6,147	1,125	2,278	9,549	2,407
481	2	6,379	2,535	338	1,009	3,882	3,918	916	1,850	6,683	1,802
482	2	5,211	2,783	44	303	3,130	2,259	586	1,066	3,911	1,472
483	2	7,007	2,892	179	543	3,615	2,011	638	2,014	4,663	1,979
484	2	7,879	1,089	281	2,071	3,441	839	968	2,068	3,875	2,226
485	2	9,126	4,509	112	817	5,438	4,677	796	2,197	7,669	2,578
486	2	20,768	2,182	2,113	5,153	9,447	5,427	2,001	5,227	12,655	5,867
487	2	43,440	7,116	2,676	7,835	17,627	4,465	2,152	6,990	13,607	12,272
488	2	45,998	8,490	3,735	5,567	17,793	2,506	1,727	5,816	10,049	12,994
489	2	1,29,185	7,429	25,554	1,182	34,165	11,985	8,741	17,634	38,360	36,495
490	2	1,18,906	23,927	6,053	18,527	48,507	12,252	4,454	13,914	30,620	33,591
491	2	61,767	13,106	3,144	9,625	25,874	9,616	3,256	10,174	23,046	17,449
492	2	30,461	5,034	2,057	5,052	12,143	1,480	2,261	5,381	9,122	8,605
493	2	28,301	5,898	2,147	1,660	9,705	853	456	1,855	3,164	7,995
494	2	29,703	4,252	2,406	3,709	10,367	7,811	791	2,966	11,568	8,391
495	2	32,356	5,588	2,621	4,040	12,249	7,003	593	2,222	9,818	9,140
496	2	1,08,185	14,628	8,764	13,508	36,901	12,381	1,259	4,721	18,361	30,562
497	2	-	180	-	-	180	199	-	-	199	-
498	2	18,323	6,196	493	1,898	8,587	4,704	399	1,012	6,116	5,176
499	2	33,021	9,714	885	3,406	14,005	6,477	668	1,693	8,838	9,328
500	2	2,786	9,819	204	757	10,780	15,538	-	1,330	16,868	787
501	2	10,678	13,285	851	2,016	16,152	29,640	4,740	5,150	39,530	3,016
502	2	13,762	7,193	1,074	2,538	10,805	11,008	1,190	1,920	14,118	3,888
503	2	19,610	4,538	1,174	3,649	9,361	1,870	276	1,045	3,191	5,540
504	2	25,765	5,564	1,542	4,795	11,900	2,292	515	1,953	4,761	7,278
505	2	31,352	8,128	2,045	3,421	13,594	3,446	720	1,799	5,966	8,857
506	2	32,381	9,326	1,843	3,667	14,836	13,588	2,251	4,554	20,393	9,148
507	2	59,597	15,757	3,198	8,236	27,192	23,227	3,356	7,635	34,218	16,836
508	2	35,068	9,828	2,007	6,233	18,068	13,788	4,445	6,837	25,070	9,907
509	2	27,109	8,235	697	3,890	12,822	7,084	2,773	4,711	14,568	7,658
510	2	8,581	1,773	516	1,350	3,639	1,870	743	1,363	3,976	2,424
511	2	31,636	6,013	2,267	4,758	13,038	7,502	2,447	4,921	14,870	8,937
512	2	21,104	4,005	1,067	5,050	10,122	11,331	922	1,751	14,003	5,962
513	2	14,278	2,506	722	3,416	6,644	7,458	645	1,224	9,327	4,033
514	2	11,190	3,106	1,022	267	4,395	1,980	1,025	2,737	5,741	3,161
515	2	2,714	1,505	100	343	1,949	1,823	533	1,351	3,707	767
516	2	8,322	2,681	374	669	3,724	2,273	1,148	634	4,055	2,351
517	2	3,689	825	182	538	1,546	418	284	737	1,438	1,042
518	2	8,830	2,122	295	2,425	4,841	6,594	974	4,581	12,149	2,495
519	2	21,755	15,798	384	2,000	18,182	20,990	4,339	6,234	31,562	6,146
520	2	8,109	4,238	264	451	4,953	4,519	883	2,025	7,427	2,291
521	2	10,762	4,446	386	1,186	6,017	3,490	902	2,937	7,329	3,040
522	2	29,385	10,415	943	1,952	13,310	8,639	446	1,586	10,670	8,301

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
523	2	35,848	14,053	1,150	2,381	17,584	13,005	503	1,790	15,299	10,127
524	2	24,091	8,219	773	1,600	10,593	6,264	342	1,217	7,824	6,806
525	2	24,226	8,559	777	1,610	10,945	7,726	400	1,424	9,550	6,844
526	2	8,309	1,259	943	875	3,077	1,413	148	1,031	2,591	2,347
527	2	9,500	2,079	626	1,116	3,821	1,116	291	1,436	2,843	2,684
528	2	22,535	7,891	266	3,562	11,719	10,547	158	1,527	12,232	6,366
529	2	43,244	14,274	510	6,835	21,620	14,397	225	2,174	16,796	12,216
530	2	13,144	9,431	360	1,307	11,098	13,427	238	1,045	14,710	3,713
531	2	8,658	1,970	280	1,657	3,906	1,313	117	1,148	2,578	2,446
532	2	9,156	3,151	270	1,349	4,769	3,905	260	686	4,852	2,586
533	2	18,417	3,974	715	3,442	8,130	2,249	125	2,799	5,173	5,203
534	2	9,876	2,643	372	1,251	4,266	981	177	1,483	2,640	2,790
535	2	3,345	933	126	424	1,483	319	45	441	805	945
536	2	31,832	10,613	1,516	5,066	17,195	18,492	286	1,013	19,791	8,993
537	2	5,231	1,477	195	777	2,449	747	169	700	1,615	1,478
538	2	41,647	13,210	1,518	4,881	19,609	13,493	214	1,244	14,951	11,765
539	2	41,562	13,266	1,519	4,886	19,671	14,371	228	1,322	15,921	11,741
540	2	51,432	16,191	1,880	6,047	24,117	13,952	215	1,247	15,413	14,530
541	2	35,354	11,638	1,292	4,156	17,087	12,481	181	1,052	13,715	9,988
542	2	5,978	21,462	415	989	22,866	27,913	204	692	28,808	1,689
543	2	29,735	6,770	1,885	5,329	13,984	11,717	1,891	6,750	20,358	8,400
544	2	4,246	2,757	187	846	3,790	6,055	125	563	6,743	1,199
545	2	14,570	1,624	1,123	3,046	5,794	2,859	638	2,290	5,787	4,116
546	2	5,097	2,823	56	333	3,212	3,135	57	437	3,629	1,440
547	2	5,564	2,489	347	930	3,767	3,320	313	1,033	4,666	1,572
548	2	3,106	1,798	202	708	2,708	3,102	227	994	4,323	877
549	2	12,673	4,573	581	2,598	7,752	6,120	395	2,338	8,852	3,580
550	2	40,862	9,147	2,315	6,073	17,534	4,964	921	3,615	9,500	11,543
551	2	42,347	10,204	3,011	5,672	18,887	8,008	1,622	5,579	15,209	11,963
552	2	6,923	1,991	853	581	3,425	4,271	180	635	5,086	1,956
553	2	34,326	5,595	2,796	5,958	14,349	2,616	1,106	3,926	7,647	9,697
554	2	76,939	18,921	5,012	8,626	32,559	13,154	1,969	3,444	18,568	21,735
555	2	16,439	2,417	883	3,843	7,143	1,304	843	2,061	4,209	4,644
556	2	32,626	7,500	1,768	5,723	14,991	10,714	1,689	2,125	14,529	9,217
557	2	9,940	3,946	1,153	1,542	6,641	6,199	1,444	1,851	9,494	2,808
558	2	13,402	7,970	614	1,376	9,960	9,947	1,085	2,050	13,082	3,786
559	2	19,623	5,921	694	4,337	10,952	8,377	1,417	2,547	12,340	5,544
560	2	55,013	21,062	2,907	8,149	32,118	33,371	1,468	5,803	40,642	15,541
561	2	19,171	4,588	763	2,703	8,054	6,122	579	1,358	8,060	5,416
562	2	43,685	9,708	4,027	4,181	17,917	11,518	3,300	5,762	20,579	12,341
563	2	9,330	3,920	118	404	4,443	1,531	1,315	1,141	3,986	2,636
564	2	32,811	5,851	2,355	4,920	13,125	6,883	1,630	2,663	11,176	9,269
565	2	42,177	7,552	3,027	6,324	16,903	8,946	2,017	3,295	14,259	11,915
566	2	397	1,313	55	58	1,426	2,382	200	1,053	3,635	112
567	2	10,126	4,370	459	1,387	6,217	3,827	2,035	1,333	7,195	2,861
568	2	45,426	15,663	1,250	3,680	20,593	8,656	2,428	6,532	17,616	12,833
569	2	7,888	1,869	589	650	3,107	1,339	181	1,088	2,609	2,228
570	2	8,630	1,831	610	953	3,394	576	606	1,452	2,635	2,438
571	2	16,137	4,483	616	1,757	6,856	3,745	506	1,096	5,347	4,559
572	2	7,763	1,235	598	1,086	2,919	627	789	715	2,131	2,193
573	2	10,224	2,155	694	1,254	4,103	3,012	224	990	4,227	2,888
574	2	13,136	2,443	801	2,098	5,342	1,813	576	1,584	3,973	3,711
575	2	10,516	2,174	713	1,289	4,177	3,138	293	709	4,140	2,971
576	2	70,935	21,507	2,401	7,382	31,290	17,849	2,665	3,873	24,387	20,039
577	2	40,440	13,580	1,135	4,720	19,435	8,073	1,059	3,628	12,760	11,424
578	2	5,075	2,565	210	979	3,753	3,757	191	590	4,538	1,434
579	2	4,867	402	508	883	1,793	427	263	529	1,219	1,375
580	2	25,687	7,854	3,592	-	11,446	8,653	563	1,563	10,778	7,257
581	2	63,420	15,790	3,954	12,278	32,023	16,033	1,633	5,473	23,139	17,916
582	2	43,700	11,545	2,888	8,174	22,607	12,929	3,326	4,389	20,644	12,345
583	2	13,421	2,674	887	2,510	6,072	3,600	1,037	1,368	6,005	3,791
584	2	12,725	2,109	841	2,380	5,330	1,975	734	969	3,678	3,595
585	2	10,281	1,747	680	1,923	4,349	1,590	580	766	2,936	2,904
586	2	18,981	3,233	1,255	3,550	8,038	3,546	1,190	1,570	6,305	5,362
587	2	26,157	5,034	1,631	5,064	11,729	3,093	915	4,538	8,546	7,389
588	2	8,090	3,385	245	692	4,323	1,163	317	1,646	3,126	2,285
589	2	7,130	383	482	2,032	2,897	377	224	1,202	1,802	2,014
590	2	3,247	594	280	487	1,360	509	203	1,309	2,020	917
591	2	5,084	924	538	342	1,804	281	110	345	735	1,436
592	3	2,632	471	543	127	1,141	320	1,073	1,789	3,182	744
593	3	25,930	2,510	3,537	6,280	12,327	7,845	4,622	6,032	18,500	7,325
594	3	-	0	0	-	0	0	-	-	0	-
595	3	9,268	3,119	1,794	2,510	7,424	9,926	2,980	3,376	16,282	2,618
596	3	2,868	304	194	1,408	1,906	471	443	627	1,542	810
597	3	6,071	1,024	1,124	1,205	3,353	1,284	1,065	1,973	4,322	1,715
598	3	4,915	946	972	974	2,892	1,009	918	1,728	3,655	1,388

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
599	3	6,201	978	935	966	2,879	1,279	1,193	2,390	4,862	1,752
600	3	30,568	9,310	2,304	2,511	14,125	3,664	4,992	9,450	18,107	8,636
601	3	21,315	1,890	2,999	6,370	11,259	10,624	3,741	4,593	18,957	6,021
602	3	40,287	4,689	7,206	7,121	19,016	6,317	7,597	7,852	21,766	11,381
603	3	39,121	10,817	6,091	6,394	23,302	8,612	1,877	3,722	14,212	11,052
604	3	10,905	2,756	2,524	1,280	6,560	3,524	3,410	2,138	9,072	3,081
605	3	9,026	2,106	424	1,533	4,063	358	541	1,156	2,055	2,550
606	3	26,827	7,830	3,706	3,014	14,550	5,601	3,667	2,030	11,298	7,579
607	3	52,408	6,526	7,120	12,789	26,435	5,462	6,961	6,507	18,931	14,805
608	3	51,682	4,623	8,172	11,168	23,962	2,219	3,253	5,315	10,787	14,600
609	3	32,008	5,942	5,185	5,378	16,505	6,882	7,885	4,178	18,946	9,042
610	3	18,033	5,705	641	3,002	9,348	3,134	3,169	1,552	7,856	5,094
611	3	14,230	2,265	1,265	3,491	7,021	1,374	1,230	1,415	4,019	4,020
612	3	18,092	5,387	2,544	3,555	11,485	4,475	4,625	3,515	12,615	5,111
613	3	7,611	689	1,176	1,875	3,739	527	806	1,281	2,614	2,150
614	3	30,093	6,187	5,880	3,088	15,156	3,917	5,362	4,077	13,356	8,501
615	3	1,109	585	425	245	1,255	6,476	1,790	2,517	10,783	313
616	3	1,413	1,013	681	312	2,006	6,066	1,470	2,067	9,602	399
617	3	14,313	1,921	2,524	3,162	7,607	4,226	1,013	1,425	6,663	4,043
618	3	8,536	2,091	2,002	1,886	5,979	9,915	2,518	3,541	15,974	2,411
619	3	90,766	12,736	15,286	12,032	40,053	865	2,049	3,160	6,075	25,641
620	3	13,560	2,395	1,780	1,750	5,925	374	1,042	1,232	2,648	3,831
621	3	10,574	1,719	1,666	1,889	5,274	1,229	1,495	2,044	4,767	2,987
622	3	10,256	2,514	660	1,937	5,111	1,333	626	1,380	3,340	2,897
623	3	22,989	8,452	2,019	1,990	12,461	6,781	1,836	3,292	11,909	6,494
624	3	9,242	3,299	1,278	1,751	6,328	2,529	460	1,713	4,701	2,611
625	3	24,503	8,245	1,173	2,606	12,023	3,004	2,839	1,443	7,286	6,922
626	3	28,648	4,248	2,711	7,341	14,301	3,701	799	3,516	8,016	8,093
627	3	12,616	2,644	905	2,625	6,174	2,167	1,199	3,120	6,486	3,564
628	3	8,030	2,297	108	1,423	3,827	1,230	417	1,452	3,099	2,269
629	3	19,694	2,826	2,038	5,184	10,048	2,359	1,622	6,360	10,341	5,564
630	3	28,014	4,019	1,793	7,517	13,329	6,428	2,189	6,434	15,051	7,914
631	3	23,037	3,885	3,570	5,019	12,474	6,507	6,578	8,149	21,234	6,508
632	3	28,544	5,108	1,325	7,697	14,129	7,396	3,355	7,535	18,286	8,064
633	3	13,152	2,515	2,370	2,028	6,912	3,713	2,980	4,659	11,352	3,715
634	3	15,207	3,051	1,277	3,699	8,027	2,614	1,949	4,154	8,717	4,296
635	3	15,101	2,649	1,248	3,284	7,182	1,997	2,434	2,031	6,461	4,266
636	3	24,848	5,170	2,896	2,928	10,995	1,615	1,411	6,497	9,524	7,019
637	3	9,513	1,092	2,089	2,270	5,451	2,275	2,155	3,767	8,197	2,687
638	3	15,165	5,657	351	594	6,602	2,176	1,003	3,863	7,042	4,284
639	3	27,970	1,517	4,320	7,773	13,610	1,258	1,118	4,474	6,850	7,902
640	2	46,458	10,201	2,910	8,519	21,629	8,181	140	1,097	9,418	13,124
1001	11	36,701	7,140	6,473	3,535	17,149	4,187	2,128	3,088	9,403	10,368
1002	11	25,571	5,204	5,346	2,891	13,441	3,260	1,484	2,706	7,450	7,224
1003	11	9,046	1,074	2,059	1,076	4,209	704	218	930	1,852	2,556
1004	11	87,743	22,923	13,000	7,798	43,720	12,273	5,028	7,322	24,624	24,787
1005	11	4,279	1,484	304	297	2,085	184	225	421	830	1,209
1006	11	19,851	4,491	3,006	2,216	9,714	2,327	814	1,879	5,019	5,608
1007	11	9,077	1,802	1,171	1,004	3,977	591	452	1,637	2,680	2,564
1008	11	19,527	3,793	2,429	2,231	8,453	1,084	757	3,369	5,209	5,516
1009	11	4,307	783	501	461	1,745	242	187	856	1,286	1,217
1010	11	5,664	1,140	741	634	2,515	273	196	855	1,324	1,600
1011	11	50,624	11,950	8,558	5,462	25,971	6,295	1,556	4,157	12,008	14,301
1012	11	38,325	8,974	6,415	4,053	19,442	4,873	1,548	3,527	9,948	10,827
1013	11	5,440	964	690	565	2,220	490	381	592	1,463	1,537
1014	11	8,018	1,617	1,149	844	3,610	919	400	745	2,065	2,265
1015	11	12,290	2,744	1,935	1,242	5,921	1,828	531	1,058	3,417	3,472
1016	11	14,058	2,945	1,983	2,034	6,962	4,445	4,604	5,615	14,664	3,971
1017	11	26,159	5,106	3,443	3,457	12,007	3,360	1,475	2,784	7,620	7,390
1018	11	6,480	961	601	1,161	2,723	678	862	1,248	2,789	1,831
1019	11	4,284	628	386	831	1,846	262	336	573	1,171	1,210
1020	11	10,682	1,527	955	1,853	4,335	999	1,279	1,899	4,178	3,018
1021	11	9,342	1,244	1,353	1,209	3,806	528	267	1,235	2,031	2,639
1022	11	50,518	10,584	4,186	6,015	20,785	1,245	2,578	5,253	9,076	14,271
1023	11	20,674	4,461	1,785	2,523	8,769	707	1,578	2,694	4,979	5,841
1024	11	27,558	4,447	3,316	3,879	11,642	2,430	2,223	4,877	9,530	7,785
1025	11	218	59	41	23	124	12	15	14	42	62
1026	11	32,617	5,470	4,090	4,886	14,446	1,118	914	2,959	4,991	9,214
1027	11	1,03,314	23,045	19,426	9,602	52,073	14,520	4,910	8,215	27,645	29,186
1028	11	82,543	16,838	17,068	7,516	41,423	8,348	7,658	6,961	22,966	23,318
1029	11	38,572	9,941	6,047	3,348	19,336	3,405	3,770	3,584	10,759	10,897
1030	11	18,976	5,378	2,391	1,285	9,054	1,682	557	1,705	3,943	5,361
1031	11	45,800	12,558	6,239	3,394	22,191	4,318	3,263	4,264	11,844	12,939
1032	11	73,586	19,366	10,900	5,997	36,263	6,421	5,905	6,338	18,663	20,788
1033	11	24,232	5,808	4,143	2,215	12,166	2,162	1,944	1,827	5,933	6,846
1034	11	43,619	9,946	7,392	3,557	20,894	4,994	1,293	4,760	11,047	12,322
1035	11	17,593	4,138	3,025	1,519	8,683	3,234	753	2,722	6,709	4,970
1036	11	38,438	9,083	6,535	3,421	19,039	3,141	2,844	3,124	9,108	10,859
1037	11	9,896	2,149	1,673	708	4,529	277	91	735	1,103	2,796
1038	11	8,159	1,857	1,379	665	3,901	642	343	716	1,700	2,305
1039	11	14,061	3,382	2,405	1,296	7,083	1,319	1,153	1,199	3,671	3,972
1040	11	11,114	1,708	1,636	1,605	4,949	375	145	812	1,332	3,140
1041	11	5,815	904	859	835	2,598	199	82	425	706	1,643
1042	11	15,816	2,534	2,446	2,420	7,401	558	272	1,217	2,048	4,468
1043	11	22,122	3,871	3,314	2,798	9,982	1,717	616	1,842	4,175	6,249
1044	11	27,286	4,924	4,144	3,408	12,475	2,143	769	2,240	5,152	7,708
1045	11	66,168	13,964	10,653	7,327	31,944	7,561	3,383	5,942	16,886	18,692
1046	11	13,293	2,281	2,035	1,825	6,141	504	284	940	1,728	3,755
1047	11	28,755	6,463	4,790	3,092	14,344	2,613	2,230	2,180	7,023	8,123
1048	11	39,013	7,645	6,003	4,374	18,022	3,053	2,643	3,330	9,026	11,021
1049	11	20,000	3,757	3,179	2,635	9,571	1,494	787	1,888	4,169	5,650
1050	11	6,305	1,101	656	1,099	2,855	595	159	847	1,601	1,781
1051	11	12,597	2,267	1,389	2,036	5,691	979	283	1,329	2,590	3,559
1052	11	4,274	805	483	782	2,069	255	68	408	731	1,207
1053	11	4,051	720	424	745	1,890	296	78	462	836	1,144
1054	11	7,223	1,253	747	1,246	3,247	558	139	836	1,532	2,041
1055	11	15,881	2,713	1,643	2,550	6,905	1,238	296	1,654	3,188	4,486
1056	11	18,156	3,465	2,194	2,708	8,367	1,876	501	2,148	4,525	5,129
1057	11	24,057	4,787	3,070	3,513	11,370	2,895	715	2,722	6,332	6,796
1058	11	12,078	2,030	1,209	2,026	5,265	672	179	1,154	2,004	3,412
1059	11	5,017	1,414	258	347	2,019	177	118	832	1,128	1,417
1060	11	12,753	3,949	987	1,046	5,982	1,103	828	4,631	6,561	3,603
1061	11	13,445	4,408	848	1,095	6,351	455	292	2,004	2,751	3,798
1062	11	6,188	1,737	343	434	2,514	289	196	1,299	1,784	1,748
1063	11	20,720	5,353	2,498	1,744	9,595	2,667	672	2,729	6,068	5,853
1064	11	18,715	4,593	869	1,137	6,599	560	376	2,712	3,648	5,287
1065	11	19,623	4,802	1,503	1,357	7,662	1,533	545	3,031	5,109	5,543
1066	11	17,078	4,639	1,171	1,231	7,041	967	425	2,518	3,909	4,824
1067	11	13,315	3,419	671	853	4,944	477	249	1,806	2,532	3,762
1068	11	17,264	4,626	807	1,126	6,559	399	219	1,952	2,570	4,877
1069	11	16,846	4,406	1,999	1,420	7,824	2,082	527	2,230	4,839	4,759
1070	11	10,972	2,843	1,397	946	5,185	1,331	385	1,347	3,062	3,099
1071	11	21,296	5,719	1,643	1,574	8,936	1,366	289	1,970	3,625	6,016
1072	11	11,146	3,055	700	791	4,547	456	310	1,930	2,696	3,149
1073	11	87,192	20,444	14,194	9,213	43,850	15,481	3,195	7,184	25,860	24,632
1074	11	7,737	1,240	791	1,229	3,261	924	206	772	1,902	2,186
1075	11	3,076	489	311	496	1,296	382	68	310	760	869
1076	11	48,835	11,126	7,623	5,486	24,234	7,319	2,767	4,545	14,631	13,796
1077	11	27,839	5,442	4,037	2,897	12,376	2,974	1,947	2,219	7,140	7,865
1078	11	11,593	1,944	1,764	2,124	5,832	1,211	407	1,153	2,772	3,275
1079	11	2,317	628	440	246	1,314	126	164	152	442	654
1080	11	20,514	3,291	3,058	3,841	10,189	2,297	770	2,382	5,450	5,795
1081	11	12,464	3,472	2,488	907	6,867	1,084	350	2,355	3,790	3,521
1082	11	21,742	3,961	2,082	2,591	8,634	1,132	747	3,965	5,844	6,142
1083	11	11,502	2,359	1,573	1,184	5,117	1,197	663	1,352	3,211	3,249
1084	11	6,682	1,331	873	713	2,917	550	386	796	1,731	1,888
1085	11	3,669	821	561	368	1,750	525	174	371	1,070	1,036
1086	11	19,637	4,220	2,117	2,594	8,932	1,683	1,362	2,484	5,529	5,548
1087	11	15,196	2,846	1,784	2,143	6,773	1,434	862	1,482	3,779	4,293
1088	11	13,179	1,889	960	2,522	5,371	196	1,198	1,666	3,060	3,723
1089	11	7,326	1,488	963	973	3,423	858	336	647	1,841	2,069
1090	11	22,936	3,439	1,849	4,095	9,383	3,015	3,912	4,704	11,631	6,479
1091	11	20,044	4,472	1,617	3,353	9,442	1,421	610	1,847	3,879	5,662
1092	11	21,145	4,715	1,733	3,507	9,955	1,575	634	1,947	4,156	5,974
1093	11	17,017	3,622	956	3,090	7,667	937	480	1,698	3,116	4,807
1094	11	18,796	4,121	1,660	2,912	8,693	1,622	641	1,810	4,073	5,310
1095	11	4,215	921	441	576	1,938	644	155	478	1,276	1,191
1096	11	16,440	3,604	1,473	2,523	7,600	1,321	629	1,569	3,518	4,644
1097	11	14,346	3,275	1,856	1,746	6,876	2,331	537	1,445	4,313	4,053
1098	11	19,031	3,999	1,042	3,426	8,467	2,744	1,738	4,356	8,838	5,376
1099	11	17,147	3,605	1,355	2,649	7,609	2,722	1,272	3,169	7,163	4,844
1100	11	16,948	3,527	900	3,041	7,468	968	544	1,781	3,292	4,788
1101	11	29,188	6,714	3,143	4,279	14,135	2,007	1,759	2,598	6,364	8,246
1102	11	7,511	1,432	257	1,349	3,038	1,479	983	2,356	4,818	2,122
1103	11	22,712	4,682	982	4,263	9,927	1,150	567	2,242	3,959	6,416
1104	11	13,787	2,870	735	2,472	6,078	788	443	1,449	2,679	3,895
1105	11	13,690	2,878	806	2,406	6,090	783	440	1,412	2,635	3,868
1106	11	17,701	3,880	1,575	2,728	8,183	1,613	609	1,711	3,934	5,001
1107	11	5,368	1,195	816	535	2,546	763	160	524	1,447	1,517
1108	11	3,817	694	444	401	1,539	219	90	472	781	1,078
1109	11	11,210	2,422	1,637	1,130	5,189	1,645	408	1,442	3,495	3,167
1110	11	13,236	2,337	1,489	1,370	5,196	834	356	1,871	3,062	3,739

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1111	11	7,755	1,374	885	776	3,036	804	362	1,586	2,752	2,191
1112	11	1,752	333	213	194	740	125	53	265	443	495
1113	11	6,390	1,370	924	646	2,940	928	233	840	2,001	1,805
1114	11	7,658	1,712	1,170	761	3,644	1,119	228	742	2,089	2,163
1251	7	285	49	21	49	120	16	21	15	52	81
1252	7	5,083	891	671	663	2,225	281	739	236	1,256	1,436
1253	7	5,980	798	1,403	351	2,552	382	720	339	1,441	1,689
1254	7	3,036	319	771	144	1,234	198	106	207	512	858
1255	7	7,567	1,275	1,424	656	3,356	308	607	402	1,317	2,138
1256	7	3,802	1,079	699	113	1,891	375	282	409	1,065	1,074
1257	7	8,695	847	1,200	1,650	3,697	418	1,043	343	1,804	2,456
1258	7	8,297	1,248	1,156	1,231	3,635	585	894	320	1,798	2,344
1259	7	9,870	1,573	1,441	1,329	4,343	490	965	507	1,962	2,788
1260	7	3,928	565	572	566	1,703	279	253	136	668	1,110
1261	7	1,669	224	172	317	713	58	100	91	249	471
1262	7	3,212	502	474	445	1,421	206	283	125	614	907
1263	7	1,815	271	236	287	794	125	210	78	413	513
1264	7	3,862	616	597	505	1,718	291	552	158	1,002	1,091
1265	7	3,746	617	628	438	1,684	202	387	135	724	1,058
1266	7	3,405	596	660	301	1,557	155	91	97	343	962
1267	7	5,337	528	289	1,410	2,228	481	110	248	839	1,508
1268	7	105	19	21	8	48	11	25	4	39	30
1269	7	6,511	704	873	1,203	2,781	506	428	290	1,224	1,839
1270	7	8,366	655	877	1,929	3,461	660	298	414	1,371	2,363
1271	7	4,028	491	300	894	1,685	386	52	213	651	1,138
1272	7	5,489	449	378	1,433	2,261	179	184	488	851	1,551
1273	7	8,614	1,109	780	1,754	3,643	445	636	549	1,630	2,434
1274	7	5,796	1,162	553	833	2,548	240	535	370	1,145	1,637
1275	7	3,162	636	283	465	1,385	136	263	206	605	893
1276	7	1,212	243	115	174	532	53	46	74	174	342
1277	7	8,264	1,612	911	1,121	3,644	344	729	537	1,610	2,335
1278	7	5,192	733	612	900	2,246	163	343	329	835	1,467
1279	7	2,541	726	297	117	1,139	214	52	122	388	718
1280	7	13,375	3,055	1,934	1,115	6,105	506	947	434	1,888	3,778
1281	7	10,004	2,264	1,298	810	4,372	505	809	374	1,688	2,826
1282	7	3,036	836	257	272	1,365	198	158	131	488	858
1283	7	1,537	433	118	139	690	103	84	68	255	434
1284	7	42,608	7,049	8,096	3,826	18,971	3,324	3,426	1,817	8,567	12,037
1285	7	70,252	12,989	12,589	6,251	31,829	6,562	8,165	2,774	17,501	19,846
1286	7	20,919	4,001	3,181	2,152	9,334	1,783	1,618	930	4,330	5,910
1287	7	69,115	11,574	8,985	9,138	29,696	3,086	3,526	4,333	10,945	19,525
1288	7	84,791	16,546	13,056	8,296	37,898	6,271	6,913	4,465	17,649	23,953
1289	7	2,07,290	37,638	39,743	16,716	94,097	14,496	5,662	6,702	26,860	58,559
1290	7	82,278	14,732	16,101	6,426	37,260	4,629	895	2,355	7,879	23,244
1291	7	22,603	4,049	3,444	2,459	9,952	1,594	904	1,161	3,660	6,385
1292	7	9,539	2,229	1,703	216	4,147	310	288	802	1,401	2,695
1293	7	6,221	1,445	1,114	149	2,709	214	229	516	959	1,757
1294	7	8,927	2,054	1,622	245	3,921	299	429	716	1,443	2,522
1295	7	4,424	1,061	778	74	1,913	132	133	401	666	1,250
1296	7	11,498	2,768	2,012	178	4,958	344	323	1,053	1,721	3,248
1297	7	11,492	2,038	1,586	1,324	4,948	387	488	811	1,686	3,247
1298	7	13,442	2,384	1,920	1,509	5,813	435	681	909	2,025	3,797
1299	7	19,821	3,503	2,533	2,396	8,432	625	907	1,532	3,064	5,599
1300	7	1,403	196	214	89	499	62	201	48	311	396
1301	7	6,166	1,091	842	713	2,646	357	255	315	927	1,742
1302	7	4,055	726	668	407	1,801	233	352	178	762	1,146
1303	7	6,603	1,178	1,111	644	2,933	312	387	267	965	1,865
1304	7	10,780	2,361	895	1,386	4,642	584	300	842	1,725	3,045
1305	7	9,143	2,025	691	1,205	3,920	494	227	741	1,462	2,583
1306	7	16,845	3,169	1,717	2,299	7,185	1,160	812	892	2,865	4,759
1307	7	12,507	2,355	1,279	1,707	5,342	857	611	662	2,130	3,533
1308	7	11,999	2,251	1,373	1,556	5,179	773	644	602	2,019	3,390
1309	7	22,661	4,267	2,285	3,109	9,662	1,553	1,074	1,205	3,833	6,402
1310	7	11,113	2,097	1,071	1,555	4,723	778	525	604	1,907	3,139
1311	7	9,079	1,700	1,043	1,172	3,915	581	470	453	1,504	2,565
1312	7	9,544	1,798	950	1,317	4,064	662	427	510	1,598	2,696
1313	7	28,684	5,411	2,806	3,989	12,206	1,996	1,358	1,548	4,902	8,103
1314	7	8,616	1,627	815	1,214	3,657	606	408	472	1,487	2,434
1315	7	15,763	2,970	1,673	2,123	6,766	1,060	835	824	2,718	4,453
1316	7	7,812	1,426	1,463	560	3,449	541	512	390	1,442	2,207
1317	7	7,665	1,410	1,425	547	3,383	403	560	403	1,365	2,165
1318	7	13,884	2,530	2,629	1,004	6,163	1,030	1,048	670	2,748	3,922
1319	7	14,941	2,709	2,890	1,098	6,697	1,280	1,400	664	3,344	4,221
1320	7	17,665	3,294	3,029	1,188	7,511	806	807	1,210	2,823	4,990
1321	7	24,389	4,561	4,107	1,618	10,286	1,124	1,097	1,761	3,983	6,890
1322	7	19,551	3,656	3,348	1,314	8,318	897	960	1,358	3,215	5,523

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1323	7	10,353	1,918	1,868	723	4,509	463	498	600	1,560	2,925
1324	7	58,080	14,262	5,282	5,624	25,167	2,189	2,179	5,010	9,379	16,408
1325	7	54,683	6,998	7,668	8,156	22,822	2,450	1,848	4,239	8,537	15,448
1326	7	1,06,666	19,479	20,665	8,003	48,146	7,430	4,380	3,997	15,808	30,133
1327	7	21,673	4,119	4,025	1,621	9,766	1,728	1,989	1,116	4,833	6,123
1328	7	9,813	1,834	1,855	735	4,424	860	912	464	2,236	2,772
1329	7	33,270	9,140	2,853	2,723	14,716	1,653	1,042	2,393	5,088	9,399
1330	7	2,845	736	292	226	1,254	155	137	165	457	804
1331	7	14,426	2,980	2,438	1,119	6,537	1,461	1,309	613	3,384	4,075
1332	7	17,822	3,859	2,784	1,389	8,032	1,667	1,352	807	3,825	5,035
1333	7	9,933	2,434	1,191	785	4,410	651	525	533	1,709	2,806
1334	7	1,993	450	226	201	877	96	138	112	346	563
1335	7	7,911	1,507	1,424	652	3,583	888	754	316	1,959	2,235
1336	7	3,118	733	284	330	1,347	160	215	196	571	881
1337	7	10,584	2,352	1,235	1,049	4,636	586	807	588	1,982	2,990
1338	7	8,680	1,407	1,500	925	3,832	620	703	437	1,760	2,452
1339	7	5,836	882	897	722	2,501	263	321	347	931	1,649
1340	7	3,277	507	526	383	1,416	149	146	178	472	926
1341	7	7,079	1,056	1,066	891	3,014	321	349	431	1,101	2,000
1342	7	3,848	683	771	312	1,766	445	449	142	1,036	1,087
1343	7	7,261	1,092	1,105	910	3,107	326	427	441	1,194	2,051
1344	7	35,301	6,339	6,631	2,933	15,904	3,550	4,529	1,324	9,403	9,972
1345	7	20,649	3,988	2,415	2,541	8,944	772	2,350	1,094	4,216	5,833
1346	7	13,734	2,662	1,559	1,717	5,939	297	2,020	752	3,069	3,880
1347	7	17,749	3,435	2,036	2,206	7,678	1,127	2,099	1,137	4,363	5,014
1348	7	2,676	524	282	348	1,154	170	262	179	611	756
1349	7	10,650	2,049	1,289	1,287	4,625	379	992	698	2,069	3,009
1350	7	13,185	2,406	1,680	1,555	5,641	591	1,170	783	2,544	3,725
1351	7	4,320	788	595	487	1,870	236	429	244	909	1,220
1352	7	7,896	1,544	808	1,035	3,387	176	382	777	1,335	2,231
1353	7	6,365	1,229	760	777	2,767	266	500	486	1,252	1,798
1354	7	6,428	1,250	708	816	2,773	262	279	442	982	1,816
1355	7	14,136	2,758	1,521	1,817	6,096	640	942	1,009	2,591	3,993
1356	7	9,700	1,895	1,011	1,261	4,167	438	610	704	1,751	2,740
1357	7	6,166	1,211	617	817	2,645	129	107	641	878	1,742
1358	7	8,895	1,724	1,784	470	3,978	662	684	439	1,785	2,513
1359	7	49,099	10,427	6,953	3,667	21,047	2,085	1,539	4,333	7,957	13,870
1360	7	12,396	2,345	1,774	1,354	5,474	604	685	811	2,099	3,502
1361	7	20,764	4,313	3,009	1,722	9,044	841	1,118	1,415	3,373	5,866
1362	7	9,319	1,923	1,384	771	4,078	382	551	616	1,549	2,633
1363	7	17,728	3,669	2,553	1,464	7,686	737	932	1,179	2,848	5,008
1364	7	52,660	11,148	7,019	4,404	22,572	2,247	2,939	4,012	9,198	14,877
1365	7	9,206	1,748	1,698	725	4,172	911	1,035	379	2,325	2,601
1366	7	8,447	1,849	1,151	721	3,721	536	454	485	1,475	2,386
1367	7	14,724	3,000	2,378	1,206	6,584	1,195	1,196	717	3,108	4,160
1368	7	3,445	674	355	450	1,479	114	121	283	518	973
1369	7	14,000	2,948	1,442	1,712	6,102	808	381	947	2,136	3,955
1370	7	4,199	836	387	610	1,833	168	99	333	600	1,186
1371	7	11,248	2,462	809	1,583	4,854	470	189	1,039	1,697	3,178
1372	7	10,805	2,254	1,153	1,339	4,746	605	455	744	1,804	3,052
1373	7	9,864	2,106	899	1,298	4,303	288	1,066	849	2,204	2,786
1374	7	2,910	657	423	197	1,276	147	346	220	713	822
1375	7	5,722	1,160	727	653	2,540	311	619	419	1,349	1,616
1376	7	4,645	1,043	728	269	2,041	263	146	321	730	1,312
1377	7	6,984	1,303	1,239	621	3,163	645	729	347	1,722	1,973
1378	7	9,335	1,896	1,745	454	4,095	459	516	673	1,649	2,637
1379	7	10,617	2,098	1,363	1,169	4,629	560	706	683	1,948	2,999
1380	7	2,129	404	336	217	958	122	105	82	309	601
1381	7	6,812	1,246	1,286	579	3,112	613	750	245	1,608	1,924
1382	7	5,160	975	863	505	2,343	317	434	198	949	1,458
1383	7	48,677	8,721	9,349	3,926	21,996	5,160	5,997	1,752	12,909	13,751
1384	7	1,568	8,826	9,812	3,855	22,494	5,530	84	347	5,962	443
1385	7	32,696	5,715	6,296	2,519	14,530	3,473	3,435	1,114	8,021	9,237
1386	7	9,769	1,608	1,155	1,473	4,237	415	2,115	634	3,164	2,760
1387	7	22,736	3,586	2,200	3,724	9,509	1,505	2,786	2,020	6,311	6,423
1388	7	15,066	2,474	1,860	2,169	6,503	871	3,019	1,188	5,078	4,256
1389	7	7,166	1,118	857	962	2,936	415	1,439	539	2,393	2,024
1390	7	6,847	1,085	577	1,230	2,892	470	730	667	1,867	1,934
1391	7	45,920	8,144	8,833	3,974	20,951	4,794	6,535	1,779	13,107	12,972
1392	7	2,248	374	307	297	978	103	105	112	319	635
1393	7	5,437	911	777	691	2,379	226	823	286	1,335	1,536
1394	7	8,339	1,401	1,197	1,061	3,660	487	769	421	1,677	2,356
1395	7	20,308	3,452	3,119	2,414	8,985	1,546	1,859	973	4,378	5,737
1396	7	2,979	500	409	400	1,309	128	185	151	464	841
1397	7	34,939	6,199	6,784	2,955	15,938	3,999	3,872	1,291	9,162	9,870
1398	7	6,490	1,072	838	902	2,812	283	380	343	1,006	1,833

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1399	7	3,972	658	524	543	1,725	182	213	206	600	1,122
1400	7	19,089	3,379	3,668	1,647	8,694	2,141	2,062	714	4,916	5,393
1401	7	8,976	1,410	777	1,567	3,754	384	611	607	1,602	2,536
1402	7	7,778	1,300	1,089	1,009	3,398	421	863	406	1,690	2,197
1403	7	760	24	27	10	60	24	229	30	283	215
1404	7	37,424	6,186	5,032	4,979	16,198	1,977	5,789	2,089	9,856	10,572
1405	7	2	0	0	0	1	0	1	0	1	1
1406	7	13,289	2,163	1,496	2,049	5,708	538	1,483	814	2,835	3,754
1407	7	15,638	2,643	2,649	1,544	6,836	1,097	3,009	801	4,907	4,418
1408	7	23,430	4,137	4,452	2,060	10,649	2,437	3,162	913	6,513	6,619
1409	7	10,967	1,917	1,987	1,043	4,947	941	2,075	479	3,495	3,098
1410	7	13,594	2,235	1,719	1,915	5,869	568	2,124	793	3,485	3,840
1411	7	3,628	621	540	459	1,620	153	286	175	614	1,025
1412	7	4,668	732	395	823	1,950	197	311	318	826	1,319
1413	7	5,541	569	472	446	1,487	230	1,184	270	1,683	1,565
1414	7	5,803	1,018	1,071	536	2,625	426	86	194	706	1,639
1415	7	32,332	5,309	3,950	4,703	13,962	1,478	2,685	1,833	5,996	9,134
1416	7	12,227	826	921	2,526	4,273	525	1,278	759	2,563	3,454
1417	7	1,30,546	23,250	26,439	10,139	59,828	8,989	2,425	3,564	14,978	36,879
1418	7	15,460	1,546	1,737	3,247	6,531	660	2,912	993	4,565	4,367
1419	7	9,278	774	865	2,166	3,804	417	674	596	1,687	2,621
1420	7	8,848	647	721	2,015	3,383	616	1,045	787	2,448	2,500
1421	7	23,883	3,767	4,275	2,717	10,759	1,465	3,284	975	5,723	6,747
1422	7	11,122	1,176	1,323	2,199	4,698	560	1,570	663	2,793	3,142
1423	7	2,367	252	284	460	997	100	520	148	767	669
1424	7	2,139	204	229	399	832	123	441	167	731	604
1425	7	6,576	571	639	1,492	2,703	305	438	411	1,154	1,858
1426	7	3,605	319	359	604	1,283	186	546	254	985	1,018
1427	7	15,325	1,908	2,155	2,603	6,666	1,043	1,846	812	3,702	4,329
1428	7	39,396	6,344	7,204	3,953	17,501	2,078	3,706	1,402	7,186	11,129
1429	7	6,885	29,242	33,545	13,076	75,863	12,048	7,074	1,126	20,248	1,945
1430	7	18,487	13,752	16,997	8,671	39,421	4,028	5,798	1,102	10,928	5,223
1431	7	23,563	3,805	4,564	2,112	10,481	750	11,378	1,181	13,310	6,657
1432	7	23,569	1,604	3,611	4,373	9,588	446	3,515	992	4,953	6,658
1433	7	13,251	3,644	5,197	3,728	12,569	1,061	2,294	620	3,975	3,743
1434	7	14,671	8,717	11,026	6,017	25,759	3,135	3,745	832	7,712	4,145
1435	7	490	7,742	8,804	3,303	19,849	4,293	980	267	5,540	138
1436	7	208	4,030	4,583	1,719	10,332	2,148	415	129	2,693	59
1437	7	1,639	11,831	13,508	5,160	30,499	5,826	2,020	426	8,273	463
1438	7	5,167	639	882	594	2,115	140	1,221	221	1,581	1,460
1439	7	1,43,728	15,029	24,180	21,699	60,908	5,331	20,270	6,125	31,727	40,603
1440	7	1,68,944	28,249	33,455	14,920	76,625	18,439	22,008	6,125	46,572	47,727
1441	7	5,504	398	744	798	1,940	213	861	289	1,363	1,555
1442	7	7,724	617	1,203	1,346	3,166	230	1,148	362	1,740	2,182
1443	7	26,969	4,008	5,100	2,878	11,985	2,205	3,881	1,038	7,124	7,619
1444	7	20,342	2,979	3,829	2,222	9,029	1,501	3,677	812	5,990	5,747
1445	7	27,949	3,739	5,092	3,407	12,238	1,433	4,871	1,142	7,446	7,896
1446	7	29,966	4,928	5,892	2,723	13,543	2,567	4,351	1,084	8,002	8,465
1447	7	1,772	317	371	159	847	71	656	78	806	500
1448	7	99,259	16,712	19,604	8,423	44,739	8,414	20,893	3,911	33,218	28,041
1449	7	6,309	1,123	1,293	514	2,930	485	1,424	242	2,151	1,782
1450	7	29,079	4,749	5,710	2,692	13,151	1,470	7,466	1,222	10,158	8,215
1451	7	39,291	6,765	7,872	3,272	17,909	3,408	8,057	1,519	12,984	11,100
1452	7	41,616	6,082	7,856	4,622	18,560	2,188	8,756	1,696	12,640	11,757
1453	7	34,241	6,175	7,050	2,695	15,920	3,305	6,598	1,267	11,169	9,673
1454	7	1,21,826	18,472	23,252	12,721	54,445	5,453	26,894	5,000	37,347	34,416
1455	7	40,735	4,473	6,978	5,988	17,439	1,485	4,964	1,654	8,103	11,508
1456	7	31,722	4,419	5,858	3,680	13,957	1,371	7,651	1,432	10,455	8,961
1457	7	1,06,739	14,533	19,374	13,279	47,185	2,328	39,609	6,090	48,027	30,154
1458	7	35,471	6,063	7,064	3,008	16,135	1,094	14,249	1,657	17,000	10,021
1459	7	2,03,386	32,377	39,299	19,980	91,656	22,812	78,538	10,842	1,12,192	57,457
1551	4	1,20,962	30,262	31,780	5,545	67,587	11,260	5,602	5,713	22,576	34,172
1552	4	27,913	7,352	7,713	974	16,039	3,656	2,103	1,369	7,128	7,885
1553	4	1,56,356	42,610	44,684	4,578	91,871	17,249	3,342	6,650	27,241	44,170
1554	4	58,681	14,115	12,123	3,625	29,864	5,091	5,681	3,557	14,329	16,577
1555	4	28,517	6,844	5,902	1,734	14,480	2,503	2,190	1,569	6,261	8,056
1556	4	78,705	20,646	19,650	3,427	43,724	9,359	4,696	4,059	18,115	22,234
1557	4	22,730	6,509	6,241	598	13,348	2,860	1,750	1,073	5,683	6,421
1558	4	19,365	5,681	3,005	1,073	9,758	2,026	899	1,102	4,027	5,470
1559	4	20,439	5,905	2,973	1,149	10,027	1,341	746	964	3,051	5,774
1560	4	12,712	3,746	1,990	527	6,263	281	174	454	909	3,591
1561	4	12,094	6,388	3,180	927	10,495	871	297	595	1,763	3,417
1562	4	54,195	8,057	6,727	5,251	20,036	1,386	708	1,974	4,068	15,310
1563	4	24,485	6,307	5,814	1,416	13,538	3,220	1,031	1,097	5,347	6,917
1564	4	21,462	5,139	4,194	1,810	11,143	1,414	989	872	3,276	6,063
1565	4	21,772	4,913	4,912	1,491	11,315	1,243	1,331	877	3,450	6,150

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1566	4	17,456	4,296	4,376	917	9,589	1,828	1,225	775	3,829	4,931
1567	4	9,351	1,643	919	1,586	4,148	125	54	307	485	2,642
1568	4	17,668	3,551	2,564	2,371	8,486	585	507	638	1,730	4,991
1569	4	17,023	2,750	3,169	1,574	7,494	2,488	891	1,790	5,169	4,809
1570	4	22,486	3,905	4,410	1,802	10,117	2,147	1,168	1,731	5,045	6,352
1571	4	26,164	4,404	5,024	2,277	11,705	2,519	1,021	2,018	5,559	7,391
1572	4	68,820	14,341	10,239	7,193	31,773	8,344	3,744	5,053	17,141	19,442
1573	4	38,799	9,076	7,572	3,147	19,795	4,242	2,303	2,443	8,989	10,961
1574	4	8,210	1,742	1,632	658	4,033	533	737	866	2,136	2,319
1575	4	27,333	2,538	2,501	4,371	9,410	560	688	3,990	5,239	7,721
1576	4	26,956	4,088	5,083	2,186	11,356	2,506	1,245	2,985	6,736	7,615
1577	4	59,682	14,307	14,635	3,570	32,512	18,820	5,651	4,475	28,946	16,860
1578	4	64,390	11,263	10,865	7,462	29,590	6,392	2,576	4,531	13,500	18,190
1579	4	64,704	13,305	13,259	5,804	32,368	8,155	2,547	4,110	14,811	18,279
1580	4	68,466	5,788	2,527	10,556	18,871	4,501	3,129	4,658	12,287	19,342
1581	4	32,759	7,623	7,256	2,647	17,526	4,066	2,486	2,000	8,552	9,254
1582	4	76,515	14,370	11,850	10,230	36,449	8,557	4,813	5,083	18,453	21,615
1583	4	40,470	3,811	1,820	6,503	12,133	3,559	2,443	3,197	9,199	11,433
1584	4	13,684	1,697	2,972	1,543	6,213	1,314	1,275	1,455	4,045	3,866
1585	4	22,042	3,388	5,134	2,128	10,650	2,066	2,022	2,013	6,101	6,227
1586	4	58,255	3,111	9,313	7,433	19,857	5,628	5,860	7,424	18,911	16,457
1587	4	23,231	2,314	2,318	3,003	7,636	815	1,121	3,630	5,566	6,563
1588	4	38,315	3,334	3,276	6,001	12,611	693	928	3,949	5,570	10,824
1589	4	22,899	2,027	1,988	3,725	7,740	844	541	3,605	4,990	6,469
1590	4	28,710	5,852	5,269	347	11,468	527	567	3,317	4,410	8,111
1591	4	10,114	3,195	993	168	4,355	723	524	1,283	2,530	2,857
1592	4	14,666	1,470	1,456	2,336	5,263	581	408	2,069	3,058	4,143
1593	4	10,695	2,547	2,313	718	5,578	1,123	593	973	2,689	3,021
1594	4	45,402	11,791	7,424	2,516	21,730	3,952	2,164	3,581	9,698	12,826
1595	4	4,875	1,319	630	249	2,198	455	76	747	1,278	1,377
1596	4	16,264	4,505	3,265	622	8,392	2,567	455	2,096	5,118	4,595
1597	4	10,034	3,332	1,177	244	4,752	1,360	381	829	2,571	2,835
1598	4	9,186	2,026	1,410	605	4,042	1,024	350	1,119	2,493	2,595
1599	4	2,740	589	403	207	1,198	366	112	326	804	774
1600	4	9,436	2,013	1,365	716	4,094	2,717	823	2,120	5,660	2,666
1601	4	4,503	1,075	810	354	2,239	1,103	483	1,129	2,716	1,272
1602	4	5,001	1,159	812	435	2,406	1,286	595	1,419	3,300	1,413
1603	4	10,127	2,660	1,763	753	5,176	1,935	285	787	3,007	2,861
1604	4	7,573	1,345	1,190	875	3,410	931	212	745	1,888	2,139
1605	4	20,292	3,792	2,616	2,746	9,154	1,941	706	1,123	3,771	5,733
1606	4	11,298	2,357	1,942	1,133	5,432	2,075	689	837	3,600	3,192
1607	4	16,080	3,709	3,347	1,251	8,307	2,832	1,008	1,133	4,973	4,543
1608	4	32,169	6,952	5,953	2,927	15,832	8,357	4,030	3,316	15,702	9,088
1609	4	18,611	3,023	3,417	1,722	8,162	2,532	554	1,213	4,299	5,258
1610	4	13,699	2,329	2,614	1,218	6,161	2,419	994	1,458	4,871	3,870
1611	4	6,744	1,199	1,115	703	3,018	1,447	994	1,128	3,569	1,905
1612	4	20,976	3,103	3,976	1,828	8,908	1,153	2,023	2,700	5,876	5,926
1613	4	8,430	917	1,302	1,110	3,330	371	569	1,284	2,224	2,381
1614	4	1,689	343	270	119	733	215	265	304	785	477
1615	4	7,632	1,439	1,589	596	3,624	935	291	655	1,881	2,156
1616	4	16,102	2,743	2,100	1,670	6,513	111	1,690	1,171	2,972	4,549
1617	4	14,920	2,742	2,134	1,605	6,481	133	1,534	1,071	2,738	4,215
1618	4	7,916	1,517	1,183	884	3,584	93	772	551	1,416	2,236
1619	4	11,815	864	3,558	975	5,398	278	506	1,463	2,247	3,338
1620	4	21,048	3,826	4,530	2,314	10,671	3,677	4,356	2,888	10,921	5,946
1621	4	10,851	1,587	2,019	1,509	5,115	1,265	1,582	1,164	4,010	3,065
1622	4	22,425	2,587	4,997	2,938	10,523	1,368	2,784	2,385	6,538	6,335
1623	4	14,696	1,331	3,090	2,137	6,557	585	1,435	1,337	3,357	4,152
1624	4	17,235	1,381	3,748	2,869	7,999	639	2,306	2,005	4,950	4,869
1625	4	26,677	4,683	3,840	2,840	11,363	2,068	2,269	2,632	6,969	7,536
1626	4	18,229	3,241	2,549	1,856	7,646	1,337	1,146	1,907	4,390	5,150
1627	4	31,889	5,452	4,002	3,670	13,124	1,546	1,750	3,080	6,375	9,009
1628	4	11,359	1,974	1,423	1,378	4,776	367	448	889	1,705	3,209
1629	4	28,364	5,941	5,718	2,486	14,145	1,959	2,453	1,417	5,829	8,013
1630	4	19,869	4,353	4,488	1,576	10,417	5,089	1,719	2,005	8,814	5,613
1631	4	25,838	5,810	5,477	1,965	13,252	2,190	1,866	1,483	5,540	7,299
1632	4	40,649	7,934	7,164	3,480	18,579	4,747	4,483	3,399	12,629	11,483
1633	4	26,142	5,619	5,272	1,964	12,855	2,976	2,828	1,998	7,802	7,385
1634	4	18,595	4,234	3,979	1,463	9,676	2,299	2,046	1,478	5,824	5,253
1635	4	18,668	4,395	4,284	1,131	9,810	2,132	1,390	1,114	4,636	5,274
1636	4	19,793	4,520	4,256	1,540	10,316	2,527	2,093	1,559	6,180	5,591
1637	4	19,945	2,297	4,435	2,752	9,484	1,027	788	1,060	2,876	5,635
1638	4	6,965	2,077	1,010	435	3,521	290	218	998	1,507	1,968
1639	4	22,689	5,837	2,524	1,472	9,833	1,028	1,073	2,950	5,051	6,410
1640	4	9,136	3,654	434	186	4,274	353	515	661	1,529	2,581
1641	4	18,524	4,122	2,983	1,723	8,828	1,050	1,020	1,321	3,391	5,233

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1642	4	17,754	3,561	2,718	1,778	8,057	1,222	627	2,094	3,944	5,016
1643	4	19,280	3,917	3,068	1,672	8,657	3,133	3,020	2,694	8,846	5,447
1644	4	37,425	8,318	7,000	2,901	18,218	4,227	2,491	2,726	9,444	10,573
1645	4	13,140	2,964	3,164	858	6,986	2,205	816	991	4,013	3,712
1646	4	16,573	3,369	3,622	1,312	8,303	3,061	1,651	3,446	8,158	4,682
1647	4	13,761	2,152	2,373	1,543	6,068	1,094	570	1,689	3,353	3,887
1648	4	29,699	4,800	5,276	3,230	13,306	3,299	1,712	4,684	9,695	8,390
1649	4	26,462	5,973	6,355	1,543	13,871	3,627	804	1,665	6,096	7,476
1650	4	30,180	6,775	7,212	1,795	15,782	3,056	1,946	2,114	7,117	8,526
1651	4	22,957	6,595	4,231	842	11,668	4,126	1,080	4,426	9,632	6,485
1652	4	7,536	1,944	1,658	360	3,962	1,996	1,109	1,228	4,333	2,129
1653	4	3,505	835	502	276	1,613	1,202	900	966	3,069	990
1654	4	10,086	2,366	2,410	683	5,459	2,074	642	2,840	5,556	2,849
1655	4	4,703	916	680	519	2,114	693	396	1,877	2,966	1,329
1656	4	16,048	4,093	3,612	829	8,534	4,029	1,727	2,713	8,468	4,534
1657	4	6,659	1,603	1,176	513	3,293	1,292	716	1,194	3,202	1,881
1658	4	5,973	1,472	1,150	415	3,037	1,071	687	987	2,744	1,687
1659	4	3,640	862	673	243	1,778	938	576	832	2,346	1,028
1660	4	9,035	2,154	1,696	597	4,447	1,971	1,162	1,768	4,901	2,552
1661	4	6,580	2,438	752	108	3,298	873	372	439	1,685	1,859
1662	4	14,890	5,469	1,808	247	7,525	3,330	1,654	1,460	6,444	4,206
1663	4	9,981	1,846	2,067	938	4,850	1,183	807	1,320	3,310	2,820
1664	4	8,553	1,303	1,517	1,013	3,833	591	627	988	2,206	2,416
1665	4	9,925	1,848	2,745	680	5,273	2,566	5,417	3,276	11,260	2,804
1666	4	11,287	1,547	2,957	1,015	5,519	2,323	5,325	3,274	10,922	3,188
1667	4	8,608	1,479	1,661	779	3,919	1,380	1,147	1,274	3,802	2,432
1668	4	25,922	4,337	4,867	2,197	11,401	1,256	2,018	2,954	6,227	7,323
1669	4	6,429	1,396	1,316	560	3,272	1,628	2,935	1,531	6,094	1,816
1670	4	12,367	927	3,318	1,078	5,323	1,053	2,910	2,715	6,678	3,494
1671	4	8,291	951	2,295	628	3,873	1,009	2,486	2,219	5,714	2,342
1672	4	9,480	1,172	1,983	777	3,932	368	821	1,008	2,196	2,678
1673	4	22,606	3,090	5,031	1,868	9,989	877	1,845	2,212	4,934	6,386
1674	4	10,395	3,007	1,318	227	4,552	279	998	1,020	2,297	2,937
1675	4	22,182	3,851	4,348	2,171	10,371	1,767	1,004	1,471	4,242	6,266
1676	4	21,873	3,589	4,116	2,414	10,119	1,088	2,341	2,007	5,436	6,179
1677	4	6,515	1,095	1,288	452	2,835	308	547	610	1,466	1,840
1678	4	6,010	999	1,014	630	2,643	165	200	343	708	1,698
1679	4	14,098	2,770	2,898	1,161	6,828	1,956	1,900	2,299	6,155	3,983
1680	4	31,894	6,990	7,317	2,281	16,587	2,587	1,890	2,101	6,578	9,010
1681	4	5,103	1,045	923	371	2,339	806	756	1,505	3,066	1,442
1682	4	5,959	1,187	1,030	455	2,671	892	841	1,700	3,432	1,684
1683	4	4,873	948	809	387	2,144	643	611	1,257	2,511	1,377
1684	4	10,366	2,000	1,722	788	4,510	411	352	917	1,679	2,928
1685	4	7,382	1,146	771	876	2,793	292	213	780	1,286	2,085
1686	4	31,931	3,873	5,273	3,181	12,327	1,383	885	4,905	7,173	9,021
1687	4	11,559	2,930	1,720	747	5,397	3,267	1,105	2,204	6,575	3,266
1688	4	1,978	478	296	115	889	335	106	246	687	559
1689	4	4,557	1,088	846	361	2,295	1,813	317	925	3,055	1,287
1690	4	13,260	2,895	1,642	1,546	6,082	5,159	905	3,057	9,120	3,746
1691	4	7,602	1,536	1,139	919	3,593	3,899	1,544	3,821	9,264	2,148
1692	4	6,101	1,313	1,048	659	3,020	2,235	896	2,189	5,320	1,724
1693	4	6,212	1,173	834	724	2,731	3,463	385	1,361	5,209	1,755
1694	4	2,650	502	334	347	1,183	973	75	950	1,998	749
1695	4	7,283	1,458	1,036	900	3,394	806	271	2,758	3,835	2,057
1696	4	22,370	3,216	3,796	2,814	9,826	2,021	402	1,693	4,115	6,320
1697	4	4,981	780	903	571	2,254	1,742	396	1,073	3,211	1,407
1698	4	17,480	1,558	2,338	3,404	7,300	818	1,037	1,894	3,748	4,938
1699	4	9,924	1,453	1,701	1,187	4,341	369	1,259	686	2,314	2,804
1700	4	5,578	1,109	577	812	2,498	460	167	1,541	2,168	1,576
1701	4	11,330	2,374	1,342	1,604	5,319	796	299	2,482	3,578	3,201
1702	4	13,830	2,791	1,684	1,526	6,001	461	473	3,719	4,653	3,907
1703	4	3,913	842	718	274	1,835	324	174	649	1,146	1,105
1704	4	6,933	1,408	1,003	716	3,127	551	309	1,328	2,189	1,959
1705	4	14,911	2,278	2,112	2,037	6,428	2,287	1,514	2,099	5,900	4,212
1706	4	2,605	785	320	59	1,164	359	250	993	1,601	736
1707	4	3,217	1,028	415	78	1,520	245	186	697	1,128	909
1708	4	2,862	910	411	69	1,390	255	196	691	1,142	809
1709	4	15,720	4,442	2,269	948	7,658	2,937	1,460	4,510	8,907	4,441
1710	4	8,638	436	1,373	2,036	3,845	678	404	1,617	2,700	2,440
1711	4	4,585	1,636	256	256	2,148	615	266	771	1,652	1,295
1712	4	9,750	3,609	694	552	4,856	834	347	1,099	2,280	2,754
1801	5	20,492	4,728	3,474	1,925	10,127	2,936	1,789	706	5,431	5,789
1802	5	15,423	3,365	2,576	1,508	7,449	5,159	2,467	3,249	10,875	4,357
1803	5	18,733	4,299	3,182	1,782	9,263	2,205	1,765	425	4,395	5,292
1804	5	52,170	11,055	8,853	5,475	25,382	7,242	2,677	1,670	11,590	14,738
1805	5	33,530	5,619	6,007	3,487	15,113	2,335	2,328	3,871	8,535	9,472

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1806	5	18,873	4,003	3,449	1,788	9,241	3,006	937	1,261	5,204	5,332
1807	5	36,622	2,940	4,244	7,329	14,513	2,841	1,844	2,785	7,471	10,346
1808	5	24,740	5,589	3,974	2,940	12,503	7,175	6,743	10,009	23,927	6,989
1809	5	33,511	1,619	3,728	7,770	13,117	3,406	3,122	6,962	13,490	9,467
1810	5	57,427	17,627	10,553	4,057	32,237	15,512	11,225	6,619	33,356	16,223
1811	5	46,348	14,305	8,580	3,252	26,137	11,700	12,511	9,607	33,819	13,093
1812	5	39,595	9,792	4,671	5,245	19,708	7,138	6,085	5,700	18,922	11,186
1813	5	17,901	5,525	3,314	1,256	10,095	11,439	10,549	14,106	36,094	5,057
1814	5	29,212	9,016	5,408	2,050	16,474	7,210	5,666	1,399	14,275	8,252
1815	5	55,247	17,067	10,035	4,257	31,359	12,908	16,532	4,641	34,081	15,607
1816	5	18,663	5,663	3,275	1,515	10,453	5,071	6,197	2,043	13,312	5,272
1817	5	5,962	1,840	1,104	418	3,362	2,127	3,799	1,283	7,209	1,684
1818	5	38,332	11,792	7,019	2,782	21,592	10,211	8,643	2,321	21,175	10,829
1819	5	17,705	5,473	3,057	1,666	10,196	3,787	2,998	951	7,736	5,002
1820	5	12,725	3,928	2,356	893	7,176	4,294	6,026	2,162	12,482	3,595
1821	5	17,863	5,680	3,076	1,453	10,209	4,617	2,555	626	7,798	5,046
1822	5	10,781	2,809	1,711	835	5,355	1,092	1,330	662	3,084	3,046
1823	5	8,282	2,465	1,490	651	4,606	2,595	2,989	1,634	7,217	2,340
1824	5	16,816	4,435	2,703	1,330	8,468	1,522	1,315	707	3,544	4,750
1825	5	16,171	4,875	2,925	1,119	8,919	5,263	4,160	1,901	11,323	4,568
1826	5	4,461	1,377	826	313	2,516	2,229	2,493	1,379	6,101	1,260
1827	5	13,700	4,078	2,467	1,088	7,633	3,576	3,020	1,684	8,280	3,870
1828	5	8,302	2,562	1,537	583	4,682	3,458	2,710	1,503	7,671	2,345
1829	5	8,365	2,582	1,548	587	4,717	2,590	3,114	1,311	7,015	2,363
1830	5	27,705	7,100	4,177	2,796	14,073	2,976	3,129	1,804	7,908	7,827
1831	5	28,051	7,508	4,843	2,483	14,835	4,205	2,922	1,698	8,825	7,925
1832	5	8,912	2,751	1,650	625	5,026	1,607	1,558	1,000	4,165	2,518
1833	5	5,673	1,679	1,017	375	3,072	505	713	344	1,563	1,603
1834	5	4,905	1,514	908	344	2,766	977	631	346	1,953	1,386
1835	5	17,656	4,772	2,916	1,049	8,737	1,315	1,391	926	3,632	4,988
1836	5	58,425	17,831	10,772	4,188	32,791	14,301	10,671	3,142	28,114	16,505
1837	5	8,183	2,526	1,515	574	4,615	1,997	1,391	293	3,681	2,312
1838	5	32,210	9,941	5,963	2,260	18,164	11,352	7,795	2,726	21,873	9,099
1839	5	5,646	1,657	1,028	436	3,121	2,173	1,628	594	4,396	1,595
1840	5	3,997	458	382	884	1,724	327	94	174	595	1,129
1841	5	16,981	2,293	1,791	3,531	7,615	1,543	545	497	2,585	4,797
1842	5	6,839	2,217	848	368	3,433	2,018	149	1,460	3,628	1,932
1843	5	6,124	2,097	785	335	3,217	826	37	312	1,175	1,730
1844	5	2,610	672	209	331	1,212	113	78	137	328	737
1845	5	22,375	6,182	3,109	2,074	11,365	2,893	822	1,203	4,918	6,321
1846	5	5,682	1,958	499	506	2,963	3,212	784	1,066	5,063	1,605
1847	5	14,446	4,758	1,791	1,177	7,726	7,539	1,660	2,100	11,300	4,081
1848	5	14,122	4,416	2,220	1,042	7,678	4,494	1,163	914	6,570	3,990
1849	5	89,052	27,193	13,446	7,272	47,911	19,724	6,551	2,632	28,907	25,157
1850	5	66,104	20,578	10,151	5,512	36,242	16,039	26,745	4,340	47,124	18,674
1851	5	23,889	7,198	3,010	2,134	12,341	4,763	1,417	681	6,861	6,749
1852	5	39,220	11,282	5,948	3,348	20,577	7,792	4,117	1,178	13,087	11,080
1853	5	51,154	14,074	6,947	4,628	25,649	12,032	2,359	2,191	16,582	14,451
1854	5	12,551	3,245	1,402	1,258	5,904	2,372	429	687	3,487	3,546
1855	5	52,236	15,060	7,983	4,428	27,471	10,715	2,679	1,474	14,867	14,757
1856	5	18,522	4,956	2,227	1,840	9,023	2,960	635	927	4,521	5,233
1857	5	12,218	3,528	1,877	1,030	6,435	2,660	718	549	3,927	3,452
1858	5	7,179	1,745	638	787	3,170	937	202	400	1,539	2,028
1859	5	19,132	5,295	2,709	1,755	9,759	4,115	909	573	5,597	5,405
1860	5	8,541	1,916	601	1,082	3,598	864	170	525	1,558	2,413
1861	5	5,531	1,229	399	679	2,307	442	99	271	812	1,563
1862	5	19,464	5,100	2,278	2,080	9,458	3,545	977	1,065	5,588	5,499
1863	5	14,650	3,431	1,129	1,876	6,436	2,072	460	1,110	3,642	4,139
1864	5	7,093	1,819	721	850	3,389	665	250	257	1,172	2,004
1865	5	6,148	1,981	416	467	2,864	738	180	515	1,433	1,737
1866	5	25,476	8,797	2,072	2,071	12,940	3,772	773	1,893	6,439	7,197
1867	5	62,043	17,136	8,445	5,872	31,453	16,374	3,475	5,039	24,889	17,527
1868	5	39,198	10,251	4,901	3,676	18,828	6,809	1,790	1,883	10,482	11,073
1869	5	14,596	3,586	1,400	1,625	6,611	1,568	394	941	2,902	4,123
1870	5	14,380	4,120	2,217	1,211	7,548	3,158	833	610	4,601	4,062
1871	5	38,249	10,600	5,084	3,783	19,467	6,194	1,904	1,988	10,086	10,805
1872	5	15,720	3,982	1,608	1,746	7,336	1,774	455	910	3,140	4,441
1873	5	38,683	10,943	6,385	3,594	20,921	11,025	3,633	2,215	16,873	10,928
1874	5	29,595	7,761	4,409	3,283	15,453	10,833	3,819	3,224	17,876	8,360
1875	5	30,541	8,082	4,609	3,311	16,002	7,947	2,877	2,011	12,835	8,628
1876	5	7,770	2,096	860	866	3,822	524	300	632	1,455	2,195
1877	5	17,502	5,457	1,811	1,593	8,861	4,051	838	2,778	7,667	4,944
1878	5	27,536	6,053	3,577	3,226	12,856	2,053	1,256	1,654	4,963	7,779
1879	5	6,289	1,495	888	645	3,028	655	372	425	1,452	1,777
1880	5	57,660	16,768	9,000	2,112	27,880	5,259	1,782	2,417	9,457	16,289
1881	5	46,561	7,067	5,702	7,590	20,358	3,761	1,203	1,556	6,520	13,154

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1882	5	13,810	1,875	1,601	2,373	5,849	977	248	490	1,715	3,901
1883	5	22,654	4,332	3,102	3,044	10,479	3,202	950	773	4,925	6,400
1884	5	23,774	4,517	3,243	3,210	10,970	3,500	965	814	5,279	6,716
1885	5	23,255	4,878	3,363	2,898	11,139	3,210	1,574	766	5,550	6,570
1886	5	26,351	3,610	4,065	4,305	11,981	1,693	646	1,283	3,622	7,444
1887	5	2,75,376	80,984	50,700	20,982	1,52,667	38,293	1,065	5,199	44,558	77,794
1888	5	9,279	1,387	1,618	1,265	4,270	1,015	260	493	1,769	2,621
1889	5	32,810	8,394	3,468	3,253	15,115	2,366	933	3,345	6,644	9,269
1890	5	18,062	4,540	2,080	1,584	8,205	780	494	714	1,988	5,102
1891	5	37,348	12,554	1,013	3,913	17,481	3,365	761	3,641	7,766	10,551
1892	5	10,234	3,243	291	1,006	4,540	522	155	546	1,223	2,891
1893	5	13,804	3,390	2,014	1,554	6,957	2,736	1,022	1,026	4,784	3,900
1894	5	24,971	6,443	2,325	2,812	11,580	2,301	960	1,377	4,638	7,054
1895	5	21,116	4,260	2,128	3,177	9,565	2,649	1,164	1,031	4,844	5,965
1896	5	6,023	1,442	568	697	2,706	785	418	472	1,675	1,702
1897	5	6,160	1,344	369	849	2,561	316	162	385	864	1,740
1898	5	7,179	1,540	429	965	2,934	555	291	645	1,491	2,028
1899	5	19,185	5,876	1,972	1,867	9,715	2,423	833	1,015	4,270	5,420
1900	5	5,982	1,875	422	667	2,964	513	250	406	1,168	1,690
1901	5	14,804	4,622	1,475	1,495	7,591	1,757	895	822	3,473	4,182
1902	5	27,679	4,132	5,925	2,933	12,990	1,792	980	1,133	3,905	7,819
1903	5	10,145	2,815	581	1,457	4,853	986	420	574	1,981	2,866
1904	5	11,838	2,947	571	1,554	5,071	828	249	535	1,612	3,344
1905	5	12,897	3,787	1,452	1,466	6,705	2,044	1,182	605	3,831	3,643
1906	5	10,920	2,888	629	1,471	4,987	1,289	288	587	2,163	3,085
1907	5	12,474	3,353	354	1,985	5,693	1,069	271	829	2,169	3,524
1908	5	8,564	2,317	201	1,404	3,922	783	194	613	1,591	2,419
1909	5	7,080	1,754	225	1,009	2,988	971	237	708	1,916	2,000
1910	5	4,945	1,358	147	801	2,307	562	137	417	1,116	1,397
1911	5	6,972	1,720	253	966	2,939	868	219	627	1,714	1,970
1912	5	5,673	1,462	150	869	2,480	507	122	389	1,017	1,603
1913	5	22,903	6,487	2,419	2,561	11,467	3,690	1,658	1,108	6,456	6,470
1914	5	2,847	805	171	413	1,389	246	82	162	489	804
1915	5	4,436	1,223	109	739	2,071	392	87	305	785	1,253
1916	5	9,601	2,617	355	1,491	4,463	970	249	662	1,880	2,712
1917	5	10,368	2,650	271	1,576	4,497	1,092	263	833	2,188	2,929
1918	5	9,524	2,440	194	1,492	4,126	814	188	651	1,653	2,691
1919	5	10,430	2,655	206	1,627	4,488	968	221	768	1,956	2,947
1920	5	13,435	3,529	237	2,190	5,956	471	101	466	1,038	3,795
1921	5	26,279	6,647	3,482	3,087	13,216	3,586	1,281	1,727	6,595	7,424
1922	5	16,033	3,877	2,052	1,733	7,662	1,470	478	661	2,609	4,529
1923	5	8,630	2,217	1,153	1,057	4,426	1,150	456	658	2,264	2,438
1924	5	19,764	5,609	2,886	1,916	10,411	8,454	6,480	9,737	24,671	5,583
1925	5	5,900	1,419	489	808	2,715	440	301	569	1,310	1,667
1926	5	31,409	8,366	3,415	4,048	15,829	3,422	2,173	1,848	7,443	8,873
1927	5	6,175	1,461	476	868	2,806	444	330	607	1,382	1,744
1928	5	2,750	749	391	249	1,389	2,512	2,135	3,739	8,385	777
1929	5	2,220	518	160	319	998	160	108	227	496	627
1930	5	1,329	381	197	114	692	3,763	603	1,765	6,131	375
1931	5	1,959	532	192	229	952	2,845	458	1,345	4,648	554
1932	5	2,839	816	382	277	1,475	5,582	936	2,616	9,133	802
1933	5	2,705	791	401	242	1,434	5,346	884	2,496	8,726	764
1934	5	11,028	3,344	1,887	862	6,093	3,578	1,394	863	5,834	3,115
1935	5	15,655	2,182	1,514	3,279	6,975	2,527	1,238	2,077	5,843	4,422
1936	5	33,156	8,036	4,683	2,873	15,592	5,195	3,714	4,543	13,453	9,366
1937	5	25,570	5,841	2,089	3,541	11,471	1,812	811	2,512	5,134	7,223
1938	5	23,874	5,893	3,261	1,800	10,954	2,922	613	4,499	8,034	6,744
1939	5	12,078	2,614	1,444	1,400	5,458	1,387	613	1,368	3,368	3,412
1940	5	18,087	5,985	2,353	1,545	9,883	2,234	1,078	513	3,825	5,110
1941	5	15,594	4,868	1,763	1,280	7,910	2,162	524	984	3,670	4,405
1942	5	74,491	23,259	8,656	6,247	38,162	12,413	3,623	6,417	22,452	21,044
1943	5	4,591	1,189	624	257	2,070	236	366	344	947	1,297
1944	5	3,736	870	397	392	1,658	167	83	499	750	1,055
1945	5	9,798	2,416	1,423	817	4,655	1,602	965	1,209	3,777	2,768
1946	5	4,426	1,049	483	561	2,093	538	55	398	991	1,250
1947	5	8,053	2,243	568	1,059	3,870	1,601	323	808	2,732	2,275
1948	5	5,690	1,574	671	533	2,778	897	226	1,327	2,451	1,607
1949	5	3,179	1,091	449	148	1,688	661	58	554	1,273	898
1950	5	4,798	1,198	411	628	2,237	175	45	243	463	1,355
1951	5	3,715	1,098	570	128	1,796	211	20	120	352	1,050
1952	5	5,029	1,231	455	608	2,294	442	97	452	991	1,421
1953	5	4,614	1,443	461	317	2,221	470	215	518	1,202	1,304
1954	5	3,796	1,186	402	261	1,850	380	180	400	960	1,072
1955	5	3,551	1,077	224	363	1,664	454	131	385	970	1,003
1956	5	6,096	1,865	696	347	2,909	545	288	949	1,782	1,722
1957	5	9,707	3,011	1,087	747	4,845	2,690	2,716	1,391	6,797	2,742

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1958	5	12,057	3,821	1,677	780	6,278	8,811	1,736	3,650	14,196	3,406
1959	5	6,897	1,657	974	662	3,293	2,676	1,712	3,832	8,220	1,948
1960	5	11,062	2,728	1,602	1,128	5,457	2,088	1,333	2,799	6,221	3,125
2011	14	41,699	6,060	7,185	331	13,577	3,525	7,061	2,749	13,334	11,780
2012	14	21,570	1,276	4,457	581	6,313	1,464	2,164	2,092	5,720	6,094
2013	14	19,944	1,923	3,824	373	6,120	1,037	2,746	1,715	5,499	5,634
2014	14	42,562	4,443	8,026	721	13,191	3,540	8,231	3,902	15,672	12,024
2015	14	14,205	1,092	2,835	327	4,253	1,042	1,615	1,351	4,007	4,013
2016	14	8,362	343	1,788	258	2,389	524	723	868	2,115	2,362
2017	14	6,073	286	1,283	179	1,749	367	696	659	1,722	1,715
2018	14	8,979	352	1,926	281	2,559	557	913	1,003	2,473	2,537
2019	14	14,372	936	2,935	368	4,239	1,060	1,664	1,436	4,161	4,060
2020	14	5,477	191	1,184	176	1,552	315	458	581	1,354	1,547
2021	14	15,784	1,194	3,157	367	4,719	1,241	2,103	1,529	4,873	4,459
2022	14	11,995	728	2,470	319	3,517	851	1,548	1,239	3,639	3,388
2023	14	27,442	18,589	17,664	258	36,510	48,476	3,821	4,024	56,321	7,752
2024	14	19,556	6,798	8,604	466	15,868	17,525	2,641	2,668	22,834	5,525
2025	14	8,021	721	1,559	162	2,441	523	1,471	737	2,731	2,266
2026	14	13,862	1,682	2,521	183	4,386	1,093	3,270	1,112	5,475	3,916
2027	14	28,652	4,121	4,954	237	9,312	2,572	7,064	2,030	11,666	8,094
2028	14	10,378	2,183	1,149	741	4,074	268	3,424	608	4,299	2,932
2029	14	23,440	4,559	3,185	797	8,540	1,640	6,057	1,341	9,037	6,622
2030	14	15,499	2,793	2,456	4	5,253	1,138	8,299	1,434	10,871	4,379
2031	14	13,638	2,457	2,160	5	4,622	1,034	6,343	1,121	8,498	3,853
2032	14	7,581	1,459	1,283	2	2,745	409	5,226	727	6,361	2,142
2033	14	30,481	5,785	4,368	698	10,851	2,520	9,774	2,018	14,313	8,611
2034	14	12,741	2,498	1,699	481	4,678	1,047	2,777	734	4,558	3,599
2035	14	25,081	5,145	3,228	1,249	9,622	860	12,666	1,809	15,335	7,085
2036	14	18,911	3,891	2,234	1,143	7,268	666	6,616	1,394	8,676	5,342
2037	14	40,274	7,890	5,381	1,505	14,776	1,890	18,300	2,810	23,000	11,377
2038	14	15,871	3,670	1,453	1,575	6,698	523	1,345	2,052	3,920	4,483
2039	14	24,403	5,311	2,564	1,871	9,746	778	3,899	1,810	6,486	6,894
2040	14	18,115	3,936	1,990	1,307	7,234	1,103	2,144	2,222	5,470	5,118
2041	14	7,792	1,499	1,109	188	2,796	249	3,751	596	4,596	2,201
2042	14	25,527	5,872	2,379	2,472	10,722	1,098	2,409	3,753	7,260	7,211
2043	14	15,808	3,241	1,990	766	5,997	1,022	3,677	2,650	7,350	4,466
2044	14	19,910	3,709	2,995	242	6,946	2,093	4,182	1,297	7,573	5,625
2045	14	20,039	4,664	1,797	2,045	8,506	666	1,811	2,789	5,266	5,661
2046	14	19,306	4,299	1,985	1,595	7,878	666	1,566	1,897	4,129	5,454
2047	14	7,525	1,365	1,180	20	2,565	448	2,062	708	3,218	2,126
2048	14	23,794	5,490	2,151	2,376	10,017	787	2,432	3,305	6,524	6,722
2049	14	38,539	8,796	3,682	3,599	16,076	1,785	3,716	5,511	11,012	10,887
2050	14	5,818	1,103	895	68	2,066	553	2,055	1,267	3,875	1,644
2051	14	24,324	5,324	2,621	1,831	9,776	888	2,650	3,026	6,563	6,872
2052	14	16,372	3,693	1,620	1,445	6,758	666	1,779	2,378	4,823	4,625
2053	14	4,486	809	710	3	1,521	440	1,632	936	3,008	1,267
2054	14	19,637	4,166	2,289	1,223	7,678	1,214	3,068	2,184	6,466	5,547
2055	14	10,697	2,334	1,163	791	4,287	518	1,568	1,305	3,391	3,022
2056	14	4,086	740	641	10	1,391	520	1,341	930	2,792	1,154
2057	14	72,760	14,138	10,585	1,657	26,380	4,571	33,330	5,343	43,244	20,555
2058	14	19,522	2,477	2,816	1,454	6,746	1,524	4,344	1,845	7,713	5,515
2059	14	21,625	3,037	3,197	1,202	7,435	1,680	5,605	1,742	9,026	6,109
2060	14	29,778	6,577	3,718	1,087	11,382	3,257	6,290	2,204	11,752	8,412
2061	14	41,934	10,747	4,019	2,848	17,613	5,419	4,776	3,719	13,914	11,846
2062	14	25,734	6,343	2,662	1,530	10,535	2,887	4,221	2,196	9,304	7,270
2063	14	32,039	6,141	4,354	1,216	11,711	2,994	10,524	2,937	16,456	9,051
2064	14	36,769	7,463	4,181	2,757	14,402	3,070	4,711	4,227	12,009	10,387
2065	14	9,785	1,568	233	2,631	4,431	410	222	2,016	2,647	2,764
2066	14	2,605	424	102	621	1,147	128	175	494	796	736
2067	14	16,929	4,047	1,524	1,586	7,158	888	1,257	2,812	4,957	4,783
2068	14	7,638	1,560	571	1,121	3,252	306	546	1,325	2,177	2,158
2069	14	9,999	2,012	765	1,405	4,182	379	1,388	1,711	3,478	2,825
2070	14	5,427	1,078	501	626	2,205	197	1,061	818	2,076	1,533
2071	14	8,259	1,664	636	1,157	3,457	312	1,134	1,410	2,855	2,333
2072	14	5,928	1,177	471	789	2,438	226	1,121	990	2,337	1,675
2073	14	5,317	1,013	680	279	1,972	371	1,060	569	2,000	1,502
2074	14	28,846	5,870	2,328	3,745	11,942	1,274	3,975	5,401	10,650	8,149
2075	14	9,247	2,162	1,009	448	3,619	523	2,462	631	3,615	2,612
2076	14	13,869	2,633	2,075	124	4,832	1,493	2,631	754	4,878	3,918
2077	14	14,072	4,412	624	1,630	6,666	1,042	1,375	1,154	3,571	3,975
2078	14	8,557	2,283	684	663	3,631	642	1,769	646	3,057	2,417
2079	14	33,919	8,213	2,992	2,978	14,182	1,655	7,116	2,851	11,622	9,582
2080	14	8,602	1,403	1,041	755	3,199	949	3,050	533	4,533	2,430
2081	14	9,173	1,495	1,106	818	3,419	709	2,722	517	3,948	2,591
2082	14	5,375	969	852	2	1,822	629	1,294	293	2,217	1,519
2083	14	3,419	501	289	592	1,383	221	443	165	829	966

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2084	14	100	18	16	0	34	3	50	6	60	28
2085	14	5	1	1	0	2	0	3	0	3	2
2086	14	5,472	906	692	410	2,009	461	1,968	328	2,758	1,546
2087	14	10,584	1,848	1,548	305	3,701	1,101	2,364	565	4,030	2,990
2088	14	11,481	1,936	1,529	682	4,147	1,026	3,419	653	5,098	3,243
2089	14	4,173	668	475	437	1,580	294	983	221	1,499	1,179
2090	14	8,953	1,556	1,292	300	3,148	900	4,257	594	5,751	2,529
2091	14	8,781	1,467	1,137	598	3,201	841	2,813	516	4,170	2,481
2092	14	2,363	381	277	227	886	111	687	129	927	668
2093	14	2,512	432	354	104	890	255	642	138	1,035	710
2094	14	4,526	750	574	335	1,660	361	1,147	245	1,753	1,279
2095	14	17,760	3,200	2,814	5	6,019	2,002	4,535	978	7,515	5,017
2131	8	16,776	1,774	1,385	709	3,868	1,494	1,332	2,429	5,255	4,739
2132	8	6,846	1,305	1,020	522	2,847	686	920	1,269	2,875	1,934
2133	8	16,084	1,764	1,373	704	3,840	1,702	1,654	2,587	5,942	4,544
2134	8	6,715	657	517	264	1,439	581	571	945	2,098	1,897
2135	8	16,337	1,420	1,129	577	3,125	1,493	1,385	2,330	5,208	4,615
2141	8	37,077	734	1,132	752	2,618	7,829	6,740	4,265	18,834	10,474
2142	8	1,49,039	2,981	4,873	3,346	11,200	17,217	16,539	15,968	49,724	42,104
2143	8	4,822	1,388	2,157	1,439	4,984	2,259	5,414	1,177	8,850	1,362
2144	8	13,649	6,096	8,547	5,341	19,984	9,612	35,195	4,621	49,428	3,856
2145	8	669	729	861	469	2,059	9,384	3,897	799	14,080	189
2146	8	1,21,042	2,346	2,703	1,612	6,661	23,260	16,728	13,046	53,034	34,194
2147	8	36,997	720	958	757	2,435	2,872	2,962	3,718	9,552	10,452
2148	8	5,409	4,920	5,772	3,591	14,283	1,703	14,854	1,635	18,192	1,528
2149	8	14,087	6,762	8,246	5,578	20,586	24,161	24,401	4,308	52,870	3,980
2150	8	9,773	5,892	6,382	4,208	16,482	3,961	17,017	2,339	23,317	2,761
2151	8	27,363	776	853	872	2,501	3,565	1,170	2,863	7,597	7,730
2152	8	25,902	798	879	966	2,643	2,125	1,967	2,747	6,840	7,317
2153	8	2,636	1,310	1,421	978	3,709	974	3,576	574	5,124	745
2154	8	60,328	1,279	1,385	899	3,563	5,718	5,553	6,079	17,350	17,043
2155	8	213	245	264	131	640	53	467	47	567	60
2156	8	6,565	3,187	3,465	2,603	9,255	768	9,396	1,532	11,696	1,855
2157	8	8,103	3,616	3,933	3,009	10,558	791	14,352	2,013	17,155	2,289
2158	8	3,685	4,097	4,427	2,657	11,181	370	11,192	1,157	12,719	1,041
2159	8	14,666	3,428	3,734	2,983	10,146	15,127	18,031	3,362	36,521	4,143
2160	8	10,550	4,920	5,340	3,778	14,039	3,524	21,117	2,499	27,140	2,980
2161	8	4,920	3,456	3,743	2,445	9,643	266	20,759	1,721	22,747	1,390
2162	8	25,898	8,589	9,275	5,392	23,257	14,648	39,213	5,386	59,246	7,316
2163	8	8,373	3,062	3,303	1,839	8,204	2,033	9,954	1,463	13,450	2,365
2164	8	6,197	2,791	3,013	1,734	7,539	9,971	19,230	2,160	31,360	1,751
2165	8	6,260	1,939	2,378	995	5,312	6,391	9,221	1,519	17,131	1,768
2166	8	17,552	5,435	6,658	2,788	14,880	16,636	15,976	3,671	36,283	4,958
2167	8	10,468	1,513	1,878	773	4,163	15,419	8,749	2,329	26,497	2,957
2168	8	10,335	5,039	6,123	2,591	13,754	4,455	16,465	2,355	23,275	2,920
2169	8	65,926	2,129	2,568	2,688	7,385	4,930	9,136	7,134	21,199	18,624
2170	8	40,009	951	1,081	829	2,861	2,871	4,764	4,266	11,901	11,303
2171	8	15,242	845	1,096	1,500	3,441	543	1,354	1,679	3,576	4,306
2172	8	12,626	885	1,169	1,688	3,742	560	1,851	1,648	4,058	3,567
2173	8	6,345	1,188	1,829	1,778	4,794	423	5,290	1,109	6,822	1,792
2174	8	4,334	226	517	690	1,433	219	519	510	1,248	1,224
2201	6	65,650	13,933	9,596	3,944	27,473	4,665	11,423	292	16,380	18,546
2202	6	30,215	5,955	6,110	1,292	13,357	3,340	10,016	98	13,454	8,536
2203	6	54,555	8,743	10,900	3,405	23,048	5,748	12,945	636	19,330	15,412
2204	6	18,227	3,836	3,822	532	8,190	2,964	4,886	173	8,023	5,149
2205	6	20,289	4,109	3,437	1,054	8,600	1,260	6,879	316	8,456	5,732
2206	6	45,335	8,877	8,768	2,123	19,768	4,777	12,632	669	18,078	12,807
2207	6	38,113	8,283	4,966	2,560	15,808	4,307	4,811	387	9,505	10,767
2208	6	49,229	10,687	5,928	3,555	20,170	5,208	4,972	531	10,711	13,907
2209	6	33,377	7,241	3,839	2,503	13,583	3,535	2,901	380	6,816	9,429
2210	6	13,410	2,579	1,811	1,062	5,452	546	2,116	498	3,159	3,788
2211	6	10,403	1,995	1,376	842	4,213	421	1,100	395	1,916	2,939
2212	6	14,832	2,146	1,317	2,519	5,982	2,749	2,585	56	5,389	4,190
2213	6	16,843	3,009	2,430	1,284	6,723	1,451	198	675	2,324	4,758
2214	6	6,968	1,268	1,071	489	2,828	587	771	257	1,615	1,969
2215	6	13,964	2,637	2,410	807	5,854	1,325	3,326	424	5,075	3,945
2216	6	13,360	2,965	2,156	506	5,628	801	2,585	607	3,993	3,774
2217	6	11,052	2,452	1,846	395	4,694	757	2,359	474	3,589	3,122
2218	6	22,892	4,712	3,791	1,142	9,645	1,621	2,834	659	5,114	6,467
2219	6	20,734	3,555	2,540	2,109	8,203	661	1,471	832	2,964	5,857
2220	6	17,459	2,987	2,120	1,789	6,897	496	1,227	706	2,429	4,932
2221	6	37,340	6,276	4,098	4,332	14,706	3,333	2,208	823	6,365	10,548
2222	6	9,909	1,659	1,069	1,164	3,892	905	603	221	1,729	2,799
2223	6	21,484	3,586	2,287	2,547	8,420	1,918	1,230	484	3,632	6,069
2224	6	26,163	6,149	814	3,470	10,434	689	831	1,479	2,999	7,391
2225	6	37,132	9,464	5,933	124	15,521	2,416	2,399	1,185	6,000	10,490

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2226	6	12,782	3,245	2,081	41	5,367	866	868	396	2,130	3,611
2227	6	53,877	10,520	9,011	3,432	22,963	5,509	14,956	982	21,447	15,220
2228	6	37,186	6,997	4,413	3,386	14,797	1,276	1,752	1,756	4,785	10,505
2229	6	22,888	4,183	2,769	2,174	9,127	1,097	652	1,168	2,917	6,466
2230	6	27,813	332	1,247	8,217	9,796	841	1,885	1,111	3,837	7,857
2231	6	25,591	302	1,143	7,564	9,010	769	1,744	1,023	3,536	7,229
2232	6	20,726	3,751	2,957	1,701	8,409	1,722	1,125	503	3,350	5,855
2233	6	17,425	3,859	3,054	650	7,563	1,722	1,636	482	3,840	4,922
2234	6	80,937	14,071	9,695	8,810	32,576	7,384	8,061	1,758	17,203	22,865
2235	6	65,063	15,735	12,076	8,291	36,102	5,024	9,063	2,283	16,370	18,380
2236	6	28,230	6,741	3,389	1,603	11,733	2,088	2,654	792	5,535	7,975
2237	6	31,472	7,571	3,340	1,963	12,875	1,933	2,220	993	5,145	8,891
2238	6	30,011	3,701	5,384	2,922	12,007	1,615	3,199	776	5,590	8,478
2239	6	38,322	6,560	4,777	3,974	15,311	2,313	1,259	1,715	5,286	10,826
2240	6	20,874	3,566	2,583	2,179	8,328	1,172	902	940	3,015	5,897
2241	6	15,218	1,660	2,955	1,657	6,272	1,480	1,387	506	3,374	4,299
2242	6	6,848	1,430	520	769	2,720	481	164	290	935	1,934
2243	6	6,902	1,456	753	637	2,846	559	1,036	240	1,836	1,950
2244	6	6,108	1,276	465	686	2,427	424	131	259	814	1,726
2245	6	16,000	1,862	2,181	2,134	6,177	478	892	791	2,161	4,520
2246	6	12,989	2,316	1,648	1,284	5,248	884	919	558	2,362	3,669
2247	6	19,678	3,491	2,438	1,988	7,917	1,446	937	864	3,247	5,559
2248	6	11,482	1,984	1,255	1,283	4,523	609	261	558	1,428	3,244
2249	6	11,919	2,149	1,587	1,123	4,859	1,037	687	488	2,212	3,367
2250	6	15,575	2,563	2,110	1,711	6,384	1,390	2,785	518	4,692	4,400
2251	6	9,594	1,723	1,625	770	4,118	1,146	2,253	233	3,632	2,710
2252	6	24,435	20,841	23,190	1,888	45,919	20,920	13,307	255	34,481	6,903
2253	6	15,816	8,739	9,058	1,633	19,430	7,476	3,397	226	11,099	4,468
2254	6	12,596	6,815	7,036	1,308	15,159	5,685	2,715	153	8,553	3,558
2255	6	15,076	2,516	2,644	1,293	6,453	2,854	1,336	90	4,281	4,259
2256	6	11,969	2,159	2,357	769	5,285	1,856	3,233	54	5,142	3,381
2257	6	14,518	12,080	13,241	1,344	26,665	11,515	6,915	377	18,807	4,101
2258	6	28,862	6,971	11,421	5,852	24,244	6,689	7,688	667	15,044	8,154
2259	6	25,274	796	3,637	4,982	9,415	2,044	1,751	591	4,386	7,140
2260	6	16,380	2,942	2,150	1,682	6,773	1,522	1,495	675	3,691	4,627
2261	6	19,215	4,244	3,702	495	8,440	2,930	3,375	505	6,809	5,428
2262	6	42,237	7,381	4,692	4,611	16,684	3,608	1,743	1,349	6,700	11,932
2263	6	16,478	6,146	660	303	7,110	1,246	1,039	513	2,797	4,655
2264	6	19,122	7,271	565	369	8,205	1,314	1,059	623	2,996	5,402
2265	6	6,127	2,315	202	116	2,634	429	362	197	988	1,731
2266	6	18,207	1,096	4,525	1,649	7,270	2,046	1,748	501	4,295	5,144
2267	6	30,316	6,488	4,751	1,322	12,561	2,214	1,194	1,476	4,885	8,564
2268	6	18,356	3,915	2,655	893	7,463	919	254	997	2,170	5,186
2269	6	29,806	5,000	4,922	2,027	11,949	1,566	1,019	1,407	3,992	8,420
2270	6	19,423	3,347	3,344	1,462	8,152	3,790	2,077	87	5,954	5,487
2271	6	14,012	2,055	1,933	1,489	5,477	777	468	611	1,856	3,958
2272	6	16,421	2,409	2,267	1,743	6,419	911	552	716	2,179	4,639
2273	6	8,533	1,346	1,336	771	3,453	744	552	316	1,612	2,411
2274	6	14,324	3,037	3,280	329	6,646	2,284	7,461	244	9,990	4,046
2275	6	20,590	3,921	3,053	1,656	8,630	1,049	3,648	91	4,788	5,817
2276	6	4,254	854	794	226	1,874	301	1,751	48	2,100	1,202
2277	6	42,193	14,091	3,314	786	18,192	1,145	8,264	176	9,586	11,919
2278	6	18,299	4,965	3,286	153	8,404	2,150	5,449	42	7,641	5,169
2279	6	5,914	1,335	1,495	5	2,836	1,023	3,809	38	4,869	1,671
2280	6	7,275	1,949	1,346	57	3,352	783	2,973	27	3,783	2,055
2281	6	14,856	2,045	1,293	2,358	5,696	103	2,490	133	2,725	4,197
2282	6	13,981	1,959	1,289	2,153	5,402	125	2,337	121	2,582	3,950
2283	6	11,825	3,632	488	782	4,903	139	1,971	105	2,215	3,341
2284	6	15,807	4,869	618	1,056	6,543	147	2,621	142	2,909	4,466
2285	6	15,325	3,449	1,596	1,207	6,252	850	639	754	2,243	4,329
2286	6	7,558	1,703	703	638	3,044	290	207	398	896	2,135
2287	6	11,576	2,502	1,100	1,065	4,668	116	1,874	132	2,122	3,270
2288	6	7,090	1,532	651	665	2,848	63	1,145	83	1,290	2,003
2289	6	11,811	2,298	1,560	940	4,797	641	861	370	1,872	3,337
2290	6	21,910	6,035	437	2,406	8,879	931	1,236	889	3,056	6,190
2291	6	13,970	2,417	1,455	1,620	5,492	625	631	597	1,854	3,947
2292	6	11,510	2,018	1,288	1,269	4,574	533	591	468	1,591	3,252
2293	6	15,904	3,132	2,140	1,143	6,416	363	2,175	248	2,786	4,493
2401	6	31,740	4,483	2,587	5,625	12,696	993	1,384	1,327	3,704	8,967
2402	6	11,044	2,068	1,629	922	4,619	879	3,164	443	4,486	3,120
2403	6	29,477	4,820	6,474	1,582	12,876	2,215	16,556	194	18,965	8,327
2404	6	27,900	2,806	3,471	4,397	10,674	557	1,368	1,166	3,090	7,882
2405	6	12,893	2,059	1,640	1,364	5,063	1,144	1,937	2,227	5,307	3,642
2406	6	17,011	2,944	2,314	2,002	7,260	419	689	787	1,896	4,806
2407	6	18,168	4,291	380	3,334	8,006	610	626	895	2,131	5,133
2408	6	13,402	3,068	278	2,380	5,726	658	674	994	2,326	3,786

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2409	6	21,821	2,089	2,513	3,833	8,435	3,139	4,075	1,797	9,010	6,164
2410	6	22,407	2,747	4,966	1,416	9,129	1,199	2,339	1,380	4,919	6,330
2411	6	26,998	3,449	4,050	3,171	10,670	576	1,553	398	2,528	7,627
2412	6	12,821	1,161	2,385	1,843	5,388	531	1,918	610	3,060	3,622
2413	6	10,748	921	1,979	1,620	4,519	1,409	5,697	1,947	9,053	3,036
2414	6	19,228	3,543	3,530	1,153	8,226	1,439	3,159	3,130	7,728	5,432
2415	6	15,821	2,997	2,990	967	6,954	2,070	4,658	4,652	11,381	4,469
2416	6	12,122	320	1,983	2,493	4,796	1,486	2,849	1,020	5,354	3,425
2417	6	7,515	236	1,174	1,390	2,799	2,086	4,049	1,459	7,595	2,123
2418	6	14,981	851	1,853	3,204	5,909	638	907	770	2,315	4,232
2419	6	7,381	416	926	1,643	2,986	539	751	689	1,979	2,085
2420	6	11,069	1,084	1,693	1,429	4,206	371	1,448	435	2,254	3,127
2421	6	10,175	960	1,519	1,332	3,811	255	968	302	1,525	2,874
2422	6	15,748	712	2,957	2,405	6,073	1,137	1,377	392	2,906	4,449
2423	6	18,676	3,845	2,060	1,864	7,769	801	1,437	744	2,981	5,276
2424	6	8,075	1,626	874	786	3,287	333	579	304	1,215	2,281
2425	6	20,387	1,967	2,128	3,713	7,808	1,373	2,000	911	4,283	5,759
2426	6	9,435	1,579	926	1,277	3,782	1,108	1,314	558	2,979	2,666
2427	6	3,426	543	275	497	1,314	576	732	405	1,713	968
2428	6	13,077	2,786	1,137	1,683	5,605	2,235	3,839	1,366	7,441	3,694
2429	6	18,376	3,986	943	2,940	7,868	1,229	2,815	977	5,020	5,191
2430	6	12,508	475	629	3,333	4,438	691	732	377	1,800	3,533
2431	6	7,031	288	377	1,838	2,504	693	729	381	1,803	1,986
2432	6	20,809	3,733	666	3,498	7,897	1,047	1,375	1,711	4,133	5,879
2433	6	9,270	305	2,203	1,117	3,625	3,852	5,270	5,173	14,295	2,619
2434	6	4,018	150	922	452	1,524	780	1,064	1,024	2,869	1,135
2435	6	6,533	478	1,007	1,079	2,564	3,232	3,310	2,334	8,876	1,845
2436	6	26,628	5,713	1,651	3,495	10,859	4,668	3,111	1,899	9,677	7,523
2437	6	17,168	3,311	1,188	2,623	7,122	898	1,823	1,467	4,187	4,850
2438	6	9,574	1,826	729	1,376	3,931	686	1,209	924	2,819	2,705
2501	6	11,030	1,730	2,019	700	4,449	1,358	1,474	36	2,867	3,116
2502	6	12,070	2,091	2,453	540	5,084	2,102	1,905	28	4,035	3,410
2503	6	14,303	1,599	2,385	1,503	5,487	1,054	1,438	202	2,694	4,041
2504	6	157	13	34	17	65	5	56	8	68	44
2505	6	14,645	2,974	3,006	594	6,573	2,017	6,206	40	8,263	4,137
2506	6	37,736	8,087	8,916	763	17,766	10,079	34,352	457	44,889	10,660
2507	6	23,191	5,044	5,761	245	11,049	7,657	27,796	430	35,883	6,551
2508	6	16,559	2,456	2,287	2,323	7,066	1,636	2,989	609	5,234	4,678
2509	6	7,663	1,351	1,469	489	3,309	1,157	3,887	239	5,283	2,165
2510	6	10,331	1,675	1,408	1,090	4,173	1,209	1,467	220	2,897	2,919
2511	6	8,857	1,416	1,131	1,035	3,582	1,140	1,462	276	2,877	2,502
2512	6	10,441	1,585	1,245	1,195	4,024	824	1,009	192	2,024	2,950
2513	6	26,535	4,202	3,541	2,715	10,458	3,036	3,450	542	7,027	7,496
2514	6	11,573	2,130	2,362	241	4,733	2,935	3,571	738	7,244	3,269
2515	6	12,722	2,601	2,947	199	5,747	3,060	5,376	617	9,053	3,594
2516	6	7,638	654	1,505	746	2,905	543	3,417	63	4,024	2,158
2517	6	6,256	1,004	1,474	291	2,769	1,146	4,123	66	5,335	1,767
2518	6	6,041	981	1,430	273	2,684	863	4,756	74	5,693	1,707
2519	6	6,656	950	1,496	379	2,825	699	4,368	53	5,119	1,880
2520	6	13,820	984	2,345	1,483	4,813	193	991	84	1,268	3,904
2521	6	14,556	1,064	2,448	1,493	5,005	397	2,345	191	2,933	4,112
2522	6	21,643	1,889	3,381	2,505	7,774	417	1,404	248	2,068	6,114
2523	6	19,699	1,844	3,132	2,075	7,051	896	1,900	317	3,113	5,565
2524	6	16,428	1,485	3,100	1,721	6,306	1,420	1,785	89	3,294	4,641
2525	6	9,135	648	1,708	1,207	3,563	949	1,370	118	2,437	2,581
2526	6	6,764	884	1,659	366	2,909	1,281	1,604	77	2,962	1,911
2527	6	27,651	1,414	6,142	2,672	10,228	2,084	3,036	198	5,318	7,811
2528	6	15,774	1,665	2,584	1,878	6,127	184	1,499	103	1,786	4,456
2529	6	25,109	2,789	4,193	2,726	9,709	764	2,895	170	3,829	7,093
2530	6	15,509	186	3,430	1,888	5,504	4,169	861	71	5,100	4,381
2531	6	9,396	534	2,717	460	3,711	706	1,445	8	2,159	2,655
2601	6	12,958	2,136	1,199	1,782	5,117	1,507	1,490	309	3,306	3,661
2602	6	12,822	2,238	1,562	1,456	5,257	1,761	1,798	253	3,812	3,622
2603	6	11,461	2,077	1,629	1,112	4,819	1,743	1,790	193	3,726	3,238
2604	6	15,808	2,626	1,523	2,124	6,273	1,861	1,553	369	3,783	4,466
2605	6	23,636	3,858	2,070	3,344	9,272	2,641	2,380	580	5,601	6,677
2606	6	9,941	2,307	733	981	4,022	663	608	534	1,805	2,808
2607	6	19,240	4,391	2,634	1,259	8,285	2,486	2,419	685	5,590	5,435
2608	6	14,109	3,261	1,248	1,283	5,793	1,072	925	698	2,694	3,986
2609	6	12,421	1,834	1,228	1,948	5,011	916	1,738	482	3,136	3,509
2610	6	8,125	1,120	625	1,446	3,192	540	1,223	358	2,122	2,295
2611	6	9,347	1,254	643	1,738	3,635	581	1,054	430	2,065	2,640
2612	6	3,579	497	283	630	1,409	249	618	156	1,024	1,011
2613	6	9,100	1,763	1,325	674	3,762	701	1,784	142	2,627	2,571
2614	6	5,415	1,017	649	490	2,156	186	891	102	1,178	1,530
2615	6	15,094	2,841	1,840	1,347	6,028	528	2,660	280	3,467	4,264

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2616	6	7,617	1,472	1,096	573	3,141	551	1,520	119	2,189	2,152
2617	6	36,655	6,938	2,667	4,823	14,429	1,118	5,471	1,058	7,647	10,355
2618	6	15,370	2,928	1,230	1,944	6,103	579	2,447	424	3,450	4,342
2619	6	2,752	520	193	367	1,080	73	393	80	546	777
2620	6	43,641	10,158	8,127	644	18,930	2,935	17,643	1,198	21,776	12,329
2701	10	15,429	2,103	3,334	1,165	6,601	1,099	2,733	2,208	6,040	4,359
2702	10	9,175	1,254	1,982	689	3,925	652	1,623	1,307	3,583	2,592
2703	10	15,225	741	3,565	1,611	5,917	489	7,006	779	8,274	4,301
2704	10	13,272	526	3,131	1,481	5,138	330	4,473	536	5,340	3,749
2705	10	31,280	2,615	3,233	5,821	11,670	1,303	13,740	966	16,009	8,837
2706	10	21,582	720	1,406	5,564	7,690	615	7,756	832	9,203	6,097
2707	10	39,211	5,558	10,394	1,008	16,959	1,614	9,855	6,057	17,526	11,077
2708	10	33,399	4,340	9,194	999	14,532	869	6,255	4,545	11,670	9,435
2709	10	22,288	301	7,387	1,191	8,880	1,354	7,034	792	9,180	6,296
2710	10	7,516	170	2,447	384	3,000	480	2,302	249	3,031	2,123
2711	10	12,320	131	4,106	668	4,905	746	3,902	442	5,091	3,480
2712	10	30,303	5,036	6,014	1,859	12,910	2,490	5,920	2,838	11,249	8,561
2713	10	18,591	3,205	3,700	993	7,898	1,557	3,274	1,448	6,279	5,252
2714	10	10,780	1,602	2,124	904	4,630	724	2,179	1,348	4,251	3,045
2715	10	7,600	1,481	1,553	371	3,405	228	2,332	541	3,100	2,147
2716	10	12,183	2,393	2,488	547	5,427	439	3,829	798	5,066	3,442
2717	10	19,321	499	5,164	1,829	7,492	557	6,562	991	8,111	5,458
2718	10	13,123	135	3,577	1,344	5,057	292	4,387	729	5,408	3,707
2719	10	10,485	108	2,858	1,074	4,040	237	3,532	582	4,351	2,962
2720	10	8,248	87	2,246	846	3,179	115	2,894	409	3,418	2,330
2721	10	10,067	78	2,750	1,047	3,876	135	3,583	506	4,224	2,844
2722	10	6,231	116	1,680	614	2,409	123	2,151	297	2,571	1,760
2723	10	15,648	4,071	1,432	1,640	7,143	115	6,151	371	6,637	4,421
2724	10	20,519	240	4,563	2,925	7,728	1,446	4,775	2,058	8,279	5,797
2725	10	10,636	2,409	1,384	994	4,786	768	2,418	1,081	4,266	3,005
2726	10	8,404	1,903	1,091	788	3,783	606	1,913	857	3,376	2,374
2727	10	3,955	895	515	368	1,779	284	901	401	1,587	1,117
2728	10	5,293	1,199	688	496	2,383	382	1,202	540	2,124	1,495
2729	10	12,517	1,628	1,932	1,547	5,106	1,414	2,526	968	4,908	3,536
2730	10	5,273	613	772	759	2,144	663	937	475	2,074	1,490
2731	10	7,906	918	1,157	1,139	3,215	994	1,409	713	3,116	2,233
2732	10	4,068	473	596	585	1,654	511	726	366	1,603	1,149
2733	10	2,775	322	406	399	1,128	349	494	250	1,093	784
2734	10	11,108	652	2,388	1,312	4,352	139	2,869	1,122	4,130	3,138
2735	10	9,831	458	2,123	1,252	3,833	111	2,746	1,169	4,026	2,777
2736	10	9,213	137	2,231	1,146	3,515	528	2,854	346	3,727	2,603
2737	10	10,254	88	2,496	1,316	3,900	532	2,966	359	3,857	2,897
2738	10	9,384	129	2,274	1,174	3,577	490	2,665	322	3,477	2,651
2739	10	15,336	238	3,711	1,902	5,851	882	4,800	577	6,259	4,332
2740	10	8,850	134	2,143	1,100	3,376	430	2,342	279	3,050	2,500
2741	10	17,942	1,100	5,081	1,182	7,362	601	4,549	2,094	7,243	5,069
2742	10	14,922	954	4,205	966	6,124	511	3,779	1,735	6,025	4,215
2743	10	12,994	799	3,678	854	5,331	441	3,339	1,534	5,314	3,671
2744	10	15,710	1,455	2,577	2,249	6,281	470	4,342	1,591	6,404	4,438
2745	10	6,996	668	1,154	977	2,800	221	1,911	691	2,823	1,976
2746	10	11,824	1,107	1,944	1,678	4,729	356	3,237	1,187	4,781	3,340
2747	10	13,252	2,585	1,748	1,440	5,773	423	3,555	1,436	5,415	3,744
2748	10	14,298	378	4,577	804	5,759	131	5,546	447	6,124	4,039
2749	10	5,941	677	1,569	284	2,529	140	2,102	226	2,468	1,678
2750	10	9,814	1,231	2,522	415	4,168	315	3,508	331	4,154	2,772
2751	10	6,313	771	1,635	277	2,683	180	2,242	221	2,643	1,783
2752	10	10,414	1,291	2,069	1,000	4,360	342	2,761	1,084	4,187	2,942
2753	10	11,973	1,677	2,387	944	5,008	537	3,179	1,023	4,739	3,382
2754	10	7,864	957	1,562	774	3,293	237	2,116	839	3,192	2,222
2755	10	8,530	2,154	1,489	363	4,005	431	2,229	787	3,447	2,410
2756	10	11,252	2,837	1,967	474	5,278	566	2,993	1,028	4,586	3,179
2757	10	8,283	2,092	1,446	353	3,890	419	2,180	765	3,363	2,340
2758	10	9,990	2,209	327	1,702	4,238	274	3,411	598	4,282	2,822
2759	10	8,296	1,841	108	1,576	3,525	195	2,692	554	3,441	2,344
2760	10	11,552	2,506	1,900	779	5,185	595	2,267	1,716	4,577	3,263
2761	10	7,815	1,694	1,300	502	3,496	455	1,468	1,105	3,028	2,208
2762	10	5,080	160	1,317	517	1,994	102	708	1,167	1,977	1,435
2763	10	7,211	218	1,872	739	2,829	143	1,008	1,669	2,819	2,037
2764	10	9,973	300	2,590	1,022	3,912	197	1,394	2,308	3,899	2,817
2765	10	2,485	77	644	253	975	50	349	572	970	702
2766	10	2,837	87	736	290	1,113	57	395	655	1,106	801
2767	10	1,286	44	332	129	505	26	180	290	496	363
2768	10	6,607	935	1,107	688	2,730	410	1,506	787	2,703	1,867
2769	10	5,243	641	829	688	2,158	274	1,024	788	2,086	1,481
2770	10	5,198	695	850	597	2,142	261	1,150	684	2,095	1,468
2771	10	7,727	1,025	1,260	898	3,184	432	1,716	1,029	3,177	2,183

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2772	10	15,243	1,008	2,540	2,379	5,927	563	4,090	1,535	6,188	4,306
2773	10	11,277	751	1,880	1,755	4,386	417	3,028	1,132	4,577	3,186
2774	10	13,084	1,969	2,115	1,413	5,497	362	4,092	855	5,309	3,696
2851	19	4,068	397	426	143	966	313	2,487	664	3,463	1,149
2852	19	3,377	343	369	132	844	281	208	575	1,064	954
2853	19	10,049	1,611	693	321	2,625	804	757	1,912	3,473	2,839
2854	19	10,867	1,564	742	289	2,594	773	6,602	1,836	9,211	3,070
2855	19	5,290	360	239	337	936	358	578	919	1,855	1,494
2861	9	11,704	2,216	1,610	279	4,104	1,283	916	2,830	5,030	3,306
2862	9	9,483	1,792	1,331	225	3,348	1,054	1,006	2,289	4,350	2,679
2863	9	3,137	584	495	73	1,153	380	593	747	1,720	886
2864	9	8,116	1,532	1,150	193	2,875	893	781	1,957	3,630	2,293
2865	9	10,828	2,048	1,503	258	3,809	1,199	862	2,616	4,677	3,059
2871	18	5,605	1,077	1,265	925	3,266	1,126	4,277	458	5,861	1,583
2872	18	4,718	619	443	717	1,778	390	919	132	1,441	1,333
2873	18	2,148	586	379	326	1,291	709	2,046	226	2,981	607
2874	18	6,902	1,296	1,552	1,031	3,878	913	4,288	209	5,410	1,950
2875	18	6,763	706	1,190	1,010	2,906	827	2,525	229	3,582	1,911
2876	18	5,111	517	890	763	2,170	393	1,495	103	1,990	1,444
2877	18	9,404	2,386	1,617	625	4,628	899	3,587	408	4,894	2,657
2878	18	7,796	933	817	1,110	2,860	453	1,075	282	1,809	2,202
2879	18	10,304	1,346	1,147	1,468	3,961	623	1,464	372	2,459	2,911
2880	18	12,417	1,784	1,477	1,769	5,030	915	2,422	507	3,844	3,508
2891	18	4,436	820	428	700	1,948	452	648	442	1,543	1,253
2892	18	2,893	916	461	282	1,659	460	496	306	1,261	817
2893	18	6,468	1,230	594	871	2,695	1,926	1,091	190	3,208	1,827
2894	18	5,424	820	374	731	1,924	1,483	771	160	2,414	1,532
2895	18	3,669	285	179	842	1,306	452	409	325	1,186	1,036
2896	18	7,780	333	221	1,784	2,338	802	765	690	2,257	2,198
2901	18	1,716	106	72	424	603	29	316	424	769	485
2902	18	1,170	81	54	290	425	22	215	289	526	331
2911	12	11,774	2,629	706	603	3,938	1,930	3,793	1,696	7,418	3,326
2912	12	5,994	1,330	311	313	1,954	906	1,844	859	3,608	1,693
2913	12	11,175	1,306	1,294	377	2,977	1,653	5,911	1,926	9,491	3,157
2914	12	7,347	1,498	936	409	2,844	445	1,498	905	2,849	2,076
2915	9	9,629	1,433	1,550	712	3,694	1,299	4,598	414	6,311	2,720
2916	9	11,556	1,724	1,501	857	4,082	1,332	2,164	480	3,976	3,265
2917	9	10,132	1,637	2,218	814	4,668	2,218	4,777	463	7,457	2,862
2918	9	7,226	921	1,238	458	2,617	975	7,069	258	8,302	2,041
2919	9	10,152	1,408	1,536	700	3,643	1,287	4,493	445	6,225	2,868
2920	9	14,933	2,402	2,045	1,194	5,641	1,728	3,123	736	5,587	4,219
2921	9	8,577	1,344	1,192	668	3,204	923	1,139	410	2,472	2,423
2922	12	13,657	180	428	2,383	2,990	792	6,303	3,030	10,125	3,858
2923	12	3,445	57	121	526	705	185	1,046	682	1,913	973
2924	12	6,270	77	198	1,252	1,527	419	1,818	1,434	3,671	1,771
2925	12	3,676	69	135	468	672	238	1,508	693	2,439	1,038
2926	12	44,188	10,584	5,167	2,851	18,602	2,367	10,278	7,535	20,180	12,483
2927	12	22,530	3,955	2,253	981	7,189	1,164	17,480	4,007	22,651	6,365
2928	12	12,119	996	1,725	1,072	3,793	421	1,265	2,504	4,190	3,424
2929	12	6,838	1,413	848	472	2,733	296	1,857	1,021	3,174	1,932
2930	13	13,705	2,109	708	480	3,297	12,731	3,177	5,298	21,206	3,872
2931	12	26,690	4,589	3,856	1,132	9,577	23,123	7,608	4,714	35,445	7,540
2932	12	20,447	3,798	2,480	1,195	7,474	1,046	7,746	3,006	11,797	5,776
2933	13	3,860	739	65	44	848	6,226	2,265	2,154	10,645	1,090
2934	12	2,852	564	367	178	1,109	178	1,370	450	1,998	806
2935	13	6,391	1,042	512	797	2,351	2,635	7,010	3,349	12,993	1,805
2936	12	8,395	444	885	893	2,221	465	3,559	1,388	5,412	2,372
2937	12	24,162	1,334	2,598	2,432	6,364	1,633	10,899	4,039	16,572	6,826
2938	12	4,645	273	524	467	1,264	385	2,213	884	3,482	1,312
2939	12	7,152	281	1,050	664	1,995	320	1,338	1,356	3,014	2,020
2940	12	9,530	485	1,441	750	2,676	463	5,608	1,991	8,062	2,692
2941	9	6,016	967	732	50	1,748	357	426	350	1,133	1,700
2942	9	14,748	2,784	2,194	1,384	6,362	1,737	2,543	972	5,251	4,166
2943	13	23,982	4,093	2,725	1,754	8,573	4,039	4,380	7,563	15,982	6,775
2944	13	21,888	3,605	2,391	1,539	7,536	5,709	3,383	7,988	17,080	6,183
2945	13	399	288	58	37	383	1,409	688	580	2,676	113
2946	12	8,649	1,548	1,458	622	3,628	490	1,827	1,329	3,646	2,443
2947	12	6,812	759	784	257	1,799	386	7,703	1,257	9,346	1,924
2948	12	21,445	2,569	2,467	999	6,035	954	17,865	3,751	22,570	6,058
2949	12	4,274	641	547	296	1,485	137	1,601	957	2,695	1,208
2991	10	12,864	1,836	2,638	817	5,292	2,018	6,593	1,442	10,053	3,634
2992	10	22,297	3,588	4,676	1,161	9,425	2,547	7,832	1,465	11,843	6,299
2993	10	24,433	3,881	6,007	2,117	12,005	2,930	12,583	2,670	18,183	6,902
2994	10	22,628	4,331	4,495	359	9,185	3,023	6,196	453	9,673	6,392
2995	10	28,090	4,420	5,833	1,497	11,749	2,864	7,784	1,500	12,147	7,935
2996	10	6,649	606	1,208	576	2,390	820	2,804	727	4,350	1,878

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2997	10	27,443	3,529	5,427	1,894	10,850	2,939	9,744	2,100	14,782	7,753
2998	10	24,222	3,393	5,475	1,689	10,556	2,143	11,554	1,332	15,030	6,843
2999	10	37,819	4,921	9,428	3,559	17,908	3,816	17,608	2,605	24,028	10,684
3000	10	22,200	3,618	4,653	917	9,188	2,077	10,012	764	12,853	6,271
3001	10	5,274	1,069	1,055	33	2,156	658	1,156	23	1,838	1,490
3002	10	8,066	1,259	1,570	283	3,112	744	2,986	224	3,953	2,279
3003	10	53,101	6,838	12,809	4,727	24,374	5,833	32,033	4,461	42,326	15,001
3004	10	27,358	3,409	6,469	2,419	12,298	2,623	14,191	1,984	18,797	7,729
3005	10	3,719	597	778	179	1,553	435	1,659	372	2,466	1,051
3006	10	12,192	2,313	2,521	278	5,113	1,463	4,456	1,305	7,224	3,444
3007	10	12,804	2,183	2,705	536	5,424	1,023	4,361	894	6,278	3,617
3008	10	12,825	2,029	2,617	585	5,231	1,224	4,976	1,289	7,488	3,623
3009	10	14,608	2,632	2,964	397	5,992	1,498	4,518	917	6,933	4,127
3010	10	728	138	145	12	296	34	517	25	576	206
3011	10	9,976	1,756	2,102	369	4,227	747	2,601	710	4,058	2,818
3012	10	8,103	1,422	1,884	451	3,757	563	2,756	789	4,107	2,289
3013	10	11,577	1,942	2,206	310	4,458	1,073	3,210	644	4,927	3,271
3014	10	8,559	1,515	1,694	218	3,428	478	2,263	408	3,149	2,418
3015	10	4,001	691	857	170	1,719	393	1,569	354	2,317	1,130
3016	10	4,239	907	859	-	1,766	501	1,524	5	2,030	1,198
3017	10	4,497	774	892	134	1,799	263	1,177	263	1,702	1,270
3018	10	2,250	457	451	16	924	478	1,328	32	1,838	636
3019	10	3,304	558	765	199	1,522	274	1,471	415	2,159	933
3020	10	3,444	581	699	125	1,404	410	1,460	260	2,131	973
3021	10	1,479	218	282	64	564	116	490	133	738	418
3022	10	33,999	4,834	6,469	1,589	12,893	2,595	12,338	3,300	18,233	9,605
3023	10	15,568	3,025	3,092	192	6,308	1,483	3,424	342	5,249	4,398
3024	10	18,616	3,114	4,171	1,027	8,312	1,315	6,490	1,580	9,386	5,259
3025	10	32,118	5,330	6,796	1,470	13,597	2,871	15,222	3,573	21,666	9,073
3026	10	21,258	2,890	2,649	2,590	8,129	1,318	9,343	1,291	11,951	6,005
3027	10	16,332	2,824	2,643	890	6,358	1,195	7,570	467	9,232	4,614
3071	6	66,879	4,389	12,665	8,904	25,958	9,039	15,709	197	24,945	18,893
3072	6	16,222	1,407	3,083	1,690	6,179	1,572	6,348	38	7,957	4,583
3073	6	7,801	1,112	1,782	555	3,449	725	6,272	13	7,010	2,204
3074	6	6,753	334	1,379	1,173	2,886	886	1,175	26	2,088	1,908
3075	6	9,460	1,692	1,935	644	4,271	2,134	1,778	5	3,917	2,672
3076	6	10,268	1,940	2,243	515	4,698	1,674	5,046	4	6,724	2,901
3077	6	15,429	2,791	3,176	1,200	7,167	3,818	2,747	10	6,575	4,359
3078	6	24,595	4,549	5,241	1,375	11,165	6,076	4,361	11	10,447	6,948
3079	6	6,443	1,038	1,163	614	2,815	1,119	1,453	5	2,577	1,820
3080	6	940	918	1,069	169	2,156	153	2,859	1	3,013	266
3081	6	12,864	2,409	2,776	725	5,911	2,271	4,085	6	6,362	3,634
3082	6	12,210	2,426	2,843	284	5,554	3,770	4,060	2	7,833	3,449
3083	6	3,698	694	799	213	1,707	1,629	2,037	2	3,668	1,045
3084	6	12,135	2,309	2,692	404	5,405	3,965	3,953	3	7,921	3,428
3085	6	16,765	3,760	3,930	392	8,082	5,064	5,436	104	10,604	4,736
3101	15	17,334	1,260	1,405	418	3,083	13,889	23,775	3,448	41,112	4,897
3102	15	11,997	2,576	1,739	855	5,170	6,883	5,031	2,160	14,074	3,389
3103	15	4,880	579	396	192	1,168	1,046	3,541	812	5,400	1,379
3104	15	911	228	146	76	450	125	178	149	452	257
3105	15	5,709	1,127	799	374	2,300	4,445	665	962	6,072	1,613
3106	15	19,377	2,281	1,750	757	4,788	9,188	16,178	3,371	28,737	5,474
3107	15	6,292	1,394	881	463	2,738	1,207	971	967	3,145	1,778
3108	15	8,913	281	1,436	1,101	2,818	20,234	17,760	2,740	40,734	2,518
3109	15	1,221	40	227	155	421	1,701	2,815	361	4,878	345
3121	9	2,333	422	327	53	803	188	212	345	745	659
3122	17	1,31,424	10,954	29,805	8,941	49,700	2,712	37,895	17,376	57,982	37,127
3123	16	99,293	8,516	16,979	8,245	33,740	6,030	86,884	49,345	1,42,259	28,050
3124	17	87,890	10,908	7,891	13,238	32,037	6,518	26,240	8,993	41,752	24,829
3125	17	74,592	10,796	5,259	2,388	18,442	2,920	51,672	9,179	63,772	21,072
3126	18	16,873	1,030	3,602	2,413	7,045	4,577	5,578	99	10,254	4,767
3127	18	23,874	2,154	3,469	3,332	8,955	284	1,475	3,197	4,956	6,745
3128	18	25,523	3,981	4,577	3,392	11,950	2,799	6,294	2,305	11,398	7,210
3129	18	22,233	2,918	3,591	2,843	9,353	2,057	4,311	1,945	8,313	6,281
3130	18	166	211	125	33	368	127	186	9	323	47
3131	18	-	353	207	-	560	984	2,402	-	3,386	-
3132	18	35,889	7,779	6,927	2,342	17,047	6,769	10,282	1,523	18,574	10,139
3133	18	-	42	24	-	66	30	54	-	84	-
3134	19	1,43,140	26,859	24,113	8,170	59,142	16,045	24,131	23,395	63,571	40,437
3135	18	7,770	2,048	1,355	385	3,788	874	8,428	154	9,456	2,195
3136	18	6,591	1,150	988	770	2,907	550	1,402	556	2,509	1,862
3137	18	93,951	7,087	6,430	5,575	19,092	15,052	1,702	6,897	23,651	26,541

Annexure 7-5

Planning parameters for 2021: MMR Area (CTSU Scenario)

ANNEXURE 7-5: PLANNING PARAMETERS FOR 2021: MMR AREA (CTSU SCENARIO)

Table 1: Planning Parameters 2021 (CTSU Scenario)

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1	1	1,402	326	20	315	661	399	71	396	865	396
2	1	9,410	2,081	382	1,934	4,398	3,803	382	1,324	5,509	2,658
3	1	23,864	5,434	877	4,302	10,613	3,428	259	2,236	5,923	6,742
4	1	28,396	6,585	1,044	5,119	12,747	4,882	331	2,851	8,064	8,022
5	1	21,544	4,903	792	3,884	9,579	3,884	296	2,554	6,735	6,086
6	1	7,061	2,160	514	324	2,997	8,470	1,052	7,353	16,874	1,995
7	1	5,471	1,293	230	1,027	2,549	4,835	1,026	2,716	8,576	1,546
8	1	2,692	556	51	757	1,364	2,062	264	7,976	10,303	760
9	1	15,925	3,224	298	4,450	7,972	8,447	3,114	14,879	26,440	4,499
10	1	3,732	929	176	759	1,865	42,607	3,262	8,427	54,296	1,054
11	1	2,805	847	132	571	1,549	34,125	2,586	6,680	43,390	792
12	1	14,880	3,557	737	2,757	7,050	56,316	2,049	7,007	65,372	4,204
13	1	5,921	1,299	291	994	2,584	13,668	2,738	6,696	23,102	1,673
14	1	1,797	338	153	257	748	4,465	1,123	3,853	9,441	508
15	1	1,927	421	93	352	866	17,457	1,955	9,953	29,365	544
16	1	7,188	1,966	343	856	3,165	4,564	4,165	5,328	14,057	2,030
17	1	4,818	1,410	94	792	2,296	14,906	1,013	11,849	27,767	1,361
18	1	4,245	1,619	116	1,142	2,877	41,091	2,360	13,167	56,619	1,199
19	1	5,417	368	401	1,339	2,109	20,998	7,897	9,923	38,818	1,530
20	1	7,076	1,514	159	1,151	2,824	12,271	4,062	5,152	21,485	1,999
21	1	7,938	839	264	2,054	3,157	4,503	2,030	5,663	12,196	2,243
22	1	3,283	925	67	220	1,212	1,824	991	3,061	5,875	928
23	1	5,087	138	417	1,520	2,075	6,771	4,175	4,307	15,253	1,437
24	1	8,744	974	119	2,930	4,022	21,600	4,233	5,463	31,297	2,470
25	1	17,488	3,090	766	2,663	6,520	4,945	3,258	2,333	10,537	4,940
26	1	7,808	1,118	87	1,807	3,012	3,198	33	1,384	4,615	2,206
27	1	8,796	2,282	121	716	3,119	4,152	29	1,350	5,531	2,485
28	1	12,296	2,428	56	2,196	4,680	3,608	795	2,063	6,465	3,474
29	1	10,046	727	71	3,314	4,111	4,946	388	405	5,739	2,838
30	1	3,204	492	168	1,059	1,720	2,553	84	1,484	4,121	905
31	1	9,985	2,492	512	1,168	4,172	2,673	99	2,026	4,798	2,821
32	1	4,092	850	269	572	1,691	857	186	906	1,949	1,156
33	1	4,186	276	243	1,388	1,908	4,240	173	2,007	6,420	1,183
34	1	7,527	1,052	584	1,111	2,747	4,639	325	1,951	6,915	2,127
35	1	4,369	508	317	822	1,647	2,954	268	1,715	4,937	1,234
36	1	10,533	1,082	554	2,585	4,221	5,479	1,135	3,378	9,991	2,976
37	1	6,213	1,438	-	1,181	2,620	3,274	-	6,606	9,880	1,755
38	1	3,667	455	23	1,139	1,617	1,969	-	3,930	5,900	1,036
39	1	10,659	965	212	3,456	4,633	2,684	-	10,211	12,895	3,011
40	1	4,280	169	152	1,408	1,730	4,236	338	11,546	16,120	1,209
41	1	5,693	897	223	1,001	2,122	4,339	1,739	9,456	15,533	1,608
42	1	7,561	1,077	221	1,620	2,918	2,023	437	15,079	17,539	2,136
43	1	5,039	225	256	1,475	1,955	1,714	548	11,621	13,883	1,424
44	1	5,477	583	185	1,368	2,136	5,694	311	6,798	12,803	1,547
45	1	3,535	1,023	160	1,340	2,523	18,410	344	26,493	45,247	999
46	1	3,786	1,095	-	1,783	2,877	16,018	4,059	26,895	46,973	1,070
47	1	1,586	364	178	500	1,041	10,703	2,371	3,501	16,575	448
48	1	2,596	552	164	1,136	1,853	32,344	665	5,845	38,855	733
49	1	3,631	497	311	833	1,640	5,072	607	4,042	9,721	1,026
50	1	2,871	417	161	798	1,376	4,207	388	2,598	7,193	811
51	1	2,626	660	146	389	1,195	2,398	277	2,212	4,887	742
52	1	2,777	502	130	712	1,343	3,770	307	5,446	9,523	785
53	1	5,799	1,772	138	936	2,846	10,037	477	9,122	19,637	1,638
54	1	5,938	1,377	292	1,184	2,854	5,853	918	4,892	11,662	1,677
55	1	9,005	1,938	429	1,979	4,346	6,897	169	4,305	11,371	2,544
56	1	9,646	809	379	3,754	4,942	6,834	303	2,875	10,012	2,725
57	1	9,888	2,378	433	1,843	4,655	5,122	1,248	6,438	12,809	2,793
58	1	1,669	323	67	215	605	1,827	645	1,820	4,292	472
59	1	14,667	3,510	646	2,475	6,631	11,578	533	8,019	20,130	4,143
60	1	11,370	2,249	310	2,885	5,445	9,656	500	2,694	12,849	3,212
61	1	4,175	756	220	931	1,907	2,325	437	2,080	4,843	1,180
62	1	4,536	896	193	1,013	2,101	2,083	336	2,900	5,319	1,281
63	1	2,921	600	152	564	1,316	1,239	99	1,877	3,215	825
64	1	6,081	1,320	67	1,601	2,988	2,527	133	4,028	6,688	1,718
65	1	5,601	619	135	2,063	2,817	3,574	214	2,732	6,520	1,582
66	1	8,087	1,558	361	1,326	3,246	2,774	1,997	3,667	8,437	2,285
67	1	6,406	1,432	437	499	2,368	4,171	299	1,646	6,117	1,810
68	1	4,577	701	101	1,183	1,984	2,861	91	1,117	4,069	1,293
69	1	3,453	449	99	940	1,488	837	60	1,865	2,761	976
70	1	2,950	405	93	759	1,258	657	30	1,274	1,962	833
71	1	4,207	551	120	1,145	1,817	542	67	5,315	5,925	1,188
72	1	8,352	1,787	128	1,656	3,572	2,027	275	5,619	7,922	2,359
73	1	4,455	952	223	566	1,740	998	64	1,836	2,899	1,259
74	1	8,002	474	681	1,962	3,117	2,307	458	2,617	5,382	2,261
75	1	6,541	2,144	163	652	2,959	8,757	1,401	2,663	12,822	1,848
76	1	3,455	1,037	152	274	1,463	1,606	140	714	2,460	976
77	1	1,125	247	23	258	528	862	8	309	1,179	318
78	1	8,345	2,046	614	721	3,381	4,919	92	1,066	6,077	2,357
79	1	900	340	16	33	389	213	65	420	698	254
80	1	9,036	1,482	152	2,743	4,377	5,644	51	1,576	7,270	2,553
81	1	1,578	503	71	301	875	3,279	256	5,962	9,497	446
82	1	7,752	689	258	3,020	3,967	7,569	1,332	13,574	22,475	2,190
83	1	3,734	364	274	1,287	1,925	7,860	1,711	2,021	11,593	1,055
84	1	6,218	2,669	191	225	3,085	13,396	3,087	4,861	21,344	1,757
85	1	7,585	3,024	72	676	3,773	1,366	320	1,976	3,662	2,143
86	1	9,280	2,237	146	2,460	4,842	708	193	2,342	3,242	2,622
87	1	5,760	2,605	34	115	2,754	209	53	1,556	1,819	1,627
88	1	11,515	2,607	275	3,031	5,914	1,265	330	1,568	3,163	3,253
89	1	12,646	5,774	166	29	5,968	2,275	585	3,238	6,098	3,572
90	1	12,470	5,600	172	73	5,845	1,863	91	2,008	3,962	3,523
91	1	5,634	1,769	356	225	2,350	2,926	130	1,410	4,466	1,592
92	1	7,213	1,638	367	1,199	3,204	1,768	697	3,239	5,704	2,038
93	1	5,135	1,171	191	1,034	2,396	2,319	239	1,654	4,212	1,451
94	1	6,934	2,164	237	995	3,396	5,633	84	3,852	9,568	1,959
95	1	4,833	1,447	81	757	2,285	1,689	45	1,507	3,241	1,365
96	1	43,035	11,949	726	7,834	20,509	17,553	1,534	13,079	32,166	12,157
97	1	12,465	2,336	627	2,809	5,772	3,331	1,454	3,184	7,969	3,521
98	1	23,991	8,326	465	2,187	10,979	8,479	508	9,971	18,958	6,778
99	1	7,149	1,191	392	1,404	2,987	846	677	1,540	3,064	2,020
100	1	4,933	992	272	975	2,239	2,408	282	698	3,387	1,394
101	1	4,636	788	170	1,256	2,213	7,807	2,924	5,050	15,782	1,310
102	1	5,641	983	435	755	2,173	81	11	11	104	1,594
103	1	20,022	3,736	615	4,256	8,607	6,074	392	2,564	9,030	5,656
104	1	26,574	7,494	1,365	1,337	10,195	2,774	1,102	4,210	8,086	7,507
105	1	13,083	1,436	1,267	3,272	5,975	6,670	708	3,257	10,636	3,696
106	1	16,826	2,515	1,075	3,429	7,019	2,822	514	3,418	6,754	4,753
107	1	16,640	1,599	1,156	4,284	7,040	5,106	2,123	4,685	11,915	4,701
108	1	13,596	2,446	590	3,558	6,594	2,272	2,148	2,597	7,017	3,841
109	1	5,411	1,221	717	560	2,497	2,832	1,712	3,028	7,572	1,529
110	1	8,356	1,236	425	1,720	3,381	1,358	60	3,914	5,332	2,360
111	1	8,642	1,650	133	1,862	3,645	3,986	649	6,110	10,745	2,441
112	1	5,511	278	105	2,039	2,422	1,645	274	1,629	3,548	1,557
113	1	6,052	169	68	2,496	2,733	607	122	1,795	2,524	1,710
114	1	15,777	469	1,228	4,296	5,993	565	252	6,295	7,112	4,457
115	1	3,518	511	203	462	1,177	2,828	163	715	3,706	994
116	1	6,180	623	175	1,501	2,298	2,883	459	1,395	4,737	1,746
117	1	8,000	1,151	321	1,323	2,795	139	210	5,241	5,591	2,260
118	1	4,068	394	155	926	1,476	67	96	2,129	2,292	1,149
119	1	2,352	260	58	560	878	176	191	1,699	2,066	664
120	1	2,063	55	48	714	816	75	182	1,494	1,752	583
121	1	13,553	1,443	2,335	494	4,272	5,565	405	4,482	10,451	3,829
122	1	15,261	960	783	5,127	6,869	2,840	1,071	4,038	7,949	4,311
123	1	15,271	1,830	1,410	2,782	6,021	4,250	1,885	2,197	8,332	4,314
124	1	44,948	6,685	2,744	9,428	18,858	12,185	3,472	6,947	22,604	12,698
125	1	24,804	2,590	861	7,914	11,365	6,761	1,555	8,093	16,408	7,007
126	1	15,851	2,906	998	2,767	6,672	3,964	1,119	6,158	11,241	4,478
127	1	12,287	1,523	1,637	1,132	4,292	3,144	216	3,077	6,437	3,471
128	1	5,363	688	318	1,282	2,288	918	227	1,862	3,007	1,515
129	1	3,166	685	152	681	1,518	2,349	585	1,206	4,141	895
130	1	7,637	1,275	90	2,267	3,632	6,250	955	2,691	9,896	2,157
131	1	6,184	1,076	202	1,527	2,805	4,078	1,947	3,645	9,670	1,747
132	1	7,455	948	440	1,809	3,197	5,674	837	2,744	9,255	2,106
133	1	8,112	2,013	469	802	3,284	5,971	1,108	3,578	10,657	2,292
134	1	4,814	1,149	67	1,056	2,272	2,473	840	2,569	5,882	1,360
135	1	5,693	1,154	272	1,042	2,468	4,188	1,818	1,636	7,642	1,608
136	1	29,812	7,141	1,008	4,017	12,166	4,641	1,481	4,131	10,253	8,422
137	1	22,278	7,861	195	1,249	9,305	3,207	543	3,808	7,558	6,293
138	1	65,416	10,894	1,163	16,697	28,755	11,172	753	7,474	19,399	18,480
139	1	26,748	4,573	1,416	4,827	10,817	6,641	3,172	1,162	10,976	7,556
140	1	6,984	1,258	659	577	2,494	1,327	318	885	2,530	1,973
141	1	62,587	11,347	2,960	11,259	25,567	16,648	878	10,111	27,638	17,681
142	1	48,651	8,927	3,821	5,355	18,103	10,196	1,142	7,262	18,600	13,744

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
143	1	20,962	1,590	1,500	5,409	8,499	1,143	621	4,121	5,886	5,922
144	1	46,258	8,272	3,254	6,343	17,868	6,037	1,935	7,729	15,702	13,068
145	1	37,126	6,620	1,727	6,663	15,010	1,982	1,187	7,439	10,608	10,488
146	1	10,899	1,576	696	2,018	4,289	1,054	695	907	2,656	3,079
147	1	14,778	2,695	943	2,736	6,374	3,638	745	973	5,356	4,175
148	1	7,536	1,251	481	1,396	3,127	2,141	1,046	1,364	4,551	2,129
149	1	24,611	4,736	1,144	4,417	10,298	2,778	660	6,088	9,526	6,953
150	1	10,648	1,328	739	2,166	4,233	1,306	455	1,525	3,286	3,008
151	1	23,410	965	699	9,205	10,870	5,676	532	2,276	8,483	6,613
152	1	14,328	3,462	584	2,069	6,115	3,238	570	6,310	10,117	4,048
153	1	8,941	1,869	313	1,487	3,669	1,228	109	1,168	2,505	2,526
154	1	13,190	2,890	1,314	1,157	5,361	9,360	2,177	6,328	17,865	3,726
155	1	10,738	2,075	652	1,634	4,361	3,398	809	1,125	5,333	3,034
156	1	18,576	3,329	1,653	2,062	7,045	2,903	2,241	4,433	9,577	5,248
157	1	3,891	520	336	700	1,555	3,452	1,116	1,765	6,333	1,099
158	1	21,375	3,186	2,467	2,228	7,882	8,205	2,431	3,208	13,845	6,038
159	1	19,769	3,923	902	3,657	8,482	5,936	1,629	2,408	9,972	5,585
160	1	14,189	2,587	693	2,671	5,951	1,302	539	5,201	7,043	4,009
161	1	25,997	3,383	2,089	4,615	10,087	1,434	995	1,999	4,427	7,344
162	1	17,960	1,840	1,221	4,229	7,290	1,331	637	2,121	4,090	5,074
163	1	18,082	3,333	448	5,311	9,092	13,282	2,636	6,740	22,658	5,108
164	1	3,122	703	269	373	1,344	838	435	178	1,450	882
165	1	21,402	1,745	1,853	5,552	9,150	31,420	4,432	8,305	44,156	6,046
166	1	12,608	2,965	569	2,460	5,995	3,124	584	1,858	5,565	3,562
167	1	20,304	3,055	2,027	2,298	7,380	1,009	718	2,159	3,885	5,736
168	1	16,016	2,281	1,158	2,884	6,323	1,074	896	1,432	3,402	4,524
169	1	7,980	1,065	403	1,858	3,325	852	161	1,016	2,030	2,254
170	1	2,357	321	205	374	900	143	130	302	575	666
171	1	5,715	1,143	434	656	2,233	1,136	996	1,627	3,758	1,614
172	1	7,763	1,335	493	1,360	3,189	5,948	2,385	3,662	11,995	2,193
173	1	6,435	1,170	713	399	2,282	1,604	972	966	3,542	1,818
174	1	5,920	1,010	433	896	2,339	593	480	1,540	2,613	1,672
175	1	6,961	2,313	94	550	2,956	2,425	623	1,182	4,230	1,966
176	1	34,500	6,517	1,356	6,952	14,825	9,830	1,039	5,810	16,679	9,746
177	1	7,241	1,441	506	873	2,819	1,050	33	2,179	3,263	2,045
178	1	8,570	528	1,497	664	2,690	1,344	39	2,721	4,104	2,421
179	1	22,392	4,306	858	5,083	10,247	9,942	2,001	5,102	17,045	6,326
180	1	26,319	1,985	2,927	5,995	10,907	6,802	1,521	8,284	16,607	7,435
181	1	25,399	1,950	1,845	7,601	11,395	5,916	1,260	5,296	12,472	7,175
182	1	30,106	2,322	2,187	9,009	13,518	7,549	1,605	6,747	15,901	8,505
183	1	15,469	1,202	1,123	4,629	6,955	4,739	1,005	4,226	9,970	4,370
184	1	8,184	702	594	2,449	3,745	2,021	409	1,718	4,149	2,312
185	1	3,395	319	247	1,016	1,581	1,588	294	1,235	3,117	959
186	1	17,964	2,334	1,192	4,547	8,073	6,299	2,120	6,222	14,642	5,075
187	1	20,492	3,543	1,126	4,634	9,304	6,010	3,997	2,238	12,246	5,789
188	1	16,240	2,725	893	3,673	7,291	4,675	3,359	1,881	9,915	4,588
189	1	20,948	3,512	1,152	4,738	9,402	5,112	3,658	2,048	10,818	5,918
190	1	13,266	2,159	763	2,967	5,890	2,434	1,985	3,108	7,526	3,748
191	1	34,086	6,495	2,283	5,811	14,589	10,858	2,548	6,182	19,587	9,629
192	1	15,035	2,238	1,594	2,139	5,972	4,050	1,517	2,011	7,578	4,247
193	1	279	130	7	13	150	3,597	399	3,685	7,681	79
194	1	10,291	1,214	1,034	1,970	4,217	2,401	337	3,330	6,068	2,907
195	1	4,186	734	210	935	1,878	846	121	1,305	2,272	1,183
196	1	12,417	1,921	979	2,562	5,462	9,853	1,544	2,310	13,706	3,508
197	1	22,171	6,332	1,470	1,728	9,530	26,509	7,374	8,265	42,148	6,263
198	1	25,857	8,706	746	1,754	11,207	9,882	1,236	7,860	18,978	7,305
199	1	30,245	5,322	1,517	6,753	13,592	7,716	4,902	7,352	19,970	8,544
200	1	21,872	4,460	675	5,004	10,138	7,378	4,751	9,357	21,485	6,179
201	1	20,775	7,609	270	1,346	9,224	5,124	598	9,667	15,389	5,869
202	1	3,666	735	317	460	1,511	2,374	1,033	855	4,262	1,036
203	1	32,754	6,417	1,405	7,064	14,886	10,113	1,273	12,229	23,616	9,253
204	1	21,307	6,054	50	2,983	9,088	9,821	2,649	6,060	18,530	6,019
205	1	6,706	1,398	133	1,351	2,882	2,736	581	1,911	5,228	1,894
206	1	4,017	1,317	35	297	1,650	1,268	603	1,448	3,319	1,135
207	1	3,033	619	70	602	1,291	884	121	1,456	2,461	857
208	1	9,928	1,513	607	1,828	3,949	5,187	495	2,821	8,502	2,805
209	1	20,152	5,306	231	2,989	8,526	9,690	3,198	10,648	23,535	5,693
210	1	5,793	529	436	1,340	2,304	1,599	400	2,852	4,851	1,637
211	1	3,238	837	164	254	1,255	1,708	307	1,749	3,764	915
212	1	5,099	1,144	133	836	2,112	1,574	98	2,821	4,493	1,440
213	1	5,660	1,117	153	1,265	2,534	5,009	1,273	3,052	9,334	1,599
214	1	10,161	1,481	871	1,671	4,023	3,553	1,876	7,576	13,005	2,871
215	1	7,569	1,250	403	1,569	3,222	5,364	955	3,764	10,083	2,138
216	1	4,725	795	158	1,147	2,100	1,374	617	3,151	5,142	1,335
217	1	14,805	893	783	4,993	6,669	8,805	2,437	10,147	21,388	4,183
218	1	7,695	1,252	1,006	883	3,141	9,564	1,261	1,371	12,196	2,174

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
219	1	9,300	2,219	223	1,639	4,081	5,109	750	5,487	11,347	2,627
220	1	5,666	686	525	1,012	2,223	3,425	1,888	1,619	6,933	1,601
221	1	13,973	2,229	903	2,638	5,770	11,068	2,819	2,365	16,253	3,947
222	1	4,293	918	389	320	1,627	1,982	1,212	1,024	4,218	1,213
223	1	4,894	1,385	113	934	2,432	8,360	1,946	2,857	13,163	1,382
224	1	20,934	3,668	515	5,847	10,029	15,744	5,330	5,021	26,096	5,914
225	1	4,292	607	239	1,132	1,978	1,391	222	737	2,350	1,213
226	1	10,811	1,200	1,388	1,584	4,173	2,861	791	1,215	4,867	3,054
227	1	7,271	1,273	602	1,224	3,099	3,737	1,086	1,872	6,695	2,054
228	1	28,363	9,960	428	2,168	12,557	6,949	5,034	4,882	16,866	8,013
229	1	17,179	3,026	917	3,688	7,631	13,024	2,859	2,965	18,848	4,853
230	1	11,313	3,168	190	1,833	5,191	4,732	588	1,103	6,423	3,196
231	1	10,905	1,707	790	2,167	4,665	751	1,379	4,139	6,269	3,081
232	1	16,174	3,023	807	3,328	7,159	5,344	319	2,702	8,364	4,569
233	1	10,001	1,928	1,002	1,372	4,301	5,126	1,238	3,161	9,525	2,825
234	1	29,512	2,914	3,247	6,591	12,753	10,868	10,447	3,954	25,268	8,337
235	1	7,203	1,320	548	1,381	3,249	2,953	1,251	2,119	6,324	2,035
236	1	7,251	1,468	281	2,080	3,829	11,786	3,222	8,403	23,411	2,049
237	1	6,034	1,808	258	686	2,752	1,564	679	1,128	3,371	1,705
238	1	9,049	2,093	764	1,122	3,979	8,747	3,875	5,266	17,888	2,556
239	1	12,998	3,341	525	2,294	6,160	6,221	2,733	4,232	13,187	3,672
240	1	29,883	6,559	1,042	6,049	13,651	6,499	800	2,209	9,508	8,442
241	1	18,116	3,420	844	3,955	8,220	3,784	850	1,353	5,986	5,118
242	1	26,052	3,804	1,669	6,180	11,654	6,377	2,702	10,046	19,125	7,360
243	1	5,885	2,915	135	762	3,811	9,111	342	1,871	11,324	1,662
244	2	7,085	224	977	2,064	3,264	1,180	544	1,201	2,925	2,002
245	2	11,839	1,352	1,012	3,356	5,721	1,886	379	2,493	4,758	3,344
246	2	6,724	1,391	852	628	2,871	1,242	262	1,632	3,137	1,900
247	2	17,216	3,570	863	3,738	8,171	4,306	45	3,739	8,090	4,863
248	2	9,311	1,674	26	3,256	4,956	1,425	189	2,737	4,350	2,630
249	2	24,473	4,542	251	6,425	11,218	3,749	735	6,494	10,978	6,914
250	2	6,295	827	523	1,421	2,771	1,985	198	2,263	4,445	1,778
251	2	12,449	3,276	387	1,676	5,340	10,817	372	4,384	15,574	3,517
252	2	24,726	6,475	774	3,351	10,599	13,430	458	5,392	19,280	6,985
253	2	25,391	6,522	800	3,464	10,786	7,771	266	3,132	11,169	7,173
254	2	13,306	3,814	394	1,707	5,915	4,016	94	1,101	5,210	3,759
255	2	5,740	661	430	1,468	2,559	379	695	3,445	4,519	1,622
256	2	26,972	7,147	1,379	3,625	12,151	2,462	638	4,873	7,974	7,620
257	2	15,208	2,805	892	3,437	7,133	1,404	436	3,200	5,039	4,296
258	2	21,118	4,591	511	5,517	10,618	3,636	1,204	2,714	7,554	5,966
259	2	36,344	6,865	2,285	7,198	16,348	6,368	403	1,750	8,522	10,267
260	2	45,477	8,582	3,538	7,855	19,974	5,813	2,748	6,482	15,043	12,847
261	2	17,279	3,266	2,270	1,277	6,813	2,107	152	2,164	4,422	4,881
262	2	35,037	2,649	7,954	1,496	12,099	4,520	1,483	5,394	11,397	9,898
263	2	206	152	-	-	152	7,336	409	1,195	8,940	58
264	2	697	242	55	35	332	5,909	325	951	7,186	197
265	2	198	147	-	-	147	11,462	645	1,885	13,992	56
266	2	43,650	8,640	4,763	3,028	16,431	12,638	709	2,074	15,421	12,331
267	2	6,373	1,554	636	405	2,595	12,634	702	2,052	15,388	1,800
268	2	24,668	5,429	2,822	1,794	10,044	20,086	1,126	3,293	24,505	6,969
269	2	585	287	30	19	336	17,115	967	2,828	20,911	165
270	2	6,999	1,706	736	468	2,909	9,369	517	1,512	11,398	1,977
271	2	48,044	10,923	4,063	5,747	20,732	6,571	1,330	5,508	13,408	13,573
272	2	44,261	7,383	3,051	7,854	18,288	10,520	1,350	9,179	21,048	12,504
273	2	7,610	2,604	91	851	3,545	4,091	295	1,580	5,966	2,150
274	2	11,634	3,455	365	1,204	5,024	2,559	596	3,837	6,991	3,286
275	2	24,993	5,084	2,557	2,114	9,756	4,469	795	3,922	9,186	7,061
276	2	28,038	7,308	1,932	3,372	12,612	4,486	1,570	4,076	10,132	7,921
277	2	18,656	4,002	910	3,803	8,715	1,793	1,280	4,028	7,102	5,270
278	2	59,082	16,905	658	15,422	32,984	3,319	1,829	11,073	16,222	16,691
279	2	16,582	3,083	1,273	3,425	7,780	2,133	682	4,433	7,248	4,684
280	2	6,836	1,821	111	1,498	3,430	726	68	2,438	3,232	1,931
281	2	10,228	2,926	556	1,676	5,157	4,606	230	1,916	6,752	2,889
282	2	11,901	3,466	1,038	1,217	5,721	4,366	176	2,503	7,044	3,362
283	2	3,373	569	322	583	1,474	984	517	3,708	5,209	953
284	2	3,773	1,317	78	352	1,747	4,183	1,188	1,963	7,334	1,066
285	2	5,729	543	853	996	2,392	6,178	817	3,000	9,994	1,618
286	2	4,427	997	76	1,092	2,165	2,234	149	5,582	7,965	1,251
287	2	16,098	2,979	567	3,501	7,047	2,847	359	3,933	7,140	4,548
288	2	20,465	4,889	548	3,819	9,256	4,439	2,382	2,559	9,381	5,781
289	2	10,151	2,423	456	1,781	4,660	4,411	274	2,625	7,311	2,868
290	2	17,323	2,740	1,763	2,613	7,116	5,179	1,355	5,050	11,584	4,894
291	2	6,163	739	824	1,707	3,269	1,274	207	946	2,426	1,741
292	2	18,518	3,492	1,626	3,473	8,591	1,827	1,278	5,951	9,056	5,231
293	2	9,443	2,818	344	1,478	4,640	5,297	723	3,880	9,900	2,668
294	2	17,817	3,645	1,808	2,537	7,991	5,284	6,693	6,593	18,569	5,033

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
295	2	7,239	2,556	121	625	3,301	836	692	2,075	3,604	2,045
296	2	14,597	1,819	2,762	964	5,545	3,707	1,523	3,668	8,898	4,124
297	2	8,535	1,251	324	2,577	4,152	1,064	471	2,435	3,970	2,411
298	2	6,079	1,026	482	1,206	2,714	448	257	1,938	2,643	1,717
299	2	6,167	793	942	673	2,408	1,650	222	657	2,529	1,742
300	2	18,214	2,741	1,286	4,229	8,256	3,247	1,129	3,122	7,497	5,145
301	2	13,926	2,445	799	3,245	6,489	2,352	1,754	2,400	6,505	3,934
302	2	15,174	2,171	1,559	2,804	6,534	1,683	1,108	3,247	6,038	4,287
303	2	17,632	3,433	1,582	2,640	7,655	5,849	1,598	2,470	9,917	4,981
304	2	14,731	4,539	88	2,884	7,511	6,114	487	1,226	7,827	4,162
305	2	29,082	7,998	186	6,113	14,298	11,662	1,195	3,006	15,863	8,216
306	2	22,488	6,108	145	4,763	11,016	7,270	709	1,783	9,763	6,353
307	2	20,624	2,289	1,667	5,308	9,265	2,722	2,150	6,229	11,101	5,826
308	2	14,109	3,164	888	2,249	6,301	3,956	1,128	2,904	7,988	3,986
309	2	24,035	3,660	2,188	4,586	10,434	6,111	1,420	4,298	11,829	6,790
310	2	847	264	108	12	384	387	99	263	749	239
311	2	7,983	2,809	44	811	3,663	1,314	1,979	1,639	4,932	2,255
312	2	18,405	2,687	1,340	4,105	8,131	4,025	1,165	3,218	8,409	5,200
313	2	22,616	4,812	2,475	2,264	9,550	23,022	9,831	10,924	43,777	6,389
314	2	10,490	1,932	683	2,203	4,818	3,733	1,132	2,088	6,952	2,963
315	2	52,323	16,500	2,123	3,514	22,137	14,725	4,475	6,608	25,808	14,781
316	2	18,932	889	1,598	6,301	8,788	9,326	1,721	3,477	14,525	5,348
317	2	19,360	3,164	1,389	4,671	9,224	8,017	4,786	5,602	18,405	5,469
318	2	3,630	1,150	212	502	1,863	10,437	3,344	3,651	17,432	1,026
319	2	19,430	3,563	1,488	3,529	8,580	8,991	2,834	3,094	14,919	5,489
320	2	41,760	10,529	2,758	5,707	18,993	28,371	21,179	9,945	59,495	11,797
321	2	40,144	7,960	3,195	6,877	18,033	16,766	3,462	10,563	30,791	11,341
322	2	12,962	2,661	945	2,129	5,735	10,762	561	1,288	12,611	3,662
323	2	40,393	3,120	2,613	13,524	19,258	10,752	6,377	9,537	26,666	11,411
324	2	26,509	7,535	1,648	3,713	12,897	17,992	2,993	5,440	26,426	7,489
325	2	31,038	5,680	2,357	5,310	13,347	16,829	1,186	1,538	19,553	8,768
326	2	30,214	6,567	1,857	5,095	13,518	4,425	1,909	5,158	11,492	8,536
327	2	6,279	1,418	378	1,417	3,213	2,458	793	4,000	7,252	1,774
328	2	26,568	5,270	2,855	2,706	10,832	4,590	1,256	2,193	8,039	7,505
329	2	6,295	1,296	416	1,189	2,900	627	344	726	1,697	1,778
330	2	42,152	8,503	2,722	6,630	17,855	3,408	1,482	3,932	8,822	11,908
331	2	29,962	3,904	2,882	5,644	12,430	2,130	1,752	2,905	6,787	8,464
332	2	56,933	7,246	6,445	9,329	23,019	3,074	2,596	6,391	12,062	16,084
333	2	90,724	12,688	6,852	19,781	39,321	7,050	4,708	14,927	26,685	25,630
334	2	49,725	10,867	994	13,207	25,069	16,080	2,239	10,138	28,457	14,047
335	2	12,995	3,445	768	1,497	5,710	2,662	642	4,788	8,092	3,671
336	2	25,698	3,066	1,423	10,009	14,497	2,968	610	3,634	7,213	7,260
337	2	4,195	1,034	138	1,257	2,428	416	12	774	1,203	1,185
338	2	11,687	3,649	550	2,357	6,555	1,613	266	1,651	3,529	3,302
339	2	12,582	3,812	604	2,592	7,008	1,716	327	2,028	4,070	3,555
340	2	3,190	516	717	196	1,429	204	300	593	1,098	901
341	2	26,779	9,825	990	3,795	14,610	3,976	1,059	3,228	8,262	7,565
342	2	14,887	4,561	608	3,157	8,326	1,141	156	2,550	3,846	4,206
343	2	13,382	3,226	961	1,906	6,093	5,490	1,271	3,238	9,999	3,780
344	2	70,294	23,287	71	6,822	30,180	9,162	4,563	14,832	28,557	19,858
345	2	38,976	8,201	1,271	8,060	17,531	16,345	2,092	6,802	25,239	11,011
346	2	41,655	8,009	1,402	8,891	18,303	12,512	1,726	5,612	19,850	11,768
347	2	31,448	9,751	1,915	307	11,973	8,037	1,139	1,572	10,749	8,884
348	2	11,540	3,596	700	112	4,409	3,232	456	629	4,316	3,260
349	2	33,127	5,285	1,789	7,336	14,411	6,568	1,220	3,717	11,505	9,358
350	2	30,805	6,830	880	5,571	13,280	3,717	950	7,495	12,162	8,702
351	2	15,697	4,065	826	2,198	7,090	4,878	878	2,386	8,142	4,434
352	2	6,674	1,818	294	668	2,780	976	184	1,219	2,380	1,885
353	2	12,968	2,431	531	2,810	5,772	2,920	903	1,106	4,929	3,663
354	2	23,615	2,576	1,528	5,958	10,062	2,918	1,682	4,618	9,219	6,671
355	2	3,938	930	142	697	1,768	728	190	1,075	1,993	1,113
356	2	18,978	4,004	717	3,525	8,246	3,320	621	3,320	7,261	5,361
357	2	16,098	3,931	485	2,995	7,411	1,057	314	3,640	5,010	4,548
358	2	20,012	8,587	152	157	8,897	3,302	323	3,672	7,296	5,653
359	2	7,198	1,190	437	1,643	3,270	1,400	146	976	2,522	2,033
360	2	15,458	2,737	541	4,043	7,321	2,135	468	3,432	6,036	4,367
361	2	21,525	5,818	648	3,290	9,756	4,147	378	3,469	7,994	6,081
362	2	9,895	1,035	654	2,354	4,044	797	-	4,428	5,226	2,795
363	2	6,861	1,194	179	1,762	3,135	1,037	960	4,495	6,493	1,938
364	2	26,273	4,702	2,170	4,217	11,090	4,564	3,824	8,162	16,550	7,422
365	2	41,376	6,528	2,241	9,167	17,936	4,367	2,373	14,416	21,157	11,689
366	2	82,673	5,801	4,431	27,751	37,983	25,409	974	8,777	35,160	23,355
367	2	16,252	5,242	295	1,357	6,894	1,632	896	6,978	9,506	4,591
368	3	52,907	4,528	3,122	13,619	21,269	11,809	2,550	18,873	33,233	14,946
369	3	14,312	1,122	1,487	2,598	5,207	3,233	1,126	2,609	6,968	4,043
370	3	13,348	1,870	514	2,487	4,872	1,248	2,948	3,684	7,880	3,771

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
371	3	17,412	2,081	231	4,387	6,699	2,244	3,248	4,412	9,904	4,919
372	3	42,879	5,384	2,106	8,347	15,837	24,131	16,506	25,896	66,534	12,113
373	3	17,134	3,050	1,415	3,960	8,424	30,678	21,401	72,818	1,24,897	4,840
374	3	45,410	8,064	1,941	8,736	18,741	231	86	187	504	12,828
375	3	31,401	4,162	1,955	7,108	13,225	70	32	129	232	8,871
376	3	38,191	7,405	3,213	4,522	15,140	529	186	255	970	10,789
377	3	11,347	679	797	4,041	5,517	293	66	53	411	3,206
378	3	28,551	4,741	2,239	5,008	11,989	267	108	121	496	8,066
379	3	4,993	527	396	1,674	2,598	2,905	577	2,510	5,992	1,411
380	3	36,923	3,367	4,380	7,041	14,787	1,163	857	2,525	4,545	10,431
381	3	71,900	7,239	5,851	16,849	29,940	2,743	4,373	5,106	12,222	20,312
382	3	19,281	1,869	2,064	4,045	7,979	801	570	2,239	3,609	5,447
383	3	11,869	872	989	3,514	5,375	427	709	1,164	2,300	3,353
384	3	46,633	6,898	3,494	8,974	19,365	2,009	3,184	5,444	10,636	13,174
385	3	22,448	2,068	2,665	4,282	9,015	340	773	1,362	2,475	6,342
386	3	1,41,456	26,721	10,914	22,538	60,174	9,936	4,611	7,703	22,250	39,961
387	3	10,001	895	1,315	1,892	4,101	304	804	1,968	3,075	2,825
388	3	1,03,792	5,780	14,954	25,403	46,137	12,073	4,632	4,744	21,448	29,321
389	3	47,609	5,417	8,158	4,026	17,601	1,073	2,725	3,858	7,656	13,450
390	3	84,812	11,203	8,937	16,607	36,747	4,945	4,316	3,661	12,922	23,959
391	3	39,775	4,294	7,265	3,301	14,861	805	1,590	4,838	7,233	11,236
392	3	66,450	3,813	12,507	9,842	26,162	2,659	3,663	6,091	12,414	18,772
393	3	10,115	571	540	3,144	4,255	603	355	2,012	2,970	2,858
394	3	2,654	239	222	715	1,176	551	392	2,239	3,181	750
395	3	47,646	1,817	2,540	15,616	19,973	1,677	1,014	3,066	5,757	13,460
396	3	35,430	1,492	1,926	11,577	14,995	1,112	670	1,916	3,699	10,009
397	3	30,024	1,570	1,059	10,018	12,646	571	493	2,399	3,463	8,482
398	3	6,742	626	69	2,196	2,891	434	227	1,253	1,915	1,905
399	3	33,336	2,400	3,987	6,062	12,449	686	484	2,373	3,543	9,417
400	3	17,195	1,341	2,247	3,255	6,843	636	877	2,927	4,440	4,857
401	3	27,205	1,578	3,507	5,114	10,199	431	624	2,304	3,359	7,686
402	3	11,075	676	1,429	2,082	4,188	311	434	1,607	2,351	3,129
403	3	17,049	1,213	2,688	2,281	6,182	588	743	2,016	3,347	4,816
404	3	38,787	4,511	4,067	5,605	14,183	2,652	800	5,412	8,864	10,957
405	3	20,511	2,783	2,221	3,046	8,050	1,616	470	2,346	4,432	5,794
406	3	16,540	3,839	2,072	2,785	8,695	3,162	905	2,341	6,409	4,673
407	3	85,824	24,633	592	1,761	26,986	3,347	805	3,602	7,754	24,245
408	3	69,711	20,116	572	1,542	22,230	2,565	653	2,623	5,842	19,693
409	3	37,789	10,925	327	857	12,109	3,325	803	3,357	7,486	10,675
410	3	1,925	323	184	366	873	457	278	1,013	1,749	544
411	3	14,367	2,396	1,532	2,628	6,555	1,806	1,741	3,644	7,192	4,059
412	3	12,701	1,905	1,312	2,299	5,515	1,466	1,466	3,202	6,134	3,588
413	3	50,648	9,310	3,619	6,753	19,681	4,994	2,483	3,367	10,843	14,308
414	3	37,329	6,143	2,428	4,753	13,324	3,061	1,412	2,763	7,236	10,546
415	3	35,830	5,982	2,361	4,601	12,944	3,476	1,614	3,117	8,206	10,122
416	3	20,731	3,504	1,380	2,675	7,559	2,395	1,108	2,173	5,676	5,857
417	3	61,507	1,232	9,003	13,947	24,182	4,229	2,135	3,340	9,704	17,376
418	3	82,166	2,161	12,051	18,623	32,834	6,941	3,608	5,273	15,823	23,212
419	3	40,674	5,848	4,279	6,923	17,051	4,698	2,970	8,332	15,999	11,491
420	3	19,800	2,478	2,018	4,097	8,592	2,174	906	3,999	7,079	5,594
421	3	8,003	762	273	2,948	3,983	1,071	311	1,779	3,161	2,261
422	3	32,259	6,297	1,359	6,197	13,853	6,469	1,234	5,318	13,022	9,113
423	3	21,721	2,387	5,409	1,035	8,830	2,238	1,024	5,083	8,346	6,136
424	3	11,677	2,109	300	2,648	5,056	947	648	2,359	3,954	3,299
425	3	22,736	3,539	2,806	2,735	9,081	1,705	2,437	3,399	7,540	6,423
426	3	41,614	4,476	3,878	10,295	18,650	4,984	4,388	8,044	17,416	11,756
427	3	19,287	1,178	4,233	2,669	8,080	2,771	1,165	3,305	7,241	5,449
428	3	36,565	4,370	5,452	5,179	15,001	4,532	2,151	6,135	12,818	10,330
429	3	24,346	6,177	1,013	2,555	9,744	3,822	620	4,670	9,111	6,878
430	3	22,390	2,702	2,315	4,586	9,602	3,810	610	3,630	8,050	6,325
431	3	23,466	5,197	1,633	2,587	9,416	5,206	1,582	2,608	9,397	6,629
432	3	22,087	4,997	1,578	2,480	9,055	5,037	1,552	2,457	9,045	6,239
433	3	38,128	4,523	2,828	9,613	16,964	3,061	1,656	7,554	12,271	10,771
434	3	5,919	894	581	1,092	2,567	823	387	1,760	2,970	1,672
435	3	36,850	5,249	4,313	6,252	15,814	6,569	2,190	3,223	11,982	10,410
436	3	6,092	141	159	2,905	3,205	1,032	200	664	1,895	1,721
437	3	26,975	8,597	1,717	2,502	12,816	11,729	7,202	11,683	30,614	7,620
438	3	26,667	7,698	1,169	1,836	10,704	8,350	4,372	6,871	19,594	7,533
439	3	25,984	3,343	3,156	2,850	9,349	2,140	1,078	4,710	7,928	7,341
440	3	9,757	2,268	818	1,633	4,719	4,295	3,588	7,286	15,168	2,756
441	3	31,997	3,275	3,633	7,831	14,740	3,273	1,642	10,803	15,718	9,039
442	3	18,110	3,335	1,411	3,237	7,983	3,890	1,931	5,098	10,920	5,116
443	3	38,113	2,226	5,283	9,036	16,544	8,725	767	5,385	14,878	10,767
444	3	38,256	2,369	5,312	9,064	16,745	8,057	744	4,956	13,758	10,807
445	3	7,860	699	814	1,976	3,488	2,192	1,280	4,837	8,310	2,221
446	3	6,404	1,136	328	1,245	2,709	493	416	1,854	2,763	1,809

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
447	3	13,013	1,583	1,810	2,515	5,908	1,765	1,725	2,262	5,752	3,676
448	3	30,701	3,709	3,317	7,065	14,091	5,047	1,243	7,061	13,351	8,673
449	3	17,839	4,264	1,820	430	6,514	1,684	699	3,701	6,084	5,039
450	3	57,146	12,748	2,234	8,176	23,157	8,559	1,227	12,202	21,988	16,144
451	3	33,219	7,503	2,710	3,896	14,109	10,454	5,873	9,372	25,700	9,384
452	3	6,372	1,032	356	1,561	2,949	860	1,225	2,467	4,551	1,800
453	3	9,573	3,087	1,255	697	5,039	3,521	800	2,673	6,994	2,704
454	3	24,942	1,432	3,621	7,100	12,153	17,126	3,096	19,815	40,037	7,046
455	3	11,854	1,555	1,469	1,908	4,933	939	1,753	3,340	6,032	3,349
456	3	17,691	3,281	584	3,523	7,388	507	574	3,905	4,987	4,998
457	3	15,004	1,880	1,318	3,177	6,376	612	651	4,149	5,412	4,239
458	3	7,830	701	1,155	1,522	3,378	902	371	1,870	3,143	2,212
459	3	12,693	3,749	1,586	2,712	8,048	3,990	769	2,116	6,875	3,586
460	3	6,931	1,249	501	1,081	2,830	582	279	1,187	2,048	1,958
461	3	67,775	3,800	16,830	8,575	29,206	10,123	1,610	10,697	22,431	19,146
462	3	63,274	13,094	4,304	7,415	24,813	2,110	4,913	17,169	24,192	17,875
463	3	16,307	1,035	4,525	1,136	6,697	1,834	3,583	4,616	10,033	4,607
464	3	17,480	3,914	2,300	2,946	9,160	8,431	23,149	9,626	41,206	4,938
465	3	74,403	4,567	12,400	13,272	30,238	21,209	7,710	10,025	38,944	21,019
466	3	44,079	4,763	4,172	9,824	18,758	9,867	10,413	13,644	33,924	12,452
467	3	21,195	2,166	2,805	4,046	9,017	12,603	5,346	7,519	25,468	5,988
468	2	12,694	312	-	6,754	7,066	1,118	2,809	199	4,126	3,586
469	2	6,935	1,424	104	1,763	3,291	1,338	818	1,918	4,074	1,959
470	2	52,276	14,691	1,514	5,896	22,101	10,498	5,455	13,895	29,848	14,768
471	2	6,506	886	575	1,214	2,676	2,519	724	2,315	5,558	1,838
472	2	16,183	4,238	778	1,639	6,655	3,520	2,167	4,123	9,810	4,572
473	2	6,733	948	805	812	2,566	1,353	595	1,572	3,520	1,902
474	2	25,076	4,029	1,837	4,925	10,791	14,334	3,816	6,562	24,712	7,084
475	2	4,022	650	231	861	1,742	2,785	678	1,169	4,631	1,136
476	2	39,137	4,635	4,868	5,750	15,252	12,319	6,757	8,430	27,506	11,056
477	2	9,028	2,079	559	1,038	3,676	2,392	1,118	2,438	5,948	2,550
478	2	38,860	7,744	2,717	5,971	16,432	15,449	2,260	8,677	26,386	10,978
479	2	34,707	5,821	3,004	5,782	14,607	12,694	4,039	6,472	23,205	9,805
480	2	10,539	3,165	351	1,175	4,692	3,118	1,754	3,404	8,276	2,977
481	2	7,772	1,648	475	1,289	3,411	2,060	1,428	2,764	6,253	2,196
482	2	6,323	2,332	62	387	2,782	1,416	914	1,593	3,924	1,786
483	2	8,221	2,545	252	694	3,491	1,362	995	3,010	5,367	2,323
484	2	8,925	965	395	2,645	4,006	737	1,510	3,090	5,338	2,521
485	2	11,024	3,686	157	1,044	4,886	3,113	1,241	3,282	7,637	3,114
486	2	24,264	804	2,969	6,584	10,357	2,993	3,121	7,811	13,925	6,855
487	2	49,084	6,599	3,761	10,010	20,370	4,066	3,357	10,446	17,869	13,866
488	2	51,780	8,213	5,249	7,112	20,574	2,258	2,693	8,692	13,643	14,628
489	2	1,45,675	6,268	35,915	1,510	43,693	10,149	13,634	26,352	50,134	41,153
490	2	1,33,805	23,243	8,507	23,670	55,419	11,664	6,946	20,793	39,403	37,800
491	2	69,815	12,302	4,419	12,296	29,017	8,711	5,079	15,203	28,993	19,723
492	2	34,397	4,697	2,891	6,454	14,042	1,182	3,526	8,042	12,749	9,717
493	2	31,794	5,821	3,018	2,120	10,960	803	712	2,771	4,287	8,982
494	2	33,487	3,869	3,382	4,738	11,989	7,416	1,234	4,433	13,083	9,460
495	2	36,911	4,535	3,684	5,161	13,381	5,868	924	3,321	10,113	10,427
496	2	1,21,717	13,903	12,317	17,258	43,478	11,799	1,963	7,055	20,817	34,385
497	2	34	26	-	-	26	38	-	-	38	10
498	2	21,206	5,246	693	2,425	8,364	3,357	623	1,513	5,493	5,991
499	2	37,512	8,894	1,244	4,351	14,489	5,207	1,042	2,530	8,779	10,597
500	2	7,621	3,511	287	968	4,766	5,082	-	1,987	7,069	2,153
501	2	17,854	5,658	1,196	2,575	9,429	16,729	7,392	7,695	31,817	5,044
502	2	17,873	3,728	1,510	3,242	8,480	5,457	1,856	2,870	10,183	5,049
503	2	22,497	3,803	1,649	4,662	10,114	1,077	430	1,561	3,069	6,355
504	2	29,370	4,857	2,167	6,125	13,150	1,677	804	2,919	5,400	8,297
505	2	35,401	7,794	2,873	4,371	15,038	3,128	1,123	2,689	6,939	10,001
506	2	37,116	8,159	2,591	4,685	15,435	12,464	3,511	6,806	22,781	10,485
507	2	68,442	13,985	4,495	10,522	29,002	20,168	5,235	11,409	36,812	19,335
508	2	41,267	7,289	2,821	7,963	18,072	10,290	6,934	10,217	27,440	11,658
509	2	30,968	7,635	980	4,969	13,585	6,157	4,325	7,040	17,522	8,749
510	2	9,723	1,635	725	1,725	4,084	1,765	1,159	2,037	4,961	2,747
511	2	35,840	5,504	3,186	6,079	14,768	7,017	3,817	7,354	18,188	10,125
512	2	24,481	3,078	1,499	6,452	11,029	9,724	1,437	2,616	13,777	6,916
513	2	16,433	1,986	1,014	4,364	7,365	6,632	1,005	1,830	9,467	4,642
514	2	12,665	2,942	1,437	342	4,720	1,850	1,598	4,091	7,538	3,578
515	2	3,411	980	141	439	1,560	1,330	831	2,019	4,180	964
516	2	9,451	2,516	526	854	3,896	2,150	1,791	947	4,888	2,670
517	2	4,151	805	256	688	1,749	399	442	1,101	1,943	1,173
518	2	10,391	1,428	414	3,098	4,940	5,523	1,519	6,846	13,888	2,936
519	2	28,489	10,333	540	2,555	13,428	12,059	6,767	9,315	28,141	8,048
520	2	9,765	3,274	371	577	4,222	2,961	1,377	3,026	7,364	2,759
521	2	12,841	3,583	542	1,515	5,640	2,207	1,407	4,389	8,003	3,628
522	2	33,484	9,675	1,325	2,494	13,494	7,884	695	2,370	10,949	9,459

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
523	2	41,699	12,434	1,616	3,042	17,092	10,153	784	2,675	13,613	11,780
524	2	27,301	7,821	1,086	2,045	10,951	5,948	533	1,819	8,301	7,713
525	2	27,574	7,954	1,092	2,056	11,102	7,059	624	2,127	9,810	7,790
526	2	9,480	1,035	1,326	1,118	3,478	1,245	230	1,541	3,016	2,678
527	2	10,762	1,929	880	1,425	4,234	992	453	2,146	3,591	3,040
528	2	26,322	6,709	374	4,550	11,633	8,462	247	2,282	10,991	7,436
529	2	49,778	12,330	717	8,732	21,780	11,548	352	3,249	15,149	14,062
530	2	17,313	5,740	506	1,670	7,916	5,539	371	1,562	7,471	4,891
531	2	9,873	1,742	393	2,117	4,252	1,143	182	1,715	3,041	2,789
532	2	10,735	2,527	380	1,723	4,629	3,045	406	1,026	4,477	3,033
533	2	20,971	3,524	1,004	4,397	8,925	1,643	194	4,183	6,021	5,924
534	2	11,191	2,482	523	1,598	4,603	846	276	2,215	3,338	3,161
535	2	3,809	854	177	541	1,573	260	71	658	989	1,076
536	2	38,025	7,743	2,131	6,472	16,346	12,967	446	1,514	14,928	10,742
537	2	6,017	1,268	274	993	2,535	588	263	1,045	1,897	1,700
538	2	47,431	12,381	2,133	6,236	20,749	12,249	334	1,858	14,441	13,399
539	2	47,385	12,429	2,135	6,242	20,806	13,066	355	1,976	15,397	13,386
540	2	58,470	15,256	2,642	7,725	25,623	12,444	335	1,864	14,642	16,518
541	2	40,495	10,711	1,816	5,310	17,837	10,802	282	1,573	12,657	11,440
542	2	15,704	8,245	583	1,264	10,091	8,421	318	1,034	9,772	4,436
543	2	34,615	5,371	2,649	6,808	14,828	9,625	2,949	10,087	22,661	9,779
544	2	5,804	1,484	263	1,081	2,829	4,460	195	842	5,496	1,639
545	2	16,484	1,423	1,579	3,892	6,893	2,697	996	3,422	7,114	4,657
546	2	6,273	2,313	78	425	2,816	2,133	88	653	2,874	1,772
547	2	6,986	1,463	488	1,188	3,139	1,578	488	1,544	3,610	1,973
548	2	4,205	832	284	904	2,020	1,455	354	1,485	3,294	1,188
549	2	15,527	2,952	817	3,319	7,088	2,974	615	3,494	7,083	4,386
550	2	46,215	8,594	3,253	7,758	19,606	4,406	1,437	5,402	11,245	13,056
551	2	48,542	8,707	4,232	7,246	20,184	5,864	2,529	8,337	16,731	13,713
552	2	8,125	1,196	1,198	743	3,137	2,998	281	948	4,227	2,295
553	2	39,062	4,783	3,929	7,612	16,324	1,477	1,725	5,866	9,068	11,035
554	2	87,084	17,782	7,044	11,020	35,847	11,815	3,072	5,147	20,034	24,601
555	2	18,629	2,145	1,242	4,909	8,296	1,105	1,315	3,080	5,500	5,263
556	2	37,932	6,194	2,485	7,312	15,991	8,404	2,635	3,176	14,214	10,716
557	2	12,857	1,806	1,620	1,970	5,397	2,940	2,252	2,766	7,958	3,632
558	2	17,144	4,934	863	1,758	7,555	3,390	1,692	3,064	8,146	4,843
559	2	23,365	3,977	975	5,540	10,492	4,534	2,210	3,807	10,550	6,600
560	2	66,564	14,265	4,086	10,411	28,761	19,032	2,289	8,672	29,993	18,804
561	2	21,630	4,402	1,072	3,453	8,927	5,967	903	2,030	8,900	6,111
562	2	50,153	8,049	5,660	5,342	19,050	9,921	5,146	8,611	23,678	14,168
563	2	10,623	3,667	166	517	4,349	1,188	2,051	1,704	4,943	3,001
564	2	37,295	5,306	3,309	6,285	14,901	6,106	2,543	3,979	12,628	10,536
565	2	47,994	6,860	4,254	8,079	19,193	7,741	3,147	4,925	15,812	13,558
566	2	1,045	452	77	74	603	1,558	312	1,574	3,443	295
567	2	12,353	2,943	645	1,772	5,360	2,486	3,173	1,991	7,651	3,490
568	2	51,646	14,663	1,757	4,702	21,121	7,384	3,787	9,761	20,932	14,590
569	2	8,930	1,750	827	830	3,408	1,250	282	1,626	3,159	2,523
570	2	9,755	1,724	858	1,217	3,799	493	945	2,170	3,609	2,756
571	2	18,224	4,306	866	2,244	7,417	3,607	789	1,638	6,033	5,148
572	2	8,738	1,188	841	1,387	3,416	586	1,230	1,069	2,885	2,469
573	2	11,582	1,993	975	1,602	4,569	2,888	350	1,480	4,717	3,272
574	2	14,876	2,240	1,126	2,680	6,046	1,663	898	2,368	4,928	4,202
575	2	11,892	2,035	1,003	1,647	4,685	3,030	458	1,059	4,547	3,359
576	2	80,664	20,316	3,374	9,431	33,121	15,781	4,156	5,788	25,725	22,788
577	2	46,453	12,466	1,595	6,030	20,091	6,223	1,651	5,422	13,297	13,123
578	2	6,442	1,485	295	1,250	3,030	1,334	298	882	2,514	1,820
579	2	5,496	350	714	1,128	2,192	383	411	791	1,585	1,553
580	2	30,453	5,849	5,048	-	10,898	5,852	878	2,335	9,065	8,603
581	2	74,477	11,324	5,557	15,686	32,567	6,780	2,547	8,178	17,506	21,040
582	2	51,532	7,921	4,060	10,442	22,423	9,251	5,188	6,559	20,997	14,558
583	2	15,428	2,137	1,247	3,207	6,591	2,764	1,617	2,044	6,425	4,358
584	2	14,432	1,881	1,182	3,041	6,104	1,798	1,145	1,448	4,392	4,077
585	2	11,681	1,536	955	2,457	4,948	1,430	905	1,144	3,480	3,300
586	2	21,567	2,836	1,763	4,536	9,134	3,009	1,855	2,345	7,210	6,093
587	2	29,975	4,120	2,292	6,470	12,882	1,735	1,428	6,781	9,943	8,468
588	2	9,455	2,836	345	885	4,066	531	494	2,460	3,485	2,671
589	2	8,059	295	678	2,596	3,569	305	349	1,796	2,450	2,277
590	2	3,713	494	393	622	1,509	413	316	1,956	2,685	1,049
591	2	5,704	920	756	437	2,113	278	171	515	964	1,611
592	3	3,050	458	529	157	1,144	307	1,143	2,409	3,859	862
593	3	29,773	2,428	3,441	6,882	12,751	7,759	4,959	8,257	20,975	8,411
594	3	0	0	0	0	0	0	-	0	0	0
595	3	12,615	2,116	1,087	3,177	6,379	8,074	3,344	4,638	16,057	3,564
596	3	3,667	242	125	1,608	1,975	342	471	857	1,670	1,036
597	3	7,541	924	1,013	1,451	3,388	1,075	1,171	2,678	4,924	2,130
598	3	6,126	758	824	1,178	2,761	665	1,063	2,342	4,070	1,731

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
599	3	7,201	947	899	1,088	2,934	1,226	1,293	3,235	5,754	2,034
600	3	36,133	9,064	2,027	3,089	14,180	3,037	5,459	12,809	21,306	10,208
601	3	24,659	1,389	2,677	6,993	11,059	9,843	4,034	6,326	20,204	6,966
602	3	46,624	4,371	6,926	7,944	19,241	5,809	8,218	10,760	24,787	13,171
603	3	50,355	9,938	5,104	8,267	23,308	6,582	3,001	5,232	14,815	14,225
604	3	13,972	2,357	2,174	1,750	6,281	2,756	3,815	2,956	9,526	3,947
605	3	10,209	2,096	413	1,661	4,170	347	575	1,588	2,511	2,884
606	3	32,137	6,773	2,986	3,673	13,433	3,784	4,177	2,893	10,854	9,079
607	3	60,433	5,908	6,666	14,069	26,643	4,529	7,714	9,006	21,250	17,072
608	3	58,383	4,578	8,121	12,059	24,757	2,162	3,470	7,359	12,990	16,493
609	3	38,325	5,571	4,796	6,291	16,658	6,213	8,682	5,834	20,728	10,827
610	3	21,709	5,485	406	3,540	9,430	2,596	3,491	2,200	8,287	6,133
611	3	16,238	2,114	1,164	3,802	7,080	1,142	1,331	1,969	4,443	4,587
612	3	23,519	4,728	1,935	4,515	11,178	3,143	5,287	4,843	13,272	6,644
613	3	8,707	637	1,135	2,047	3,820	454	865	1,752	3,071	2,460
614	3	35,999	5,434	5,305	3,796	14,534	2,583	5,913	5,642	14,138	10,170
615	3	1,908	412	279	408	1,099	6,232	1,938	3,426	11,596	539
616	3	2,507	561	369	536	1,466	5,285	1,658	2,819	9,762	708
617	3	16,881	1,623	2,302	3,569	7,495	3,699	1,180	2,003	6,882	4,769
618	3	11,585	1,692	1,629	2,461	5,782	9,181	3,012	4,860	17,053	3,273
619	3	1,02,108	12,713	15,260	12,949	40,922	838	2,178	4,634	7,650	28,845
620	3	15,284	2,387	1,772	1,890	6,049	365	1,106	1,714	3,185	4,318
621	3	12,212	1,520	1,534	2,101	5,155	925	1,609	2,793	5,327	3,450
622	3	12,004	2,449	585	2,184	5,219	1,171	708	1,902	3,780	3,391
623	3	28,499	7,987	1,555	2,722	12,263	6,173	2,270	4,565	13,009	8,051
624	3	12,566	2,949	915	2,357	6,221	1,685	711	2,351	4,747	3,550
625	3	29,079	8,033	934	3,137	12,104	2,481	3,154	2,080	7,715	8,215
626	3	32,957	4,144	2,592	8,049	14,786	3,494	918	4,851	9,263	9,310
627	3	14,358	2,453	789	2,859	6,101	1,865	1,283	4,240	7,389	4,056
628	3	9,287	2,262	67	1,585	3,915	1,197	463	1,985	3,645	2,624
629	3	22,818	2,654	1,891	5,716	10,262	2,071	1,731	8,600	12,401	6,446
630	3	31,770	3,979	1,747	8,134	13,859	6,378	2,337	8,771	17,486	8,975
631	3	27,169	3,183	3,096	5,669	11,948	5,400	7,194	11,069	23,663	7,675
632	3	32,772	5,015	1,217	8,416	14,648	7,300	3,605	10,260	21,165	9,258
633	3	15,659	2,220	2,143	2,370	6,733	3,240	3,183	6,323	12,746	4,424
634	3	17,805	2,771	1,070	4,128	7,969	2,149	2,085	5,641	9,875	5,030
635	3	17,245	2,613	1,206	3,587	7,406	1,959	2,606	2,810	7,376	4,872
636	3	28,202	5,133	2,853	3,207	11,193	1,575	1,522	8,799	11,895	7,967
637	3	11,432	782	1,866	2,599	5,247	1,758	2,307	5,099	9,164	3,229
638	3	17,416	5,549	263	721	6,533	2,061	1,089	5,244	8,394	4,920
639	3	31,712	1,440	4,255	8,407	14,102	1,198	1,202	6,108	8,508	8,959
640	2	53,392	7,837	4,089	10,883	22,809	4,522	218	1,640	6,380	15,083
1001	11	8,969	918	2,592	1,321	4,831	818	151	496	1,465	2,534
1002	11	7,874	897	2,641	1,350	4,887	1,226	223	872	2,321	2,224
1003	11	6,871	554	1,737	892	3,183	501	90	404	995	1,941
1004	11	13,943	5,623	2,485	1,770	9,878	1,166	463	779	2,408	3,939
1005	11	2,706	1,105	62	159	1,326	79	68	171	319	765
1006	11	7,453	1,649	1,087	1,136	3,872	178	150	522	850	2,105
1007	11	6,089	1,084	728	750	2,562	338	316	1,090	1,745	1,720
1008	11	14,914	2,683	1,751	1,843	6,278	690	650	2,255	3,595	4,213
1009	11	3,357	556	364	382	1,303	184	176	608	968	948
1010	11	3,787	685	461	474	1,620	165	155	538	857	1,070
1011	11	21,650	4,767	3,579	2,672	11,018	709	626	739	2,074	6,116
1012	11	15,771	3,488	2,913	2,063	8,463	1,065	805	885	2,754	4,455
1013	11	4,231	672	512	463	1,647	420	355	239	1,014	1,195
1014	11	4,549	791	652	558	2,001	390	302	206	898	1,285
1015	11	3,779	716	711	539	1,966	387	247	165	799	1,068
1016	11	5,770	971	804	1,356	3,131	3,223	4,366	3,835	11,423	1,630
1017	11	11,489	1,606	1,327	2,242	5,175	911	1,024	932	2,868	3,246
1018	11	5,632	758	482	1,093	2,333	618	854	770	2,242	1,591
1019	11	3,990	558	345	807	1,710	241	334	309	884	1,127
1020	11	9,354	1,210	768	1,745	3,723	913	1,263	1,143	3,318	2,642
1021	11	8,493	1,041	1,233	1,141	3,415	473	257	721	1,451	2,399
1022	11	47,018	9,737	3,671	5,719	19,128	991	2,532	2,537	6,059	13,283
1023	11	18,989	4,039	1,519	2,371	7,929	594	1,530	1,492	3,616	5,364
1024	11	23,876	3,566	2,781	3,573	9,920	2,146	2,189	3,073	7,408	6,745
1025	11	4	2	4	2	8	0	0	0	1	1
1026	11	28,872	4,552	3,516	4,559	12,627	825	830	1,249	2,904	8,156
1027	11	11,303	715	4,639	1,252	6,606	1,122	577	615	2,313	3,193
1028	11	16,189	734	6,554	1,565	8,852	1,502	869	869	3,239	4,573
1029	11	6,119	2,225	1,400	679	4,304	595	478	773	1,846	1,729
1030	11	7,881	2,703	721	333	3,757	300	235	520	1,055	2,226
1031	11	14,435	4,929	1,142	520	6,591	567	481	1,081	2,130	4,078
1032	11	16,946	5,864	2,764	1,325	9,954	880	773	1,177	2,830	4,787
1033	11	4,576	1,128	1,317	593	3,038	177	134	114	425	1,293
1034	11	22,711	4,923	4,340	1,807	11,069	1,835	564	1,918	4,316	6,416

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1035	11	6,712	1,551	1,467	624	3,642	1,328	412	1,377	3,117	1,896
1036	11	10,041	2,317	2,447	1,074	5,838	541	268	495	1,304	2,836
1037	11	8,614	1,831	1,471	593	3,895	189	62	246	497	2,434
1038	11	4,168	905	802	334	2,041	192	71	207	470	1,177
1039	11	2,313	572	695	316	1,583	217	109	194	520	654
1040	11	8,704	1,131	1,298	1,410	3,839	200	128	244	572	2,459
1041	11	4,481	583	672	727	1,981	104	67	127	298	1,266
1042	11	12,446	1,725	1,980	2,150	5,855	331	216	399	945	3,516
1043	11	12,642	1,593	1,874	1,978	5,445	445	304	516	1,265	3,571
1044	11	14,610	1,874	2,238	2,321	6,433	521	355	594	1,470	4,127
1045	11	19,569	2,786	3,748	3,380	9,914	1,327	965	1,352	3,645	5,528
1046	11	8,723	1,180	1,410	1,462	4,052	202	129	230	561	2,464
1047	11	5,858	1,001	1,478	1,192	3,671	222	194	153	568	1,655
1048	11	15,212	1,960	2,548	2,393	6,901	728	514	742	1,984	4,297
1049	11	10,663	1,493	1,801	1,846	5,140	603	399	666	1,669	3,012
1050	11	5,268	851	515	1,017	2,383	527	138	471	1,136	1,488
1051	11	9,360	1,489	942	1,777	4,208	674	177	598	1,449	2,644
1052	11	3,408	596	364	713	1,673	192	50	175	417	963
1053	11	3,497	586	350	702	1,638	258	68	234	559	988
1054	11	6,006	961	580	1,149	2,689	471	123	425	1,020	1,697
1055	11	12,437	1,886	1,128	2,256	5,271	813	216	743	1,771	3,513
1056	11	11,158	1,783	1,176	2,124	5,082	1,148	309	1,012	2,468	3,152
1057	11	13,098	2,149	1,398	2,562	6,109	1,294	359	1,142	2,795	3,700
1058	11	10,140	1,565	942	1,871	4,378	548	144	507	1,199	2,865
1059	11	4,317	1,246	161	291	1,699	130	108	571	809	1,220
1060	11	9,122	3,073	496	759	4,328	884	738	3,812	5,435	2,577
1061	11	10,965	3,813	504	896	5,214	301	247	1,305	1,854	3,098
1062	11	5,148	1,489	197	350	2,036	220	183	961	1,364	1,454
1063	11	7,947	2,312	672	695	3,679	463	265	1,312	2,040	2,245
1064	11	16,244	3,998	530	940	5,469	401	331	1,757	2,489	4,589
1065	11	13,046	3,236	566	818	4,620	494	358	1,864	2,716	3,685
1066	11	12,547	3,550	490	843	4,882	362	302	1,563	2,227	3,545
1067	11	11,268	2,927	372	682	3,982	254	210	1,116	1,580	3,183
1068	11	15,190	4,130	516	958	5,604	250	203	1,103	1,555	4,291
1069	11	6,700	1,992	549	586	3,127	375	219	1,093	1,687	1,893
1070	11	3,714	1,115	357	349	1,821	209	131	601	941	1,049
1071	11	14,302	4,019	521	940	5,480	179	142	777	1,098	4,040
1072	11	8,727	2,473	370	599	3,442	310	255	1,331	1,897	2,465
1073	11	10,946	2,149	2,932	2,771	7,852	2,117	270	477	2,863	3,092
1074	11	5,557	724	506	1,063	2,293	765	108	279	1,152	1,570
1075	11	2,263	291	195	429	915	312	41	114	467	639
1076	11	9,887	1,734	1,638	2,084	5,455	968	748	863	2,578	2,793
1077	11	4,731	576	976	1,153	2,705	436	106	222	765	1,336
1078	11	6,315	679	990	1,681	3,350	574	152	408	1,135	1,784
1079	11	-	-	-	-	-	-	-	-	-	-
1080	11	12,072	1,236	1,777	3,110	6,123	1,439	388	1,047	2,874	3,410
1081	11	7,819	2,335	1,780	502	4,617	605	167	1,600	2,371	2,209
1082	11	18,956	3,289	1,670	2,355	7,314	951	706	2,761	4,418	5,355
1083	11	5,799	1,002	755	714	2,471	193	482	574	1,249	1,638
1084	11	4,094	715	504	501	1,719	108	306	368	782	1,157
1085	11	1,080	205	190	155	550	57	89	104	251	305
1086	11	11,106	2,190	899	1,894	4,983	262	1,093	1,183	2,538	3,137
1087	11	7,912	1,112	745	1,546	3,403	172	627	477	1,275	2,235
1088	11	12,511	1,730	864	2,467	5,061	145	1,198	911	2,254	3,534
1089	11	2,956	448	339	614	1,401	82	190	145	417	835
1090	11	19,869	2,701	1,404	3,840	7,945	2,812	3,871	2,831	9,514	5,613
1091	11	11,560	2,420	416	2,660	5,496	552	373	661	1,586	3,266
1092	11	11,957	2,498	411	2,746	5,655	570	385	685	1,639	3,378
1093	11	12,199	2,462	297	2,707	5,466	606	405	747	1,758	3,446
1094	11	9,875	1,968	355	2,163	4,486	538	368	645	1,551	2,790
1095	11	1,731	312	26	343	681	141	96	175	412	489
1096	11	8,508	1,710	354	1,878	3,942	470	328	553	1,352	2,403
1097	11	3,969	794	324	870	1,988	420	219	382	1,021	1,121
1098	11	13,689	2,710	267	2,980	5,957	2,402	1,648	2,941	6,991	3,867
1099	11	9,841	1,862	306	2,046	4,214	1,596	1,053	1,873	4,522	2,780
1100	11	12,437	2,420	239	2,661	5,321	660	444	823	1,927	3,513
1101	11	12,289	2,575	608	2,828	6,011	661	440	736	1,836	3,472
1102	11	6,261	1,132	76	1,245	2,453	1,400	965	1,718	4,083	1,769
1103	11	17,843	3,516	296	3,868	7,680	794	532	1,002	2,329	5,041
1104	11	10,148	1,990	248	2,187	4,425	542	366	669	1,578	2,867
1105	11	9,659	1,902	266	2,091	4,259	519	349	635	1,503	2,729
1106	11	9,184	1,826	313	2,006	4,145	500	344	601	1,445	2,594
1107	11	1,788	343	304	241	889	142	48	148	337	505
1108	11	3,279	563	363	355	1,282	170	77	263	510	926
1109	11	4,736	880	707	596	2,183	509	201	648	1,358	1,338
1110	11	11,703	1,966	1,262	1,240	4,468	734	334	1,133	2,200	3,306

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1111	11	6,375	1,038	681	659	2,378	722	330	1,094	2,145	1,801
1112	11	1,503	273	175	172	620	108	49	165	321	424
1113	11	2,828	523	413	352	1,288	301	121	389	811	799
1114	11	2,430	469	421	331	1,222	198	65	200	463	686
1251	7	279	48	20	49	117	15	21	10	46	79
1252	7	2,944	502	254	536	1,293	164	269	100	533	832
1253	7	3,627	370	945	211	1,526	241	184	183	608	1,025
1254	7	2,841	283	733	133	1,149	188	93	149	430	803
1255	7	2,996	443	534	385	1,362	102	141	211	454	846
1256	7	2,930	921	529	60	1,510	310	169	321	800	828
1257	7	5,045	184	489	1,430	2,104	198	584	125	907	1,425
1258	7	3,925	454	305	971	1,730	378	211	99	688	1,109
1259	7	4,697	630	433	1,023	2,086	239	273	255	767	1,327
1260	7	2,261	260	247	468	974	198	140	44	381	639
1261	7	1,163	132	73	286	492	36	92	56	184	329
1262	7	1,304	155	101	331	587	85	98	41	224	368
1263	7	924	109	62	234	405	60	73	30	163	261
1264	7	1,417	170	120	360	650	97	131	44	272	400
1265	7	1,110	136	114	283	533	70	98	33	200	314
1266	7	506	66	94	129	289	30	31	12	72	143
1267	7	4,352	349	97	1,351	1,798	435	102	139	676	1,230
1268	7	8	1	2	2	6	1	2	0	4	2
1269	7	3,816	214	347	1,042	1,603	328	157	133	619	1,078
1270	7	6,692	350	550	1,829	2,729	573	236	240	1,049	1,891
1271	7	3,513	396	200	864	1,460	364	38	133	534	992
1272	7	4,815	326	247	1,393	1,966	143	149	384	676	1,360
1273	7	6,652	752	397	1,637	2,785	303	377	361	1,041	1,879
1274	7	3,810	799	166	717	1,682	159	209	234	601	1,076
1275	7	2,165	455	89	406	950	91	111	134	336	611
1276	7	796	167	34	150	351	33	35	49	117	225
1277	7	4,821	986	241	916	2,143	178	221	338	738	1,362
1278	7	3,169	362	218	782	1,362	82	183	214	479	895
1279	7	1,887	605	169	79	853	185	37	69	290	533
1280	7	5,337	1,577	353	633	2,563	239	242	106	587	1,508
1281	7	4,297	1,289	254	491	2,034	311	264	125	700	1,214
1282	7	2,160	675	86	221	981	162	123	66	351	610
1283	7	1,163	363	45	118	526	87	67	36	190	328
1284	7	14,372	1,917	2,597	2,140	6,655	966	1,103	662	2,732	4,060
1285	7	16,646	3,263	2,041	2,865	8,169	1,108	1,454	630	3,191	4,703
1286	7	8,313	1,734	639	1,238	3,611	407	538	365	1,310	2,348
1287	7	51,343	8,314	5,512	8,097	21,923	2,160	2,796	2,895	7,851	14,504
1288	7	34,840	7,521	3,069	4,858	15,448	1,418	1,704	2,199	5,322	9,842
1289	7	29,025	5,539	4,797	5,344	15,680	1,500	823	1,254	3,577	8,200
1290	7	9,720	1,699	2,086	2,067	5,852	571	195	297	1,063	2,746
1291	7	11,696	2,064	1,328	1,823	5,215	748	402	630	1,781	3,304
1292	7	7,656	1,885	1,335	103	3,324	216	233	618	1,068	2,163
1293	7	4,880	1,200	853	69	2,122	139	153	393	685	1,379
1294	7	6,692	1,636	1,183	122	2,940	191	244	532	968	1,891
1295	7	3,914	967	678	44	1,690	109	120	319	548	1,106
1296	7	10,312	2,552	1,781	106	4,440	287	306	841	1,435	2,913
1297	7	8,632	1,513	1,027	1,156	3,696	261	429	581	1,272	2,439
1298	7	9,428	1,650	1,137	1,273	4,060	285	479	630	1,394	2,663
1299	7	16,846	2,961	1,952	2,219	7,132	503	824	1,149	2,476	4,759
1300	7	201	33	41	39	112	12	22	5	39	57
1301	7	4,674	820	551	622	1,994	289	255	188	732	1,320
1302	7	2,008	347	268	289	904	124	141	76	342	567
1303	7	2,958	511	400	430	1,341	177	183	111	471	836
1304	7	9,820	2,185	707	1,330	4,222	534	256	637	1,427	2,774
1305	7	8,789	1,960	621	1,184	3,765	478	223	573	1,273	2,483
1306	7	14,797	2,796	1,318	2,177	6,290	1,067	730	552	2,350	4,180
1307	7	10,993	2,076	983	1,619	4,679	791	550	410	1,751	3,105
1308	7	9,473	1,783	878	1,412	4,073	677	493	350	1,520	2,676
1309	7	20,123	3,803	1,790	2,960	8,553	1,449	995	752	3,196	5,685
1310	7	10,267	1,942	905	1,506	4,353	741	508	385	1,633	2,901
1311	7	7,094	1,336	655	1,056	3,047	508	362	262	1,131	2,004
1312	7	8,565	1,619	759	1,258	3,636	618	419	320	1,357	2,420
1313	7	26,178	4,950	2,316	3,843	11,108	1,887	1,296	979	4,162	7,395
1314	7	8,073	1,528	709	1,182	3,419	583	398	303	1,283	2,280
1315	7	13,406	2,532	1,201	1,976	5,709	964	667	500	2,131	3,787
1316	7	3,729	683	675	328	1,686	200	206	195	602	1,053
1317	7	4,124	758	737	349	1,843	201	243	219	664	1,165
1318	7	6,051	1,101	1,118	565	2,783	340	364	310	1,013	1,709
1319	7	5,099	911	996	556	2,463	325	364	243	932	1,441
1320	7	15,207	2,845	2,549	1,043	6,436	704	734	864	2,302	4,296
1321	7	22,678	4,250	3,773	1,515	9,538	1,049	1,080	1,298	3,427	6,407
1322	7	17,170	3,210	2,881	1,182	7,273	794	854	975	2,623	4,851

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1323	7	6,890	1,278	1,190	524	2,992	319	357	379	1,056	1,946
1324	7	54,534	13,602	4,587	5,426	23,615	2,070	1,874	3,931	7,874	15,406
1325	7	47,381	5,655	6,240	7,732	19,627	2,155	1,547	3,186	6,889	13,385
1326	7	21,580	4,121	4,270	3,047	11,439	1,232	863	1,188	3,284	6,096
1327	7	7,653	1,546	1,316	848	3,710	397	420	512	1,328	2,162
1328	7	2,893	573	525	352	1,449	172	169	182	523	817
1329	7	27,991	8,174	1,821	2,410	12,406	1,410	954	1,746	4,110	7,907
1330	7	2,301	636	186	195	1,016	130	122	107	358	650
1331	7	4,065	1,117	340	353	1,810	233	225	188	646	1,148
1332	7	6,767	1,873	544	570	2,987	382	349	316	1,047	1,912
1333	7	6,666	1,843	539	564	2,946	376	345	311	1,032	1,883
1334	7	1,561	368	141	178	687	78	106	70	254	441
1335	7	1,578	373	141	179	694	81	105	71	257	446
1336	7	2,913	695	244	319	1,258	146	185	134	465	823
1337	7	7,814	1,847	694	883	3,425	397	509	353	1,260	2,207
1338	7	4,086	566	571	606	1,743	187	251	212	650	1,154
1339	7	4,317	598	599	637	1,834	197	255	225	678	1,219
1340	7	2,110	292	298	315	905	97	120	108	325	596
1341	7	5,443	754	746	797	2,297	249	307	286	841	1,538
1342	7	309	43	51	52	147	15	35	14	64	87
1343	7	5,547	769	768	817	2,354	253	333	290	875	1,567
1344	7	6,322	1,137	1,024	1,175	3,336	358	871	199	1,428	1,786
1345	7	15,335	3,020	1,392	2,244	6,656	274	1,759	621	2,654	4,332
1346	7	10,526	2,077	935	1,530	4,542	157	1,268	430	1,854	2,973
1347	7	13,424	2,649	1,197	1,953	5,798	910	593	700	2,203	3,792
1348	7	2,241	443	197	324	964	151	93	117	361	633
1349	7	7,570	1,489	695	1,112	3,296	106	658	457	1,221	2,138
1350	7	10,735	1,960	1,203	1,410	4,574	482	764	497	1,744	3,033
1351	7	3,118	567	360	417	1,344	144	229	143	516	881
1352	7	6,706	1,328	576	964	2,868	124	175	622	921	1,894
1353	7	4,616	908	420	676	2,004	202	145	343	689	1,304
1354	7	5,088	1,005	446	736	2,187	201	244	314	759	1,437
1355	7	11,513	2,276	1,008	1,664	4,948	460	594	711	1,765	3,253
1356	7	8,100	1,604	699	1,165	3,467	323	405	503	1,230	2,288
1357	7	5,372	1,064	461	772	2,297	96	78	529	704	1,517
1358	7	3,560	750	755	171	1,676	228	156	204	588	1,006
1359	7	43,638	9,428	5,886	3,344	18,659	1,751	997	3,394	6,142	12,328
1360	7	6,805	1,323	690	1,036	3,050	238	237	523	998	1,922
1361	7	16,084	3,437	2,090	1,463	6,989	636	828	988	2,452	4,544
1362	7	6,881	1,466	905	637	3,007	273	368	419	1,060	1,944
1363	7	13,633	2,920	1,754	1,222	5,896	523	643	813	1,978	3,851
1364	7	46,838	10,088	5,883	4,057	20,028	1,878	2,281	2,970	7,128	13,232
1365	7	2,378	503	388	351	1,242	190	200	99	490	672
1366	7	5,520	1,316	585	553	2,454	304	259	295	858	1,559
1367	7	6,574	1,515	810	753	3,078	410	378	328	1,116	1,857
1368	7	2,914	577	251	419	1,247	92	107	217	416	823
1369	7	10,940	2,382	843	1,537	4,762	680	258	665	1,603	3,090
1370	7	3,067	628	166	544	1,337	124	47	249	420	866
1371	7	10,015	2,238	568	1,509	4,315	414	120	830	1,364	2,829
1372	7	7,386	1,628	490	1,145	3,263	366	209	509	1,084	2,086
1373	7	7,673	1,703	473	1,173	3,349	198	350	623	1,170	2,168
1374	7	2,150	517	275	153	945	115	79	148	342	607
1375	7	3,237	703	247	517	1,467	105	139	270	514	914
1376	7	3,368	807	478	196	1,481	199	67	224	489	951
1377	7	1,812	360	246	338	944	98	106	138	342	512
1378	7	5,697	1,233	1,042	248	2,524	151	223	460	834	1,609
1379	7	5,626	1,221	437	902	2,559	197	224	427	849	1,589
1380	7	980	190	111	153	454	72	59	32	164	277
1381	7	1,541	275	268	293	837	141	159	41	340	435
1382	7	2,040	392	248	327	967	151	148	65	364	576
1383	7	5,264	986	736	899	2,622	418	510	159	1,087	1,487
1384	7	4,189	697	918	911	2,526	457	456	87	1,000	1,183
1385	7	2,248	403	368	420	1,192	178	191	58	427	635
1386	7	7,256	1,133	635	1,301	3,070	309	634	359	1,302	2,050
1387	7	20,283	3,133	1,721	3,584	8,438	1,361	2,173	1,509	5,043	5,730
1388	7	9,742	1,614	924	1,863	4,402	695	1,216	765	2,676	2,752
1389	7	4,959	706	408	816	1,930	307	557	339	1,202	1,401
1390	7	6,833	1,082	575	1,230	2,886	470	727	525	1,721	1,930
1391	7	5,836	899	774	1,149	2,822	341	649	245	1,235	1,649
1392	7	1,318	205	126	241	572	57	84	63	203	372
1393	7	2,951	459	294	544	1,297	127	259	139	525	834
1394	7	4,420	689	419	805	1,913	189	325	211	725	1,249
1395	7	8,878	1,384	819	1,609	3,812	378	639	428	1,445	2,508
1396	7	1,823	284	182	336	801	78	133	85	296	515
1397	7	3,211	498	357	606	1,460	160	274	145	579	907
1398	7	4,217	657	395	767	1,819	181	279	202	661	1,191

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1399	7	2,505	390	237	456	1,083	108	165	119	393	708
1400	7	2,085	324	225	390	938	101	169	95	364	589
1401	7	8,742	1,366	731	1,554	3,652	370	577	435	1,382	2,470
1402	7	4,392	684	427	804	1,915	197	333	208	739	1,241
1403	7	-	-	-	-	-	-	-	-	-	-
1404	7	22,384	3,492	2,144	4,092	9,727	999	1,876	1,075	3,950	6,324
1405	7	0	0	0	0	0	0	0	0	0	0
1406	7	10,406	1,624	918	1,869	4,411	440	755	510	1,705	2,940
1407	7	5,109	727	598	917	2,241	338	699	303	1,340	1,443
1408	7	3,059	474	340	577	1,392	140	330	139	609	864
1409	7	2,416	374	285	462	1,121	116	310	108	534	683
1410	7	9,097	1,418	846	1,651	3,914	388	765	440	1,593	2,570
1411	7	1,987	308	216	373	898	85	167	90	342	561
1412	7	4,617	721	385	820	1,927	195	304	230	728	1,304
1413	7	1,918	299	177	348	824	84	147	93	324	542
1414	7	1,311	201	194	266	662	76	68	49	193	370
1415	7	22,987	3,583	2,122	4,166	9,871	989	1,644	1,108	3,741	6,494
1416	7	10,108	752	840	2,499	4,092	451	664	486	1,601	2,855
1417	7	9,449	1,313	2,623	2,466	6,402	652	74	119	845	2,669
1418	7	12,225	924	1,059	3,026	5,009	546	1,008	585	2,139	3,453
1419	7	8,610	647	733	2,130	3,510	385	581	411	1,377	2,432
1420	7	8,177	602	674	2,000	3,276	580	852	592	2,024	2,310
1421	7	6,693	609	892	1,679	3,180	352	660	268	1,280	1,891
1422	7	8,122	621	726	2,012	3,359	371	628	384	1,383	2,294
1423	7	1,704	132	156	423	710	76	160	80	316	481
1424	7	1,669	116	138	374	628	107	193	109	408	472
1425	7	5,859	440	499	1,450	2,389	263	386	280	929	1,655
1426	7	2,831	175	208	562	946	160	274	165	599	800
1427	7	8,555	654	763	2,118	3,535	394	621	404	1,418	2,417
1428	7	8,373	810	1,259	2,110	4,179	432	755	308	1,495	2,365
1429	7	15,842	2,012	4,222	3,910	10,143	1,210	5,595	299	7,104	4,475
1430	7	21,621	1,705	3,945	4,499	10,149	636	4,935	474	6,045	6,108
1431	7	4,122	282	657	758	1,697	114	759	103	977	1,165
1432	7	22,095	1,309	3,277	4,249	8,835	399	3,077	489	3,965	6,242
1433	7	14,330	964	2,326	2,849	6,139	318	2,494	314	3,127	4,048
1434	7	17,206	1,321	3,078	3,552	7,951	524	3,493	369	4,386	4,861
1435	7	1,633	240	491	429	1,160	141	785	32	958	461
1436	7	2,100	308	632	552	1,492	259	577	33	869	593
1437	7	4,873	657	1,364	1,233	3,254	420	1,802	90	2,312	1,377
1438	7	2,560	117	291	375	782	57	438	65	559	723
1439	7	96,022	6,221	14,714	18,761	39,697	2,660	11,428	2,571	16,659	27,126
1440	7	22,150	1,775	4,007	4,607	10,389	1,079	3,239	561	4,879	6,257
1441	7	4,677	245	582	752	1,578	170	743	163	1,076	1,321
1442	7	6,626	415	989	1,283	2,687	182	824	186	1,193	1,872
1443	7	9,015	722	1,630	1,875	4,227	436	1,239	227	1,901	2,547
1444	7	6,585	477	1,100	1,328	2,905	238	870	167	1,274	1,860
1445	7	12,374	883	2,042	2,484	5,409	410	1,736	331	2,477	3,496
1446	7	4,963	409	918	1,041	2,369	223	693	120	1,036	1,402
1447	7	217	19	42	46	108	8	66	6	80	61
1448	7	13,487	1,132	2,486	2,670	6,287	791	2,880	402	4,073	3,810
1449	7	646	71	150	144	364	52	148	15	214	182
1450	7	6,010	540	1,192	1,298	3,029	312	1,501	207	2,020	1,698
1451	7	4,514	406	883	920	2,209	298	979	127	1,405	1,275
1452	7	14,336	1,060	2,434	2,909	6,403	495	2,087	372	2,953	4,050
1453	7	1,437	180	376	352	908	142	354	27	523	406
1454	7	36,452	2,859	6,481	7,530	16,870	1,404	6,561	1,080	9,045	10,298
1455	7	25,873	1,697	4,002	5,072	10,771	697	2,937	669	4,302	7,309
1456	7	12,470	906	2,088	2,517	5,511	496	2,371	420	3,287	3,523
1457	7	38,437	2,071	5,651	8,632	16,354	165	4,038	1,977	6,180	10,858
1458	7	3,833	351	804	921	2,076	79	492	143	714	1,083
1459	7	39,865	2,740	6,843	9,196	18,778	1,927	6,588	1,749	10,264	11,262
1551	4	60,273	10,344	8,810	4,632	23,785	4,483	4,709	1,791	10,984	17,027
1552	4	7,911	1,313	1,131	602	3,047	332	904	212	1,449	2,235
1553	4	55,860	9,916	7,190	3,027	20,132	5,753	2,050	1,236	9,040	15,780
1554	4	38,905	8,020	5,382	3,275	16,677	1,745	5,119	1,670	8,533	10,991
1555	4	19,265	3,930	2,630	1,579	8,139	861	1,948	680	3,490	5,442
1556	4	36,765	7,505	4,947	2,713	15,164	2,441	3,648	1,246	7,334	10,386
1557	4	7,269	1,604	707	343	2,655	760	935	171	1,866	2,054
1558	4	13,494	3,846	955	972	5,773	1,044	762	520	2,326	3,812
1559	4	15,280	4,237	1,068	1,068	6,374	776	566	422	1,763	4,316
1560	4	10,990	3,169	1,316	503	4,987	170	123	182	475	3,105
1561	4	9,818	5,641	2,320	893	8,854	616	250	292	1,159	2,774
1562	4	47,020	5,834	4,260	5,126	15,220	250	426	789	1,464	13,283
1563	4	9,716	1,784	833	1,151	3,767	477	488	177	1,142	2,745
1564	4	12,995	2,412	1,088	1,676	5,175	411	631	233	1,275	3,671
1565	4	13,284	2,110	1,670	1,365	5,145	360	975	228	1,563	3,753

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1566	4	7,641	1,229	955	748	2,932	206	924	142	1,273	2,159
1567	4	8,451	1,325	535	1,575	3,436	63	54	121	238	2,388
1568	4	13,433	2,133	908	2,311	5,353	204	357	206	767	3,795
1569	4	15,574	2,303	2,675	1,549	6,527	2,406	692	1,318	4,416	4,400
1570	4	18,317	2,630	3,008	1,726	7,364	1,916	553	1,111	3,580	5,175
1571	4	22,716	3,340	3,846	2,216	9,401	2,298	687	1,343	4,327	6,417
1572	4	55,509	9,682	4,660	7,031	21,374	6,682	3,348	3,081	13,112	15,681
1573	4	24,109	4,315	2,129	2,917	9,362	2,766	1,552	1,210	5,528	6,811
1574	4	5,062	711	447	610	1,768	283	341	604	1,228	1,430
1575	4	25,194	1,864	1,747	4,335	7,946	445	341	3,413	4,199	7,117
1576	4	21,952	2,329	2,969	2,126	7,424	1,684	1,167	2,254	5,105	6,201
1577	4	28,114	4,267	3,290	3,052	10,609	7,578	3,473	1,518	12,568	7,942
1578	4	52,990	7,382	6,289	7,309	20,980	4,546	2,333	2,795	9,674	14,970
1579	4	39,015	5,455	4,629	5,340	15,424	3,302	1,670	1,980	6,952	11,022
1580	4	67,302	5,399	2,074	10,540	18,013	4,413	3,128	3,112	10,653	19,013
1581	4	17,591	2,526	1,293	2,435	6,254	2,319	1,918	863	5,100	4,969
1582	4	51,331	6,344	2,769	9,819	18,932	5,371	3,650	2,684	11,705	14,501
1583	4	39,156	3,371	1,308	6,484	11,163	3,414	2,420	2,207	8,042	11,062
1584	4	10,157	468	1,503	1,500	3,471	1,052	1,215	1,046	3,313	2,869
1585	4	14,354	800	2,104	2,021	4,925	1,450	1,775	1,319	4,543	4,055
1586	4	51,519	863	6,698	7,336	14,897	5,090	5,444	5,789	16,323	14,554
1587	4	20,054	1,328	1,223	2,947	5,498	612	567	3,071	4,250	5,665
1588	4	35,894	2,560	2,401	5,961	10,922	564	585	3,159	4,308	10,140
1589	4	21,657	1,612	1,504	3,707	6,823	683	508	3,121	4,311	6,118
1590	4	26,572	5,171	4,501	312	9,984	398	269	2,723	3,389	7,507
1591	4	8,218	2,602	332	135	3,069	586	209	1,012	1,807	2,322
1592	4	13,340	1,035	957	2,316	4,308	509	243	1,743	2,496	3,768
1593	4	6,607	1,162	684	662	2,509	592	418	633	1,643	1,866
1594	4	33,857	8,026	3,101	2,339	13,466	1,970	1,858	2,291	6,118	9,565
1595	4	4,635	1,235	529	246	2,011	438	78	635	1,151	1,309
1596	4	11,449	2,853	1,308	559	4,721	1,729	374	1,586	3,689	3,234
1597	4	8,865	2,935	710	228	3,873	1,217	357	557	2,131	2,504
1598	4	8,529	1,795	1,132	597	3,524	983	354	889	2,226	2,409
1599	4	2,622	547	353	206	1,105	358	112	255	725	741
1600	4	9,077	1,888	1,218	712	3,818	2,692	825	1,798	5,315	2,564
1601	4	3,335	665	318	340	1,324	933	469	961	2,362	942
1602	4	3,953	792	372	422	1,585	1,135	582	1,232	2,948	1,117
1603	4	7,005	1,566	451	715	2,732	1,453	239	454	2,146	1,979
1604	4	6,419	938	701	861	2,501	843	213	545	1,601	1,813
1605	4	18,387	3,126	1,819	2,722	7,667	1,670	684	618	2,973	5,194
1606	4	7,955	1,306	763	1,076	3,145	1,480	628	454	2,562	2,247
1607	4	9,403	1,575	926	1,143	3,644	1,857	895	560	3,312	2,656
1608	4	21,630	3,558	2,085	2,760	8,403	7,042	3,551	2,021	12,614	6,111
1609	4	15,026	1,856	2,077	1,667	5,599	2,039	498	687	3,225	4,245
1610	4	10,824	1,369	1,495	1,177	4,041	2,099	940	1,021	4,060	3,058
1611	4	5,380	758	612	682	2,052	1,283	929	879	3,091	1,520
1612	4	18,617	2,315	3,057	1,794	7,167	873	2,020	2,155	5,049	5,259
1613	4	8,135	817	1,184	1,106	3,108	350	557	1,091	1,997	2,298
1614	4	1,481	274	190	116	580	200	252	250	702	418
1615	4	5,463	715	746	565	2,026	662	287	430	1,379	1,543
1616	4	15,900	2,674	2,018	1,668	6,360	96	1,691	808	2,596	4,492
1617	4	14,494	2,591	1,950	1,600	6,141	104	1,539	731	2,375	4,094
1618	4	7,629	1,421	1,071	880	3,371	61	767	371	1,198	2,155
1619	4	10,864	543	3,180	962	4,685	206	459	1,205	1,869	3,069
1620	4	14,894	1,794	2,177	2,224	6,195	3,073	4,002	2,062	9,137	4,208
1621	4	9,184	1,029	1,368	1,485	3,882	1,136	1,469	822	3,427	2,595
1622	4	17,591	1,060	3,279	2,858	7,197	656	2,560	1,718	4,933	4,969
1623	4	12,774	713	2,387	2,106	5,207	339	1,338	956	2,633	3,609
1624	4	15,853	920	3,210	2,850	6,980	533	2,210	1,551	4,294	4,478
1625	4	23,700	3,763	2,820	2,787	9,370	1,548	2,188	1,919	5,655	6,695
1626	4	16,053	2,589	1,843	1,815	6,247	893	1,098	1,436	3,427	4,535
1627	4	30,984	5,169	3,685	3,655	12,508	1,405	1,738	2,362	5,505	8,753
1628	4	11,267	1,943	1,385	1,377	4,705	361	449	653	1,463	3,183
1629	4	19,185	3,043	2,460	2,333	7,837	699	2,015	550	3,264	5,420
1630	4	12,634	2,136	2,046	1,446	5,629	3,790	1,538	1,220	6,548	3,569
1631	4	17,795	3,258	2,597	1,832	7,688	1,096	1,520	700	3,316	5,027
1632	4	33,178	5,603	4,564	3,352	13,519	3,479	4,295	2,143	9,917	9,373
1633	4	18,748	3,263	2,606	1,843	7,712	1,947	2,530	1,148	5,625	5,296
1634	4	12,877	2,421	1,934	1,369	5,723	1,472	1,874	856	4,203	3,638
1635	4	11,064	1,959	1,517	1,008	4,484	977	1,124	486	2,587	3,125
1636	4	13,387	2,514	2,012	1,430	5,956	1,528	1,908	889	4,325	3,782
1637	4	14,800	683	2,629	2,664	5,977	242	599	531	1,372	4,181
1638	4	5,281	1,508	342	411	2,262	199	196	828	1,224	1,492
1639	4	20,558	5,118	1,680	1,443	8,240	902	1,051	2,428	4,382	5,808
1640	4	8,141	3,331	63	170	3,564	291	493	448	1,231	2,300
1641	4	13,722	2,657	1,375	1,636	5,668	374	827	814	2,015	3,877

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1642	4	13,470	2,285	1,322	1,701	5,308	457	465	1,615	2,537	3,805
1643	4	16,036	2,802	1,747	1,630	6,178	2,762	2,953	2,035	7,749	4,530
1644	4	28,076	5,094	3,171	2,780	11,045	2,867	2,189	1,601	6,657	7,931
1645	4	8,012	1,175	1,023	795	2,993	1,438	738	534	2,711	2,263
1646	4	12,084	1,850	1,837	1,251	4,938	2,629	1,407	2,871	6,908	3,414
1647	4	12,932	1,884	2,067	1,530	5,480	1,035	510	1,361	2,906	3,653
1648	4	27,249	3,993	4,343	3,193	11,529	3,107	1,544	3,903	8,554	7,698
1649	4	16,984	2,641	2,351	1,430	6,421	2,050	654	826	3,530	4,798
1650	4	18,619	2,863	2,615	1,637	7,115	1,752	1,337	1,151	4,240	5,260
1651	4	14,502	3,891	1,140	711	5,742	2,689	883	3,632	7,203	4,097
1652	4	4,470	938	499	314	1,751	1,502	1,057	904	3,463	1,263
1653	4	3,172	720	366	272	1,358	1,182	900	810	2,893	896
1654	4	5,517	883	712	612	2,206	1,294	554	2,456	4,304	1,559
1655	4	4,066	701	428	510	1,639	657	392	1,738	2,786	1,149
1656	4	10,079	2,149	1,380	737	4,265	3,034	1,619	2,069	6,722	2,847
1657	4	5,950	1,354	877	505	2,735	1,250	719	981	2,949	1,681
1658	4	4,929	1,107	715	402	2,224	1,016	681	791	2,488	1,392
1659	4	3,044	651	420	236	1,308	905	575	694	2,175	860
1660	4	7,406	1,591	1,027	576	3,194	1,884	1,154	1,450	4,488	2,092
1661	4	5,281	2,027	289	87	2,403	670	346	246	1,261	1,492
1662	4	11,764	4,462	660	198	5,321	2,923	1,538	926	5,387	3,323
1663	4	7,258	991	1,110	891	2,992	732	762	1,006	2,500	2,050
1664	4	7,776	1,042	1,213	1,002	3,258	532	584	772	1,888	2,197
1665	4	5,514	403	1,079	613	2,095	2,104	5,179	2,679	9,962	1,558
1666	4	7,938	417	1,632	969	3,018	2,077	5,122	2,690	9,889	2,243
1667	4	6,570	831	929	745	2,505	1,097	1,048	975	3,121	1,856
1668	4	23,725	3,603	4,011	2,166	9,780	1,089	1,883	2,319	5,292	6,702
1669	4	4,359	704	508	531	1,743	1,471	2,798	1,186	5,455	1,231
1670	4	10,636	345	2,638	1,053	4,037	925	2,801	2,298	6,024	3,005
1671	4	6,193	264	1,504	596	2,364	787	2,369	1,885	5,041	1,750
1672	4	8,723	919	1,686	766	3,371	311	778	777	1,866	2,464
1673	4	20,121	2,254	4,052	1,833	8,139	697	1,710	1,655	4,062	5,684
1674	4	9,963	2,857	1,140	222	4,219	251	1,000	776	2,027	2,815
1675	4	17,487	2,332	2,611	2,098	7,041	1,005	899	871	2,775	4,940
1676	4	18,711	2,542	2,904	2,367	7,814	696	2,279	1,419	4,394	5,286
1677	4	6,176	976	1,146	448	2,570	284	550	454	1,288	1,745
1678	4	5,710	882	866	628	2,376	147	209	217	574	1,613
1679	4	10,604	1,636	1,601	1,106	4,343	1,496	1,816	1,821	5,133	2,996
1680	4	20,534	3,331	3,147	2,100	8,578	1,079	1,465	1,132	3,676	5,801
1681	4	4,452	819	655	363	1,836	769	755	1,339	2,863	1,258
1682	4	5,393	992	799	448	2,238	858	840	1,512	3,210	1,524
1683	4	4,563	840	679	384	1,903	623	612	1,113	2,349	1,289
1684	4	9,558	1,718	1,385	778	3,880	364	353	690	1,407	2,700
1685	4	7,155	1,068	677	873	2,618	278	214	626	1,117	2,021
1686	4	28,447	2,724	3,943	3,130	9,797	1,025	833	4,187	6,045	8,036
1687	4	8,931	2,062	716	708	3,486	2,992	1,073	1,769	5,834	2,523
1688	4	1,528	325	116	109	550	309	104	185	598	432
1689	4	3,104	594	264	342	1,200	1,572	293	726	2,591	877
1690	4	11,299	2,257	911	1,515	4,683	4,930	883	2,531	8,343	3,192
1691	4	6,169	1,042	552	900	2,494	3,819	1,541	3,433	8,793	1,743
1692	4	4,598	791	424	640	1,855	2,155	893	1,925	4,973	1,299
1693	4	5,627	970	592	716	2,279	3,428	385	1,079	4,893	1,590
1694	4	2,502	453	276	345	1,074	962	75	857	1,893	707
1695	4	6,573	1,209	738	892	2,839	762	274	2,573	3,609	1,857
1696	4	21,110	2,811	3,335	2,794	8,940	1,833	387	1,173	3,393	5,963
1697	4	4,439	597	687	564	1,848	1,703	372	885	2,960	1,254
1698	4	15,757	1,028	1,754	3,373	6,155	489	1,006	1,472	2,967	4,451
1699	4	9,031	1,178	1,398	1,171	3,747	205	1,244	424	1,873	2,551
1700	4	5,150	961	400	807	2,168	435	167	1,409	2,012	1,455
1701	4	10,062	1,933	815	1,588	4,336	714	295	2,217	3,225	2,843
1702	4	12,777	2,428	1,253	1,512	5,193	398	473	3,420	4,290	3,609
1703	4	2,839	469	273	261	1,003	266	172	542	980	802
1704	4	6,028	1,095	630	705	2,430	502	307	1,156	1,965	1,703
1705	4	13,871	1,923	1,692	2,023	5,638	2,225	1,511	1,659	5,395	3,918
1706	4	2,429	724	246	57	1,027	349	249	918	1,516	686
1707	4	3,004	952	324	75	1,351	233	186	619	1,038	849
1708	4	2,544	798	276	65	1,139	238	195	616	1,050	719
1709	4	13,888	3,796	1,493	926	6,214	2,838	1,458	4,018	8,314	3,923
1710	4	8,107	251	1,151	2,029	3,431	646	406	1,411	2,463	2,290
1711	4	4,273	1,527	124	252	1,903	597	267	648	1,511	1,207
1712	4	8,784	3,270	287	541	4,098	781	349	863	1,993	2,481
1801	5	8,519	1,073	1,315	1,156	3,544	586	290	347	1,223	2,406
1802	5	7,511	963	1,169	1,024	3,156	3,734	1,347	2,830	7,910	2,122
1803	5	8,251	1,123	1,326	1,151	3,600	445	231	109	785	2,331
1804	5	27,792	3,654	4,517	3,983	12,154	1,828	574	799	3,201	7,851
1805	5	21,489	1,958	3,858	2,740	8,556	657	545	3,269	4,471	6,071

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1806	5	8,811	954	1,668	1,183	3,804	558	189	922	1,669	2,489
1807	5	28,934	588	2,851	6,827	10,266	969	1,041	2,173	4,183	8,174
1808	5	8,026	505	988	1,901	3,395	4,037	4,361	9,177	17,576	2,267
1809	5	30,089	569	3,105	7,542	11,216	2,528	2,810	6,242	11,580	8,500
1810	5	3,887	1,360	1,012	758	3,131	4,790	3,920	5,237	13,947	1,098
1811	5	2,893	1,110	848	590	2,548	6,006	5,718	8,329	20,052	817
1812	5	17,716	3,129	750	3,869	7,748	3,368	3,165	4,814	11,346	5,005
1813	5	858	329	252	175	756	8,528	8,021	13,098	29,647	242
1814	5	1,531	588	449	312	1,349	1,598	2,290	762	4,650	433
1815	5	5,890	2,053	1,213	1,184	4,449	5,210	9,159	3,288	17,658	1,664
1816	5	3,001	894	469	531	1,895	2,347	4,148	1,549	8,043	848
1817	5	416	160	122	85	366	1,551	2,817	1,064	5,433	117
1818	5	3,124	1,090	737	604	2,431	2,891	4,142	1,435	8,468	883
1819	5	3,979	1,284	583	786	2,653	967	1,607	581	3,155	1,124
1820	5	814	313	239	166	717	2,622	4,615	1,755	8,992	230
1821	5	1,813	759	152	384	1,295	725	337	256	1,318	512
1822	5	7,452	1,801	1,122	635	3,557	734	736	466	1,937	2,105
1823	5	3,247	940	600	350	1,889	2,084	2,085	1,384	5,552	917
1824	5	11,781	2,901	1,799	1,012	5,713	681	676	428	1,786	3,328
1825	5	1,557	431	316	212	959	2,451	2,309	1,475	6,235	440
1826	5	317	122	93	65	279	1,802	1,795	1,199	4,796	89
1827	5	5,420	1,552	978	561	3,091	2,038	2,022	1,347	5,407	1,531
1828	5	348	133	102	71	306	1,875	1,857	1,246	4,978	98
1829	5	589	226	173	120	519	1,694	1,693	1,066	4,453	166
1830	5	15,752	3,478	2,061	2,077	7,616	916	1,336	1,301	3,553	4,450
1831	5	11,818	2,572	1,944	1,476	5,992	956	869	1,175	2,999	3,339
1832	5	545	209	160	111	480	487	440	805	1,732	154
1833	5	2,065	586	378	158	1,121	166	159	243	568	583
1834	5	215	82	63	44	189	159	139	246	543	61
1835	5	11,400	2,875	1,806	670	5,350	431	363	634	1,428	3,220
1836	5	5,418	1,764	1,380	989	4,133	6,602	4,803	1,873	13,278	1,531
1837	5	322	124	94	66	284	426	361	121	908	91
1838	5	1,541	592	452	314	1,358	5,804	4,485	1,900	12,189	435
1839	5	826	181	153	120	454	1,292	1,002	438	2,731	233
1840	5	3,214	221	245	839	1,304	259	41	112	412	908
1841	5	12,342	888	970	3,253	5,110	671	120	236	1,028	3,486
1842	5	5,271	1,742	571	274	2,588	1,830	71	1,297	3,199	1,489
1843	5	3,073	1,173	245	152	1,570	343	13	212	569	868
1844	5	2,300	578	154	313	1,045	82	68	98	248	650
1845	5	17,297	5,220	3,038	2,794	11,052	5,908	802	827	7,536	4,886
1846	5	3,911	1,422	187	400	2,009	2,971	675	893	4,539	1,105
1847	5	6,441	2,320	357	674	3,350	5,752	1,280	1,695	8,726	1,819
1848	5	3,154	1,070	247	343	1,660	2,182	503	610	3,295	891
1849	5	34,294	11,458	4,983	5,503	21,944	14,410	2,137	977	17,523	9,688
1850	5	16,743	5,618	1,409	2,538	9,566	12,918	4,234	2,612	19,765	4,730
1851	5	9,785	2,925	515	1,288	4,729	1,735	291	253	2,280	2,764
1852	5	12,757	3,188	1,156	1,623	5,967	1,548	477	442	2,467	3,604
1853	5	22,413	5,222	1,653	2,645	9,520	3,401	438	1,235	5,073	6,332
1854	5	8,167	1,898	599	961	3,458	1,261	153	462	1,876	2,307
1855	5	16,858	4,272	1,622	2,179	8,074	2,212	378	542	3,133	4,762
1856	5	11,313	2,774	953	1,409	5,135	1,835	243	607	2,686	3,196
1857	5	4,062	1,057	435	541	2,033	1,135	170	321	1,627	1,147
1858	5	6,149	1,433	456	726	2,616	782	102	280	1,164	1,737
1859	5	6,626	1,443	405	891	2,739	478	95	229	803	1,872
1860	5	7,742	1,674	460	1,035	3,169	788	140	386	1,314	2,187
1861	5	4,899	1,038	287	641	1,967	383	70	186	639	1,384
1862	5	11,175	2,589	811	1,582	4,983	1,745	330	713	2,788	3,157
1863	5	12,738	2,852	790	1,762	5,405	1,764	317	853	2,935	3,598
1864	5	4,972	1,177	346	723	2,246	349	75	146	570	1,404
1865	5	5,193	1,692	248	411	2,351	655	122	409	1,186	1,467
1866	5	19,476	6,958	980	1,672	9,610	2,294	417	1,444	4,156	5,502
1867	5	30,469	7,440	2,670	3,744	13,854	7,514	1,715	3,771	13,000	8,607
1868	5	22,646	5,203	1,923	2,622	9,748	2,685	624	1,191	4,499	6,398
1869	5	12,676	3,005	1,061	1,511	5,578	1,387	319	699	2,406	3,581
1870	5	4,966	1,268	551	644	2,463	1,035	224	342	1,601	1,403
1871	5	21,377	5,488	2,099	2,770	10,358	3,085	725	1,314	5,123	6,039
1872	5	12,953	3,144	1,120	1,581	5,845	1,338	307	651	2,295	3,659
1873	5	9,169	1,948	1,088	1,731	4,766	4,630	1,637	1,407	7,673	2,590
1874	5	11,404	2,218	1,145	2,135	5,498	7,290	2,721	2,500	12,512	3,222
1875	5	11,640	2,358	1,269	2,181	5,808	4,485	1,611	1,380	7,476	3,288
1876	5	5,684	1,463	490	739	2,691	341	193	504	1,038	1,606
1877	5	12,965	4,077	1,001	1,311	6,389	3,562	477	2,398	6,437	3,663
1878	5	23,150	4,723	2,799	2,960	10,481	1,339	872	1,209	3,421	6,540
1879	5	4,072	824	496	512	1,831	370	235	317	921	1,150
1880	5	49,305	14,200	7,469	1,544	23,212	3,185	1,276	1,512	5,973	13,929
1881	5	37,277	4,237	4,034	7,002	15,274	2,436	668	850	3,954	10,531

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1882	5	12,136	1,368	1,305	2,273	4,946	810	217	284	1,311	3,429
1883	5	13,818	1,656	1,540	2,515	5,712	1,405	370	396	2,171	3,904
1884	5	14,131	1,556	1,480	2,560	5,596	1,186	329	417	1,932	3,992
1885	5	12,115	1,496	1,381	2,215	5,092	1,275	410	371	2,056	3,423
1886	5	20,778	1,922	3,079	3,970	8,971	524	360	881	1,764	5,870
1887	5	35,481	8,279	8,210	6,524	23,013	6,794	303	942	8,038	10,023
1888	5	6,720	612	1,165	1,111	2,888	553	106	342	1,001	1,898
1889	5	28,873	7,200	2,769	3,014	12,982	1,989	724	2,790	5,504	8,157
1890	5	13,094	3,030	1,194	1,277	5,501	370	140	449	960	3,699
1891	5	32,443	11,062	137	3,608	14,807	2,919	418	3,007	6,345	9,165
1892	5	8,839	2,821	44	922	3,786	396	63	393	852	2,497
1893	5	5,969	1,015	627	1,082	2,724	1,073	269	759	2,101	1,686
1894	5	17,771	4,261	1,051	2,379	7,692	746	342	973	2,061	5,020
1895	5	14,698	2,313	989	2,787	6,090	1,250	752	673	2,675	4,152
1896	5	4,259	907	256	591	1,754	421	221	363	1,005	1,203
1897	5	5,907	1,267	324	833	2,425	290	158	291	739	1,669
1898	5	6,839	1,437	369	945	2,750	521	285	524	1,330	1,932
1899	5	11,048	3,411	533	1,379	5,323	835	334	691	1,860	3,121
1900	5	4,663	1,476	189	588	2,253	287	135	307	729	1,317
1901	5	8,876	2,826	426	1,139	4,391	651	296	568	1,515	2,507
1902	5	21,004	2,109	4,743	2,532	9,384	375	503	711	1,589	5,934
1903	5	7,646	2,052	130	1,296	3,478	669	159	408	1,236	2,160
1904	5	9,483	2,232	151	1,408	3,791	576	138	356	1,069	2,679
1905	5	5,967	1,687	225	1,049	2,961	789	246	370	1,405	1,686
1906	5	8,128	2,032	120	1,285	3,437	642	150	407	1,200	2,296
1907	5	11,441	3,040	171	1,924	5,136	982	232	628	1,843	3,232
1908	5	8,087	2,173	117	1,376	3,666	737	174	473	1,385	2,285
1909	5	6,321	1,524	91	964	2,579	903	213	579	1,695	1,786
1910	5	4,507	1,226	70	775	2,071	519	122	332	973	1,273
1911	5	6,052	1,442	90	911	2,443	790	187	504	1,480	1,710
1912	5	5,247	1,333	75	843	2,251	465	109	297	871	1,482
1913	5	11,296	2,962	352	1,847	5,161	1,389	392	697	2,479	3,191
1914	5	2,132	588	44	370	1,003	190	47	116	353	602
1915	5	4,168	1,142	62	723	1,926	364	85	234	683	1,178
1916	5	8,362	2,241	136	1,417	3,794	804	190	504	1,498	2,362
1917	5	9,601	2,418	135	1,530	4,083	1,024	241	658	1,923	2,712
1918	5	9,120	2,318	122	1,468	3,908	773	181	498	1,452	2,576
1919	5	10,014	2,529	133	1,602	4,264	926	216	597	1,739	2,829
1920	5	13,087	3,424	175	2,169	5,768	434	100	278	812	3,697
1921	5	20,614	4,931	2,479	2,746	10,155	2,387	849	1,267	4,504	5,823
1922	5	12,123	2,692	1,361	1,499	5,552	819	283	410	1,512	3,425
1923	5	6,991	1,721	863	958	3,542	909	333	504	1,746	1,975
1924	5	6,914	1,717	612	1,145	3,473	6,283	5,299	8,955	20,536	1,953
1925	5	4,687	1,051	274	735	2,061	328	273	468	1,069	1,324
1926	5	19,766	4,840	1,356	3,351	9,548	1,248	911	1,309	3,468	5,584
1927	5	5,161	1,155	297	808	2,260	348	294	501	1,143	1,458
1928	5	1,004	222	83	146	452	2,349	2,040	3,518	7,908	284
1929	5	1,931	430	109	302	841	130	108	188	427	545
1930	5	393	98	32	58	188	3,670	578	1,620	5,868	111
1931	5	1,211	305	60	185	549	2,772	437	1,223	4,431	342
1932	5	1,110	293	77	175	545	5,419	859	2,389	8,667	314
1933	5	819	220	68	130	418	5,173	818	2,280	8,271	231
1934	5	1,750	534	245	305	1,083	1,707	344	611	2,662	494
1935	5	10,121	505	536	2,947	3,988	1,508	902	1,759	4,168	2,859
1936	5	24,999	5,565	3,239	2,383	11,187	3,694	3,059	3,848	10,601	7,062
1937	5	21,182	4,511	1,313	3,277	9,102	890	566	2,082	3,538	5,984
1938	5	18,063	4,134	2,235	1,454	7,822	2,398	412	4,019	6,829	5,103
1939	5	7,931	1,358	711	1,152	3,222	544	333	1,145	2,022	2,240
1940	5	8,764	3,161	705	987	4,853	555	170	216	940	2,476
1941	5	9,080	2,896	611	890	4,397	1,051	227	716	1,993	2,565
1942	5	37,613	12,084	2,127	4,028	18,240	4,382	622	5,031	10,035	10,626
1943	5	4,023	1,017	524	223	1,764	169	344	267	780	1,136
1944	5	3,167	698	296	358	1,352	106	54	435	595	895
1945	5	5,734	1,185	704	574	2,463	855	564	1,009	2,428	1,620
1946	5	3,643	812	344	514	1,671	461	41	322	824	1,029
1947	5	6,607	1,805	312	973	3,090	1,455	299	652	2,406	1,866
1948	5	3,630	951	307	411	1,668	726	136	1,201	2,063	1,025
1949	5	2,365	845	305	100	1,250	593	19	486	1,098	668
1950	5	4,005	958	271	580	1,810	111	13	174	297	1,131
1951	5	3,534	1,043	538	117	1,698	192	20	67	279	998
1952	5	3,924	897	260	543	1,699	350	48	368	766	1,108
1953	5	3,904	1,228	336	275	1,838	402	202	434	1,039	1,103
1954	5	3,002	945	262	214	1,421	310	157	332	799	848
1955	5	3,157	958	154	339	1,451	412	130	320	862	892
1956	5	5,419	1,660	577	307	2,543	476	275	833	1,584	1,531
1957	5	7,130	2,231	633	594	3,458	2,474	2,587	1,134	6,195	2,014

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
1958	5	7,679	2,497	905	520	3,922	8,464	1,492	3,207	13,163	2,169
1959	5	4,199	840	498	502	1,841	2,439	1,592	3,563	7,593	1,186
1960	5	6,911	1,471	868	880	3,220	1,758	1,142	2,525	5,425	1,952
2011	14	14,550	1,502	2,821	408	4,731	1,604	1,747	803	4,153	4,110
2012	14	16,872	511	3,697	600	4,808	1,212	1,483	1,237	3,932	4,766
2013	14	11,210	425	2,427	390	3,242	752	1,125	873	2,749	3,167
2014	14	23,207	1,190	4,916	775	6,881	2,254	2,767	1,935	6,956	6,556
2015	14	9,955	398	2,148	344	2,890	826	970	769	2,565	2,812
2016	14	7,173	146	1,596	262	2,005	465	612	548	1,624	2,026
2017	14	4,920	87	1,099	181	1,368	327	467	418	1,212	1,390
2018	14	7,696	134	1,720	284	2,138	511	736	655	1,901	2,174
2019	14	10,919	379	2,376	383	3,138	870	1,060	852	2,782	3,085
2020	14	4,801	76	1,076	178	1,330	289	408	375	1,072	1,356
2021	14	11,170	443	2,411	386	3,240	945	1,120	865	2,930	3,156
2022	14	9,162	258	2,014	328	2,599	685	909	746	2,339	2,588
2023	14	20,304	3,420	3,478	433	7,332	2,234	1,071	637	3,942	5,736
2024	14	16,796	1,231	3,430	523	5,184	1,291	1,294	1,092	3,677	4,745
2025	14	4,901	193	1,058	170	1,421	372	528	379	1,279	1,384
2026	14	6,502	450	1,337	205	1,993	650	768	437	1,855	1,837
2027	14	7,786	454	1,631	254	2,339	676	985	559	2,220	2,200
2028	14	5,611	1,359	388	748	2,495	74	451	79	604	1,585
2029	14	6,432	1,555	478	807	2,840	157	720	140	1,017	1,817
2030	14	2,424	572	359	35	965	523	2,269	450	3,242	685
2031	14	2,132	503	315	31	849	440	1,554	294	2,288	602
2032	14	805	190	119	12	321	143	964	191	1,298	227
2033	14	8,627	2,068	864	748	3,679	892	2,011	372	3,275	2,437
2034	14	5,091	1,224	467	505	2,196	443	603	115	1,161	1,438
2035	14	10,372	2,506	791	1,273	4,570	269	1,945	306	2,520	2,930
2036	14	9,035	2,186	655	1,159	4,001	264	1,805	413	2,482	2,552
2037	14	13,752	3,316	1,140	1,548	6,004	548	2,861	453	3,862	3,885
2038	14	14,490	3,433	1,232	1,577	6,243	447	1,083	1,467	2,997	4,093
2039	14	17,891	4,239	1,565	1,883	7,687	286	1,223	788	2,298	5,054
2040	14	12,524	2,968	1,098	1,315	5,381	549	1,172	1,479	3,199	3,538
2041	14	2,471	584	258	197	1,039	87	434	132	653	698
2042	14	22,631	5,362	1,917	2,474	9,754	843	2,026	2,789	5,657	6,393
2043	14	7,952	1,883	734	779	3,396	649	1,611	1,906	4,166	2,246
2044	14	5,995	1,416	750	293	2,459	887	844	306	2,037	1,694
2045	14	18,745	4,442	1,590	2,048	8,080	618	1,502	2,050	4,169	5,295
2046	14	14,907	3,532	1,283	1,600	6,415	366	878	1,164	2,408	4,211
2047	14	1,141	269	158	32	459	182	424	320	926	322
2048	14	21,952	5,175	1,856	2,380	9,411	729	1,800	2,412	4,941	6,201
2049	14	32,914	7,799	2,787	3,601	14,188	1,216	2,928	4,037	8,181	9,298
2050	14	1,190	308	154	77	539	354	842	946	2,142	336
2051	14	17,642	4,179	1,551	1,844	7,575	678	1,627	2,071	4,377	4,984
2052	14	13,573	3,216	1,172	1,451	5,839	556	1,330	1,746	3,632	3,834
2053	14	594	140	87	10	237	265	622	684	1,571	168
2054	14	11,509	2,727	997	1,226	4,950	422	1,076	1,325	2,823	3,251
2055	14	7,488	1,774	651	794	3,219	279	699	858	1,835	2,115
2056	14	452	106	62	14	182	244	598	702	1,544	128
2057	14	19,311	4,571	1,908	1,704	8,183	788	2,500	948	4,235	5,455
2058	14	8,145	464	1,006	1,460	2,930	571	860	896	2,327	2,301
2059	14	6,987	444	869	1,209	2,522	438	743	636	1,816	1,974
2060	14	15,907	4,263	1,511	1,124	6,898	2,303	1,413	766	4,482	4,494
2061	14	34,942	9,587	2,953	2,857	15,397	4,921	1,776	1,936	8,634	9,871
2062	14	19,165	5,242	1,646	1,539	8,427	2,665	915	1,042	4,622	5,414
2063	14	12,595	2,799	1,243	1,252	5,293	1,314	1,403	1,193	3,909	3,558
2064	14	24,447	5,377	2,204	2,788	10,368	2,258	1,348	2,657	6,262	6,906
2065	14	8,949	1,425	99	2,632	4,156	375	165	1,675	2,215	2,528
2066	14	2,147	345	29	622	995	96	50	395	541	606
2067	14	14,135	3,567	1,077	1,591	6,236	797	541	2,169	3,507	3,993
2068	14	6,516	1,366	392	1,123	2,881	255	327	1,042	1,624	1,841
2069	14	8,428	1,774	529	1,411	3,714	333	692	1,311	2,336	2,381
2070	14	3,820	809	248	629	1,686	151	304	581	1,036	1,079
2071	14	6,915	1,455	432	1,162	3,048	272	539	1,079	1,890	1,954
2072	14	4,843	1,022	313	794	2,129	195	506	739	1,440	1,368
2073	14	2,174	475	178	285	937	146	138	317	601	614
2074	14	23,305	4,983	1,512	3,752	10,247	1,018	580	4,216	5,814	6,584
2075	14	3,813	1,241	157	457	1,855	299	486	172	958	1,077
2076	14	2,250	623	223	141	987	345	292	58	694	636
2077	14	11,627	3,991	233	1,635	5,858	895	1,287	603	2,785	3,285
2078	14	4,922	1,668	123	667	2,459	391	550	249	1,190	1,391
2079	14	19,737	5,730	731	2,992	9,453	660	3,082	1,316	5,058	5,576
2080	14	4,153	631	331	761	1,723	772	751	62	1,585	1,173
2081	14	4,583	703	371	826	1,900	438	495	46	979	1,295
2082	14	179	42	27	3	71	33	52	2	87	51
2083	14	2,894	409	206	592	1,207	203	168	26	397	817

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2084	14	1	0	0	0	0	0	0	0	1	0
2085	14	1	0	0	0	0	0	0	0	1	0
2086	14	2,366	369	196	414	979	310	352	29	691	668
2087	14	1,788	282	151	307	739	151	160	16	328	505
2088	14	4,039	638	342	690	1,670	507	513	45	1,065	1,141
2089	14	2,294	340	176	439	955	170	161	20	351	648
2090	14	2,377	423	240	311	974	539	695	40	1,275	671
2091	14	3,575	567	305	606	1,478	534	555	45	1,134	1,010
2092	14	1,113	158	80	227	464	72	61	10	143	314
2093	14	660	108	59	106	272	62	72	6	140	186
2094	14	1,955	306	164	339	809	164	171	18	353	552
2095	14	611	144	90	9	243	113	176	7	297	173
2131	8	9,736	1,681	1,259	650	3,590	955	1,146	990	3,091	2,750
2132	8	7,125	1,232	923	476	2,631	699	829	726	2,254	2,013
2133	8	9,605	1,666	1,252	645	3,563	1,174	1,393	1,192	3,760	2,714
2134	8	3,499	607	455	235	1,297	345	407	359	1,112	989
2135	8	7,429	1,282	960	495	2,737	876	1,029	886	2,791	2,099
2141	8	3,467	210	492	443	1,145	517	702	264	1,484	979
2142	8	13,306	665	2,197	2,042	4,904	928	1,635	1,119	3,682	3,759
2143	8	7,144	404	952	858	2,214	515	977	495	1,988	2,018
2144	8	20,532	1,200	2,848	2,568	6,615	2,420	3,436	1,526	7,382	5,800
2145	8	1,837	155	171	135	461	241	264	83	587	519
2146	8	4,602	413	432	509	1,354	929	1,569	237	2,735	1,300
2147	8	3,878	267	356	471	1,095	323	452	179	955	1,096
2148	8	10,695	829	1,002	1,271	3,102	1,340	1,323	522	3,185	3,021
2149	8	18,456	1,341	1,845	2,471	5,656	1,893	2,446	901	5,239	5,214
2150	8	14,156	1,433	1,224	1,696	4,353	1,595	1,343	665	3,603	3,999
2151	8	5,150	515	469	692	1,676	690	329	272	1,290	1,455
2152	8	4,968	510	498	784	1,792	633	407	319	1,358	1,403
2153	8	5,610	591	441	514	1,545	701	555	223	1,479	1,585
2154	8	3,998	422	321	387	1,130	361	671	172	1,203	1,129
2155	8	212	26	15	9	50	19	4	4	27	60
2156	8	9,966	1,093	972	1,395	3,459	1,136	995	626	2,757	2,815
2157	8	9,713	950	963	1,553	3,466	1,253	1,170	710	3,134	2,744
2158	8	9,753	1,074	790	898	2,763	1,471	944	439	2,854	2,755
2159	8	15,234	1,657	1,384	1,864	4,905	1,158	2,928	657	4,742	4,304
2160	8	20,102	2,152	1,660	2,028	5,840	1,865	2,446	695	5,006	5,679
2161	8	11,001	1,155	885	1,070	3,109	771	2,403	436	3,610	3,108
2162	8	27,911	3,228	2,126	1,992	7,346	3,628	4,812	905	9,345	7,885
2163	8	7,756	993	637	564	2,194	838	1,227	262	2,326	2,191
2164	8	9,478	1,098	711	642	2,451	773	2,909	319	4,001	2,678
2165	8	7,008	878	1,017	343	2,239	592	1,311	300	2,203	1,980
2166	8	21,046	2,552	2,890	990	6,432	1,974	2,518	840	5,331	5,945
2167	8	6,397	717	852	283	1,853	457	1,219	266	1,941	1,807
2168	8	17,965	2,230	2,511	864	5,604	1,562	2,388	722	4,672	5,075
2169	8	13,108	1,332	1,561	2,205	5,097	465	2,573	778	3,816	3,703
2170	8	3,940	431	410	509	1,349	276	1,464	390	2,130	1,113
2171	8	8,243	739	964	1,436	3,139	116	888	372	1,377	2,329
2172	8	9,313	842	1,110	1,660	3,611	197	1,600	587	2,384	2,631
2173	8	7,797	574	1,077	1,415	3,067	538	1,099	408	2,046	2,203
2174	8	2,930	203	489	677	1,369	149	349	143	641	828
2201	6	56,273	11,922	6,515	4,219	22,655	3,028	8,185	668	11,880	15,897
2202	6	19,801	3,723	2,663	1,491	7,878	1,395	3,702	230	5,327	5,594
2203	6	40,276	5,654	6,503	3,667	15,824	2,654	6,359	1,306	10,319	11,378
2204	6	8,889	1,794	1,180	594	3,568	563	1,424	351	2,338	2,511
2205	6	15,352	3,032	2,009	1,121	6,163	692	1,648	637	2,977	4,337
2206	6	31,238	5,846	4,218	2,381	12,445	2,043	4,743	1,352	8,138	8,825
2207	6	33,050	7,184	3,440	2,695	13,319	3,567	2,437	807	6,811	9,337
2208	6	45,030	9,777	4,651	3,721	18,149	4,676	3,055	1,105	8,836	12,721
2209	6	31,581	6,855	3,257	2,617	12,729	3,304	2,184	790	6,278	8,922
2210	6	12,085	2,291	1,425	1,109	4,825	430	710	981	2,122	3,414
2211	6	9,650	1,832	1,140	881	3,853	347	581	778	1,705	2,726
2212	6	10,919	1,292	191	2,632	4,115	2,014	359	128	2,501	3,085
2213	6	16,467	2,928	2,309	1,335	6,572	1,406	179	1,330	2,915	4,652
2214	6	6,568	1,184	923	515	2,622	555	340	507	1,402	1,855
2215	6	12,047	2,233	1,698	880	4,812	1,082	1,336	842	3,260	3,403
2216	6	11,762	2,625	1,602	553	4,781	633	840	1,192	2,665	3,323
2217	6	9,608	2,148	1,312	442	3,903	563	927	932	2,422	2,714
2218	6	19,462	3,981	2,612	1,242	7,835	954	1,787	1,307	4,048	5,498
2219	6	20,204	3,442	2,358	2,194	7,994	562	1,384	1,640	3,586	5,708
2220	6	17,083	2,907	1,992	1,860	6,759	448	1,169	1,391	3,008	4,826
2221	6	36,134	6,017	3,705	4,505	14,228	3,202	1,985	1,652	6,839	10,208
2222	6	9,673	1,609	991	1,210	3,809	864	539	444	1,847	2,733
2223	6	21,143	3,514	2,164	2,646	8,324	1,872	1,177	971	4,019	5,973
2224	6	25,405	5,988	555	3,608	10,151	607	707	2,894	4,208	7,177
2225	6	36,052	9,232	5,581	143	14,955	2,218	2,077	2,349	6,644	10,185

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2226	6	12,184	3,117	1,885	51	5,053	763	714	785	2,261	3,442
2227	6	40,380	7,609	4,749	3,710	16,068	3,327	4,505	1,972	9,804	11,407
2228	6	36,455	6,840	4,180	3,517	14,537	1,175	1,626	3,450	6,251	10,298
2229	6	21,972	3,985	2,484	2,263	8,733	991	432	2,289	3,712	6,207
2230	6	27,135	187	1,022	8,524	9,733	775	1,798	2,190	4,763	7,666
2231	6	24,916	157	931	7,845	8,933	706	1,634	2,016	4,357	7,039
2232	6	18,916	3,363	2,370	1,787	7,519	1,422	1,085	1,003	3,510	5,344
2233	6	12,255	2,736	1,516	712	4,964	609	733	952	2,294	3,462
2234	6	72,195	12,179	7,014	9,211	28,404	5,623	5,069	3,521	14,213	20,395
2235	6	70,976	12,163	7,041	8,743	27,947	5,438	3,386	4,528	13,352	20,051
2236	6	26,031	6,274	2,617	1,703	10,593	1,657	1,782	1,575	5,014	7,354
2237	6	30,529	7,371	3,008	2,052	12,432	1,788	1,897	1,968	5,653	8,624
2238	6	26,264	2,890	4,239	3,062	10,191	860	2,394	1,543	4,797	7,420
2239	6	35,581	5,967	3,923	4,146	14,037	1,799	968	3,368	6,135	10,051
2240	6	19,423	3,252	2,138	2,271	7,662	941	586	1,847	3,374	5,487
2241	6	11,150	782	1,680	1,761	4,223	679	511	996	2,185	3,150
2242	6	6,720	1,403	479	799	2,681	463	148	571	1,181	1,898
2243	6	6,157	1,299	483	676	2,457	459	468	475	1,402	1,739
2244	6	5,998	1,253	428	713	2,393	411	130	509	1,051	1,694
2245	6	15,399	1,732	1,998	2,216	5,946	410	640	1,552	2,602	4,350
2246	6	11,463	1,983	1,205	1,340	4,528	601	319	1,097	2,017	3,238
2247	6	17,537	3,022	1,835	2,069	6,927	910	455	1,697	3,062	4,954
2248	6	11,204	1,924	1,168	1,333	4,425	579	233	1,095	1,907	3,165
2249	6	9,982	1,725	1,048	1,171	3,943	521	281	959	1,761	2,820
2250	6	12,938	1,998	1,238	1,811	5,046	961	1,098	1,023	3,082	3,655
2251	6	6,930	1,155	717	842	2,714	651	834	463	1,949	1,958
2252	6	39,077	8,068	4,929	2,549	15,546	6,042	2,741	566	9,350	11,039
2253	6	21,123	4,047	2,423	1,896	8,366	2,640	1,007	473	4,121	5,967
2254	6	17,590	3,397	2,038	1,535	6,971	1,956	988	327	3,271	4,969
2255	6	9,900	1,396	1,052	1,390	3,838	1,643	394	193	2,229	2,797
2256	6	7,486	1,199	858	866	2,923	1,123	1,204	120	2,448	2,115
2257	6	24,180	4,955	2,892	1,753	9,600	3,862	1,600	774	6,236	6,831
2258	6	35,684	2,357	4,759	6,290	13,406	3,840	2,547	1,352	7,739	10,081
2259	6	23,165	338	3,004	5,180	8,522	1,625	1,278	1,180	4,083	6,544
2260	6	12,098	2,001	984	1,752	4,738	451	300	1,322	2,073	3,418
2261	6	13,084	2,916	1,825	570	5,311	1,174	990	999	3,163	3,696
2262	6	40,775	7,063	4,268	4,786	16,117	3,291	1,472	2,673	7,436	11,519
2263	6	15,697	5,980	386	329	6,696	1,081	859	1,017	2,957	4,435
2264	6	18,487	7,132	383	385	7,901	1,174	942	1,234	3,350	5,222
2265	6	5,955	2,279	138	125	2,542	394	325	390	1,109	1,682
2266	6	14,208	219	3,426	1,720	5,365	1,097	566	992	2,654	4,014
2267	6	26,612	5,674	3,746	1,378	10,798	1,295	279	2,892	4,467	7,518
2268	6	17,982	3,834	2,531	930	7,296	873	194	1,953	3,019	5,080
2269	6	28,580	4,735	4,539	2,114	11,388	1,402	659	2,763	4,823	8,074
2270	6	15,315	2,465	1,995	1,572	6,033	2,910	654	198	3,761	4,326
2271	6	13,843	2,019	1,872	1,546	5,437	759	461	1,202	2,421	3,911
2272	6	16,211	2,364	2,192	1,811	6,367	889	539	1,408	2,836	4,580
2273	6	7,719	1,174	1,050	814	3,037	544	329	623	1,496	2,181
2274	6	5,584	1,138	677	408	2,223	568	3,164	490	4,222	1,577
2275	6	16,128	2,957	1,669	1,762	6,388	287	1,475	202	1,964	4,556
2276	6	2,795	541	314	255	1,110	144	727	99	969	790
2277	6	38,586	13,320	2,106	871	16,296	763	6,161	409	7,333	10,900
2278	6	9,692	3,094	729	223	4,046	386	2,211	102	2,699	2,738
2279	6	1,787	441	237	43	721	276	1,745	81	2,102	505
2280	6	3,969	1,234	325	92	1,650	222	1,302	61	1,585	1,121
2281	6	14,588	1,988	1,202	2,448	5,638	74	2,476	282	2,831	4,121
2282	6	13,500	1,857	1,123	2,239	5,220	81	2,280	257	2,618	3,814
2283	6	11,546	3,572	399	814	4,785	94	1,931	223	2,248	3,262
2284	6	15,578	4,820	537	1,099	6,456	122	2,609	301	3,033	4,401
2285	6	14,510	3,275	1,314	1,266	5,855	658	433	1,479	2,571	4,099
2286	6	7,452	1,681	663	663	3,007	279	200	781	1,259	2,105
2287	6	11,178	2,418	957	1,112	4,487	81	1,815	275	2,171	3,158
2288	6	6,927	1,498	590	693	2,781	47	1,126	172	1,345	1,957
2289	6	11,051	2,136	1,293	988	4,417	560	740	733	2,033	3,122
2290	6	21,500	5,948	288	2,502	8,739	874	1,181	1,752	3,807	6,074
2291	6	13,706	2,361	1,364	1,683	5,408	597	621	1,176	2,393	3,872
2292	6	10,964	1,901	1,101	1,324	4,326	485	518	921	1,924	3,097
2293	6	15,375	3,020	1,958	1,194	6,171	316	2,110	506	2,932	4,344
2401	6	30,427	4,205	2,122	5,854	12,180	701	1,062	2,608	4,371	8,596
2402	6	9,049	1,635	1,029	972	3,636	619	1,014	873	2,506	2,556
2403	6	16,559	1,999	2,774	1,707	6,480	662	1,922	402	2,986	4,678
2404	6	27,443	2,708	3,319	4,563	10,590	506	1,355	2,293	4,154	7,753
2405	6	12,655	2,008	1,558	1,417	4,984	1,118	1,928	4,330	7,376	3,575
2406	6	16,854	2,910	2,263	2,076	7,250	400	680	1,546	2,626	4,761
2407	6	17,930	4,240	303	3,458	8,001	580	610	1,755	2,945	5,065
2408	6	13,215	3,028	218	2,468	5,714	638	672	1,942	3,252	3,733

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2409	6	20,952	1,905	2,211	3,987	8,102	3,052	3,850	3,519	10,421	5,919
2410	6	20,669	2,377	4,370	1,497	8,244	879	1,668	2,701	5,249	5,839
2411	6	26,169	3,271	3,776	3,297	10,345	437	1,436	808	2,681	7,393
2412	6	12,177	1,024	2,157	1,922	5,103	471	1,845	1,201	3,517	3,440
2413	6	10,419	851	1,864	1,684	4,400	1,376	5,675	3,798	10,848	2,943
2414	6	18,651	3,419	3,344	1,202	7,965	1,363	3,106	6,087	10,555	5,269
2415	6	15,276	2,880	2,812	1,009	6,701	2,003	4,614	9,032	15,649	4,316
2416	6	11,714	233	1,838	2,592	4,662	1,444	2,814	1,999	6,257	3,309
2417	6	7,176	164	1,046	1,448	2,659	2,051	4,017	2,847	8,916	2,027
2418	6	14,520	753	1,693	3,329	5,775	591	867	1,512	2,970	4,102
2419	6	7,169	371	858	1,705	2,934	513	739	1,344	2,596	2,025
2420	6	10,718	1,010	1,565	1,488	4,063	336	1,414	859	2,609	3,028
2421	6	9,933	909	1,439	1,384	3,731	229	959	600	1,789	2,806
2422	6	14,807	512	2,622	2,510	5,645	932	1,148	783	2,863	4,183
2423	6	18,195	3,743	1,896	1,939	7,578	754	1,394	1,467	3,616	5,140
2424	6	7,862	1,581	801	818	3,200	310	569	599	1,478	2,221
2425	6	19,900	1,864	1,959	3,856	7,679	1,318	1,969	1,795	5,082	5,622
2426	6	8,435	1,366	578	1,341	3,285	906	1,071	1,094	3,071	2,383
2427	6	3,217	498	204	518	1,220	556	713	790	2,059	909
2428	6	11,300	2,408	514	1,777	4,699	1,831	3,369	2,670	7,870	3,192
2429	6	17,504	3,800	643	3,061	7,505	1,143	2,478	1,921	5,542	4,945
2430	6	12,338	440	563	3,458	4,461	672	721	749	2,142	3,486
2431	6	6,876	255	318	1,909	2,482	676	720	749	2,145	1,942
2432	6	20,364	3,637	518	3,632	7,787	994	1,325	3,340	5,659	5,753
2433	6	9,104	270	2,144	1,160	3,574	3,834	5,263	10,039	19,135	2,572
2434	6	3,884	122	875	470	1,467	767	1,053	1,990	3,810	1,097
2435	6	6,189	406	881	1,126	2,412	3,197	3,278	4,539	11,013	1,748
2436	6	25,023	5,372	1,092	3,650	10,114	4,473	2,660	3,723	10,856	7,069
2437	6	16,670	3,205	1,020	2,726	6,950	848	1,735	2,864	5,447	4,709
2438	6	9,093	1,724	562	1,434	3,720	588	1,105	1,803	3,496	2,569
2501	6	7,077	861	958	731	2,550	207	582	80	870	1,999
2502	6	5,563	657	735	564	1,956	160	460	64	684	1,572
2503	6	11,182	914	1,534	1,564	4,013	163	751	407	1,322	3,159
2504	6	126	6	24	18	48	2	40	15	57	36
2505	6	8,512	1,660	967	707	3,334	1,031	2,767	99	3,897	2,405
2506	6	14,351	3,020	1,798	1,001	5,820	5,614	19,874	975	26,463	4,054
2507	6	7,597	1,664	1,014	395	3,073	4,888	17,673	904	23,465	2,146
2508	6	14,003	1,905	1,477	2,437	5,818	1,206	1,605	1,203	4,015	3,956
2509	6	4,091	574	419	531	1,524	604	734	472	1,809	1,156
2510	6	9,350	1,467	1,068	1,147	3,681	999	1,165	444	2,607	2,642
2511	6	8,358	1,310	962	1,080	3,352	1,082	1,352	551	2,984	2,361
2512	6	9,974	1,484	1,093	1,244	3,821	761	930	388	2,078	2,818
2513	6	24,043	3,672	2,671	2,859	9,203	2,484	2,841	1,093	6,418	6,792
2514	6	9,974	1,790	1,797	281	3,868	2,636	2,979	1,455	7,070	2,818
2515	6	8,899	1,782	1,675	264	3,721	2,433	2,993	1,219	6,645	2,514
2516	6	6,131	332	1,005	795	2,132	372	2,391	138	2,901	1,732
2517	6	2,728	234	458	322	1,014	371	2,443	138	2,952	771
2518	6	3,391	414	551	322	1,287	527	2,977	156	3,660	958
2519	6	4,059	392	651	428	1,471	393	2,326	114	2,833	1,147
2520	6	13,578	932	2,262	1,541	4,735	161	968	183	1,312	3,836
2521	6	14,110	969	2,296	1,555	4,820	351	2,224	395	2,969	3,986
2522	6	21,255	1,806	3,252	2,601	7,658	377	1,314	511	2,201	6,005
2523	6	18,094	1,492	2,692	2,155	6,338	472	1,612	641	2,725	5,112
2524	6	13,699	887	2,342	1,793	5,021	713	1,115	195	2,022	3,870
2525	6	8,877	592	1,624	1,254	3,471	914	1,326	247	2,487	2,508
2526	6	3,902	263	801	402	1,466	552	824	158	1,534	1,102
2527	6	23,618	534	4,979	2,792	8,305	1,010	1,882	421	3,313	6,672
2528	6	15,278	1,558	2,430	1,951	5,938	117	1,393	223	1,733	4,316
2529	6	23,552	2,458	3,651	2,853	8,962	412	2,460	367	3,239	6,653
2530	6	15,003	78	3,259	1,964	5,301	4,105	737	169	5,010	4,238
2531	6	8,142	270	2,253	505	3,028	574	647	29	1,250	2,300
2601	6	11,728	1,870	819	1,858	4,548	1,323	962	619	2,904	3,313
2602	6	10,777	1,804	842	1,548	4,194	1,342	1,067	509	2,918	3,045
2603	6	8,951	1,544	748	1,200	3,492	1,200	938	391	2,528	2,529
2604	6	14,393	2,325	1,036	2,225	5,586	1,637	1,176	739	3,552	4,066
2605	6	21,983	3,503	1,533	3,487	8,523	2,434	1,798	1,162	5,394	6,210
2606	6	9,361	2,183	539	1,026	3,748	562	454	1,046	2,062	2,644
2607	6	14,677	3,417	1,078	1,381	5,877	1,434	1,010	1,350	3,793	4,146
2608	6	12,711	2,963	773	1,353	5,089	832	636	1,369	2,837	3,591
2609	6	9,648	1,235	373	2,046	3,653	602	654	948	2,204	2,726
2610	6	6,582	782	192	1,505	2,480	382	403	703	1,489	1,859
2611	6	8,214	1,011	276	1,815	3,102	471	587	845	1,903	2,320
2612	6	2,981	367	100	659	1,126	180	267	307	753	842
2613	6	7,893	1,506	907	720	3,133	426	1,388	290	2,104	2,230
2614	6	5,247	981	588	512	2,081	167	884	207	1,258	1,482
2615	6	14,543	2,725	1,634	1,409	5,768	469	2,519	568	3,555	4,108

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2616	6	6,671	1,271	766	611	2,647	342	1,184	243	1,769	1,885
2617	6	35,063	6,597	2,140	5,021	13,759	882	5,217	2,106	8,206	9,905
2618	6	14,358	2,711	895	2,030	5,636	401	2,155	845	3,402	4,056
2619	6	2,656	499	161	382	1,043	63	390	159	613	750
2620	6	34,432	8,187	5,051	808	14,047	1,409	11,829	2,397	15,635	9,727
2701	10	15,184	2,047	3,273	1,191	6,511	1,074	2,760	2,589	6,423	4,289
2702	10	8,995	1,213	1,938	705	3,857	636	1,632	1,532	3,800	2,541
2703	10	13,732	412	3,230	1,648	5,290	398	6,271	963	7,631	3,879
2704	10	12,388	330	2,929	1,515	4,775	274	4,157	673	5,104	3,500
2705	10	25,873	1,428	2,032	5,954	9,414	790	11,150	1,239	13,179	7,309
2706	10	21,567	717	1,403	5,691	7,811	614	7,755	1,057	9,426	6,093
2707	10	33,173	4,247	9,107	1,031	14,385	925	8,355	7,068	16,348	9,371
2708	10	31,806	3,990	8,842	1,021	13,854	683	5,938	5,326	11,947	8,985
2709	10	21,938	222	7,303	1,219	8,743	1,318	7,058	1,013	9,388	6,198
2710	10	7,006	60	2,341	392	2,793	414	2,206	319	2,939	1,979
2711	10	12,191	102	4,076	683	4,862	734	3,908	565	5,206	3,444
2712	10	22,822	3,422	4,453	1,902	9,777	1,524	4,764	3,345	9,633	6,447
2713	10	12,659	1,924	2,459	1,016	5,399	792	2,440	1,709	4,941	3,576
2714	10	10,578	1,558	2,077	925	4,559	708	2,182	1,587	4,476	2,988
2715	10	7,280	1,409	1,475	379	3,264	184	2,311	652	3,147	2,057
2716	10	10,648	2,060	2,161	560	4,780	267	3,484	963	4,714	3,008
2717	10	17,674	141	4,814	1,871	6,826	368	6,212	1,219	7,799	4,993
2718	10	12,841	73	3,513	1,375	4,960	269	4,394	895	5,558	3,628
2719	10	10,280	62	2,810	1,099	3,971	216	3,532	715	4,463	2,904
2720	10	8,077	49	2,207	866	3,121	101	2,901	507	3,509	2,282
2721	10	9,931	48	2,719	1,071	3,838	124	3,586	627	4,336	2,806
2722	10	5,837	30	1,597	628	2,256	73	2,104	368	2,544	1,649
2723	10	15,397	4,016	1,374	1,677	7,066	93	6,153	501	6,747	4,350
2724	10	20,165	162	4,485	2,992	7,639	1,419	4,721	2,443	8,583	5,697
2725	10	10,494	2,377	1,351	1,017	4,745	755	2,418	1,283	4,455	2,965
2726	10	8,319	1,884	1,071	806	3,762	598	1,919	1,018	3,535	2,350
2727	10	3,918	887	506	377	1,769	280	910	476	1,666	1,107
2728	10	5,232	1,186	674	508	2,367	377	1,205	641	2,222	1,478
2729	10	11,351	1,371	1,669	1,582	4,622	1,350	2,241	1,158	4,749	3,207
2730	10	5,212	600	758	776	2,134	658	939	566	2,163	1,472
2731	10	7,828	901	1,139	1,165	3,205	988	1,414	850	3,252	2,211
2732	10	4,031	465	587	598	1,650	507	731	437	1,676	1,139
2733	10	2,747	316	399	409	1,124	347	496	298	1,141	776
2734	10	10,490	514	2,245	1,342	4,102	99	2,771	1,329	4,199	2,964
2735	10	9,637	415	2,079	1,281	3,774	97	2,725	1,380	4,202	2,722
2736	10	8,998	90	2,183	1,173	3,445	511	2,854	439	3,805	2,542
2737	10	10,223	81	2,488	1,346	3,916	529	2,971	459	3,959	2,888
2738	10	9,215	92	2,236	1,201	3,528	477	2,671	412	3,560	2,603
2739	10	15,046	172	3,642	1,946	5,760	855	4,828	733	6,417	4,250
2740	10	8,638	87	2,096	1,125	3,308	413	2,321	359	3,093	2,440
2741	10	17,834	1,076	5,056	1,209	7,341	592	4,551	2,472	7,616	5,038
2742	10	14,704	905	4,154	988	6,047	492	3,790	2,048	6,330	4,154
2743	10	12,922	783	3,660	874	5,317	434	3,347	1,812	5,593	3,651
2744	10	15,489	1,406	2,528	2,300	6,234	453	4,345	1,890	6,688	4,376
2745	10	6,793	624	1,109	999	2,732	198	1,908	821	2,927	1,919
2746	10	11,588	1,055	1,891	1,716	4,663	339	3,237	1,410	4,986	3,274
2747	10	12,782	2,482	1,644	1,473	5,600	382	3,455	1,699	5,537	3,611
2748	10	14,211	359	4,557	823	5,739	123	5,543	582	6,248	4,015
2749	10	5,583	599	1,492	290	2,380	104	2,040	286	2,430	1,577
2750	10	8,371	918	2,217	424	3,559	155	3,139	420	3,713	2,365
2751	10	5,580	611	1,478	283	2,373	103	2,071	280	2,454	1,576
2752	10	10,012	1,204	1,983	1,022	4,209	294	2,733	1,284	4,312	2,828
2753	10	9,824	1,212	1,936	965	4,114	283	2,761	1,215	4,258	2,775
2754	10	7,751	932	1,536	792	3,259	228	2,123	994	3,344	2,190
2755	10	8,391	2,123	1,458	371	3,952	420	2,229	938	3,588	2,370
2756	10	11,024	2,786	1,916	485	5,187	550	2,963	1,225	4,738	3,114
2757	10	8,179	2,068	1,421	361	3,850	409	2,187	912	3,507	2,311
2758	10	9,182	2,032	148	1,740	3,920	201	3,170	727	4,099	2,594
2759	10	8,156	1,810	77	1,612	3,499	182	2,686	671	3,540	2,304
2760	10	10,652	2,310	1,706	797	4,813	490	2,106	2,006	4,602	3,009
2761	10	6,805	1,476	1,089	513	3,079	315	1,322	1,291	2,929	1,922
2762	10	5,018	147	1,303	528	1,978	97	713	1,353	2,162	1,418
2763	10	7,141	202	1,857	756	2,815	138	1,009	1,935	3,081	2,017
2764	10	9,882	280	2,569	1,046	3,895	190	1,397	2,675	4,262	2,792
2765	10	2,464	73	639	259	970	47	353	663	1,063	696
2766	10	2,803	80	729	296	1,105	54	395	759	1,208	792
2767	10	1,268	40	327	132	499	24	184	337	545	358
2768	10	5,430	680	859	704	2,244	272	1,218	923	2,414	1,534
2769	10	5,193	630	817	703	2,151	270	1,027	923	2,220	1,467
2770	10	4,769	600	754	611	1,965	238	1,028	803	2,068	1,347
2771	10	6,997	867	1,104	919	2,889	355	1,515	1,207	3,077	1,977

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2772	10	15,027	960	2,489	2,434	5,883	544	4,103	1,822	6,470	4,245
2773	10	11,128	717	1,844	1,795	4,356	402	3,047	1,344	4,794	3,144
2774	10	12,221	1,779	1,922	1,445	5,146	283	3,967	1,035	5,284	3,452
2851	19	2,274	276	345	408	1,030	267	143	486	896	642
2852	19	2,099	255	320	377	952	247	132	449	828	593
2853	19	6,031	1,272	531	917	2,721	694	216	1,504	2,414	1,704
2854	19	5,428	1,145	501	825	2,472	625	195	1,354	2,173	1,533
2855	19	3,212	236	158	964	1,358	303	234	716	1,253	907
2861	9	12,116	2,479	1,455	409	4,344	1,257	735	2,973	4,965	3,423
2862	9	9,981	2,008	1,176	331	3,516	1,030	673	2,407	4,111	2,820
2863	9	3,482	659	384	108	1,151	355	241	788	1,385	984
2864	9	8,614	1,719	1,006	283	3,008	877	552	2,059	3,488	2,433
2865	9	11,259	2,293	1,345	378	4,016	1,169	669	2,748	4,586	3,181
2871	18	5,869	327	832	1,201	2,360	862	1,893	576	3,331	1,658
2872	18	4,941	506	378	931	1,814	359	566	166	1,090	1,396
2873	18	2,249	286	206	423	916	626	969	284	1,879	635
2874	18	7,227	456	1,066	1,338	2,861	706	1,360	263	2,328	2,042
2875	18	7,082	355	988	1,311	2,654	724	1,486	289	2,498	2,001
2876	18	5,352	252	737	991	1,980	327	665	129	1,121	1,512
2877	18	9,847	1,867	1,318	811	3,996	809	793	513	2,115	2,782
2878	18	8,164	815	750	1,442	3,007	427	648	354	1,428	2,306
2879	18	10,790	1,081	993	1,906	3,980	566	853	468	1,887	3,048
2880	18	13,002	1,334	1,216	2,296	4,846	791	1,164	638	2,592	3,673
2891	18	4,646	522	256	909	1,687	307	364	557	1,228	1,312
2892	18	3,029	567	259	366	1,193	311	180	385	876	856
2893	18	6,773	903	405	1,131	2,439	1,772	819	239	2,830	1,913
2894	18	5,680	725	319	949	1,993	1,456	686	201	2,343	1,605
2895	18	3,842	117	82	1,093	1,292	383	298	409	1,090	1,085
2896	18	8,147	196	142	2,317	2,655	762	631	868	2,261	2,301
2901	18	1,797	32	29	551	612	10	299	533	842	508
2902	18	1,225	23	21	376	420	8	204	363	575	346
2911	12	8,547	2,292	126	878	3,296	1,231	365	501	2,098	2,414
2912	12	4,711	1,198	68	457	1,722	642	208	262	1,113	1,331
2913	12	4,624	609	196	550	1,355	153	131	637	921	1,306
2914	12	7,133	1,484	850	597	2,931	416	974	269	1,659	2,015
2915	9	10,990	1,627	1,014	1,046	3,687	1,111	1,458	553	3,123	3,105
2916	9	12,276	1,938	1,221	1,259	4,418	1,212	1,461	636	3,309	3,468
2917	9	10,433	1,843	1,159	1,195	4,197	1,088	1,565	596	3,249	2,947
2918	9	6,198	1,063	652	673	2,388	793	1,374	341	2,508	1,751
2919	9	10,351	1,602	997	1,028	3,627	1,095	1,523	579	3,197	2,924
2920	9	15,833	2,698	1,701	1,755	6,153	1,604	1,988	940	4,532	4,473
2921	9	9,616	1,517	951	982	3,450	887	1,211	534	2,632	2,716
2922	12	12,653	88	204	3,473	3,765	674	1,124	1,630	3,428	3,574
2923	12	3,148	30	49	767	846	155	255	361	772	889
2924	12	5,911	45	107	1,825	1,976	362	574	853	1,789	1,670
2925	12	3,337	38	48	682	768	177	270	325	772	943
2926	12	42,763	10,443	4,776	4,156	19,374	2,190	5,040	3,639	10,869	12,081
2927	12	16,491	3,780	1,715	1,430	6,925	935	2,512	1,271	4,717	4,659
2928	12	11,283	911	1,563	1,563	4,038	265	130	1,521	1,917	3,187
2929	12	6,586	1,392	760	688	2,839	264	976	408	1,648	1,861
2930	13	6,822	1,302	788	860	2,950	167	541	245	953	1,927
2931	12	21,200	3,958	2,062	1,650	7,669	1,156	2,255	959	4,369	5,989
2932	12	18,316	3,601	1,954	1,742	7,297	678	2,615	1,021	4,314	5,174
2933	13	757	128	72	79	279	142	459	208	808	214
2934	12	2,575	540	292	259	1,091	133	403	155	691	727
2935	13	6,163	235	570	1,427	2,232	418	652	625	1,695	1,741
2936	12	7,591	375	654	1,301	2,330	386	792	547	1,725	2,145
2937	12	20,157	940	1,750	3,544	6,234	986	2,183	1,552	4,721	5,694
2938	12	3,877	200	344	681	1,225	272	535	397	1,204	1,095
2939	12	6,872	256	978	968	2,202	275	466	744	1,484	1,941
2940	12	8,586	408	1,150	1,094	2,652	385	925	947	2,257	2,426
2941	9	6,127	1,080	684	73	1,837	353	382	417	1,152	1,731
2942	9	15,364	3,117	1,971	2,034	7,122	1,687	2,111	1,176	4,974	4,340
2943	13	23,126	3,372	3,035	3,141	9,548	1,959	655	1,026	3,640	6,533
2944	13	21,107	2,959	2,663	2,756	8,378	3,262	1,092	1,708	6,062	5,963
2945	13	385	72	64	67	203	374	125	196	695	109
2946	12	9,530	1,445	1,099	907	3,452	371	1,148	582	2,101	2,692
2947	12	4,710	721	501	374	1,596	334	885	285	1,504	1,330
2948	12	19,648	2,846	1,968	1,456	6,270	1,471	3,189	1,116	5,776	5,550
2949	12	4,166	635	503	432	1,571	126	416	547	1,090	1,177
2991	10	8,818	954	1,762	836	3,551	1,228	5,217	1,701	8,147	2,491
2992	10	11,809	1,321	2,474	1,187	4,982	1,206	5,425	1,739	8,370	3,336
2993	10	16,777	2,211	4,348	2,166	8,725	2,155	9,889	3,153	15,197	4,740
2994	10	5,078	562	893	367	1,822	450	2,202	545	3,197	1,435
2995	10	14,801	1,554	3,066	1,531	6,152	1,226	5,266	1,789	8,281	4,181
2996	10	5,992	463	1,068	589	2,120	599	2,404	862	3,866	1,693

TAZ_1810	Cluster	Pop_21	RW_Off_21	RW_IND_21	RW_OTH_21	RW_Total_21	Emp_OFF_21	Emp_IND_21	Emp_OTH_21	Total Emp_21	Res. Stud._21
2997	10	19,208	1,750	3,698	1,937	7,385	1,712	7,559	2,500	11,771	5,426
2998	10	16,391	1,687	3,785	1,728	7,199	1,368	8,897	1,618	11,883	4,630
2999	10	27,892	2,769	7,321	3,640	13,730	2,604	15,352	3,140	21,095	7,879
3000	10	11,314	1,257	2,339	938	4,534	826	6,392	940	8,157	3,196
3001	10	932	135	158	33	326	39	353	31	423	263
3002	10	4,025	384	718	289	1,392	246	1,850	278	2,374	1,137
3003	10	39,957	3,975	9,971	4,835	18,782	4,457	27,374	5,353	37,184	11,288
3004	10	20,937	2,010	5,083	2,475	9,568	1,984	12,120	2,392	16,496	5,915
3005	10	2,725	379	560	183	1,122	204	1,255	439	1,899	770
3006	10	5,547	872	1,107	285	2,263	647	3,729	1,526	5,902	1,567
3007	10	7,807	1,102	1,650	548	3,300	430	3,182	1,062	4,674	2,205
3008	10	9,255	1,249	1,840	598	3,688	661	4,037	1,521	6,219	2,614
3009	10	6,337	851	1,251	406	2,508	451	2,826	1,082	4,358	1,790
3010	10	388	63	70	13	145	14	292	31	338	110
3011	10	6,389	971	1,313	377	2,661	364	2,248	843	3,455	1,805
3012	10	6,117	984	1,437	461	2,883	389	2,438	933	3,760	1,728
3013	10	5,600	655	969	317	1,940	316	2,005	764	3,086	1,582
3014	10	5,535	845	1,003	223	2,071	230	1,798	493	2,520	1,564
3015	10	2,827	433	593	174	1,200	193	1,254	420	1,867	799
3016	10	1,231	252	210	-	462	62	506	12	580	348
3017	10	2,712	384	503	137	1,024	137	838	313	1,288	766
3018	10	760	134	133	16	282	72	534	42	648	215
3019	10	2,690	421	623	204	1,248	202	1,317	489	2,008	760
3020	10	2,282	326	443	128	897	156	1,017	310	1,483	645
3021	10	1,134	142	206	65	413	68	413	158	639	320
3022	10	25,482	2,988	4,662	1,626	9,275	1,571	10,017	3,901	15,488	7,199
3023	10	4,386	617	777	196	1,591	190	1,234	411	1,835	1,239
3024	10	13,441	1,989	3,061	1,050	6,100	764	5,057	1,874	7,694	3,797
3025	10	21,603	3,045	4,547	1,504	9,096	1,711	11,730	4,206	17,646	6,103
3026	10	13,189	1,123	874	2,649	4,647	592	6,400	1,546	8,539	3,726
3027	10	5,494	487	384	911	1,782	220	2,509	563	3,292	1,552
3071	6	55,251	1,860	9,224	9,310	20,395	6,578	8,128	493	15,198	15,608
3072	6	13,018	723	1,983	1,806	4,512	1,340	2,889	101	4,330	3,678
3073	6	5,612	655	914	638	2,207	577	2,677	41	3,294	1,585
3074	6	6,013	172	1,169	1,219	2,560	830	801	63	1,694	1,699
3075	6	4,218	541	503	681	1,725	652	515	19	1,186	1,192
3076	6	4,947	787	625	582	1,993	836	748	19	1,602	1,398
3077	6	6,404	800	806	1,246	2,853	1,096	737	32	1,865	1,809
3078	6	8,605	1,028	993	1,439	3,460	1,293	955	39	2,287	2,431
3079	6	4,690	663	572	664	1,899	764	664	19	1,448	1,325
3080	6	2,084	374	278	203	854	768	685	9	1,463	589
3081	6	7,102	1,170	918	825	2,914	1,219	1,132	27	2,378	2,006
3082	6	2,731	342	287	311	940	684	604	11	1,299	772
3083	6	1,647	247	209	232	688	587	494	8	1,089	465
3084	6	3,870	496	414	444	1,354	930	795	16	1,741	1,093
3085	6	4,528	1,088	424	471	1,984	1,080	1,040	212	2,332	1,279
3101	15	7,868	1,369	781	577	2,727	585	1,329	198	2,112	2,223
3102	15	13,476	2,734	1,596	1,180	5,510	864	2,060	388	3,312	3,807
3103	15	3,437	615	359	265	1,239	185	472	89	747	971
3104	15	944	242	141	104	488	70	178	33	281	267
3105	15	5,989	1,199	698	516	2,413	870	643	136	1,648	1,692
3106	15	12,795	2,432	1,413	1,045	4,890	1,754	1,302	277	3,332	3,615
3107	15	6,864	1,476	864	639	2,978	1,006	660	164	1,830	1,939
3108	15	11,718	336	695	1,520	2,551	689	1,344	524	2,558	3,310
3109	15	1,705	49	98	213	360	85	226	80	392	482
3121	9	2,474	474	277	78	829	171	101	372	643	699
3122	17	1,24,425	8,039	28,347	15,826	52,211	1,489	26,165	13,512	41,166	35,150
3123	16	22,362	1,931	3,441	3,054	8,427	342	3,108	3,582	7,032	6,317
3124	17	81,173	4,055	2,979	23,433	30,467	2,321	14,288	6,294	22,903	22,931
3125	17	33,032	8,610	4,040	4,226	16,877	1,228	2,597	6,297	10,122	9,331
3126	18	17,669	504	3,300	3,133	6,937	4,490	3,797	125	8,411	4,991
3127	18	25,000	1,627	3,165	4,327	9,119	191	189	4,022	4,402	7,062
3128	18	26,726	1,978	3,421	4,404	9,803	1,833	2,162	2,901	6,896	7,550
3129	18	23,281	1,581	2,820	3,692	8,093	1,442	1,769	2,448	5,659	6,577
3130	18	174	27	18	43	87	32	20	11	64	49
3131	18	-	57	35	-	92	302	12	-	314	-
3132	18	37,580	5,317	5,505	3,040	13,863	5,571	5,493	1,916	12,980	10,616
3133	18	-	2	1	-	3	1	0	-	1	-
3134	19	1,17,601	14,213	14,418	23,365	51,995	9,956	11,051	17,928	38,935	33,222
3135	18	3,948	721	589	500	1,810	430	892	194	1,516	1,115
3136	18	6,902	910	849	999	2,758	426	992	700	2,118	1,950
3137	18	48,456	6,353	6,007	7,238	19,598	126	30	8,679	8,835	13,689

Annexure 7-6

Planning parameters for 2026: MMR Area (CTSU Scenario)

ANNEXURE 7-6: PLANNING PARAMETERS FOR 2026:MMR AREA (CTSU SCENARIO)

Table 1: Planning Parameters 2026 (CTSU Scenario)

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1	1	1,319	331	17	306	655	405	67	376	847	373
2	1	8,854	2,279	313	1,853	4,445	4,540	359	1,257	6,156	2,501
3	1	22,454	5,460	718	4,121	10,300	3,457	244	2,123	5,824	6,343
4	1	26,718	6,665	855	4,904	12,423	5,042	312	2,707	8,060	7,548
5	1	20,271	4,926	648	3,721	9,295	3,910	279	2,425	6,614	5,726
6	1	6,643	2,182	421	310	2,913	8,494	991	6,981	16,466	1,877
7	1	5,148	1,297	188	984	2,469	4,840	966	2,579	8,384	1,454
8	1	2,533	567	42	725	1,334	2,074	249	7,573	9,895	716
9	1	14,984	3,513	244	4,263	8,020	9,715	2,933	14,127	26,774	4,233
10	1	3,512	1,170	144	728	2,041	43,615	3,072	8,001	54,688	992
11	1	2,639	1,151	108	547	1,806	35,287	2,435	6,342	44,064	746
12	1	15,148	3,689	603	2,641	6,933	55,843	1,930	6,653	64,426	4,279
13	1	5,571	1,397	238	952	2,588	14,121	2,579	6,357	23,057	1,574
14	1	1,691	347	125	246	718	4,472	1,058	3,658	9,188	478
15	1	1,965	432	76	337	845	17,413	1,842	9,450	28,704	555
16	1	6,763	2,031	281	820	3,132	4,701	3,923	5,058	13,683	1,910
17	1	4,533	1,701	77	759	2,537	16,131	954	11,249	28,335	1,281
18	1	20,799	2,032	95	1,094	3,221	44,769	2,223	12,501	59,493	5,876
19	1	9,970	546	329	1,283	2,157	22,789	7,438	9,421	39,648	2,816
20	1	6,657	1,553	131	1,102	2,786	12,375	3,826	4,891	21,092	1,881
21	1	7,469	841	216	1,968	3,025	4,506	1,912	5,377	11,795	2,110
22	1	3,089	926	55	211	1,192	1,825	934	2,906	5,664	873
23	1	4,786	145	342	1,456	1,943	6,778	3,932	4,089	14,799	1,352
24	1	8,227	989	97	2,807	3,893	21,614	3,987	5,187	30,787	2,324
25	1	16,455	3,112	628	2,551	6,291	4,999	3,069	2,215	10,284	4,648
26	1	7,347	1,122	71	1,731	2,925	3,202	31	1,314	4,547	2,076
27	1	8,276	2,285	99	686	3,070	4,155	27	1,282	5,464	2,338
28	1	11,569	2,438	46	2,104	4,588	3,616	749	1,958	6,324	3,268
29	1	9,453	739	58	3,175	3,972	4,956	366	385	5,707	2,670
30	1	7,245	836	138	1,015	1,988	3,359	79	1,409	4,847	2,047
31	1	9,394	2,497	419	1,119	4,035	2,678	93	1,924	4,695	2,654
32	1	3,850	852	220	548	1,621	860	175	860	1,895	1,088
33	1	3,939	282	199	1,330	1,811	4,246	163	1,905	6,315	1,113
34	1	7,083	1,054	478	1,064	2,596	4,641	306	1,853	6,800	2,001
35	1	4,111	511	260	788	1,558	2,956	252	1,629	4,837	1,161
36	1	9,910	1,087	454	2,477	4,017	5,484	1,069	3,207	9,759	2,800
37	1	5,846	1,441	-	1,132	2,573	3,277	-	6,272	9,548	1,651
38	1	3,451	456	19	1,091	1,566	1,971	-	3,731	5,702	975
39	1	10,029	970	174	3,311	4,455	2,689	-	9,694	12,383	2,833
40	1	4,027	171	125	1,349	1,645	4,239	318	10,962	15,519	1,138
41	1	5,357	901	183	959	2,043	4,342	1,638	8,977	14,957	1,513
42	1	7,114	1,080	181	1,552	2,813	2,027	412	14,316	16,754	2,010
43	1	4,741	229	209	1,413	1,851	1,718	517	11,033	13,268	1,339
44	1	5,153	585	151	1,310	2,047	5,696	293	6,454	12,443	1,456
45	1	3,326	1,029	131	1,284	2,444	18,416	324	25,153	43,892	940
46	1	3,563	1,099	-	1,708	2,806	16,023	3,823	25,535	45,381	1,006
47	1	1,492	365	146	479	990	10,705	2,233	3,324	16,262	421
48	1	2,442	557	135	1,088	1,780	32,349	627	5,549	38,525	690
49	1	3,416	552	255	798	1,605	5,337	572	3,837	9,746	965
50	1	2,701	437	132	765	1,334	4,299	365	2,467	7,131	763
51	1	2,471	662	120	372	1,154	2,400	261	2,100	4,761	698
52	1	2,613	564	106	682	1,352	4,065	289	5,170	9,524	738
53	1	5,457	1,807	113	897	2,816	10,110	449	8,661	19,220	1,541
54	1	5,587	1,457	239	1,134	2,831	6,167	864	4,644	11,676	1,578
55	1	8,473	2,046	351	1,896	4,293	7,341	159	4,088	11,588	2,394
56	1	9,075	822	311	3,596	4,729	6,886	285	2,730	9,901	2,564
57	1	9,304	2,383	355	1,766	4,504	5,128	1,175	6,113	12,416	2,628
58	1	1,571	324	55	206	585	1,828	608	1,728	4,163	444
59	1	13,800	3,613	529	2,371	6,514	12,049	502	7,613	20,165	3,898
60	1	10,698	2,256	254	2,764	5,274	9,662	471	2,558	12,691	3,022
61	1	3,929	759	181	892	1,831	2,328	412	1,975	4,715	1,110
62	1	4,268	899	158	970	2,027	2,085	316	2,753	5,155	1,206
63	1	2,748	601	124	541	1,266	1,240	94	1,782	3,115	776
64	1	5,722	1,324	55	1,534	2,912	2,530	125	3,824	6,480	1,616
65	1	5,270	622	111	1,977	2,710	3,577	202	2,594	6,373	1,489
66	1	7,609	1,625	296	1,271	3,192	3,076	1,881	3,481	8,438	2,150
67	1	6,027	1,492	358	478	2,328	4,442	282	1,563	6,287	1,703
68	1	4,307	704	83	1,133	1,920	2,864	86	1,061	4,010	1,217
69	1	3,249	450	81	901	1,432	839	56	1,770	2,665	918
70	1	2,776	407	76	728	1,210	659	28	1,210	1,897	784
71	1	3,958	554	99	1,097	1,751	545	63	5,047	5,656	1,118
72	1	7,858	1,798	105	1,587	3,489	2,036	259	5,335	7,631	2,220
73	1	4,192	996	182	542	1,721	1,204	60	1,744	3,008	1,184
74	1	7,529	522	558	1,880	2,960	2,530	432	2,485	5,446	2,127
75	1	6,154	2,242	134	625	3,000	9,142	1,320	2,529	12,991	1,739
76	1	3,251	1,075	125	262	1,462	1,792	132	678	2,602	918
77	1	1,058	248	19	248	515	863	8	293	1,164	299
78	1	7,852	2,059	503	690	3,253	4,976	87	1,012	6,075	2,218
79	1	847	341	13	31	386	214	61	398	673	239
80	1	8,501	1,512	125	2,628	4,265	5,777	48	1,496	7,320	2,402
81	1	1,485	533	58	288	880	3,356	241	5,660	9,258	419
82	1	7,294	815	211	2,893	3,919	8,111	1,255	12,888	22,253	2,061
83	1	3,514	388	224	1,233	1,846	7,915	1,612	1,919	11,447	993
84	1	5,850	2,693	157	216	3,066	13,446	2,908	4,615	20,968	1,653
85	1	7,137	3,059	59	648	3,767	1,399	301	1,876	3,576	2,016
86	1	8,732	2,259	119	2,356	4,735	729	181	2,224	3,134	2,467
87	1	5,420	2,612	28	111	2,750	217	50	1,477	1,745	1,531
88	1	10,835	2,623	225	2,904	5,753	1,282	311	1,488	3,081	3,061
89	1	11,899	5,803	136	27	5,966	2,307	551	3,074	5,932	3,361
90	1	11,733	5,625	141	70	5,836	1,888	86	1,907	3,880	3,315
91	1	5,301	1,792	291	216	2,300	2,981	123	1,339	4,443	1,498
92	1	6,787	1,660	301	1,148	3,109	1,815	656	3,075	5,546	1,917
93	1	4,832	1,176	157	991	2,324	2,325	225	1,570	4,120	1,365
94	1	6,524	2,262	194	953	3,410	5,879	79	3,657	9,615	1,843
95	1	4,547	1,455	66	725	2,246	1,696	43	1,431	3,169	1,285
96	1	40,491	12,001	595	7,505	20,100	17,603	1,445	12,417	31,466	11,439
97	1	11,728	2,350	513	2,691	5,555	3,345	1,369	3,023	7,737	3,313
98	1	22,573	8,364	381	2,096	10,840	8,517	478	9,467	18,462	6,377
99	1	6,727	1,226	321	1,345	2,892	887	638	1,462	2,988	1,900
100	1	4,641	1,083	223	934	2,240	2,517	265	663	3,445	1,311
101	1	4,362	1,053	139	1,203	2,395	8,878	2,754	4,794	16,426	1,232
102	1	5,308	997	356	723	2,076	96	10	11	117	1,499
103	1	18,839	3,886	504	4,078	8,468	6,699	369	2,434	9,502	5,322
104	1	25,003	7,661	1,118	1,281	10,060	3,488	1,038	3,997	8,522	7,063
105	1	12,310	1,872	1,037	3,135	6,045	7,615	667	3,092	11,375	3,478
106	1	15,832	2,555	881	3,285	6,720	2,890	484	3,246	6,620	4,472
107	1	15,656	1,633	947	4,105	6,684	5,140	2,000	4,448	11,588	4,423
108	1	12,792	2,719	483	3,409	6,611	2,599	2,023	2,466	7,088	3,614
109	1	5,091	1,472	587	536	2,595	3,132	1,613	2,874	7,619	1,438
110	1	7,862	1,283	348	1,648	3,280	1,476	56	3,716	5,248	2,221
111	1	8,131	1,671	109	1,784	3,564	4,006	611	5,801	10,419	2,297
112	1	5,185	286	86	1,954	2,326	1,653	258	1,546	3,457	1,465
113	1	5,694	175	56	2,391	2,622	612	115	1,705	2,432	1,609
114	1	14,844	477	1,006	4,116	5,599	574	237	5,976	6,787	4,194
115	1	3,310	517	167	442	1,126	2,833	154	679	3,666	935
116	1	5,814	625	143	1,438	2,206	2,885	432	1,325	4,642	1,643
117	1	7,527	1,154	263	1,267	2,684	143	198	4,976	5,316	2,126
118	1	3,828	396	127	888	1,411	68	91	2,021	2,180	1,081
119	1	2,213	261	47	537	845	177	180	1,613	1,970	625
120	1	1,941	56	39	684	779	76	172	1,418	1,666	548
121	1	12,752	1,461	1,912	473	3,846	5,581	381	4,255	10,218	3,602
122	1	14,359	970	641	4,911	6,522	2,850	1,008	3,834	7,692	4,056
123	1	14,368	1,927	1,155	2,665	5,747	4,687	1,776	2,086	8,549	4,059
124	1	42,291	6,990	2,247	9,033	18,270	13,594	3,270	6,596	23,460	11,947
125	1	23,338	2,612	705	7,582	10,899	6,787	1,464	7,684	15,935	6,593
126	1	14,914	2,977	818	2,651	6,446	4,119	1,054	5,847	11,019	4,213
127	1	11,561	1,529	1,341	1,085	3,954	3,150	204	2,922	6,275	3,266
128	1	5,046	692	260	1,228	2,180	922	214	1,768	2,904	1,426
129	1	2,979	750	124	652	1,527	2,484	551	1,145	4,180	842
130	1	7,185	1,331	74	2,172	3,577	6,364	899	2,555	9,819	2,030
131	1	5,819	1,122	166	1,463	2,751	4,125	1,834	3,461	9,419	1,644
132	1	7,014	985	360	1,733	3,079	5,767	788	2,606	9,160	1,981
133	1	7,633	2,062	384	768	3,215	6,064	1,043	3,397	10,505	2,156
134	1	4,529	1,208	55	1,012	2,275	2,585	791	2,439	5,815	1,280
135	1	5,357	1,203	223	999	2,424	4,282	1,712	1,553	7,547	1,513
136	1	28,050	7,217	825	3,849	11,891	4,744	1,395	3,922	10,061	7,924
137	1	20,961	7,993	160	1,197	9,350	3,462	512	3,615	7,589	5,921
138	1	61,549	11,329	953	15,997	28,278	13,141	709	7,096	20,946	17,388
139	1	25,167	4,769	1,160	4,625	10,554	7,347	2,988	1,103	11,438	7,110
140	1	6,571	1,364	540	553	2,456	1,813	300	840	2,953	1,856
141	1	63,712	11,829	2,425	10,787	25,040	14,873	827	9,600	25,300	17,999
142	1	50,761	9,337	3,130	5,131	17,597	12,651	1,076	6,895	20,622	14,340

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
143	1	21,869	1,707	1,229	5,182	8,118	2,290	585	3,913	6,788	6,178
144	1	47,091	8,424	2,665	6,076	17,165	4,162	1,823	7,338	13,323	13,303
145	1	37,790	6,658	1,414	6,384	14,456	1,558	1,118	7,063	9,738	10,676
146	1	10,255	1,583	570	1,933	4,086	1,061	655	861	2,577	2,897
147	1	13,904	3,081	772	2,621	6,475	4,994	702	923	6,619	3,928
148	1	7,674	1,321	394	1,337	3,052	1,546	985	1,295	3,826	2,168
149	1	23,156	4,902	937	4,232	10,071	3,188	622	5,780	9,590	6,542
150	1	10,018	1,353	605	2,075	4,033	1,376	429	1,447	3,252	2,830
151	1	22,026	1,152	573	8,819	10,543	6,424	501	2,161	9,085	6,222
152	1	13,481	3,805	478	1,982	6,266	4,569	537	5,990	11,096	3,808
153	1	8,413	1,882	257	1,425	3,563	1,310	103	1,109	2,522	2,377
154	1	12,411	3,136	1,076	1,108	5,321	9,710	2,051	6,008	17,769	3,506
155	1	10,103	2,107	534	1,565	4,206	3,428	762	1,068	5,259	2,854
156	1	17,478	3,382	1,354	1,976	6,712	3,003	2,111	4,209	9,322	4,938
157	1	3,661	537	275	670	1,483	3,521	1,051	1,675	6,248	1,034
158	1	20,112	3,307	2,021	2,135	7,462	8,492	2,290	3,046	13,828	5,682
159	1	18,600	4,028	739	3,504	8,270	6,057	1,534	2,286	9,876	5,255
160	1	13,351	2,615	568	2,559	5,741	1,366	508	4,938	6,813	3,772
161	1	24,461	3,420	1,711	4,422	9,552	1,550	937	1,898	4,384	6,910
162	1	16,898	1,962	1,000	4,052	7,014	1,885	600	2,014	4,499	4,774
163	1	17,013	3,939	367	5,088	9,394	15,190	2,482	6,400	24,072	4,806
164	1	2,938	780	220	357	1,358	945	409	169	1,524	830
165	1	20,137	2,564	1,518	5,319	9,401	34,578	4,174	7,885	46,637	5,689
166	1	11,862	3,303	466	2,357	6,126	3,543	550	1,764	5,857	3,351
167	1	19,104	3,097	1,660	2,202	6,958	1,125	676	2,050	3,851	5,397
168	1	15,069	2,311	949	2,763	6,022	1,125	844	1,359	3,328	4,257
169	1	7,509	1,071	330	1,780	3,181	859	152	965	1,976	2,121
170	1	2,218	326	168	358	852	147	122	287	556	626
171	1	5,377	1,161	356	629	2,146	1,152	938	1,544	3,634	1,519
172	1	7,304	1,362	404	1,303	3,069	5,990	2,247	3,476	11,713	2,063
173	1	6,055	1,183	584	383	2,150	1,635	916	917	3,467	1,710
174	1	5,570	1,018	354	859	2,231	617	452	1,462	2,531	1,574
175	1	6,549	2,336	77	527	2,939	2,445	587	1,122	4,154	1,850
176	1	32,461	6,631	1,111	6,660	14,402	10,123	978	5,516	16,618	9,170
177	1	6,813	1,447	414	836	2,697	1,076	32	2,069	3,177	1,925
178	1	8,063	539	1,226	636	2,402	1,386	37	2,583	4,006	2,278
179	1	21,068	4,375	703	4,870	9,947	10,249	1,884	4,844	16,978	5,952
180	1	24,763	2,239	2,397	5,743	10,379	7,916	1,432	7,865	17,213	6,996
181	1	23,898	1,956	1,511	7,282	10,748	5,922	1,187	5,028	12,137	6,751
182	1	28,326	2,367	1,791	8,631	12,789	7,734	1,512	6,405	15,651	8,002
183	1	14,554	1,211	920	4,435	6,566	4,748	947	4,012	9,707	4,112
184	1	7,700	839	487	2,346	3,672	2,584	385	1,632	4,601	2,175
185	1	3,195	343	202	973	1,518	1,638	277	1,173	3,088	902
186	1	16,902	2,378	976	4,356	7,710	6,388	1,997	5,908	14,292	4,775
187	1	19,281	3,614	923	4,440	8,976	6,188	3,765	2,125	12,078	5,447
188	1	15,280	2,748	731	3,519	6,998	4,734	3,164	1,786	9,683	4,317
189	1	19,709	3,540	943	4,539	9,023	5,181	3,445	1,945	10,571	5,568
190	1	12,482	2,162	625	2,843	5,630	2,437	1,870	2,950	7,257	3,526
191	1	32,071	6,508	1,870	5,567	13,945	10,871	2,399	5,870	19,140	9,060
192	1	14,147	2,245	1,306	2,050	5,600	4,056	1,428	1,910	7,394	3,996
193	1	263	141	6	13	159	3,619	376	3,499	7,494	74
194	1	9,683	1,216	847	1,887	3,950	2,404	318	3,162	5,883	2,735
195	1	3,939	734	172	896	1,802	847	114	1,239	2,200	1,113
196	1	11,683	1,991	802	2,454	5,247	10,041	1,454	2,193	13,688	3,300
197	1	20,860	6,515	1,204	1,655	9,374	26,985	6,945	7,847	41,777	5,893
198	1	24,329	8,769	611	1,681	11,060	10,142	1,164	7,462	18,768	6,873
199	1	28,458	5,423	1,243	6,470	13,135	8,162	4,617	6,980	19,759	8,039
200	1	20,579	4,565	553	4,794	9,912	7,848	4,474	8,883	21,206	5,814
201	1	19,547	7,709	221	1,289	9,219	5,559	563	9,178	15,300	5,522
202	1	3,450	745	259	441	1,445	2,383	973	811	4,168	975
203	1	30,818	6,582	1,150	6,768	14,500	10,803	1,199	11,611	23,613	8,706
204	1	20,048	6,090	41	2,858	8,989	9,877	2,495	5,753	18,125	5,663
205	1	6,310	1,507	109	1,294	2,910	3,208	547	1,815	5,570	1,783
206	1	3,780	1,340	29	285	1,653	1,346	568	1,375	3,289	1,068
207	1	2,854	625	57	577	1,259	890	114	1,382	2,386	806
208	1	9,341	1,533	497	1,751	3,782	5,206	466	2,679	8,350	2,639
209	1	18,961	5,358	189	2,864	8,411	9,835	3,012	10,109	22,955	5,356
210	1	5,451	612	357	1,283	2,253	1,972	377	2,708	5,057	1,540
211	1	3,047	962	134	243	1,339	2,286	290	1,661	4,236	861
212	1	4,797	1,149	109	801	2,058	1,580	92	2,678	4,350	1,355
213	1	5,325	1,205	125	1,212	2,542	5,395	1,199	2,898	9,492	1,504
214	1	9,561	1,581	713	1,601	3,895	3,982	1,767	7,193	12,943	2,701
215	1	7,121	1,314	330	1,503	3,147	5,632	900	3,574	10,105	2,012
216	1	4,445	803	129	1,099	2,031	1,382	581	2,991	4,954	1,256
217	1	13,930	914	641	4,784	6,339	8,825	2,295	9,634	20,754	3,935
218	1	7,241	1,423	824	846	3,093	10,012	1,187	1,301	12,500	2,045

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
219	1	8,750	2,298	183	1,570	4,051	5,427	707	5,210	11,343	2,472
220	1	5,331	692	430	969	2,091	3,431	1,778	1,537	6,747	1,506
221	1	13,147	2,248	740	2,527	5,515	11,111	2,655	2,246	16,012	3,714
222	1	4,040	936	319	306	1,561	1,998	1,142	972	4,112	1,141
223	1	4,604	1,509	92	895	2,497	8,677	1,833	2,713	13,222	1,301
224	1	19,697	3,727	422	5,601	9,750	15,823	5,020	4,767	25,610	5,564
225	1	4,039	628	195	1,085	1,908	1,432	209	700	2,340	1,141
226	1	10,172	1,232	1,137	1,518	3,887	2,910	745	1,153	4,809	2,874
227	1	6,841	1,399	493	1,173	3,065	4,232	1,023	1,777	7,032	1,933
228	1	26,687	10,124	351	2,077	12,552	7,584	4,741	4,635	16,961	7,539
229	1	16,164	3,230	751	3,533	7,514	13,852	2,693	2,815	19,360	4,566
230	1	10,644	3,227	155	1,756	5,139	4,899	554	1,047	6,500	3,007
231	1	10,261	1,817	647	2,076	4,541	1,255	1,299	3,929	6,484	2,899
232	1	15,218	3,038	661	3,189	6,887	5,360	300	2,565	8,225	4,299
233	1	9,410	1,995	820	1,315	4,130	5,385	1,166	3,001	9,552	2,658
234	1	27,767	3,024	2,659	6,315	11,999	11,404	9,839	3,754	24,997	7,844
235	1	6,777	1,330	449	1,323	3,101	3,001	1,178	2,012	6,191	1,915
236	1	6,823	1,647	230	1,993	3,870	12,413	3,035	7,978	23,425	1,927
237	1	5,677	1,812	211	657	2,681	1,568	640	1,071	3,279	1,604
238	1	8,514	2,131	625	1,075	3,832	8,807	3,649	5,000	17,456	2,405
239	1	12,229	3,371	430	2,198	5,999	6,271	2,574	4,018	12,863	3,455
240	1	28,117	6,669	854	5,795	13,318	6,898	754	2,097	9,749	7,943
241	1	17,045	3,463	691	3,789	7,943	3,839	800	1,284	5,924	4,815
242	1	24,512	4,069	1,367	5,921	11,357	7,467	2,545	9,538	19,551	6,925
243	1	5,537	3,558	110	730	4,398	11,050	322	1,777	13,148	1,564
244	2	7,102	260	835	2,174	3,269	1,200	525	1,155	2,880	2,006
245	2	11,873	1,430	866	3,536	5,831	1,925	366	2,398	4,689	3,354
246	2	6,741	1,430	728	662	2,820	1,262	253	1,571	3,086	1,904
247	2	17,259	3,970	738	3,938	8,646	4,741	43	3,598	8,382	4,876
248	2	9,327	1,709	22	3,430	5,161	1,446	182	2,633	4,261	2,635
249	2	24,536	4,685	215	6,769	11,668	3,824	709	6,249	10,781	6,931
250	2	6,316	874	447	1,497	2,818	2,010	191	2,177	4,378	1,784
251	2	12,989	3,962	331	1,766	6,059	11,847	359	4,218	16,425	3,669
252	2	25,423	7,399	662	3,530	11,590	14,784	442	5,188	20,414	7,182
253	2	25,473	6,710	684	3,649	11,043	7,872	257	3,014	11,142	7,196
254	2	13,370	4,207	337	1,798	6,342	4,625	90	1,059	5,775	3,777
255	2	6,124	1,198	368	1,546	3,112	1,151	670	3,315	5,136	1,730
256	2	27,177	7,603	1,179	3,818	12,601	3,013	615	4,689	8,317	7,677
257	2	15,229	3,064	763	3,620	7,447	1,631	421	3,079	5,130	4,302
258	2	21,640	5,751	437	5,812	11,999	5,237	1,162	2,611	9,009	6,113
259	2	36,420	7,037	1,954	7,583	16,574	6,462	389	1,684	8,535	10,289
260	2	45,619	8,902	3,025	8,275	20,202	6,005	2,650	6,237	14,892	12,887
261	2	17,309	3,333	1,941	1,346	6,619	2,143	146	2,082	4,372	4,890
262	2	35,104	2,800	6,801	1,576	11,177	4,604	1,431	5,190	11,225	9,917
263	2	354	383	-	-	383	7,647	394	1,150	9,191	100
264	2	755	370	47	37	454	6,068	314	915	7,297	213
265	2	-	277	-	-	277	14,321	622	1,814	16,756	-
266	2	44,068	9,193	4,073	3,189	16,456	13,464	684	1,995	16,144	12,449
267	2	5,794	2,184	544	426	3,154	63,572	677	1,974	66,223	1,637
268	2	24,842	5,818	2,413	1,890	10,120	20,333	1,086	3,168	24,587	7,018
269	2	958	798	25	20	843	17,802	933	2,721	21,456	271
270	2	7,578	2,518	629	493	3,639	10,462	499	1,455	12,415	2,141
271	2	48,138	11,509	3,474	6,054	21,037	7,054	1,283	5,299	13,637	13,599
272	2	44,529	7,805	2,609	8,274	18,687	10,969	1,302	8,832	21,102	12,580
273	2	8,241	3,617	78	896	4,591	5,569	285	1,520	7,375	2,328
274	2	11,735	3,683	312	1,269	5,264	2,697	575	3,692	6,963	3,315
275	2	25,080	5,280	2,187	2,227	9,694	4,579	766	3,773	9,118	7,085
276	2	28,153	7,565	1,652	3,552	12,769	4,640	1,514	3,922	10,076	7,953
277	2	18,752	4,203	778	4,006	8,987	1,912	1,235	3,876	7,022	5,297
278	2	59,155	17,045	562	16,246	33,853	3,415	1,765	10,654	15,833	16,711
279	2	16,641	3,216	1,088	3,608	7,913	2,203	658	4,265	7,126	4,701
280	2	6,959	1,977	95	1,578	3,650	959	65	2,346	3,371	1,966
281	2	10,726	3,877	475	1,765	6,117	6,017	222	1,843	8,082	3,030
282	2	12,370	4,507	888	1,282	6,677	5,844	169	2,408	8,422	3,495
283	2	3,390	606	276	614	1,495	1,004	498	3,568	5,070	958
284	2	4,225	1,862	67	370	2,299	5,069	1,146	1,889	8,104	1,194
285	2	5,924	814	730	1,049	2,593	6,518	788	2,886	10,193	1,673
286	2	4,459	1,068	65	1,150	2,283	2,271	144	5,371	7,786	1,260
287	2	16,139	3,063	485	3,688	7,236	2,892	346	3,784	7,023	4,559
288	2	21,190	6,072	469	4,023	10,564	6,125	2,298	2,462	10,886	5,986
289	2	10,296	2,749	390	1,876	5,015	4,675	265	2,526	7,466	2,909
290	2	17,407	2,921	1,507	2,752	7,181	5,286	1,307	4,859	11,452	4,918
291	2	6,199	820	704	1,798	3,323	1,317	199	910	2,426	1,751
292	2	18,833	3,909	1,390	3,659	8,958	2,417	1,233	5,726	9,376	5,320
293	2	9,977	3,570	294	1,557	5,420	6,505	697	3,733	10,935	2,818
294	2	18,467	4,441	1,546	2,673	8,661	6,567	6,455	6,343	19,366	5,217

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
295	2	7,319	2,735	103	658	3,496	939	668	1,997	3,603	2,068
296	2	14,855	2,394	2,362	1,015	5,771	4,240	1,469	3,529	9,238	4,197
297	2	8,611	1,421	277	2,715	4,413	1,247	454	2,343	4,044	2,432
298	2	6,126	1,134	412	1,271	2,817	507	248	1,865	2,619	1,731
299	2	6,184	830	805	709	2,345	1,671	214	632	2,517	1,747
300	2	18,290	2,914	1,099	4,455	8,468	3,335	1,089	3,004	7,428	5,167
301	2	14,073	2,775	683	3,418	6,877	2,694	1,691	2,309	6,694	3,976
302	2	15,253	2,351	1,333	2,954	6,638	1,772	1,069	3,124	5,965	4,309
303	2	18,279	4,330	1,353	2,781	8,465	7,128	1,541	2,376	11,046	5,164
304	2	14,809	5,261	75	3,038	8,374	6,763	470	1,179	8,413	4,184
305	2	30,008	9,610	159	6,440	16,209	13,837	1,153	2,892	17,882	8,477
306	2	23,017	7,100	124	5,017	12,241	8,695	684	1,716	11,095	6,502
307	2	20,765	2,694	1,425	5,592	9,711	3,070	2,074	5,993	11,137	5,866
308	2	14,182	3,516	759	2,370	6,645	4,291	1,088	2,794	8,173	4,006
309	2	24,115	4,060	1,871	4,831	10,761	6,476	1,370	4,135	11,981	6,813
310	2	897	393	92	13	497	523	96	253	872	253
311	2	8,071	3,042	37	854	3,933	1,507	1,909	1,577	4,993	2,280
312	2	18,493	2,886	1,146	4,324	8,356	4,123	1,124	3,097	8,343	5,224
313	2	22,727	5,571	2,116	2,385	10,072	23,706	9,482	10,511	43,698	6,420
314	2	10,575	2,270	584	2,320	5,175	3,997	1,091	2,009	7,097	2,987
315	2	52,458	16,803	1,816	3,701	22,320	14,926	4,316	6,358	25,600	14,819
316	2	19,127	1,330	1,366	6,638	9,334	9,739	1,660	3,346	14,745	5,403
317	2	19,901	4,493	1,187	4,920	10,600	9,214	4,617	5,390	19,221	5,622
318	2	3,776	1,644	181	529	2,354	10,844	3,225	3,513	17,582	1,067
319	2	19,761	4,231	1,272	3,718	9,221	9,830	2,733	2,977	15,540	5,582
320	2	42,472	12,742	2,358	6,012	21,112	30,024	20,428	9,568	60,020	11,998
321	2	41,000	9,999	2,732	7,244	19,976	18,103	3,339	10,163	31,605	11,583
322	2	13,675	3,675	808	2,243	6,726	12,380	541	1,240	14,161	3,863
323	2	40,439	3,804	2,235	14,247	20,286	11,429	6,150	9,176	26,756	11,424
324	2	27,859	10,741	1,409	3,912	16,062	20,247	2,887	5,234	28,368	7,870
325	2	31,188	6,014	2,015	5,594	13,623	17,146	1,144	1,480	19,769	8,810
326	2	30,589	7,683	1,588	5,367	14,638	5,921	1,841	4,963	12,724	8,641
327	2	6,539	2,159	323	1,493	3,975	3,462	765	3,849	8,076	1,847
328	2	27,159	6,368	2,442	2,851	11,661	6,006	1,211	2,110	9,327	7,672
329	2	6,406	1,543	356	1,252	3,151	877	332	698	1,907	1,810
330	2	42,235	8,690	2,328	6,984	18,002	3,507	1,429	3,783	8,719	11,931
331	2	30,005	4,000	2,464	5,946	12,410	2,192	1,690	2,795	6,677	8,476
332	2	57,713	8,297	5,511	9,827	23,635	4,526	2,504	6,149	13,180	16,304
333	2	91,958	14,488	5,859	20,838	41,186	9,496	4,541	14,362	28,399	25,978
334	2	51,115	13,455	850	13,913	28,218	19,886	2,160	9,755	31,801	14,440
335	2	13,440	4,052	656	1,577	6,285	3,488	619	4,607	8,714	3,797
336	2	25,852	3,396	1,216	10,543	15,156	3,275	588	3,497	7,360	7,303
337	2	4,212	1,074	118	1,324	2,515	438	12	745	1,194	1,190
338	2	12,149	4,347	470	2,483	7,300	2,488	256	1,588	4,333	3,432
339	2	12,868	4,249	517	2,730	7,496	2,211	315	1,951	4,477	3,635
340	2	3,212	566	613	206	1,385	230	289	571	1,090	907
341	2	27,144	10,376	847	3,998	15,220	4,614	1,021	3,105	8,741	7,668
342	2	14,993	4,776	520	3,326	8,623	1,328	150	2,453	3,931	4,235
343	2	13,955	4,515	822	2,008	7,345	7,208	1,225	3,116	11,549	3,942
344	2	71,032	24,461	61	7,186	31,708	10,695	4,401	14,271	29,367	20,067
345	2	39,154	9,175	1,087	8,490	18,752	17,319	2,018	6,544	25,882	11,061
346	2	42,256	9,048	1,199	9,366	19,613	13,938	1,665	5,400	21,003	11,937
347	2	31,666	10,078	1,638	323	12,039	8,440	1,099	1,513	11,051	8,946
348	2	11,581	3,688	599	118	4,405	3,292	439	605	4,337	3,272
349	2	33,728	6,350	1,530	7,728	15,609	7,944	1,177	3,576	12,698	9,528
350	2	31,610	7,859	752	5,868	14,480	5,266	916	7,212	13,393	8,930
351	2	16,293	5,408	706	2,316	8,430	6,694	847	2,296	9,837	4,603
352	2	6,752	1,992	252	704	2,947	1,127	178	1,173	2,478	1,907
353	2	13,022	2,718	454	2,961	6,133	3,219	871	1,064	5,154	3,679
354	2	23,673	2,693	1,306	6,276	10,276	2,984	1,623	4,444	9,050	6,688
355	2	3,924	1,021	121	734	1,877	829	184	1,034	2,047	1,109
356	2	19,101	4,359	613	3,713	8,685	3,595	599	3,194	7,388	5,396
357	2	16,190	4,142	415	3,155	7,712	1,172	303	3,502	4,977	4,574
358	2	20,724	9,695	130	166	9,991	4,857	311	3,533	8,701	5,855
359	2	7,236	1,276	374	1,731	3,380	1,445	140	939	2,525	2,044
360	2	15,557	2,961	463	4,259	7,683	2,258	452	3,302	6,012	4,395
361	2	21,642	6,080	554	3,465	10,099	4,367	364	3,338	8,070	6,114
362	2	9,970	1,203	560	2,480	4,243	986	-	4,261	5,247	2,817
363	2	6,903	1,288	153	1,857	3,298	1,113	926	4,325	6,365	1,950
364	2	26,994	5,923	1,856	4,443	12,221	6,232	3,688	7,853	17,773	7,626
365	2	41,487	6,778	1,916	9,657	18,351	4,550	2,289	13,871	20,710	11,720
366	2	83,005	6,731	3,789	29,234	39,753	26,529	939	8,445	35,913	23,449
367	2	16,371	5,449	252	1,430	7,132	1,856	864	6,714	9,434	4,625
368	3	54,146	5,354	3,932	13,810	23,097	12,660	2,647	18,553	33,860	15,296
369	3	14,510	1,240	1,580	2,633	5,453	3,343	1,139	2,520	7,002	4,099
370	3	13,401	1,910	559	2,494	4,963	1,262	2,951	3,600	7,813	3,786

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
371	3	17,607	2,199	327	4,421	6,947	2,349	3,261	4,302	9,912	4,974
372	3	43,185	5,578	2,279	8,398	16,254	24,278	16,524	25,415	66,218	12,200
373	3	18,508	4,060	2,555	4,140	10,755	31,664	21,515	72,334	1,25,513	5,229
374	3	47,740	9,413	2,942	9,165	21,520	1,657	252	8	1,917	13,487
375	3	31,697	4,356	2,141	7,155	13,652	200	50	7	257	8,955
376	3	39,634	8,299	3,981	4,768	17,048	1,453	308	101	1,863	11,197
377	3	11,859	1,014	1,115	4,122	6,252	635	103	6	744	3,350
378	3	29,549	5,388	2,845	5,168	13,402	756	176	7	939	8,348
379	3	5,581	921	784	1,765	3,469	3,165	679	2,464	6,307	1,577
380	3	37,025	3,442	4,465	7,054	14,962	1,192	861	2,365	4,418	10,460
381	3	72,936	7,889	6,425	17,023	31,337	3,370	4,442	4,772	12,584	20,605
382	3	19,454	1,997	2,210	4,067	8,274	849	577	2,153	3,579	5,496
383	3	12,366	1,166	1,219	3,603	5,988	705	744	1,109	2,558	3,493
384	3	47,916	7,741	4,301	9,176	21,218	2,630	3,371	5,222	11,223	13,536
385	3	22,929	2,348	2,876	4,370	9,594	643	810	1,266	2,718	6,477
386	3	1,31,619	22,195	9,686	20,329	52,210	4,718	3,877	7,042	15,638	37,182
387	3	10,115	978	1,410	1,907	4,294	340	823	1,920	3,083	2,857
388	3	1,01,169	4,822	15,265	24,729	44,816	10,546	4,537	4,214	19,297	28,580
389	3	48,092	5,728	8,444	4,104	18,276	1,314	2,775	3,643	7,732	13,586
390	3	80,048	9,052	8,448	15,523	33,023	2,431	3,968	3,261	9,659	22,613
391	3	40,126	4,551	7,554	3,348	15,453	946	1,638	4,664	7,249	11,336
392	3	66,961	4,189	12,932	9,909	27,030	2,853	3,739	5,784	12,375	18,916
393	3	10,359	724	676	3,185	4,584	723	370	1,965	3,058	2,926
394	3	2,754	313	307	728	1,348	584	398	2,220	3,203	778
395	3	48,286	2,208	2,866	15,727	20,800	2,040	1,059	2,860	5,959	13,641
396	3	35,886	1,794	2,220	11,648	15,663	1,334	707	1,764	3,805	10,138
397	3	30,663	1,947	1,352	10,133	13,432	933	537	2,274	3,743	8,662
398	3	6,894	726	166	2,219	3,112	498	236	1,221	1,956	1,948
399	3	33,629	2,590	4,163	6,109	12,863	820	503	2,234	3,557	9,500
400	3	18,582	2,176	2,925	3,499	8,600	1,327	992	2,848	5,167	5,249
401	3	27,685	1,862	3,729	5,200	10,791	702	657	2,190	3,549	7,821
402	3	11,150	731	1,492	2,092	4,315	333	435	1,558	2,326	3,150
403	3	17,847	1,676	3,035	2,427	7,138	1,056	798	1,939	3,793	5,042
404	3	39,120	4,756	4,343	5,649	14,748	2,821	828	5,233	8,882	11,051
405	3	21,904	3,661	3,001	3,278	9,941	2,526	580	2,250	5,356	6,188
406	3	24,234	8,478	5,847	4,139	18,463	8,166	1,501	2,246	11,913	6,846
407	3	85,924	24,707	675	1,774	27,155	3,396	812	3,237	7,444	24,274
408	3	70,010	20,337	822	1,581	22,740	2,709	683	2,328	5,720	19,778
409	3	37,992	11,075	498	884	12,456	3,401	814	3,178	7,392	10,733
410	3	2,293	550	377	429	1,356	659	305	1,000	1,964	648
411	3	16,765	3,907	2,877	3,027	9,811	3,308	1,929	3,561	8,798	4,736
412	3	14,118	2,813	2,146	2,530	7,489	2,396	1,576	3,129	7,101	3,988
413	3	52,211	10,458	4,914	6,958	22,330	6,070	2,780	3,114	11,963	14,750
414	3	37,620	6,357	2,670	4,791	13,818	3,208	1,438	2,584	7,230	10,628
415	3	36,178	6,240	2,652	4,646	13,538	3,640	1,645	2,938	8,223	10,220
416	3	21,655	4,060	1,831	2,838	8,729	2,909	1,169	2,066	6,143	6,118
417	3	62,035	1,620	9,440	14,017	25,076	4,404	2,253	3,052	9,710	17,525
418	3	83,308	3,000	12,997	18,772	34,769	7,353	3,865	4,873	16,090	23,534
419	3	41,754	6,488	4,779	7,118	18,384	5,310	3,047	8,113	16,470	11,796
420	3	21,128	3,239	2,571	4,343	10,153	2,966	999	3,898	7,863	5,969
421	3	8,687	1,168	593	3,070	4,831	1,487	361	1,737	3,585	2,454
422	3	32,715	6,608	1,674	6,266	14,547	7,065	1,326	5,133	13,524	9,242
423	3	23,136	3,278	6,201	1,271	10,749	3,204	1,130	4,973	9,307	6,536
424	3	11,715	2,137	332	2,653	5,122	958	650	2,301	3,909	3,309
425	3	22,822	3,597	2,862	2,749	9,208	1,742	2,440	3,278	7,460	6,447
426	3	42,684	5,141	4,452	10,477	20,069	5,636	4,465	7,809	17,909	12,058
427	3	19,973	1,603	4,597	2,786	8,986	3,117	1,209	3,200	7,526	5,643
428	3	37,314	4,864	5,928	5,297	16,088	5,465	2,286	5,941	13,692	10,541
429	3	25,196	6,690	1,431	2,704	10,825	4,289	677	4,540	9,507	7,118
430	3	22,542	2,814	2,442	4,605	9,861	4,013	643	3,509	8,165	6,368
431	3	23,695	5,357	1,803	2,619	9,780	5,297	1,599	2,465	9,362	6,694
432	3	23,010	5,568	2,066	2,638	10,272	5,570	1,627	2,321	9,518	6,500
433	3	39,020	5,055	3,250	9,772	18,077	3,599	1,722	7,367	12,688	11,023
434	3	6,307	1,124	762	1,162	3,047	1,085	420	1,728	3,233	1,782
435	3	38,054	6,013	5,002	6,451	17,467	7,303	2,278	3,013	12,595	10,750
436	3	6,175	203	230	2,916	3,348	1,052	206	630	1,888	1,744
437	3	30,102	10,878	4,265	2,917	18,060	12,987	7,899	11,432	32,318	8,504
438	3	22,763	8,846	2,465	2,040	13,351	6,012	4,825	6,670	17,507	6,431
439	3	26,313	3,585	3,430	2,893	9,907	2,749	1,169	4,583	8,501	7,433
440	3	7,352	2,981	1,621	1,761	6,362	3,983	3,816	7,186	14,985	2,077
441	3	33,327	4,156	4,488	8,039	16,683	4,156	1,748	10,638	16,542	9,415
442	3	19,069	3,963	2,009	3,388	9,360	4,416	2,019	4,983	11,417	5,387
443	3	38,250	2,322	5,386	9,055	16,763	8,775	772	5,164	14,711	10,806
444	3	38,489	2,542	5,510	9,094	17,146	8,123	760	4,740	13,622	10,873
445	3	7,929	749	869	1,985	3,603	2,215	1,284	4,779	8,278	2,240
446	3	6,447	1,168	365	1,250	2,784	504	419	1,822	2,745	1,821

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
447	3	13,451	1,906	2,174	2,572	6,652	2,081	1,760	2,185	6,026	3,800
448	3	32,222	4,705	4,265	7,306	16,276	6,086	1,364	6,892	14,341	9,103
449	3	17,903	4,312	1,875	438	6,625	1,702	703	3,613	6,018	5,058
450	3	58,626	13,628	2,929	8,440	24,998	9,385	1,331	11,902	22,618	16,562
451	3	33,621	7,784	3,006	3,954	14,744	10,674	5,898	9,117	25,689	9,498
452	3	6,416	1,065	393	1,567	3,025	871	1,228	2,425	4,524	1,812
453	3	7,113	1,945	922	149	3,015	2,210	617	2,603	5,430	2,009
454	3	27,231	2,828	4,784	7,497	15,109	18,352	3,327	19,559	41,237	7,693
455	3	11,984	1,652	1,578	1,925	5,155	979	1,777	3,272	6,028	3,386
456	3	17,743	3,319	627	3,530	7,476	523	579	3,827	4,929	5,012
457	3	15,075	1,932	1,378	3,187	6,497	631	654	4,079	5,365	4,259
458	3	7,767	687	1,186	1,502	3,376	852	365	1,830	3,047	2,194
459	3	7,176	1,163	774	1,490	3,426	1,079	360	2,030	3,470	2,027
460	3	6,976	1,282	538	1,086	2,906	601	283	1,153	2,037	1,971
461	3	63,387	1,790	16,305	7,587	25,682	7,797	1,286	10,342	19,425	17,907
462	3	63,479	13,245	4,477	7,442	25,164	2,173	4,924	16,865	23,961	17,933
463	3	16,894	1,468	5,015	1,213	7,696	2,153	3,655	4,510	10,317	4,773
464	3	19,447	5,353	3,915	3,206	12,474	9,584	23,422	9,317	42,323	5,494
465	3	74,643	4,743	12,600	13,303	30,646	21,300	7,725	9,515	38,541	21,087
466	3	44,887	5,276	4,636	9,957	19,870	10,266	10,470	13,316	34,051	12,681
467	3	21,561	2,435	3,109	4,094	9,638	12,773	5,397	7,300	25,469	6,091
468	2	12,816	587	-	7,115	7,702	1,377	2,709	192	4,278	3,621
469	2	7,115	1,823	89	1,857	3,770	1,915	789	1,845	4,549	2,010
470	2	52,378	15,063	1,294	6,212	22,569	10,801	5,262	13,369	29,431	14,797
471	2	6,547	978	492	1,279	2,750	2,566	698	2,227	5,491	1,849
472	2	16,242	4,372	666	1,726	6,764	3,587	2,090	3,967	9,644	4,588
473	2	6,747	979	689	855	2,523	1,370	574	1,512	3,456	1,906
474	2	25,284	4,660	1,570	5,188	11,419	14,850	3,680	6,314	24,845	7,143
475	2	4,057	728	198	907	1,833	2,825	654	1,124	4,603	1,146
476	2	39,270	5,099	4,162	6,057	15,318	12,658	6,518	8,111	27,287	11,094
477	2	9,057	2,144	478	1,093	3,716	2,426	1,079	2,346	5,850	2,559
478	2	39,168	8,683	2,323	6,290	17,297	16,149	2,180	8,349	26,677	11,065
479	2	35,118	6,966	2,569	6,091	15,626	14,156	3,896	6,227	24,279	9,921
480	2	10,833	3,815	300	1,238	5,354	4,051	1,692	3,275	9,018	3,060
481	2	7,956	2,057	406	1,358	3,820	2,633	1,378	2,660	6,670	2,248
482	2	6,326	2,498	53	408	2,959	1,567	882	1,533	3,982	1,787
483	2	8,226	2,673	216	731	3,620	1,480	960	2,896	5,336	2,324
484	2	8,951	1,024	338	2,787	4,148	769	1,457	2,973	5,199	2,529
485	2	11,078	4,012	134	1,099	5,245	3,454	1,197	3,158	7,810	3,130
486	2	24,545	1,437	2,539	6,935	10,911	3,722	3,010	7,516	14,248	6,934
487	2	49,190	6,839	3,216	10,545	20,600	4,190	3,238	10,051	17,478	13,896
488	2	51,837	8,342	4,489	7,492	20,323	2,335	2,598	8,363	13,296	14,644
489	2	1,45,916	6,802	30,710	1,591	39,103	10,715	13,150	25,355	49,220	41,221
490	2	1,33,960	23,568	7,274	24,935	55,777	11,851	6,700	20,006	38,557	37,844
491	2	69,991	12,678	3,779	12,953	29,410	8,993	4,899	14,628	28,520	19,772
492	2	34,466	4,853	2,472	6,799	14,124	1,274	3,401	7,737	12,412	9,737
493	2	31,810	5,858	2,581	2,234	10,673	819	687	2,667	4,172	8,986
494	2	33,556	4,003	2,892	4,991	11,887	7,523	1,190	4,265	12,978	9,480
495	2	37,094	4,946	3,150	5,437	13,533	6,189	891	3,195	10,276	10,479
496	2	1,21,853	14,185	10,532	18,180	42,898	11,960	1,894	6,788	20,642	34,423
497	2	58	62	-	-	62	75	-	-	75	16
498	2	21,399	5,677	593	2,555	8,825	3,770	601	1,456	5,826	6,045
499	2	37,671	9,229	1,063	4,584	14,877	5,583	1,005	2,434	9,022	10,642
500	2	8,967	6,487	245	1,019	7,752	8,302	-	1,912	10,213	2,533
501	2	19,124	9,021	1,022	2,713	12,756	20,330	7,130	7,404	34,864	5,403
502	2	18,589	5,327	1,291	3,416	10,034	7,169	1,790	2,761	11,721	5,251
503	2	22,656	4,146	1,410	4,911	10,468	1,324	415	1,502	3,241	6,400
504	2	29,532	5,193	1,853	6,453	13,499	1,873	775	2,808	5,457	8,343
505	2	35,470	7,950	2,457	4,604	15,011	3,227	1,083	2,587	6,897	10,020
506	2	37,370	8,705	2,215	4,936	15,856	12,815	3,387	6,548	22,750	10,557
507	2	68,604	14,706	3,843	11,085	29,634	20,858	5,049	10,978	36,885	19,381
508	2	41,649	8,359	2,412	8,388	19,159	11,189	6,688	9,831	27,707	11,766
509	2	31,012	7,875	838	5,235	13,948	6,346	4,171	6,774	17,291	8,761
510	2	9,751	1,700	620	1,817	4,136	1,798	1,118	1,960	4,876	2,755
511	2	35,946	5,741	2,724	6,403	14,868	7,168	3,682	7,076	17,925	10,155
512	2	24,554	3,433	1,282	6,796	11,511	10,078	1,386	2,517	13,982	6,936
513	2	16,472	2,171	867	4,598	7,636	6,806	970	1,760	9,536	4,653
514	2	12,699	3,018	1,228	360	4,607	1,890	1,541	3,936	7,367	3,587
515	2	3,520	1,222	121	462	1,805	1,482	802	1,943	4,227	995
516	2	9,485	2,592	450	900	3,942	2,188	1,727	911	4,827	2,679
517	2	4,155	814	219	724	1,758	405	427	1,060	1,891	1,174
518	2	10,535	1,749	354	3,264	5,367	5,854	1,465	6,587	13,906	2,976
519	2	29,472	12,780	462	2,691	15,934	14,614	6,527	8,963	30,104	8,326
520	2	9,965	3,718	317	607	4,642	3,441	1,328	2,912	7,681	2,815
521	2	12,927	3,937	464	1,596	5,996	2,490	1,357	4,223	8,070	3,652
522	2	33,637	10,021	1,133	2,627	13,782	8,119	670	2,280	11,070	9,503

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
523	2	41,839	13,093	1,382	3,205	17,680	10,796	757	2,574	14,127	11,820
524	2	27,383	8,006	929	2,154	11,089	6,047	514	1,750	8,312	7,736
525	2	27,697	8,224	934	2,166	11,324	7,258	602	2,047	9,906	7,824
526	2	9,526	1,139	1,134	1,178	3,451	1,298	222	1,482	3,002	2,691
527	2	10,793	2,000	753	1,501	4,254	1,031	437	2,064	3,533	3,049
528	2	26,444	7,197	320	4,794	12,310	8,956	238	2,196	11,390	7,470
529	2	50,171	13,189	613	9,199	23,002	12,413	339	3,126	15,879	14,173
530	2	18,077	7,437	433	1,759	9,629	7,969	357	1,503	9,829	5,107
531	2	9,919	1,848	336	2,230	4,414	1,196	176	1,651	3,022	2,802
532	2	10,834	2,792	325	1,815	4,932	3,274	392	987	4,653	3,061
533	2	21,064	3,734	859	4,632	9,224	1,831	188	4,025	6,043	5,951
534	2	11,224	2,557	447	1,683	4,688	888	266	2,132	3,286	3,171
535	2	3,825	892	151	570	1,613	278	68	633	980	1,081
536	2	38,380	8,915	1,822	6,818	17,555	14,375	431	1,457	16,262	10,842
537	2	6,060	1,365	234	1,046	2,646	638	254	1,006	1,897	1,712
538	2	47,524	12,728	1,824	6,569	21,121	12,538	322	1,788	14,648	13,426
539	2	47,455	12,768	1,826	6,576	21,169	13,344	342	1,901	15,587	13,406
540	2	58,543	15,605	2,259	8,138	26,001	12,761	323	1,793	14,877	16,538
541	2	40,519	11,025	1,553	5,594	18,171	11,113	272	1,513	12,899	11,447
542	2	18,397	14,201	498	1,331	16,031	14,361	307	994	15,662	5,197
543	2	34,744	5,941	2,265	7,172	15,378	10,077	2,845	9,705	22,626	9,815
544	2	5,982	2,030	225	1,139	3,394	4,849	188	810	5,846	1,690
545	2	16,526	1,517	1,350	4,100	6,967	2,747	960	3,292	7,000	4,669
546	2	6,268	2,496	67	448	3,010	2,308	85	628	3,021	1,771
547	2	7,183	1,929	417	1,252	3,598	2,098	471	1,486	4,055	2,029
548	2	4,380	1,264	243	953	2,460	1,933	341	1,429	3,704	1,237
549	2	15,763	3,653	699	3,496	7,847	3,823	594	3,362	7,778	4,453
550	2	46,329	8,850	2,782	8,173	19,805	4,579	1,386	5,198	11,162	13,088
551	2	48,851	9,397	3,619	7,633	20,649	6,526	2,440	8,022	16,987	13,800
552	2	8,397	1,613	1,025	783	3,420	3,522	271	913	4,706	2,372
553	2	39,229	5,157	3,360	8,019	16,535	1,828	1,664	5,644	9,136	11,082
554	2	87,319	18,308	6,024	11,609	35,941	12,229	2,963	4,953	20,144	24,668
555	2	18,684	2,270	1,062	5,172	8,504	1,166	1,269	2,963	5,398	5,278
556	2	37,965	6,685	2,125	7,702	16,513	8,830	2,541	3,055	14,426	10,725
557	2	13,182	2,737	1,386	2,076	6,198	3,803	2,172	2,661	8,637	3,724
558	2	17,773	6,329	738	1,852	8,919	5,409	1,632	2,948	9,990	5,021
559	2	23,768	4,873	833	5,836	11,543	5,719	2,131	3,662	11,512	6,714
560	2	67,905	17,362	3,493	10,968	31,823	23,367	2,208	8,344	33,919	19,183
561	2	21,669	4,489	916	3,637	9,042	6,015	871	1,953	8,840	6,121
562	2	50,497	8,815	4,840	5,627	19,282	10,414	4,964	8,285	23,663	14,265
563	2	10,674	3,776	142	544	4,462	1,291	1,978	1,640	4,909	3,015
564	2	37,345	5,530	2,830	6,621	14,980	6,270	2,452	3,829	12,551	10,550
565	2	48,022	7,127	3,638	8,511	19,275	7,974	3,035	4,738	15,747	13,566
566	2	1,223	848	66	78	992	1,812	301	1,514	3,627	346
567	2	12,650	3,601	552	1,867	6,020	2,900	3,061	1,916	7,877	3,574
568	2	51,852	15,125	1,502	4,953	21,580	7,777	3,653	9,391	20,821	14,648
569	2	8,954	1,805	708	874	3,387	1,278	272	1,565	3,115	2,530
570	2	9,777	1,774	733	1,282	3,790	519	912	2,088	3,519	2,762
571	2	18,261	4,389	741	2,364	7,494	3,650	761	1,576	5,987	5,159
572	2	8,748	1,210	719	1,461	3,390	599	1,186	1,029	2,814	2,471
573	2	11,615	2,068	833	1,687	4,589	2,926	337	1,424	4,687	3,281
574	2	14,917	2,333	963	2,823	6,119	1,709	866	2,278	4,853	4,214
575	2	11,921	2,100	857	1,735	4,692	3,063	441	1,019	4,524	3,368
576	2	80,754	20,792	2,885	9,935	33,612	16,229	4,008	5,569	25,806	22,813
577	2	46,506	12,898	1,364	6,352	20,614	6,580	1,593	5,217	13,390	13,138
578	2	6,666	1,981	252	1,317	3,550	2,080	288	848	3,217	1,883
579	2	5,507	375	611	1,188	2,173	397	396	761	1,554	1,556
580	2	30,730	6,706	4,317	-	11,023	6,547	847	2,247	9,640	8,681
581	2	75,268	13,316	4,752	16,524	34,591	9,467	2,457	7,869	19,793	21,263
582	2	52,283	9,588	3,471	11,001	24,060	10,384	5,004	6,310	21,699	14,770
583	2	15,539	2,386	1,066	3,378	6,830	3,022	1,560	1,967	6,549	4,390
584	2	14,479	1,987	1,011	3,203	6,200	1,853	1,105	1,393	4,351	4,090
585	2	11,725	1,634	817	2,588	5,039	1,480	873	1,101	3,454	3,312
586	2	21,650	3,021	1,508	4,778	9,306	3,175	1,789	2,257	7,222	6,116
587	2	30,164	4,542	1,960	6,816	13,317	2,154	1,377	6,524	10,055	8,521
588	2	9,569	3,089	295	932	4,316	726	477	2,367	3,570	2,703
589	2	8,078	336	580	2,735	3,650	328	337	1,728	2,392	2,282
590	2	3,733	540	336	655	1,532	443	305	1,882	2,630	1,055
591	2	5,705	922	646	460	2,028	279	165	496	940	1,612
592	3	3,086	485	559	162	1,206	317	1,145	2,385	3,847	872
593	3	30,018	2,610	3,650	6,913	13,173	7,824	4,976	8,043	20,843	8,480
594	3	0	0	0	0	0	0	-	-	0	0
595	3	15,091	3,639	2,380	3,602	9,621	9,631	3,520	4,502	17,653	4,263
596	3	3,844	372	272	1,631	2,275	440	471	836	1,747	1,086
597	3	7,826	1,134	1,250	1,488	3,872	1,233	1,185	2,631	5,049	2,211
598	3	6,605	1,067	1,108	1,256	3,431	949	1,110	2,304	4,363	1,866

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
599	3	7,292	1,014	976	1,100	3,090	1,266	1,302	3,187	5,755	2,060
600	3	36,841	9,585	2,616	3,181	15,382	3,510	5,515	12,601	21,625	10,408
601	3	25,871	2,108	3,243	7,210	12,561	10,526	4,121	6,124	20,771	7,308
602	3	47,463	4,934	7,482	8,072	20,488	6,222	8,294	10,469	24,985	13,408
603	3	52,883	11,798	7,204	8,597	27,600	8,113	3,340	4,963	16,416	14,940
604	3	15,024	3,062	2,870	1,912	7,844	3,372	3,908	2,851	10,132	4,244
605	3	10,238	2,117	436	1,665	4,218	355	576	1,541	2,472	2,892
606	3	34,581	8,264	4,231	4,098	16,594	5,302	4,392	2,707	12,401	9,769
607	3	61,978	6,872	7,510	14,329	28,711	5,325	7,892	8,677	21,893	17,509
608	3	58,513	4,675	8,230	12,075	24,980	2,205	3,476	7,087	12,768	16,530
609	3	39,364	6,316	5,610	6,434	18,360	6,725	8,800	5,571	21,097	11,120
610	3	22,330	5,933	900	3,624	10,456	3,007	3,538	2,069	8,614	6,308
611	3	16,606	2,335	1,343	3,867	7,546	1,344	1,359	1,887	4,590	4,691
612	3	25,282	5,932	3,162	4,778	13,871	4,197	5,451	4,686	14,335	7,142
613	3	8,839	721	1,212	2,069	4,002	516	873	1,707	3,096	2,497
614	3	37,900	6,641	6,393	4,110	17,143	3,693	6,063	5,436	15,192	10,707
615	3	2,358	708	564	479	1,751	6,435	1,964	3,356	11,756	666
616	3	3,616	1,239	935	728	2,902	5,948	1,745	2,756	10,449	1,022
617	3	17,627	2,093	2,719	3,694	8,505	4,139	1,246	1,900	7,285	4,980
618	3	12,659	2,429	2,385	2,620	7,433	9,763	3,148	4,721	17,633	3,576
619	3	1,02,173	12,761	15,315	12,957	41,033	859	2,180	4,214	7,252	28,864
620	3	15,306	2,403	1,790	1,893	6,086	372	1,107	1,643	3,121	4,324
621	3	12,696	1,811	1,769	2,186	5,766	1,190	1,642	2,725	5,556	3,587
622	3	12,194	2,589	744	2,209	5,541	1,294	722	1,840	3,856	3,445
623	3	29,788	8,892	2,515	2,905	14,312	6,638	2,421	4,390	13,449	8,415
624	3	13,540	3,645	1,671	2,492	7,807	2,324	807	2,284	5,415	3,825
625	3	29,690	8,483	1,443	3,217	13,143	2,876	3,201	1,924	8,001	8,387
626	3	33,261	4,368	2,847	8,088	15,303	3,650	940	4,688	9,278	9,396
627	3	14,812	2,717	986	2,942	6,644	2,131	1,314	4,160	7,605	4,184
628	3	9,389	2,338	154	1,598	4,090	1,222	469	1,936	3,627	2,652
629	3	23,266	2,952	2,181	5,785	10,919	2,306	1,747	8,480	12,532	6,573
630	3	31,889	4,066	1,846	8,149	14,062	6,416	2,342	8,579	17,336	9,009
631	3	28,881	4,220	3,947	5,969	14,136	6,349	7,362	10,865	24,576	8,159
632	3	33,045	5,217	1,448	8,451	15,116	7,373	3,619	10,047	21,039	9,335
633	3	16,405	2,695	2,574	2,493	7,762	3,637	3,219	6,212	13,068	4,634
634	3	18,506	3,210	1,456	4,246	8,911	2,542	2,120	5,538	10,200	5,228
635	3	17,351	2,692	1,298	3,601	7,591	1,988	2,614	2,708	7,310	4,902
636	3	28,312	5,216	2,947	3,221	11,384	1,606	1,529	8,663	11,798	7,998
637	3	12,201	1,260	2,279	2,730	6,269	2,195	2,348	5,023	9,566	3,447
638	3	17,695	5,731	434	766	6,931	2,156	1,115	5,151	8,421	4,999
639	3	31,914	1,573	4,383	8,439	14,394	1,245	1,223	5,965	8,434	9,016
640	2	54,091	9,030	3,497	11,465	23,992	5,713	211	1,578	7,501	15,281
1,001	11	11,739	1,623	2,905	973	5,501	1,166	420	691	2,276	3,316
1,002	11	9,171	1,203	2,692	1,122	5,017	1,400	322	1,034	2,756	2,591
1,003	11	7,102	612	1,761	861	3,233	524	117	500	1,140	2,006
1,004	11	21,030	7,323	2,876	600	10,800	2,253	1,105	1,165	4,523	5,941
1,005	11	2,903	1,158	96	142	1,396	95	105	209	409	820
1,006	11	7,801	1,735	1,114	1,084	3,932	220	179	618	1,018	2,204
1,007	11	6,409	1,165	760	707	2,631	367	344	1,182	1,894	1,811
1,008	11	15,389	2,799	1,786	1,771	6,356	731	669	2,463	3,863	4,347
1,009	11	3,447	577	368	367	1,311	189	178	656	1,023	974
1,010	11	3,994	737	481	446	1,664	178	164	591	933	1,128
1,011	11	22,002	4,859	3,628	2,634	11,121	734	655	1,013	2,403	6,216
1,012	11	17,154	3,811	2,959	1,814	8,584	1,295	863	1,143	3,301	4,846
1,013	11	4,362	704	523	444	1,671	428	360	311	1,100	1,232
1,014	11	4,871	866	661	499	2,026	441	315	284	1,039	1,376
1,015	11	4,577	903	738	396	2,038	525	285	245	1,056	1,293
1,016	11	6,548	1,150	817	1,207	3,174	3,339	4,398	4,167	11,905	1,850
1,017	11	12,805	1,911	1,359	1,998	5,268	1,142	1,078	1,148	3,368	3,617
1,018	11	5,716	777	482	1,076	2,335	624	856	879	2,358	1,615
1,019	11	4,018	564	345	802	1,711	243	334	370	948	1,135
1,020	11	9,483	1,239	769	1,719	3,727	921	1,266	1,314	3,501	2,679
1,021	11	8,576	1,060	1,234	1,124	3,418	478	259	834	1,571	2,423
1,022	11	47,314	9,805	3,676	5,663	19,144	1,013	2,535	3,142	6,691	13,366
1,023	11	19,098	4,064	1,520	2,350	7,934	602	1,531	1,760	3,893	5,395
1,024	11	24,200	3,641	2,789	3,513	9,943	2,172	2,192	3,469	7,833	6,837
1,025	11	11	3	3	0	7	1	1	0	2	3
1,026	11	29,145	4,615	3,523	4,508	12,646	849	833	1,606	3,288	8,234
1,027	11	15,703	1,809	5,033	630	7,472	1,446	1,035	890	3,370	4,436
1,028	11	18,988	1,369	6,566	1,005	8,941	1,705	1,120	1,177	4,002	5,364
1,029	11	9,151	2,933	1,490	126	4,549	875	905	950	2,730	2,585
1,030	11	8,626	2,872	724	184	3,779	358	270	634	1,262	2,437
1,031	11	15,383	5,147	1,160	340	6,648	621	527	1,283	2,431	4,346
1,032	11	23,875	7,593	3,410	363	11,366	1,820	1,653	1,597	5,070	6,745
1,033	11	7,449	1,871	1,688	264	3,822	630	497	253	1,380	2,104
1,034	11	24,522	5,342	4,378	1,466	11,186	2,128	645	2,276	5,049	6,928

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,035	11	7,709	1,782	1,492	439	3,713	1,509	455	1,530	3,494	2,178
1,036	11	13,606	3,215	2,810	600	6,625	1,030	716	723	2,468	3,844
1,037	11	8,698	1,850	1,474	577	3,901	195	62	344	601	2,457
1,038	11	4,681	1,035	858	269	2,162	272	124	273	669	1,322
1,039	11	3,830	959	870	128	1,957	439	295	270	1,005	1,082
1,040	11	8,941	1,185	1,299	1,362	3,846	217	132	349	698	2,526
1,041	11	4,612	613	671	700	1,983	114	70	181	364	1,303
1,042	11	12,793	1,802	1,976	2,077	5,855	354	227	551	1,132	3,614
1,043	11	14,251	2,036	2,186	1,866	6,089	822	365	716	1,902	4,026
1,044	11	16,729	2,450	2,622	2,154	7,225	994	439	831	2,264	4,726
1,045	11	25,358	4,279	4,480	2,707	11,466	2,306	1,541	1,790	5,637	7,164
1,046	11	9,211	1,288	1,400	1,355	4,043	233	156	340	730	2,602
1,047	11	9,268	1,889	1,941	818	4,648	785	599	324	1,708	2,618
1,048	11	18,241	2,730	2,884	2,009	7,623	1,187	851	1,023	3,061	5,153
1,049	11	11,778	1,772	1,910	1,694	5,376	777	456	837	2,070	3,327
1,050	11	5,382	876	512	992	2,379	534	143	550	1,227	1,520
1,051	11	9,697	1,564	938	1,706	4,207	704	195	730	1,629	2,739
1,052	11	3,499	617	362	693	1,672	198	54	220	472	989
1,053	11	3,559	600	348	688	1,635	262	70	282	614	1,005
1,054	11	6,134	989	578	1,121	2,688	480	127	509	1,116	1,733
1,055	11	12,981	2,033	1,221	2,210	5,464	928	234	919	2,081	3,667
1,056	11	12,189	2,050	1,310	2,007	5,368	1,334	349	1,201	2,885	3,443
1,057	11	15,150	2,720	1,820	2,435	6,975	1,794	439	1,390	3,623	4,280
1,058	11	10,342	1,610	939	1,828	4,377	561	151	638	1,349	2,922
1,059	11	4,390	1,262	160	276	1,698	135	110	624	870	1,240
1,060	11	9,521	3,160	484	670	4,314	907	757	3,968	5,633	2,690
1,061	11	11,218	3,869	502	843	5,215	317	256	1,441	2,014	3,169
1,062	11	5,251	1,512	197	329	2,038	227	185	1,029	1,442	1,483
1,063	11	9,127	2,585	697	473	3,754	672	317	1,448	2,438	2,578
1,064	11	16,504	4,056	525	884	5,466	417	340	1,953	2,711	4,662
1,065	11	13,660	3,378	578	701	4,656	593	383	2,041	3,017	3,859
1,066	11	13,321	3,761	632	784	5,176	537	330	1,735	2,602	3,763
1,067	11	11,559	3,003	411	649	4,063	307	219	1,254	1,780	3,265
1,068	11	15,396	4,176	516	917	5,609	265	206	1,277	1,748	4,349
1,069	11	7,637	2,209	570	411	3,189	538	259	1,205	2,001	2,157
1,070	11	4,540	1,318	420	225	1,963	368	168	672	1,208	1,283
1,071	11	15,784	4,446	888	891	6,225	570	191	977	1,738	4,459
1,072	11	8,986	2,530	364	543	3,436	325	266	1,445	2,036	2,538
1,073	11	18,999	4,153	3,664	1,640	9,457	3,817	656	889	5,363	5,367
1,074	11	5,767	767	487	1,007	2,260	779	121	370	1,270	1,629
1,075	11	2,360	314	199	412	925	320	47	151	517	667
1,076	11	15,139	3,155	2,564	1,653	7,372	2,150	1,074	1,172	4,396	4,277
1,077	11	6,229	933	1,050	900	2,882	640	212	326	1,179	1,760
1,078	11	6,755	781	1,000	1,599	3,381	632	175	507	1,314	1,908
1,079	11	326	98	97	0	196	24	32	7	63	92
1,080	11	12,696	1,381	1,793	2,994	6,167	1,512	412	1,246	3,169	3,587
1,081	11	8,163	2,415	1,788	438	4,641	645	181	1,713	2,540	2,306
1,082	11	19,253	3,362	1,695	2,312	7,370	972	715	3,016	4,704	5,439
1,083	11	6,327	1,125	770	618	2,513	289	505	670	1,464	1,787
1,084	11	4,334	770	509	455	1,735	150	317	430	896	1,224
1,085	11	1,317	260	196	111	567	102	100	126	328	372
1,086	11	11,896	2,373	915	1,745	5,034	397	1,128	1,362	2,888	3,361
1,087	11	8,590	1,269	759	1,418	3,445	292	658	602	1,552	2,427
1,088	11	12,573	1,744	866	2,456	5,066	150	1,198	1,085	2,434	3,552
1,089	11	3,361	542	347	538	1,427	156	209	195	560	950
1,090	11	20,142	2,764	1,408	3,787	7,958	2,830	3,875	3,264	9,969	5,690
1,091	11	12,823	2,737	539	2,488	5,764	761	428	842	2,031	3,622
1,092	11	13,361	2,859	581	2,578	6,018	824	442	875	2,141	3,774
1,093	11	12,714	2,575	286	2,595	5,456	640	423	916	1,978	3,592
1,094	11	11,359	2,360	579	2,016	4,954	840	431	816	2,087	3,209
1,095	11	2,354	496	199	335	1,031	320	118	220	657	665
1,096	11	9,645	1,996	470	1,727	4,193	676	382	697	1,754	2,725
1,097	11	5,218	1,114	475	720	2,309	701	270	479	1,449	1,474
1,098	11	14,162	2,818	271	2,887	5,976	2,433	1,658	3,226	7,317	4,001
1,099	11	10,507	2,016	320	1,921	4,257	1,702	1,080	2,079	4,862	2,968
1,100	11	12,833	2,508	234	2,578	5,320	687	455	995	2,137	3,625
1,101	11	13,638	2,882	619	2,562	6,063	776	586	931	2,293	3,853
1,102	11	6,371	1,157	78	1,224	2,459	1,407	967	1,863	4,237	1,800
1,103	11	18,319	3,624	297	3,772	7,693	829	540	1,239	2,607	5,175
1,104	11	10,561	2,079	232	2,093	4,404	569	385	812	1,765	2,984
1,105	11	10,117	2,001	248	1,986	4,236	547	371	773	1,690	2,858
1,106	11	10,658	2,222	562	1,878	4,661	821	404	764	1,989	3,011
1,107	11	2,120	420	311	179	910	201	62	181	444	599
1,108	11	3,339	578	369	348	1,295	176	80	306	561	943
1,109	11	5,338	1,021	726	487	2,234	617	229	736	1,582	1,508
1,110	11	11,869	2,008	1,277	1,216	4,501	745	339	1,292	2,376	3,353

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,111	11	6,535	1,078	695	637	2,410	732	337	1,198	2,267	1,846
1,112	11	1,532	280	179	168	627	110	50	186	346	433
1,113	11	3,158	599	423	292	1,314	361	135	441	937	892
1,114	11	2,909	581	433	242	1,256	285	86	246	617	822
1,251	7	280	48	20	49	117	15	21	12	48	79
1,252	7	3,276	568	315	517	1,400	187	403	127	718	926
1,253	7	3,993	443	1,011	190	1,644	268	335	215	818	1,128
1,254	7	2,871	289	738	131	1,158	190	97	166	453	811
1,255	7	3,672	578	655	343	1,575	141	261	241	642	1,037
1,256	7	3,059	946	553	53	1,552	322	196	342	860	864
1,257	7	5,591	293	589	1,401	2,282	240	704	169	1,113	1,580
1,258	7	4,586	585	425	933	1,943	418	402	139	959	1,295
1,259	7	5,476	785	573	975	2,333	287	461	300	1,047	1,547
1,260	7	2,511	310	292	451	1,052	213	170	62	445	709
1,261	7	1,238	147	87	282	516	40	94	64	198	350
1,262	7	1,587	211	153	314	678	108	143	55	305	448
1,263	7	1,057	135	86	226	447	73	106	39	217	299
1,264	7	1,783	242	186	338	766	134	233	62	428	504
1,265	7	1,501	214	183	257	654	95	169	47	311	424
1,266	7	942	153	172	101	427	54	51	21	126	266
1,267	7	4,498	378	124	1,343	1,845	444	104	167	715	1,271
1,268	7	22	4	5	1	10	3	8	1	11	6
1,269	7	4,217	293	420	1,019	1,732	361	222	165	748	1,191
1,270	7	6,943	400	595	1,814	2,809	590	253	284	1,127	1,962
1,271	7	3,591	412	214	859	1,484	368	43	155	566	1,015
1,272	7	4,917	347	265	1,387	1,998	150	159	412	721	1,389
1,273	7	6,943	810	450	1,620	2,879	330	439	406	1,174	1,961
1,274	7	4,120	861	222	697	1,780	175	308	264	747	1,164
1,275	7	2,318	486	117	397	1,000	99	156	150	405	655
1,276	7	858	179	45	146	370	37	38	54	130	242
1,277	7	5,340	1,089	335	886	2,310	210	361	377	949	1,509
1,278	7	3,477	424	273	761	1,458	98	231	237	566	982
1,279	7	1,988	625	187	72	884	191	43	81	315	562
1,280	7	6,449	1,801	549	553	2,903	286	385	156	827	1,822
1,281	7	5,032	1,437	384	439	2,259	343	349	164	856	1,422
1,282	7	2,294	702	109	211	1,022	169	135	81	385	648
1,283	7	1,222	375	55	113	543	90	74	44	208	345
1,284	7	18,476	2,734	3,336	1,888	7,959	1,401	1,642	832	3,874	5,220
1,285	7	25,331	4,943	3,717	2,636	11,297	2,209	3,206	930	6,345	7,156
1,286	7	8,830	1,836	736	1,217	3,788	439	564	423	1,426	2,495
1,287	7	54,039	8,854	5,990	7,913	22,757	2,338	3,019	3,236	8,593	15,266
1,288	7	38,340	8,215	3,705	4,660	16,581	1,676	2,292	2,466	6,434	10,831
1,289	7	49,409	9,568	8,533	4,273	22,375	2,958	940	1,703	5,601	13,958
1,290	7	20,205	3,773	4,005	1,510	9,288	1,324	258	499	2,080	5,708
1,291	7	13,216	2,371	1,593	1,706	5,670	895	508	724	2,126	3,734
1,292	7	7,939	1,942	1,386	86	3,414	234	249	663	1,147	2,243
1,293	7	5,082	1,241	889	57	2,187	153	173	422	749	1,436
1,294	7	7,054	1,709	1,244	89	3,043	213	307	575	1,095	1,993
1,295	7	3,994	983	692	38	1,714	114	126	341	581	1,128
1,296	7	10,488	2,587	1,813	97	4,497	298	311	899	1,508	2,963
1,297	7	9,068	1,600	1,105	1,126	3,832	286	452	636	1,374	2,562
1,298	7	10,024	1,770	1,243	1,232	4,244	313	534	692	1,539	2,832
1,299	7	17,287	3,049	2,032	2,192	7,272	526	847	1,250	2,623	4,884
1,300	7	330	59	63	27	149	19	44	9	72	93
1,301	7	4,894	864	592	611	2,066	302	255	219	775	1,383
1,302	7	2,325	411	323	265	999	145	200	95	440	657
1,303	7	3,499	619	496	393	1,509	203	237	137	578	988
1,304	7	9,968	2,215	734	1,320	4,268	544	269	695	1,508	2,816
1,305	7	8,842	1,971	631	1,180	3,782	481	225	623	1,328	2,498
1,306	7	15,100	2,856	1,372	2,159	6,387	1,084	751	647	2,482	4,266
1,307	7	11,225	2,123	1,024	1,603	4,750	804	570	480	1,855	3,171
1,308	7	9,865	1,862	946	1,381	4,189	696	542	414	1,652	2,787
1,309	7	20,504	3,879	1,858	2,935	8,672	1,469	1,018	879	3,367	5,792
1,310	7	10,398	1,968	928	1,496	4,393	748	515	449	1,712	2,937
1,311	7	7,392	1,395	708	1,035	3,138	522	392	310	1,224	2,088
1,312	7	8,712	1,648	785	1,249	3,683	626	422	374	1,422	2,461
1,313	7	26,563	5,027	2,384	3,816	11,227	1,908	1,320	1,144	4,372	7,504
1,314	7	8,155	1,544	724	1,177	3,445	587	402	353	1,342	2,304
1,315	7	13,712	2,593	1,255	1,955	5,803	981	689	586	2,255	3,874
1,316	7	4,267	793	765	276	1,833	256	267	227	750	1,205
1,317	7	4,634	862	822	300	1,984	236	325	253	815	1,309
1,318	7	7,075	1,312	1,285	457	3,053	451	506	366	1,323	1,999
1,319	7	6,350	1,171	1,195	407	2,773	476	577	301	1,355	1,794
1,320	7	15,577	2,918	2,615	1,018	6,552	723	757	958	2,438	4,400
1,321	7	22,931	4,300	3,819	1,501	9,620	1,063	1,085	1,433	3,580	6,478
1,322	7	17,557	3,289	2,946	1,148	7,383	815	900	1,081	2,796	4,960

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,323	7	7,428	1,386	1,284	483	3,153	348	408	428	1,183	2,098
1,324	7	55,089	13,715	4,681	5,377	23,773	2,094	1,969	4,243	8,306	15,563
1,325	7	48,498	5,879	6,436	7,651	19,966	2,212	1,646	3,470	7,328	13,701
1,326	7	33,367	6,492	6,336	2,174	15,001	2,301	1,534	1,506	5,341	9,426
1,327	7	9,447	1,920	1,600	633	4,154	609	749	595	1,953	2,669
1,328	7	3,760	753	662	249	1,665	280	317	218	815	1,062
1,329	7	28,792	8,334	1,965	2,360	12,658	1,456	988	1,916	4,361	8,134
1,330	7	2,385	652	201	189	1,042	135	127	122	384	674
1,331	7	4,358	1,175	396	342	1,912	256	271	218	745	1,231
1,332	7	7,059	1,930	599	559	3,088	397	360	360	1,118	1,994
1,333	7	6,934	1,896	588	549	3,033	391	353	354	1,098	1,959
1,334	7	1,635	383	153	170	707	82	120	81	282	462
1,335	7	1,670	391	158	174	723	89	123	83	295	472
1,336	7	2,946	702	249	316	1,267	148	194	152	494	832
1,337	7	8,230	1,929	770	859	3,558	433	583	408	1,424	2,325
1,338	7	4,388	627	624	585	1,836	204	296	242	742	1,240
1,339	7	4,563	648	641	616	1,905	211	284	255	749	1,289
1,340	7	2,290	329	330	302	960	107	131	123	361	647
1,341	7	5,699	806	791	778	2,374	263	325	322	910	1,610
1,342	7	396	61	66	45	172	21	63	18	103	112
1,343	7	5,831	827	815	790	2,432	268	373	327	969	1,647
1,344	7	8,922	1,678	1,440	873	3,990	692	1,454	302	2,447	2,520
1,345	7	16,018	3,161	1,502	2,170	6,833	354	1,885	730	2,968	4,525
1,346	7	11,035	2,179	1,027	1,499	4,705	185	1,494	509	2,188	3,117
1,347	7	14,125	2,788	1,325	1,914	6,026	954	1,039	804	2,797	3,990
1,348	7	2,317	458	210	318	986	155	146	133	434	655
1,349	7	7,976	1,572	763	1,072	3,407	151	730	510	1,391	2,253
1,350	7	11,115	2,035	1,272	1,389	4,696	504	886	571	1,961	3,140
1,351	7	3,301	604	392	404	1,401	162	279	166	607	933
1,352	7	6,891	1,365	610	954	2,929	135	238	661	1,034	1,947
1,353	7	4,892	964	469	657	2,089	215	252	376	842	1,382
1,354	7	5,288	1,045	482	724	2,251	212	254	346	812	1,494
1,355	7	11,918	2,357	1,079	1,636	5,072	494	686	786	1,966	3,367
1,356	7	8,337	1,651	742	1,152	3,544	345	453	554	1,352	2,355
1,357	7	5,495	1,089	483	762	2,334	103	89	559	750	1,552
1,358	7	4,263	895	869	97	1,861	297	269	239	806	1,204
1,359	7	44,463	9,593	6,034	3,291	18,918	1,815	1,135	3,648	6,598	12,561
1,360	7	7,579	1,481	821	966	3,267	299	340	574	1,214	2,141
1,361	7	16,843	3,591	2,218	1,395	7,204	678	938	1,094	2,709	4,758
1,362	7	7,279	1,547	972	600	3,119	295	434	466	1,196	2,056
1,363	7	14,248	3,043	1,864	1,183	6,090	563	718	901	2,183	4,025
1,364	7	47,703	10,260	6,039	4,005	20,304	1,947	2,440	3,255	7,642	13,476
1,365	7	3,219	679	519	245	1,443	303	368	134	805	909
1,366	7	5,910	1,396	651	517	2,564	342	298	334	974	1,670
1,367	7	7,604	1,728	975	635	3,339	534	540	389	1,464	2,148
1,368	7	2,994	593	265	414	1,272	96	111	234	442	846
1,369	7	11,416	2,478	926	1,500	4,904	705	303	735	1,743	3,225
1,370	7	3,238	662	196	531	1,390	132	63	268	463	915
1,371	7	10,200	2,275	602	1,499	4,376	425	141	886	1,452	2,882
1,372	7	7,861	1,725	570	1,101	3,396	406	267	559	1,232	2,221
1,373	7	8,041	1,777	539	1,149	3,464	217	573	677	1,468	2,272
1,374	7	2,279	543	298	145	986	122	163	165	450	644
1,375	7	3,586	775	304	480	1,559	139	270	298	707	1,013
1,376	7	3,568	847	513	181	1,541	212	92	246	550	1,008
1,377	7	2,446	493	344	258	1,095	183	230	163	577	691
1,378	7	6,178	1,331	1,122	200	2,654	201	284	500	985	1,745
1,379	7	6,299	1,359	549	836	2,743	258	327	472	1,057	1,780
1,380	7	1,165	228	143	137	507	82	79	41	202	329
1,381	7	2,246	423	380	208	1,010	217	297	66	581	635
1,382	7	2,529	491	332	286	1,108	184	233	87	504	714
1,383	7	7,510	1,433	1,141	764	3,338	620	1,074	244	1,939	2,122
1,384	7	1,568	1,355	1,445	583	3,383	847	84	87	1,018	443
1,385	7	3,706	692	635	342	1,669	310	386	100	796	1,047
1,386	7	7,532	1,187	686	1,287	3,160	326	990	419	1,735	2,128
1,387	7	20,676	3,212	1,789	3,555	8,556	1,389	2,349	1,655	5,393	5,841
1,388	7	10,225	1,711	1,010	1,832	4,553	716	1,544	848	3,108	2,889
1,389	7	5,220	757	456	802	2,015	325	760	382	1,467	1,475
1,390	7	6,837	1,083	575	1,229	2,887	470	728	570	1,768	1,931
1,391	7	8,272	1,379	1,225	1,033	3,636	612	1,388	344	2,345	2,337
1,392	7	1,456	232	151	233	617	66	89	72	227	411
1,393	7	3,339	536	365	522	1,423	146	428	168	742	943
1,394	7	4,801	765	487	780	2,032	209	416	246	870	1,356
1,395	7	9,482	1,504	927	1,569	4,000	410	776	493	1,679	2,679
1,396	7	2,011	322	214	319	855	88	155	100	343	568
1,397	7	4,075	666	521	576	1,763	239	472	184	895	1,151
1,398	7	4,555	725	456	745	1,926	200	306	232	738	1,287

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,399	7	2,727	434	277	442	1,154	122	179	138	439	770
1,400	7	2,570	418	316	373	1,107	143	271	118	532	726
1,401	7	8,782	1,374	738	1,550	3,662	373	588	487	1,448	2,481
1,402	7	4,897	783	519	777	2,080	239	466	246	952	1,383
1,403	7	-	-	-	-	-	-	-	-	-	-
1,404	7	24,592	3,930	2,544	3,965	10,440	1,183	2,883	1,277	5,343	6,947
1,405	7	1	0	0	0	0	0	0	0	0	0
1,406	7	10,778	1,699	983	1,841	4,523	457	923	583	1,962	3,045
1,407	7	6,719	1,046	890	825	2,761	484	1,311	382	2,176	1,898
1,408	7	3,832	626	485	545	1,656	193	663	180	1,036	1,083
1,409	7	3,109	511	412	427	1,350	171	680	146	997	878
1,410	7	9,821	1,561	978	1,611	4,150	425	1,177	519	2,120	2,774
1,411	7	2,269	367	262	343	972	100	219	108	426	641
1,412	7	4,627	724	386	819	1,929	195	307	257	759	1,307
1,413	7	2,023	321	194	338	853	94	186	107	387	572
1,414	7	1,980	334	316	229	879	142	76	67	285	559
1,415	7	24,464	3,880	2,381	4,057	10,318	1,086	1,964	1,276	4,326	6,911
1,416	7	10,142	759	847	2,497	4,103	454	676	547	1,677	2,865
1,417	7	24,324	4,252	5,352	1,694	11,298	1,726	94	379	2,200	6,872
1,418	7	12,560	991	1,118	3,002	5,112	562	1,456	679	2,697	3,548
1,419	7	8,723	670	752	2,118	3,540	391	612	465	1,468	2,464
1,420	7	8,214	610	681	1,998	3,288	584	869	647	2,100	2,320
1,421	7	9,136	1,097	1,328	1,519	3,944	557	1,240	365	2,162	2,581
1,422	7	8,533	703	800	1,988	3,491	406	858	446	1,710	2,411
1,423	7	1,818	154	177	416	747	81	269	96	446	514
1,424	7	1,754	133	152	367	653	110	270	124	504	495
1,425	7	5,968	462	519	1,443	2,424	271	400	316	987	1,686
1,426	7	2,963	202	231	551	984	165	359	187	711	837
1,427	7	8,935	730	830	2,091	3,651	433	753	465	1,651	2,524
1,428	7	12,821	1,691	2,070	1,865	5,626	737	1,501	446	2,685	3,622
1,429	7	3,582	5,768	7,538	2,608	15,914	2,835	468	190	3,493	1,012
1,430	7	16,780	3,408	5,532	4,061	13,001	1,219	2,384	515	4,118	4,740
1,431	7	5,427	540	897	689	2,126	167	941	155	1,262	1,533
1,432	7	22,102	1,311	3,278	4,248	8,837	399	3,079	631	4,110	6,244
1,433	7	13,011	1,416	2,743	2,725	6,884	463	1,815	380	2,657	3,676
1,434	7	13,757	2,517	4,186	3,233	9,936	1,010	1,918	418	3,346	3,886
1,435	7	-	835	1,053	288	2,176	396	-	13	409	-
1,436	7	-	856	1,079	296	2,230	569	-	19	588	-
1,437	7	672	2,011	2,586	810	5,407	1,054	87	53	1,194	190
1,438	7	3,648	312	535	439	1,286	100	912	112	1,124	1,031
1,439	7	1,02,464	7,509	15,863	18,336	41,708	3,138	13,240	3,327	19,705	28,946
1,440	7	28,305	3,037	5,030	4,002	12,068	1,763	5,176	870	7,808	7,996
1,441	7	4,805	271	604	741	1,616	178	775	198	1,151	1,358
1,442	7	6,807	451	1,022	1,271	2,744	192	924	234	1,350	1,923
1,443	7	11,416	1,217	2,023	1,623	4,863	730	1,833	344	2,907	3,225
1,444	7	8,739	891	1,521	1,287	3,700	501	1,473	263	2,236	2,469
1,445	7	14,736	1,354	2,465	2,334	6,153	606	2,565	473	3,644	4,163
1,446	7	9,282	1,223	1,802	1,061	4,086	753	1,652	252	2,657	2,622
1,447	7	340	44	65	39	148	16	168	13	197	96
1,448	7	29,154	4,084	5,692	2,741	12,517	2,520	7,759	902	11,181	8,236
1,449	7	1,815	293	384	137	815	146	584	51	781	513
1,450	7	9,341	1,202	1,794	1,100	4,096	527	2,863	345	3,735	2,639
1,451	7	11,334	1,687	2,289	980	4,956	1,012	3,179	336	4,528	3,202
1,452	7	18,380	1,854	3,187	2,729	7,770	813	3,636	575	5,024	5,192
1,453	7	8,423	1,467	1,875	568	3,910	918	2,424	213	3,556	2,380
1,454	7	48,642	5,281	8,685	6,808	20,775	2,149	11,106	1,652	14,906	13,741
1,455	7	27,839	2,093	4,345	4,924	11,362	836	3,318	870	5,024	7,865
1,456	7	15,276	1,463	2,596	2,354	6,413	659	3,585	587	4,832	4,315
1,457	7	45,370	3,422	6,966	8,388	18,776	474	6,287	2,368	9,130	12,817
1,458	7	6,657	914	1,310	744	2,969	207	1,050	222	1,479	1,881
1,459	7	60,708	6,776	10,856	8,618	26,251	5,884	15,825	2,703	24,412	17,150
1,551	4	69,738	12,912	14,417	6,783	34,112	5,761	4,983	2,466	13,210	19,701
1,552	4	9,503	1,718	1,919	901	4,538	436	1,383	325	2,144	2,685
1,553	4	67,423	13,237	15,094	6,082	34,413	6,777	2,201	1,895	10,873	19,047
1,554	4	45,901	9,591	7,647	4,102	21,340	3,393	5,523	2,179	11,096	12,967
1,555	4	22,072	4,581	3,658	1,959	10,198	1,558	2,091	905	4,554	6,235
1,556	4	49,254	10,390	9,459	4,380	24,230	5,388	4,275	1,906	11,570	13,914
1,557	4	10,811	2,458	2,191	898	5,547	1,490	1,249	343	3,082	3,054
1,558	4	15,482	4,299	1,640	1,224	7,163	1,539	856	677	3,073	4,374
1,559	4	16,245	4,483	1,551	1,251	7,285	944	626	547	2,117	4,589
1,560	4	11,189	3,230	1,474	564	5,268	182	132	249	562	3,161
1,561	4	10,332	5,771	2,568	987	9,326	717	271	369	1,357	2,919
1,562	4	49,329	6,359	5,041	5,412	16,812	800	577	1,122	2,500	13,935
1,563	4	14,961	2,955	2,492	1,755	7,203	1,812	812	412	3,035	4,227
1,564	4	14,889	2,879	1,941	1,997	6,817	771	803	374	1,947	4,206
1,565	4	15,227	2,603	2,624	1,726	6,953	675	1,217	376	2,268	4,301

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,566	4	11,226	2,041	2,156	1,188	5,385	1,057	1,256	316	2,629	3,171
1,567	4	8,537	1,357	635	1,615	3,606	68	51	169	287	2,412
1,568	4	14,203	2,342	1,363	2,485	6,190	321	416	306	1,043	4,012
1,569	4	15,659	2,328	2,736	1,572	6,636	2,411	693	1,438	4,542	4,424
1,570	4	18,571	2,701	3,172	1,790	7,662	1,931	561	1,242	3,735	5,246
1,571	4	23,162	3,451	4,053	2,294	9,798	2,328	730	1,510	4,569	6,543
1,572	4	56,731	10,131	6,056	7,581	23,767	6,685	3,572	3,525	13,781	16,026
1,573	4	27,394	5,132	3,646	3,489	12,267	3,042	2,103	1,487	6,632	7,739
1,574	4	5,306	791	671	697	2,159	290	394	645	1,329	1,499
1,575	4	25,356	1,912	1,862	4,379	8,153	454	368	3,561	4,383	7,163
1,576	4	22,143	2,443	3,440	2,315	8,198	1,655	1,165	2,406	5,226	6,255
1,577	4	35,455	6,040	6,378	4,208	16,626	9,789	4,404	2,072	16,265	10,016
1,578	4	54,132	7,763	7,369	7,732	22,864	4,656	2,393	3,185	10,235	15,292
1,579	4	46,786	7,203	7,161	6,265	20,629	5,032	2,209	2,492	9,734	13,217
1,580	4	67,466	5,446	2,186	10,583	18,215	4,424	3,128	3,561	11,113	19,059
1,581	4	19,704	3,142	2,786	3,013	8,941	2,543	2,130	1,065	5,737	5,566
1,582	4	57,937	7,920	5,436	10,814	24,170	6,154	4,407	3,255	13,816	16,367
1,583	4	39,343	3,425	1,435	6,533	11,393	3,433	2,429	2,488	8,350	11,114
1,584	4	10,638	619	1,905	1,656	4,180	1,083	1,269	1,139	3,491	3,005
1,585	4	16,009	1,236	3,007	2,366	6,609	1,566	2,015	1,479	5,061	4,523
1,586	4	52,854	1,215	7,432	7,616	16,263	5,186	5,665	6,224	17,075	14,931
1,587	4	20,265	1,389	1,370	3,004	5,762	627	598	3,198	4,423	5,725
1,588	4	36,114	2,624	2,555	6,021	11,200	575	623	3,369	4,568	10,202
1,589	4	21,834	1,662	1,625	3,754	7,041	704	520	3,255	4,479	6,168
1,590	4	26,761	5,225	4,633	363	10,222	409	297	2,877	3,583	7,560
1,591	4	8,355	2,642	428	171	3,241	598	230	1,069	1,896	2,360
1,592	4	13,489	1,079	1,062	2,357	4,498	517	277	1,828	2,621	3,811
1,593	4	6,956	1,284	1,048	805	3,137	609	459	689	1,757	1,965
1,594	4	34,280	8,219	3,799	2,616	14,634	1,943	1,872	2,523	6,338	9,684
1,595	4	4,660	1,244	555	256	2,056	440	77	666	1,182	1,316
1,596	4	11,947	3,020	1,785	746	5,551	1,802	389	1,684	3,875	3,375
1,597	4	9,015	2,981	827	273	4,081	1,235	364	626	2,225	2,547
1,598	4	8,594	1,819	1,204	626	3,649	986	351	951	2,287	2,428
1,599	4	2,633	551	366	211	1,127	358	112	275	745	744
1,600	4	9,118	1,902	1,255	727	3,884	2,695	823	1,888	5,406	2,576
1,601	4	3,392	695	430	385	1,509	928	467	995	2,391	958
1,602	4	4,006	818	472	462	1,752	1,130	581	1,273	2,985	1,132
1,603	4	7,148	1,641	747	833	3,221	1,438	238	513	2,189	2,019
1,604	4	6,521	977	825	910	2,712	846	208	593	1,648	1,842
1,605	4	18,493	3,176	2,001	2,795	7,972	1,664	682	745	3,091	5,224
1,606	4	9,014	1,550	1,143	1,216	3,910	1,743	674	554	2,971	2,547
1,607	4	11,365	2,038	1,694	1,428	5,160	2,317	978	703	3,998	3,211
1,608	4	24,267	4,198	3,217	3,185	10,600	7,578	3,767	2,341	13,687	6,856
1,609	4	15,797	2,050	2,448	1,807	6,305	2,187	529	819	3,535	4,463
1,610	4	11,228	1,485	1,772	1,284	4,541	2,141	959	1,124	4,224	3,172
1,611	4	5,708	838	757	737	2,332	1,348	957	944	3,249	1,613
1,612	4	18,948	2,410	3,285	1,882	7,577	910	2,021	2,296	5,226	5,353
1,613	4	8,173	829	1,214	1,118	3,160	352	561	1,145	2,058	2,309
1,614	4	1,510	282	210	124	616	202	257	264	723	427
1,615	4	5,770	803	954	645	2,402	698	289	477	1,464	1,630
1,616	4	15,925	2,682	2,039	1,676	6,396	98	1,690	914	2,702	4,499
1,617	4	14,532	2,606	1,998	1,619	6,223	106	1,536	828	2,470	4,105
1,618	4	7,668	1,433	1,098	890	3,422	65	769	422	1,255	2,166
1,619	4	10,988	580	3,275	999	4,854	214	474	1,274	1,962	3,104
1,620	4	16,041	2,097	2,808	2,464	7,369	3,246	4,137	2,258	9,640	4,532
1,621	4	9,416	1,096	1,529	1,548	4,173	1,152	1,508	907	3,568	2,660
1,622	4	19,029	1,396	3,815	3,056	8,267	985	2,671	1,895	5,551	5,376
1,623	4	13,264	832	2,594	2,184	5,609	440	1,381	1,059	2,880	3,747
1,624	4	16,048	976	3,343	2,901	7,220	547	2,244	1,673	4,464	4,534
1,625	4	24,765	4,003	3,168	2,914	10,085	1,818	2,244	2,122	6,185	6,996
1,626	4	16,975	2,790	2,105	1,909	6,804	1,140	1,142	1,575	3,856	4,796
1,627	4	31,270	5,234	3,786	3,692	12,712	1,472	1,749	2,572	5,793	8,834
1,628	4	11,277	1,946	1,395	1,381	4,722	361	449	723	1,533	3,186
1,629	4	21,006	3,488	3,253	2,631	9,371	1,037	2,169	740	3,946	5,934
1,630	4	15,380	2,747	2,903	1,757	7,408	4,456	1,692	1,436	7,585	4,345
1,631	4	20,035	3,786	3,467	2,155	9,408	1,583	1,682	896	4,160	5,660
1,632	4	35,762	6,191	5,442	3,674	15,307	4,111	4,434	2,492	11,036	10,103
1,633	4	20,809	3,751	3,418	2,146	9,316	2,402	2,678	1,365	6,444	5,878
1,634	4	14,554	2,814	2,571	1,605	6,990	1,857	1,964	1,016	4,838	4,112
1,635	4	13,154	2,458	2,363	1,324	6,145	1,429	1,270	635	3,335	3,716
1,636	4	15,419	2,980	2,731	1,695	7,406	2,011	2,016	1,064	5,091	4,356
1,637	4	16,419	1,056	3,205	2,877	7,138	623	702	671	1,996	4,638
1,638	4	5,544	1,583	519	480	2,582	213	209	867	1,289	1,566
1,639	4	20,916	5,218	1,909	1,531	8,658	922	1,069	2,569	4,560	5,909
1,640	4	8,381	3,390	172	211	3,773	306	514	506	1,327	2,368
1,641	4	15,383	3,027	1,896	1,826	6,749	714	950	952	2,617	4,346

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,642	4	15,049	2,634	1,801	1,875	6,311	863	563	1,750	3,176	4,251
1,643	4	16,305	2,901	2,054	1,751	6,706	2,762	2,963	2,191	7,916	4,606
1,644	4	28,550	5,318	3,996	3,109	12,422	2,841	2,192	1,816	6,849	8,065
1,645	4	8,276	1,303	1,505	987	3,796	1,417	738	606	2,761	2,338
1,646	4	12,604	2,013	2,268	1,418	5,699	2,656	1,486	2,997	7,139	3,561
1,647	4	13,030	1,911	2,131	1,555	5,597	1,041	526	1,450	3,018	3,681
1,648	4	27,567	4,084	4,558	3,276	11,918	3,130	1,596	4,111	8,837	7,788
1,649	4	17,325	2,853	3,239	1,785	7,877	1,991	650	951	3,592	4,894
1,650	4	19,927	3,275	3,716	2,066	9,057	1,845	1,528	1,323	4,696	5,629
1,651	4	16,220	4,323	1,963	1,022	7,307	3,057	975	3,803	7,835	4,582
1,652	4	5,147	1,110	830	439	2,379	1,651	1,084	978	3,713	1,454
1,653	4	3,210	732	401	285	1,418	1,184	899	852	2,936	907
1,654	4	6,581	1,147	1,198	795	3,140	1,533	601	2,540	4,674	1,859
1,655	4	4,150	726	490	534	1,751	661	393	1,773	2,827	1,172
1,656	4	11,457	2,492	2,021	979	5,493	3,343	1,677	2,218	7,238	3,237
1,657	4	6,021	1,380	954	535	2,869	1,253	716	1,037	3,005	1,701
1,658	4	5,102	1,158	841	451	2,451	1,024	706	841	2,572	1,441
1,659	4	3,138	680	495	265	1,440	910	589	730	2,228	886
1,660	4	7,638	1,661	1,208	647	3,516	1,895	1,174	1,530	4,599	2,158
1,661	4	5,700	2,124	442	143	2,709	772	365	299	1,436	1,610
1,662	4	12,581	4,660	1,005	327	5,991	3,097	1,594	1,066	5,757	3,554
1,663	4	8,193	1,205	1,435	1,011	3,651	967	801	1,092	2,860	2,314
1,664	4	7,884	1,074	1,288	1,032	3,393	540	599	829	1,968	2,227
1,665	4	6,415	634	1,536	786	2,956	2,255	5,274	2,820	10,349	1,812
1,666	4	8,382	550	1,963	1,097	3,609	2,107	5,191	2,827	10,125	2,368
1,667	4	7,139	965	1,151	828	2,944	1,222	1,095	1,053	3,370	2,017
1,668	4	24,033	3,691	4,222	2,248	10,162	1,111	1,930	2,489	5,530	6,789
1,669	4	4,649	787	708	608	2,103	1,492	2,845	1,267	5,604	1,313
1,670	4	10,871	414	2,807	1,119	4,340	941	2,838	2,404	6,183	3,071
1,671	4	6,625	374	1,721	678	2,774	860	2,415	1,968	5,243	1,872
1,672	4	8,827	949	1,760	794	3,503	318	793	839	1,950	2,494
1,673	4	20,456	2,352	4,296	1,928	8,576	719	1,756	1,799	4,274	5,779
1,674	4	10,011	2,873	1,185	240	4,298	253	998	845	2,096	2,828
1,675	4	18,716	2,630	3,138	2,295	8,064	1,294	959	1,025	3,277	5,287
1,676	4	19,396	2,719	3,254	2,500	8,473	834	2,309	1,574	4,717	5,479
1,677	4	6,211	988	1,183	462	2,633	286	548	497	1,332	1,755
1,678	4	5,713	890	907	644	2,442	146	203	252	601	1,614
1,679	4	11,421	1,838	1,972	1,246	5,057	1,660	1,859	1,941	5,460	3,227
1,680	4	23,477	4,042	4,392	2,567	11,001	1,707	1,670	1,363	4,739	6,632
1,681	4	4,524	843	723	390	1,956	772	754	1,381	2,907	1,278
1,682	4	5,459	1,013	857	470	2,341	861	839	1,562	3,262	1,542
1,683	4	4,596	851	713	397	1,960	625	611	1,152	2,389	1,298
1,684	4	9,642	1,747	1,471	812	4,030	367	350	750	1,468	2,724
1,685	4	7,180	1,076	701	882	2,660	279	213	670	1,162	2,028
1,686	4	29,190	2,914	4,321	3,273	10,509	1,160	866	4,381	6,406	8,246
1,687	4	9,583	2,225	1,024	824	4,073	3,108	1,122	1,883	6,113	2,707
1,688	4	1,586	342	162	127	631	312	105	199	616	448
1,689	4	3,284	650	409	398	1,457	1,600	299	769	2,668	928
1,690	4	11,776	2,374	1,126	1,596	5,097	5,027	898	2,672	8,597	3,327
1,691	4	6,332	1,095	701	958	2,754	3,826	1,539	3,531	8,896	1,789
1,692	4	4,760	846	583	702	2,132	2,161	890	1,988	5,039	1,345
1,693	4	5,706	995	657	742	2,394	3,432	390	1,155	4,977	1,612
1,694	4	2,523	459	291	351	1,100	963	75	882	1,921	713
1,695	4	6,646	1,235	815	922	2,972	766	271	2,621	3,658	1,878
1,696	4	21,489	2,900	3,485	2,850	9,235	1,925	400	1,323	3,648	6,071
1,697	4	4,510	618	741	584	1,944	1,708	380	934	3,022	1,274
1,698	4	16,429	1,178	1,964	3,450	6,592	668	1,035	1,595	3,298	4,641
1,699	4	9,365	1,253	1,504	1,209	3,966	292	1,258	499	2,049	2,646
1,700	4	5,197	977	445	824	2,247	437	166	1,445	2,048	1,468
1,701	4	10,202	1,980	951	1,641	4,572	721	293	2,285	3,299	2,882
1,702	4	12,900	2,468	1,363	1,555	5,386	404	471	3,500	4,375	3,644
1,703	4	2,955	508	387	305	1,200	271	170	565	1,005	835
1,704	4	6,128	1,128	725	742	2,595	506	305	1,199	2,011	1,731
1,705	4	14,005	1,964	1,800	2,065	5,829	2,232	1,514	1,778	5,524	3,956
1,706	4	2,460	733	268	66	1,066	350	254	939	1,544	695
1,707	4	3,044	964	352	86	1,403	235	194	641	1,070	860
1,708	4	2,598	814	316	80	1,211	241	204	636	1,081	734
1,709	4	14,151	3,879	1,713	1,012	6,604	2,849	1,488	4,148	8,485	3,998
1,710	4	8,163	270	1,208	2,052	3,530	648	404	1,467	2,519	2,306
1,711	4	4,314	1,540	160	266	1,966	599	269	681	1,550	1,219
1,712	4	8,883	3,305	392	582	4,280	785	345	924	2,054	2,509
1,801	5	9,016	1,246	1,440	1,049	3,736	654	424	354	1,432	2,547
1,802	5	7,997	1,132	1,291	918	3,341	3,821	1,468	2,886	8,175	2,259
1,803	5	8,973	1,374	1,508	995	3,877	580	405	111	1,096	2,535
1,804	5	29,302	4,179	4,898	3,656	12,733	2,192	788	815	3,795	8,278
1,805	5	22,176	2,197	4,031	2,594	8,821	745	725	3,333	4,803	6,265

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,806	5	9,506	1,196	1,843	1,033	4,071	747	274	940	1,961	2,685
1,807	5	29,191	677	2,916	6,771	10,364	1,012	1,107	2,216	4,335	8,247
1,808	5	8,948	826	1,220	1,701	3,747	4,193	4,611	9,357	18,160	2,528
1,809	5	30,170	597	3,125	7,524	11,246	2,537	2,832	6,364	11,733	8,523
1,810	5	7,151	2,497	1,837	74	4,407	5,442	4,718	5,340	15,500	2,020
1,811	5	5,544	2,031	1,516	12	3,559	6,313	6,458	8,492	21,263	1,566
1,812	5	18,802	3,506	1,024	3,631	8,160	3,499	3,458	4,908	11,866	5,312
1,813	5	1,689	619	462	4	1,085	8,618	8,280	13,355	30,253	477
1,814	5	4,046	1,482	1,106	9	2,597	2,433	2,724	777	5,933	1,143
1,815	5	8,913	3,110	1,982	603	5,694	5,715	9,960	3,353	19,028	2,518
1,816	5	4,714	1,507	921	361	2,788	2,939	4,434	1,579	8,953	1,332
1,817	5	799	293	218	2	513	1,595	2,929	1,085	5,609	226
1,818	5	5,143	1,792	1,246	167	3,204	3,301	4,616	1,464	9,380	1,453
1,819	5	5,159	1,705	894	663	3,262	1,369	1,783	593	3,745	1,458
1,820	5	1,563	573	427	3	1,003	2,723	4,769	1,790	9,281	442
1,821	5	4,475	1,727	871	303	2,900	1,969	719	261	2,950	1,264
1,822	5	7,683	1,881	1,180	585	3,645	762	804	475	2,041	2,170
1,823	5	3,596	1,061	688	273	2,021	2,123	2,188	1,411	5,722	1,016
1,824	5	12,044	2,993	1,866	959	5,818	712	743	437	1,892	3,402
1,825	5	2,370	714	521	35	1,269	2,595	2,501	1,504	6,600	670
1,826	5	604	221	165	1	388	1,835	1,875	1,222	4,932	171
1,827	5	5,789	1,681	1,071	480	3,232	2,081	2,117	1,374	5,572	1,635
1,828	5	665	244	182	1	427	1,911	1,933	1,270	5,114	188
1,829	5	1,126	413	308	3	723	1,762	1,855	1,087	4,704	318
1,830	5	16,579	3,765	2,269	1,898	7,933	1,075	1,539	1,327	3,941	4,683
1,831	5	12,726	2,887	2,173	1,279	6,340	1,127	1,082	1,198	3,407	3,595
1,832	5	1,044	382	285	2	670	544	560	821	1,924	295
1,833	5	2,321	675	443	105	1,223	193	224	248	665	656
1,834	5	461	169	126	1	296	187	192	251	629	130
1,835	5	11,861	3,036	1,923	581	5,540	504	487	647	1,637	3,351
1,836	5	8,940	2,986	2,266	212	5,464	7,140	5,460	1,910	14,510	2,526
1,837	5	670	245	183	1	430	468	465	123	1,056	189
1,838	5	2,944	1,079	805	7	1,890	5,965	4,797	1,937	12,699	832
1,839	5	1,127	289	232	88	609	1,329	1,084	446	2,859	318
1,840	5	3,270	240	258	825	1,324	264	47	114	426	924
1,841	5	12,663	999	1,051	3,183	5,233	738	168	241	1,148	3,577
1,842	5	5,380	1,780	599	249	2,628	1,845	80	1,322	3,247	1,520
1,843	5	3,284	1,246	298	106	1,650	381	16	216	613	928
1,844	5	2,322	586	159	308	1,053	85	69	100	254	656
1,845	5	11,241	2,861	1,223	1,157	5,241	1,106	285	843	2,234	3,175
1,846	5	4,034	1,465	218	372	2,055	2,989	688	911	4,588	1,140
1,847	5	7,262	2,613	572	587	3,773	6,063	1,342	1,728	9,132	2,051
1,848	5	4,464	1,541	595	239	2,375	2,709	620	622	3,951	1,261
1,849	5	29,065	9,272	3,248	2,365	14,885	8,302	1,912	996	11,210	8,211
1,850	5	20,110	6,789	2,258	1,807	10,853	13,154	6,778	2,664	22,596	5,681
1,851	5	10,763	3,265	762	1,073	5,100	1,968	420	258	2,647	3,041
1,852	5	16,462	4,529	2,149	1,432	8,110	3,175	1,046	450	4,671	4,651
1,853	5	28,229	7,348	3,238	2,607	13,194	6,332	999	1,259	8,590	7,975
1,854	5	8,957	2,186	814	946	3,945	1,625	231	471	2,326	2,530
1,855	5	21,261	5,855	2,792	1,836	10,483	4,050	807	553	5,410	6,006
1,856	5	11,815	2,948	1,079	1,297	5,324	1,921	289	619	2,829	3,338
1,857	5	4,627	1,254	577	417	2,248	1,252	233	328	1,813	1,307
1,858	5	6,222	1,458	475	709	2,642	794	114	286	1,194	1,758
1,859	5	9,154	2,368	1,094	876	4,338	1,730	341	233	2,305	2,586
1,860	5	7,798	1,693	474	1,022	3,189	794	144	394	1,331	2,203
1,861	5	4,943	1,053	298	631	1,983	388	73	190	651	1,396
1,862	5	11,749	2,788	956	1,457	5,201	1,884	404	727	3,015	3,319
1,863	5	12,871	2,898	824	1,732	5,455	1,788	334	870	2,992	3,636
1,864	5	5,119	1,228	384	690	2,301	374	95	149	618	1,446
1,865	5	5,261	1,716	265	395	2,375	662	129	417	1,207	1,486
1,866	5	20,494	7,328	1,255	1,641	10,223	2,768	511	1,473	4,751	5,790
1,867	5	34,940	9,067	3,880	3,623	16,570	9,657	2,113	3,845	15,615	9,871
1,868	5	24,272	5,785	2,351	2,464	10,600	3,320	798	1,214	5,333	6,857
1,869	5	12,811	3,052	1,095	1,480	5,627	1,401	328	713	2,442	3,619
1,870	5	5,616	1,494	715	503	2,712	1,198	293	349	1,841	1,587
1,871	5	22,536	5,891	2,390	2,515	10,796	3,320	859	1,339	5,519	6,366
1,872	5	13,146	3,211	1,168	1,538	5,917	1,371	324	664	2,359	3,714
1,873	5	12,202	3,032	1,886	1,422	6,340	5,769	1,930	1,434	9,134	3,447
1,874	5	13,586	3,001	1,723	1,946	6,670	8,113	2,929	2,549	13,591	3,838
1,875	5	12,952	2,813	1,598	1,888	6,299	4,751	1,757	1,407	7,915	3,659
1,876	5	5,814	1,508	522	710	2,740	353	201	514	1,069	1,642
1,877	5	13,218	4,165	1,065	1,256	6,486	3,595	500	2,445	6,539	3,734
1,878	5	23,438	4,823	2,872	2,897	10,592	1,393	911	1,233	3,537	6,621
1,879	5	4,225	877	534	478	1,889	391	251	323	965	1,193
1,880	5	50,633	14,684	7,829	1,519	24,032	3,837	1,383	1,542	6,762	14,304
1,881	5	38,142	4,546	4,262	6,908	15,715	2,711	732	866	4,310	10,775

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,882	5	12,253	1,409	1,334	2,247	4,990	823	221	290	1,334	3,461
1,883	5	14,431	1,869	1,694	2,380	5,943	1,543	437	404	2,384	4,077
1,884	5	15,632	2,102	1,886	2,523	6,511	1,909	457	425	2,791	4,416
1,885	5	13,103	1,845	1,637	2,068	5,549	1,556	561	378	2,495	3,702
1,886	5	21,164	2,056	3,176	3,887	9,118	614	392	898	1,904	5,979
1,887	5	51,968	14,010	12,367	2,977	29,354	9,215	362	960	10,536	14,681
1,888	5	6,897	673	1,210	1,073	2,956	589	124	349	1,061	1,948
1,889	5	29,163	7,302	2,843	2,958	13,103	2,021	752	2,845	5,618	8,239
1,890	5	13,454	3,157	1,286	1,215	5,658	406	183	458	1,047	3,801
1,891	5	32,752	11,171	216	3,550	14,936	2,952	447	3,066	6,466	9,253
1,892	5	8,951	2,860	72	902	3,833	407	77	401	886	2,529
1,893	5	6,510	1,203	763	965	2,932	1,201	355	774	2,329	1,839
1,894	5	18,269	4,434	1,176	2,271	7,882	866	412	992	2,270	5,161
1,895	5	15,171	2,479	1,110	2,696	6,285	1,362	806	686	2,854	4,286
1,896	5	4,381	950	286	564	1,800	449	244	370	1,063	1,238
1,897	5	5,924	1,273	329	830	2,431	292	159	296	747	1,674
1,898	5	6,863	1,445	375	940	2,759	523	286	534	1,344	1,939
1,899	5	11,611	3,606	675	1,255	5,536	957	391	705	2,052	3,280
1,900	5	4,755	1,508	212	568	2,287	304	149	313	766	1,343
1,901	5	9,286	2,969	529	1,049	4,547	736	365	579	1,680	2,623
1,902	5	21,465	2,269	4,859	2,432	9,561	484	557	725	1,766	6,064
1,903	5	7,760	2,091	159	1,275	3,525	688	171	416	1,276	2,192
1,904	5	9,672	2,299	200	1,378	3,877	617	151	362	1,130	2,732
1,905	5	6,444	1,853	345	945	3,144	886	352	377	1,615	1,821
1,906	5	8,560	2,189	237	1,270	3,696	842	184	415	1,442	2,418
1,907	5	11,513	3,065	189	1,908	5,162	989	237	641	1,866	3,252
1,908	5	8,121	2,185	126	1,368	3,678	741	177	483	1,400	2,294
1,909	5	6,374	1,543	104	952	2,599	909	216	591	1,715	1,801
1,910	5	4,538	1,236	78	768	2,082	522	124	339	985	1,282
1,911	5	6,116	1,464	106	897	2,467	796	190	514	1,500	1,728
1,912	5	5,277	1,343	82	837	2,262	468	111	303	881	1,491
1,913	5	12,311	3,320	615	1,697	5,632	1,700	553	710	2,963	3,478
1,914	5	2,181	605	57	359	1,021	194	51	119	364	616
1,915	5	4,187	1,148	66	719	1,933	367	85	238	690	1,183
1,916	5	8,448	2,271	158	1,398	3,827	817	197	513	1,527	2,387
1,917	5	9,654	2,436	148	1,518	4,103	1,029	243	671	1,943	2,727
1,918	5	9,148	2,328	129	1,462	3,919	777	182	508	1,466	2,584
1,919	5	10,043	2,539	140	1,595	4,274	929	217	609	1,755	2,837
1,920	5	13,111	3,432	181	2,164	5,777	437	101	283	820	3,704
1,921	5	21,005	5,067	2,578	2,661	10,305	2,479	899	1,292	4,670	5,934
1,922	5	12,394	2,786	1,429	1,439	5,654	869	306	418	1,593	3,501
1,923	5	7,104	1,760	891	934	3,584	927	347	514	1,789	2,007
1,924	5	7,803	2,025	836	950	3,811	6,450	5,433	9,130	21,014	2,204
1,925	5	4,770	1,081	295	716	2,092	337	276	477	1,090	1,348
1,926	5	20,574	5,121	1,560	3,172	9,853	1,415	1,056	1,334	3,805	5,812
1,927	5	5,232	1,179	315	792	2,286	355	298	511	1,164	1,478
1,928	5	1,128	264	114	117	496	2,362	2,052	3,587	8,001	319
1,929	5	1,951	437	114	298	849	132	108	192	433	551
1,930	5	459	121	49	43	213	3,677	581	1,651	5,910	130
1,931	5	1,264	323	73	173	569	2,777	439	1,247	4,463	357
1,932	5	1,232	335	108	146	589	5,431	868	2,436	8,736	348
1,933	5	951	265	101	100	466	5,187	826	2,324	8,337	269
1,934	5	2,392	756	406	165	1,327	1,851	463	623	2,938	676
1,935	5	10,504	638	632	2,863	4,133	1,586	940	1,793	4,320	2,967
1,936	5	25,563	5,761	3,381	2,260	11,402	3,810	3,134	3,924	10,867	7,222
1,937	5	21,486	4,617	1,389	3,211	9,217	961	594	2,122	3,678	6,070
1,938	5	18,467	4,274	2,336	1,363	7,972	2,438	436	4,098	6,972	5,217
1,939	5	8,219	1,458	784	1,088	3,330	609	365	1,168	2,142	2,322
1,940	5	9,411	3,386	868	844	5,097	684	274	220	1,178	2,659
1,941	5	9,534	3,053	725	789	4,567	1,136	261	730	2,127	2,693
1,942	5	40,247	13,002	2,793	3,478	19,272	5,048	972	5,129	11,150	11,370
1,943	5	4,063	1,031	534	214	1,779	174	346	273	793	1,148
1,944	5	3,207	711	306	349	1,366	110	58	444	612	906
1,945	5	6,017	1,283	775	511	2,570	912	610	1,028	2,551	1,700
1,946	5	3,698	831	358	502	1,691	467	42	328	838	1,045
1,947	5	6,707	1,840	338	950	3,128	1,466	302	665	2,433	1,895
1,948	5	3,773	1,000	343	378	1,721	739	147	1,224	2,110	1,066
1,949	5	2,422	864	320	87	1,271	598	24	496	1,118	684
1,950	5	4,059	977	285	568	1,830	115	17	177	309	1,147
1,951	5	3,546	1,047	541	114	1,703	194	20	68	282	1,002
1,952	5	4,000	923	279	525	1,727	357	54	375	786	1,130
1,953	5	3,953	1,245	348	264	1,857	407	204	443	1,054	1,117
1,954	5	3,057	964	276	202	1,442	316	159	338	813	864
1,955	5	3,184	967	161	333	1,461	415	130	326	872	899
1,956	5	5,466	1,677	589	296	2,561	481	277	850	1,608	1,544
1,957	5	7,310	2,293	678	552	3,523	2,491	2,602	1,156	6,249	2,065

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
1,958	5	7,984	2,602	981	449	4,033	8,490	1,521	3,270	13,281	2,255
1,959	5	4,387	906	545	458	1,910	2,457	1,606	3,632	7,695	1,239
1,960	5	7,198	1,571	940	815	3,326	1,783	1,164	2,574	5,522	2,034
2,011	14	21,146	2,327	3,826	407	6,560	2,153	2,620	1,350	6,122	5,974
2,012	14	17,823	595	3,843	595	5,033	1,222	1,584	1,622	4,428	5,035
2,013	14	13,200	700	2,729	393	3,821	824	1,386	1,172	3,383	3,729
2,014	14	27,701	1,745	5,602	773	8,120	2,503	3,794	2,623	8,920	7,826
2,015	14	10,819	476	2,281	340	3,097	834	1,067	1,011	2,911	3,056
2,016	14	7,426	173	1,635	262	2,070	471	628	705	1,804	2,098
2,017	14	5,136	117	1,132	182	1,430	336	486	529	1,351	1,451
2,018	14	8,008	176	1,768	284	2,228	523	770	828	2,121	2,262
2,019	14	11,609	434	2,482	379	3,295	874	1,152	1,109	3,136	3,280
2,020	14	4,964	98	1,101	178	1,377	296	418	479	1,193	1,402
2,021	14	12,105	526	2,555	382	3,462	968	1,275	1,140	3,383	3,420
2,022	14	9,785	327	2,109	327	2,763	711	1,018	964	2,693	2,764
2,023	14	9,636	6,273	6,624	465	13,362	8,413	1,524	1,125	11,062	2,722
2,024	14	13,362	2,346	4,613	540	7,499	3,588	1,582	1,484	6,654	3,775
2,025	14	5,614	284	1,167	170	1,620	402	694	511	1,608	1,586
2,026	14	8,196	653	1,596	204	2,452	722	1,238	648	2,607	2,315
2,027	14	14,652	1,578	2,666	288	4,532	1,559	2,369	986	4,914	4,139
2,028	14	6,639	1,506	544	751	2,800	124	946	234	1,304	1,875
2,029	14	9,963	2,119	1,011	823	3,953	524	1,620	405	2,548	2,815
2,030	14	5,274	937	793	36	1,766	633	3,306	686	4,626	1,490
2,031	14	4,436	788	666	31	1,485	520	2,338	477	3,335	1,253
2,032	14	2,768	492	416	19	927	238	2,207	339	2,783	782
2,033	14	14,217	2,831	1,713	756	5,299	1,363	3,479	808	5,651	4,016
2,034	14	6,964	1,448	753	503	2,705	575	1,026	296	1,896	1,967
2,035	14	14,021	3,040	1,343	1,282	5,666	444	4,188	728	5,360	3,961
2,036	14	11,268	2,505	994	1,164	4,663	371	2,628	713	3,712	3,183
2,037	14	19,824	4,182	2,061	1,562	7,805	911	5,553	1,047	7,512	5,600
2,038	14	14,774	3,471	1,276	1,578	6,325	460	1,126	1,761	3,347	4,174
2,039	14	19,635	4,494	1,830	1,887	8,211	495	1,413	1,184	3,093	5,547
2,040	14	14,040	3,197	1,327	1,320	5,844	747	1,365	1,787	3,899	3,966
2,041	14	3,737	764	450	200	1,414	132	1,032	244	1,408	1,056
2,042	14	22,960	5,408	1,967	2,475	9,850	858	2,051	3,258	6,166	6,486
2,043	14	9,569	2,111	980	782	3,872	713	1,953	2,158	4,824	2,703
2,044	14	8,967	1,721	1,205	284	3,210	1,165	1,281	553	2,999	2,533
2,045	14	19,055	4,485	1,637	2,048	8,170	631	1,559	2,433	4,622	5,383
2,046	14	15,580	3,625	1,385	1,601	6,611	391	957	1,467	2,814	4,401
2,047	14	2,666	483	390	35	908	255	722	406	1,383	753
2,048	14	22,395	5,236	1,923	2,380	9,540	745	1,916	2,865	5,526	6,327
2,049	14	33,354	7,860	2,854	3,602	14,316	1,235	2,958	4,716	8,910	9,422
2,050	14	2,294	464	322	79	864	409	1,062	1,038	2,509	648
2,051	14	19,264	4,406	1,797	1,847	8,051	740	1,819	2,478	5,037	5,442
2,052	14	14,250	3,308	1,275	1,452	6,035	586	1,415	2,047	4,047	4,026
2,053	14	1,521	271	228	12	510	314	805	750	1,869	430
2,054	14	12,192	2,822	1,100	1,228	5,150	449	1,279	1,585	3,313	3,444
2,055	14	7,960	1,839	723	795	3,357	299	820	1,027	2,147	2,249
2,056	14	969	177	140	15	332	266	690	751	1,707	274
2,057	14	35,097	7,118	4,291	1,777	13,186	2,282	10,029	2,101	14,412	9,915
2,058	14	9,926	742	1,275	1,467	3,483	725	1,338	1,140	3,203	2,804
2,059	14	9,026	760	1,177	1,217	3,153	597	1,394	867	2,858	2,550
2,060	14	19,287	4,695	2,025	1,125	7,845	2,591	2,112	1,257	5,960	5,449
2,061	14	36,716	9,858	3,222	2,863	15,942	5,124	1,966	2,771	9,861	10,372
2,062	14	20,479	5,428	1,845	1,542	8,815	2,716	1,230	1,510	5,456	5,785
2,063	14	16,090	3,252	1,774	1,253	6,279	1,596	2,880	1,635	6,112	4,546
2,064	14	27,475	5,775	2,664	2,790	11,230	2,494	1,944	3,271	7,709	7,762
2,065	14	9,149	1,453	129	2,632	4,215	385	176	1,844	2,405	2,585
2,066	14	2,256	360	45	622	1,027	105	72	439	616	637
2,067	14	14,802	3,661	1,178	1,593	6,432	822	671	2,464	3,956	4,181
2,068	14	6,811	1,410	436	1,124	2,970	270	378	1,176	1,824	1,924
2,069	14	8,681	1,793	568	1,409	3,771	337	661	1,486	2,484	2,453
2,070	14	4,174	856	302	629	1,787	162	404	671	1,237	1,179
2,071	14	7,151	1,477	468	1,161	3,106	277	538	1,223	2,038	2,020
2,072	14	4,978	1,025	334	792	2,152	195	460	841	1,496	1,406
2,073	14	3,038	600	309	287	1,195	229	312	392	933	858
2,074	14	24,150	5,098	1,641	3,753	10,492	1,066	623	4,671	6,361	6,822
2,075	14	4,995	1,409	336	459	2,205	356	709	297	1,362	1,411
2,076	14	5,379	1,097	697	151	1,944	745	723	218	1,686	1,519
2,077	14	12,208	4,074	321	1,636	6,030	936	1,303	876	3,114	3,449
2,078	14	5,681	1,784	238	670	2,692	462	621	381	1,465	1,605
2,079	14	22,311	6,113	1,121	2,999	10,233	837	3,681	1,844	6,362	6,303
2,080	14	5,026	756	464	763	1,983	815	1,095	212	2,122	1,420
2,081	14	5,701	865	541	829	2,234	514	907	196	1,616	1,611
2,082	14	2,125	378	319	14	711	339	379	78	795	600
2,083	14	3,024	430	226	593	1,249	209	220	90	519	854

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,084	14	43	8	6	0	14	2	17	2	20	12
2,085	14	2	0	0	0	1	0	1	0	1	1
2,086	14	3,179	490	319	417	1,227	356	673	121	1,150	898
2,087	14	5,038	840	640	326	1,807	631	747	172	1,551	1,423
2,088	14	6,199	978	669	699	2,346	689	1,159	226	2,074	1,751
2,089	14	2,861	430	262	441	1,133	210	356	91	657	808
2,090	14	3,937	646	477	314	1,437	639	1,336	183	2,158	1,112
2,091	14	4,891	761	504	610	1,875	623	992	189	1,804	1,382
2,092	14	1,642	251	159	231	640	95	264	53	412	464
2,093	14	1,247	203	147	109	459	146	194	43	382	352
2,094	14	2,610	403	263	341	1,007	221	364	85	670	737
2,095	14	6,916	1,229	1,040	47	2,315	1,059	1,319	254	2,632	1,954
2,131	8	14,104	1,703	1,306	678	3,686	1,374	1,156	1,410	3,940	3,984
2,132	8	6,841	1,250	958	497	2,706	675	833	891	2,399	1,933
2,133	8	12,973	1,689	1,290	668	3,647	1,543	1,410	1,581	4,534	3,665
2,134	8	4,922	617	472	245	1,333	494	414	505	1,413	1,391
2,135	8	11,622	1,310	1,008	524	2,843	1,274	1,041	1,248	3,563	3,283
2,141	8	22,989	378	735	588	1,700	5,800	1,520	1,360	8,681	6,494
2,142	8	63,721	1,118	2,835	2,421	6,374	5,282	4,222	3,604	13,109	18,001
2,143	8	4,822	583	1,271	1,048	2,902	671	1,496	619	2,786	1,362
2,144	8	13,649	2,166	4,244	3,398	9,809	2,591	7,770	2,029	12,391	3,856
2,145	8	669	364	454	303	1,121	1,902	827	195	2,924	189
2,146	8	50,458	786	994	843	2,623	11,854	3,425	2,658	17,937	14,255
2,147	8	26,070	411	610	623	1,643	2,635	780	1,206	4,621	7,365
2,148	8	4,838	3,710	4,320	3,239	11,269	417	4,635	696	5,749	1,367
2,149	8	9,401	6,811	8,026	6,134	20,971	3,308	8,767	1,407	13,483	2,656
2,150	8	8,419	2,002	2,144	2,244	6,390	915	2,695	837	4,447	2,378
2,151	8	25,376	647	701	831	2,179	4,348	499	1,315	6,162	7,169
2,152	8	17,828	585	641	870	2,095	1,785	583	972	3,340	5,036
2,153	8	2,315	809	856	762	2,427	252	929	239	1,420	654
2,154	8	28,687	559	593	549	1,700	2,187	1,171	1,282	4,640	8,104
2,155	8	2	45	46	28	119	0	10	1	11	1
2,156	8	6,137	1,471	1,584	1,759	4,814	661	1,889	754	3,304	1,734
2,157	8	8,100	1,208	1,323	1,767	4,298	790	2,363	934	4,087	2,288
2,158	8	3,609	1,729	1,821	1,512	5,062	351	2,168	469	2,988	1,020
2,159	8	8,147	2,153	2,306	2,415	6,874	460	4,792	849	6,101	2,302
2,160	8	8,921	3,048	3,232	2,965	9,245	391	4,055	793	5,240	2,520
2,161	8	4,912	1,619	1,717	1,566	4,902	264	4,438	577	5,279	1,388
2,162	8	5,879	5,136	5,370	3,927	14,433	348	9,648	920	10,917	1,661
2,163	8	736	1,583	1,652	1,170	4,404	124	2,301	224	2,649	208
2,164	8	1,811	1,587	1,659	1,209	4,454	102	5,166	385	5,652	512
2,165	8	3,506	1,121	1,470	614	3,205	195	2,136	374	2,706	990
2,166	8	10,402	3,454	4,436	1,912	9,802	549	3,755	965	5,269	2,939
2,167	8	3,691	944	1,242	516	2,702	170	2,161	363	2,695	1,043
2,168	8	8,565	3,022	3,872	1,675	8,569	472	3,722	839	5,032	2,420
2,169	8	42,419	1,524	1,897	2,405	5,827	3,714	3,314	2,362	9,390	11,983
2,170	8	25,638	573	659	657	1,888	2,250	1,861	1,406	5,517	7,243
2,171	8	10,772	748	990	1,452	3,189	339	888	663	1,889	3,043
2,172	8	11,373	852	1,131	1,673	3,656	478	1,625	903	3,006	3,213
2,173	8	6,344	687	1,278	1,535	3,500	421	1,220	548	2,189	1,792
2,174	8	3,109	202	490	677	1,369	161	349	220	731	878
2,201	6	60,422	12,430	7,580	4,225	24,235	3,372	9,302	559	13,233	17,069
2,202	6	23,684	4,144	3,716	1,486	9,346	1,738	5,463	188	7,390	6,691
2,203	6	43,815	6,035	7,465	3,662	17,162	2,964	7,861	1,217	12,041	12,378
2,204	6	10,188	1,952	1,515	595	4,062	677	2,058	330	3,065	2,878
2,205	6	16,158	3,125	2,222	1,121	6,468	763	1,802	604	3,169	4,565
2,206	6	36,764	6,512	5,648	2,388	14,548	2,498	7,168	1,279	10,945	10,386
2,207	6	35,088	7,478	3,919	2,707	14,103	3,755	3,030	740	7,524	9,912
2,208	6	46,502	9,975	5,011	3,727	18,713	4,795	3,359	1,015	9,169	13,137
2,209	6	32,117	6,908	3,407	2,615	12,931	3,345	2,235	726	6,307	9,073
2,210	6	12,310	2,316	1,485	1,109	4,910	443	727	952	2,122	3,478
2,211	6	9,834	1,850	1,192	880	3,922	356	591	754	1,701	2,778
2,212	6	13,681	1,758	769	2,663	5,190	2,590	823	107	3,520	3,865
2,213	6	16,624	2,948	2,349	1,335	6,632	1,417	185	1,290	2,892	4,696
2,214	6	6,847	1,218	995	516	2,728	566	615	491	1,672	1,934
2,215	6	13,279	2,374	2,024	880	5,279	1,140	2,542	811	4,493	3,751
2,216	6	12,609	2,726	1,823	554	5,102	673	1,618	1,160	3,451	3,562
2,217	6	10,511	2,251	1,552	442	4,245	607	1,787	905	3,299	2,969
2,218	6	20,673	4,089	2,964	1,236	8,288	1,047	2,013	1,260	4,320	5,840
2,219	6	20,392	3,459	2,412	2,193	8,065	577	1,401	1,591	3,569	5,761
2,220	6	17,209	2,918	2,029	1,860	6,807	456	1,174	1,350	2,979	4,862
2,221	6	36,541	6,060	3,816	4,505	14,381	3,226	2,014	1,574	6,814	10,323
2,222	6	9,766	1,619	1,016	1,210	3,844	873	556	423	1,852	2,759
2,223	6	21,257	3,522	2,200	2,645	8,367	1,879	1,179	925	3,984	6,005
2,224	6	25,688	6,015	635	3,607	10,258	623	730	2,827	4,180	7,257
2,225	6	36,493	9,285	5,695	143	15,123	2,265	2,168	2,266	6,699	10,309

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,226	6	12,425	3,145	1,948	51	5,144	787	756	757	2,299	3,510
2,227	6	46,403	8,420	6,220	3,735	18,374	3,902	8,102	1,878	13,882	13,109
2,228	6	36,744	6,876	4,254	3,518	14,647	1,199	1,657	3,358	6,215	10,380
2,229	6	22,380	4,042	2,582	2,265	8,889	1,019	510	2,233	3,762	6,322
2,230	6	27,377	212	1,088	8,523	9,824	787	1,807	2,124	4,719	7,734
2,231	6	25,143	184	990	7,846	9,019	719	1,646	1,956	4,320	7,103
2,232	6	19,661	3,453	2,561	1,788	7,802	1,494	1,092	961	3,547	5,554
2,233	6	16,670	3,473	2,448	760	6,681	1,568	1,280	922	3,770	4,709
2,234	6	77,864	13,062	8,276	9,260	30,597	6,613	6,284	3,362	16,259	21,997
2,235	6	64,897	13,956	9,536	8,846	32,338	4,692	5,787	4,365	14,844	18,333
2,236	6	26,791	6,334	2,846	1,697	10,877	1,727	1,985	1,515	5,228	7,568
2,237	6	30,861	7,398	3,108	2,050	12,556	1,814	1,967	1,898	5,679	8,718
2,238	6	29,332	3,388	4,901	3,093	11,382	1,502	2,815	1,484	5,801	8,286
2,239	6	37,360	6,239	4,324	4,160	14,724	2,109	1,145	3,279	6,532	10,554
2,240	6	20,495	3,423	2,373	2,281	8,077	1,130	745	1,798	3,674	5,790
2,241	6	13,746	1,174	2,271	1,781	5,226	1,124	891	967	2,982	3,883
2,242	6	6,773	1,410	493	799	2,701	467	152	554	1,174	1,913
2,243	6	6,560	1,342	593	675	2,610	479	784	459	1,723	1,853
2,244	6	6,042	1,257	440	712	2,410	414	130	495	1,038	1,707
2,245	6	15,576	1,754	2,043	2,217	6,013	423	655	1,512	2,590	4,400
2,246	6	12,587	2,173	1,441	1,352	4,966	847	469	1,068	2,384	3,556
2,247	6	19,842	3,429	2,300	2,099	7,828	1,475	770	1,652	3,898	5,605
2,248	6	11,306	1,937	1,194	1,333	4,464	585	236	1,067	1,888	3,194
2,249	6	12,246	2,128	1,500	1,201	4,828	1,083	594	933	2,610	3,459
2,250	6	15,085	2,319	1,730	1,826	5,875	1,286	2,139	990	4,415	4,262
2,251	6	8,595	1,376	1,127	848	3,351	872	1,592	446	2,909	2,428
2,252	6	19,586	13,486	13,003	2,825	29,314	11,223	7,872	487	19,582	5,533
2,253	6	14,285	5,911	5,201	1,992	13,104	4,415	2,200	431	7,046	4,035
2,254	6	11,404	4,339	3,750	1,564	9,653	3,302	1,530	293	5,125	3,222
2,255	6	13,808	2,018	1,908	1,426	5,352	2,454	902	173	3,529	3,901
2,256	6	10,194	1,565	1,518	877	3,960	1,449	2,353	103	3,905	2,880
2,257	6	11,933	7,037	6,532	1,826	15,394	6,346	3,433	720	10,499	3,371
2,258	6	27,624	3,734	7,115	6,341	17,190	4,211	4,310	1,274	9,796	7,804
2,259	6	24,212	498	3,241	5,188	8,927	1,796	1,445	1,130	4,372	6,840
2,260	6	14,640	2,451	1,495	1,785	5,731	953	832	1,290	3,075	4,136
2,261	6	16,063	3,353	2,516	590	6,459	1,690	1,830	965	4,486	4,538
2,262	6	41,548	7,188	4,435	4,794	16,417	3,432	1,581	2,579	7,592	11,737
2,263	6	15,959	6,000	466	327	6,793	1,102	895	980	2,977	4,508
2,264	6	18,828	7,189	456	389	8,033	1,237	991	1,191	3,419	5,319
2,265	6	6,006	2,281	156	124	2,561	398	328	376	1,103	1,697
2,266	6	16,586	635	3,908	1,750	6,293	1,548	1,085	958	3,591	4,686
2,267	6	28,802	6,063	4,185	1,406	11,654	1,743	688	2,823	5,254	8,137
2,268	6	18,139	3,852	2,572	930	7,355	883	211	1,906	3,001	5,124
2,269	6	29,194	4,823	4,684	2,117	11,624	1,450	805	2,691	4,946	8,247
2,270	6	17,050	2,673	2,445	1,574	6,692	3,065	1,128	166	4,359	4,817
2,271	6	13,899	2,023	1,890	1,546	5,458	761	456	1,168	2,385	3,926
2,272	6	16,283	2,369	2,214	1,810	6,394	892	536	1,368	2,796	4,600
2,273	6	7,984	1,193	1,131	811	3,135	568	378	604	1,550	2,256
2,274	6	12,824	2,341	2,210	486	5,037	2,060	4,933	467	7,461	3,623
2,275	6	19,347	3,461	2,382	1,790	7,633	888	2,271	174	3,334	5,465
2,276	6	3,381	609	468	255	1,332	179	1,022	92	1,293	955
2,277	6	39,985	13,470	2,487	868	16,825	843	6,743	337	7,923	11,296
2,278	6	17,352	4,380	2,339	307	7,026	2,041	3,697	81	5,820	4,902
2,279	6	4,919	945	917	73	1,935	885	2,540	72	3,496	1,390
2,280	6	6,303	1,600	842	112	2,553	650	1,923	51	2,625	1,781
2,281	6	14,690	1,998	1,230	2,448	5,676	80	2,475	254	2,808	4,150
2,282	6	13,676	1,873	1,174	2,239	5,286	89	2,287	230	2,606	3,864
2,283	6	11,669	3,588	429	814	4,832	109	1,943	200	2,252	3,296
2,284	6	15,659	4,826	562	1,098	6,486	126	2,606	271	3,003	4,424
2,285	6	14,786	3,298	1,396	1,264	5,958	683	481	1,442	2,605	4,177
2,286	6	7,485	1,682	674	663	3,019	280	197	761	1,239	2,114
2,287	6	11,313	2,427	999	1,111	4,537	85	1,819	253	2,158	3,196
2,288	6	6,978	1,500	607	692	2,799	48	1,124	158	1,330	1,971
2,289	6	11,317	2,157	1,372	986	4,516	572	756	707	2,035	3,197
2,290	6	21,633	5,955	331	2,501	8,787	881	1,182	1,700	3,763	6,111
2,291	6	13,804	2,370	1,392	1,683	5,444	602	618	1,142	2,362	3,900
2,292	6	11,167	1,921	1,159	1,323	4,403	493	530	894	1,918	3,155
2,293	6	15,570	3,038	2,014	1,193	6,244	324	2,119	474	2,917	4,399
2,401	6	30,855	4,234	2,255	5,850	12,339	737	1,124	2,536	4,397	8,716
2,402	6	9,386	1,666	1,127	970	3,762	645	1,093	847	2,585	2,651
2,403	6	18,552	2,235	3,295	1,709	7,238	801	2,799	370	3,971	5,241
2,404	6	27,622	2,727	3,367	4,563	10,658	517	1,353	2,228	4,099	7,803
2,405	6	12,743	2,017	1,583	1,417	5,017	1,123	1,926	4,257	7,306	3,600
2,406	6	16,919	2,918	2,280	2,076	7,275	405	682	1,505	2,592	4,780
2,407	6	18,028	4,252	328	3,458	8,038	587	614	1,710	2,912	5,093
2,408	6	13,292	3,037	237	2,468	5,743	642	672	1,900	3,215	3,755

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,409	6	21,267	1,932	2,303	3,985	8,221	3,066	3,879	3,435	10,381	6,008
2,410	6	21,290	2,434	4,549	1,494	8,477	925	1,833	2,639	5,396	6,014
2,411	6	26,488	3,307	3,862	3,297	10,465	461	1,466	761	2,688	7,483
2,412	6	12,400	1,041	2,225	1,920	5,186	480	1,847	1,166	3,493	3,503
2,413	6	10,538	862	1,899	1,683	4,444	1,382	5,674	3,723	10,778	2,977
2,414	6	18,891	3,449	3,405	1,203	8,057	1,381	3,122	5,984	10,487	5,337
2,415	6	15,497	2,906	2,870	1,009	6,785	2,018	4,624	8,894	15,537	4,378
2,416	6	11,854	243	1,881	2,590	4,715	1,450	2,811	1,950	6,212	3,349
2,417	6	7,279	167	1,082	1,447	2,696	2,055	4,009	2,790	8,854	2,056
2,418	6	14,685	767	1,741	3,328	5,836	599	867	1,473	2,939	4,149
2,419	6	7,257	382	880	1,706	2,968	519	742	1,317	2,579	2,050
2,420	6	10,834	1,016	1,603	1,487	4,106	341	1,410	831	2,582	3,060
2,421	6	10,028	919	1,464	1,384	3,767	235	960	578	1,772	2,833
2,422	6	15,110	532	2,718	2,507	5,757	956	1,191	750	2,897	4,269
2,423	6	18,375	3,760	1,947	1,938	7,645	763	1,398	1,422	3,583	5,191
2,424	6	7,941	1,588	824	818	3,230	314	568	581	1,463	2,243
2,425	6	20,079	1,880	2,011	3,855	7,746	1,328	1,967	1,741	5,037	5,672
2,426	6	8,776	1,394	680	1,339	3,412	931	1,124	1,066	3,122	2,479
2,427	6	3,295	505	226	518	1,249	560	714	774	2,048	931
2,428	6	11,890	2,452	694	1,772	4,919	1,881	3,472	2,612	7,965	3,359
2,429	6	17,830	3,831	736	3,060	7,627	1,158	2,537	1,867	5,563	5,037
2,430	6	12,384	440	581	3,457	4,478	673	713	721	2,108	3,499
2,431	6	6,922	256	335	1,908	2,499	678	714	729	2,120	1,955
2,432	6	20,539	3,657	565	3,631	7,853	1,006	1,335	3,272	5,612	5,802
2,433	6	9,162	274	2,162	1,160	3,595	3,837	5,260	9,891	18,987	2,588
2,434	6	3,931	125	889	470	1,484	769	1,053	1,958	3,779	1,110
2,435	6	6,300	411	918	1,124	2,453	3,201	3,273	4,463	10,937	1,780
2,436	6	25,595	5,421	1,261	3,647	10,328	4,502	2,735	3,631	10,867	7,231
2,437	6	16,861	3,225	1,072	2,725	7,023	858	1,749	2,804	5,411	4,763
2,438	6	9,258	1,738	611	1,433	3,782	601	1,126	1,767	3,495	2,615
2,501	6	7,226	877	998	731	2,607	223	612	68	903	2,041
2,502	6	5,662	668	761	564	1,993	171	482	54	708	1,600
2,503	6	11,318	925	1,575	1,563	4,063	176	767	386	1,329	3,197
2,504	6	138	8	27	18	53	2	43	15	60	39
2,505	6	10,945	1,931	1,619	705	4,255	1,222	3,685	77	4,983	3,092
2,506	6	20,939	3,825	3,492	1,011	8,328	6,101	23,875	875	30,850	5,915
2,507	6	12,354	2,268	2,213	407	4,888	5,247	20,570	822	26,639	3,490
2,508	6	15,173	2,062	1,762	2,442	6,266	1,319	2,080	1,164	4,564	4,286
2,509	6	6,070	891	851	550	2,291	790	2,202	458	3,450	1,715
2,510	6	9,699	1,497	1,170	1,145	3,811	1,027	1,242	421	2,690	2,740
2,511	6	8,557	1,331	1,016	1,080	3,427	1,094	1,381	527	3,002	2,417
2,512	6	10,164	1,507	1,142	1,244	3,894	776	952	366	2,094	2,871
2,513	6	24,880	3,738	2,924	2,853	9,515	2,554	2,971	1,036	6,562	7,029
2,514	6	10,507	1,829	1,961	276	4,066	2,672	3,101	1,410	7,184	2,968
2,515	6	10,363	1,941	2,072	262	4,275	2,541	3,668	1,179	7,389	2,928
2,516	6	6,727	398	1,164	795	2,357	408	2,669	121	3,198	1,900
2,517	6	3,377	315	623	323	1,261	414	2,816	126	3,356	954
2,518	6	4,432	530	830	321	1,681	592	3,462	141	4,194	1,252
2,519	6	5,123	521	926	429	1,876	464	2,911	100	3,476	1,447
2,520	6	13,665	940	2,287	1,541	4,768	167	969	161	1,297	3,860
2,521	6	14,278	985	2,343	1,554	4,883	360	2,246	365	2,971	4,034
2,522	6	21,409	1,823	3,293	2,601	7,717	385	1,331	474	2,190	6,048
2,523	6	18,237	1,510	2,728	2,155	6,393	482	1,616	606	2,704	5,152
2,524	6	13,924	910	2,404	1,792	5,106	723	1,154	171	2,048	3,934
2,525	6	8,983	605	1,651	1,255	3,511	922	1,337	227	2,486	2,538
2,526	6	4,372	305	938	400	1,642	595	919	148	1,662	1,235
2,527	6	24,321	619	5,160	2,793	8,572	1,076	2,146	379	3,601	6,871
2,528	6	15,516	1,591	2,486	1,952	6,030	136	1,438	197	1,771	4,383
2,529	6	24,080	2,500	3,809	2,850	9,159	458	2,560	325	3,343	6,802
2,530	6	15,196	97	3,313	1,964	5,374	4,118	763	135	5,016	4,293
2,531	6	8,546	289	2,388	499	3,176	589	773	15	1,377	2,414
2,601	6	12,357	1,962	965	1,862	4,790	1,377	1,153	591	3,121	3,491
2,602	6	11,460	1,854	1,052	1,542	4,448	1,394	1,212	483	3,089	3,237
2,603	6	9,788	1,607	1,003	1,193	3,803	1,267	1,118	369	2,754	2,765
2,604	6	14,902	2,371	1,183	2,223	5,777	1,671	1,251	705	3,627	4,210
2,605	6	22,702	3,593	1,716	3,488	8,797	2,485	1,951	1,110	5,546	6,413
2,606	6	9,589	2,208	601	1,026	3,834	585	493	1,020	2,098	2,709
2,607	6	16,322	3,573	1,548	1,374	6,495	1,584	1,387	1,310	4,281	4,611
2,608	6	13,222	3,013	917	1,351	5,281	869	703	1,334	2,907	3,735
2,609	6	10,894	1,411	668	2,053	4,132	689	1,021	922	2,632	3,077
2,610	6	7,651	967	412	1,518	2,896	456	829	685	1,970	2,161
2,611	6	8,773	1,085	413	1,817	3,316	503	745	823	2,071	2,478
2,612	6	3,321	419	177	661	1,257	203	393	298	895	938
2,613	6	8,305	1,540	1,030	717	3,287	461	1,476	272	2,210	2,346
2,614	6	5,302	984	606	511	2,101	170	879	195	1,244	1,498
2,615	6	14,715	2,731	1,693	1,406	5,831	475	2,522	535	3,532	4,157

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,616	6	6,990	1,296	862	608	2,766	368	1,253	227	1,848	1,975
2,617	6	35,696	6,669	2,309	5,021	13,999	936	5,279	2,022	8,237	10,084
2,618	6	14,760	2,757	1,003	2,029	5,788	442	2,233	810	3,485	4,170
2,619	6	2,693	503	171	382	1,057	65	390	153	608	761
2,620	6	37,993	8,572	6,019	802	15,393	1,699	13,415	2,290	17,404	10,733
2,701	10	15,107	2,042	3,274	1,141	6,457	1,080	2,715	2,540	6,335	4,268
2,702	10	8,959	1,212	1,942	675	3,830	640	1,610	1,503	3,752	2,531
2,703	10	13,789	463	3,298	1,579	5,340	420	6,346	910	7,676	3,895
2,704	10	12,378	353	2,965	1,451	4,770	288	4,179	629	5,095	3,497
2,705	10	26,313	1,656	2,308	5,703	9,666	919	11,681	1,142	13,742	7,433
2,706	10	21,568	717	1,403	5,451	7,572	614	7,755	979	9,348	6,093
2,707	10	35,614	4,910	9,760	988	15,658	1,262	8,988	6,961	17,211	10,061
2,708	10	32,176	4,114	8,974	978	14,066	760	6,012	5,228	12,000	9,090
2,709	10	21,864	220	7,309	1,167	8,696	1,326	7,010	934	9,270	6,177
2,710	10	7,180	105	2,385	376	2,865	436	2,251	294	2,981	2,028
2,711	10	12,177	103	4,080	655	4,838	737	3,896	521	5,154	3,440
2,712	10	25,616	4,149	5,155	1,822	11,126	1,884	5,389	3,273	10,546	7,237
2,713	10	14,526	2,420	2,943	973	6,336	1,038	2,864	1,671	5,572	4,104
2,714	10	10,568	1,562	2,084	886	4,532	712	2,170	1,552	4,434	2,986
2,715	10	7,210	1,407	1,481	363	3,251	195	2,276	627	3,098	2,037
2,716	10	11,329	2,242	2,340	536	5,118	359	3,620	926	4,905	3,201
2,717	10	18,417	340	5,008	1,792	7,140	470	6,354	1,157	7,980	5,203
2,718	10	12,835	80	3,524	1,317	4,921	275	4,380	849	5,504	3,626
2,719	10	10,258	64	2,816	1,053	3,933	221	3,516	679	4,416	2,898
2,720	10	8,074	53	2,213	829	3,096	104	2,893	478	3,475	2,281
2,721	10	9,927	52	2,724	1,026	3,802	126	3,579	591	4,296	2,804
2,722	10	6,055	86	1,650	602	2,338	101	2,143	347	2,591	1,710
2,723	10	15,380	4,020	1,382	1,606	7,008	98	6,137	445	6,680	4,345
2,724	10	20,194	177	4,503	2,866	7,545	1,426	4,732	2,375	8,533	5,705
2,725	10	10,493	2,381	1,357	974	4,712	758	2,412	1,248	4,418	2,964
2,726	10	8,310	1,885	1,074	772	3,731	600	1,911	989	3,501	2,348
2,727	10	3,898	884	505	361	1,750	281	899	463	1,643	1,101
2,728	10	5,231	1,187	676	486	2,349	378	1,202	623	2,203	1,478
2,729	10	11,392	1,411	1,722	1,515	4,648	1,366	2,259	1,120	4,744	3,218
2,730	10	5,212	601	761	743	2,105	659	936	549	2,144	1,472
2,731	10	7,821	902	1,141	1,116	3,160	989	1,408	824	3,221	2,210
2,732	10	4,022	465	587	573	1,625	508	725	423	1,656	1,136
2,733	10	2,744	317	400	391	1,108	347	494	289	1,130	775
2,734	10	10,457	527	2,267	1,286	4,080	108	2,749	1,295	4,152	2,954
2,735	10	9,635	420	2,087	1,227	3,733	101	2,720	1,347	4,168	2,722
2,736	10	9,015	99	2,194	1,123	3,416	516	2,853	407	3,776	2,547
2,737	10	10,212	80	2,488	1,290	3,858	530	2,965	423	3,917	2,885
2,738	10	9,213	96	2,243	1,150	3,489	480	2,663	380	3,523	2,603
2,739	10	14,994	172	3,648	1,864	5,684	861	4,791	679	6,332	4,236
2,740	10	8,654	96	2,106	1,078	3,280	417	2,324	329	3,070	2,445
2,741	10	17,832	1,079	5,061	1,158	7,297	594	4,546	2,413	7,553	5,038
2,742	10	14,691	909	4,162	946	6,018	497	3,775	1,999	6,271	4,150
2,743	10	12,906	783	3,661	837	5,281	436	3,337	1,768	5,540	3,646
2,744	10	15,500	1,414	2,538	2,204	6,156	458	4,341	1,837	6,636	4,379
2,745	10	6,839	640	1,126	957	2,723	208	1,907	798	2,913	1,932
2,746	10	11,608	1,065	1,903	1,644	4,613	343	3,237	1,371	4,951	3,279
2,747	10	12,863	2,512	1,677	1,411	5,599	397	3,481	1,656	5,534	3,634
2,748	10	14,218	362	4,562	788	5,712	125	5,544	530	6,199	4,017
2,749	10	5,703	633	1,526	278	2,437	121	2,067	266	2,454	1,611
2,750	10	9,018	1,090	2,384	406	3,880	239	3,304	390	3,933	2,548
2,751	10	5,864	690	1,556	271	2,517	142	2,140	260	2,543	1,657
2,752	10	10,182	1,250	2,029	979	4,258	318	2,759	1,251	4,328	2,876
2,753	10	10,932	1,498	2,211	925	4,634	424	3,001	1,183	4,608	3,088
2,754	10	7,743	934	1,539	758	3,231	230	2,114	968	3,312	2,187
2,755	10	8,403	2,129	1,465	356	3,950	423	2,229	910	3,562	2,374
2,756	10	11,023	2,793	1,925	464	5,182	554	2,959	1,188	4,700	3,114
2,757	10	8,166	2,069	1,424	345	3,839	411	2,176	884	3,471	2,307
2,758	10	9,346	2,089	210	1,667	3,966	232	3,203	695	4,130	2,640
2,759	10	8,163	1,815	84	1,544	3,443	185	2,686	643	3,514	2,306
2,760	10	11,010	2,410	1,806	763	4,979	545	2,161	1,972	4,678	3,110
2,761	10	7,425	1,633	1,238	491	3,363	398	1,428	1,270	3,096	2,097
2,762	10	5,013	148	1,305	506	1,958	98	707	1,338	2,143	1,416
2,763	10	7,144	205	1,860	724	2,789	139	1,008	1,913	3,060	2,018
2,764	10	9,884	283	2,573	1,002	3,858	192	1,394	2,646	4,232	2,792
2,765	10	2,456	72	639	248	959	48	348	656	1,052	694
2,766	10	2,806	81	731	284	1,096	55	395	751	1,200	793
2,767	10	1,259	39	327	126	492	25	179	333	536	356
2,768	10	6,031	836	1,009	674	2,520	350	1,342	906	2,598	1,704
2,769	10	5,189	631	819	674	2,123	271	1,023	906	2,200	1,466
2,770	10	4,784	615	773	585	1,973	243	1,036	787	2,067	1,351
2,771	10	7,286	947	1,183	880	3,009	396	1,575	1,184	3,154	2,058

TAZ_1810	Cluster	Pop_26	RW_Off_ 26	RW_IND_ 26	RW_OTH_ 26	RW_Total_ 26	Emp_OFF_ 26	Emp_IND_ 26	Emp_OTH_ 26	Total Emp_26	Res. Stud._26
2,772	10	15,009	963	2,496	2,331	5,791	549	4,085	1,771	6,406	4,240
2,773	10	11,089	715	1,846	1,720	4,280	405	3,022	1,307	4,734	3,133
2,774	10	12,357	1,833	1,984	1,384	5,201	315	3,982	992	5,289	3,491
2,851	19	514	312	349	278	940	260	193	469	922	145
2,852	19	474	288	321	257	866	240	170	433	843	134
2,853	19	1,363	1,432	539	624	2,595	675	318	1,451	2,444	385
2,854	19	1,227	1,293	505	562	2,359	607	588	1,306	2,501	347
2,855	19	726	268	161	656	1,085	295	321	691	1,307	205
2,861	9	13,471	2,583	1,671	455	4,708	1,345	811	3,142	5,298	3,805
2,862	9	11,404	2,119	1,398	368	3,885	1,120	812	2,557	4,489	3,222
2,863	9	4,786	756	552	120	1,428	435	419	862	1,716	1,352
2,864	9	10,004	1,828	1,218	315	3,361	943	657	2,189	3,789	2,826
2,865	9	12,730	2,404	1,570	421	4,395	1,269	762	2,910	4,941	3,596
2,871	18	6,382	665	1,021	1,109	2,795	917	2,591	583	4,091	1,803
2,872	18	5,059	558	407	859	1,824	366	670	168	1,204	1,429
2,873	18	2,453	424	284	391	1,099	645	1,287	287	2,220	693
2,874	18	7,757	803	1,261	1,236	3,300	750	2,025	266	3,040	2,191
2,875	18	7,358	511	1,075	1,211	2,797	747	1,789	292	2,828	2,078
2,876	18	5,545	369	803	915	2,087	344	874	131	1,349	1,567
2,877	18	10,319	2,137	1,469	749	4,356	830	1,818	519	3,167	2,915
2,878	18	8,333	877	784	1,331	2,992	432	814	358	1,605	2,354
2,879	18	11,032	1,179	1,048	1,760	3,988	576	923	474	1,973	3,117
2,880	18	13,404	1,545	1,335	2,121	5,001	822	1,534	645	3,002	3,787
2,891	18	4,876	658	332	839	1,829	338	449	563	1,350	1,377
2,892	18	3,271	733	353	338	1,424	353	278	389	1,020	924
2,893	18	7,039	1,062	494	1,044	2,600	1,818	905	242	2,966	1,988
2,894	18	5,796	769	344	876	1,989	1,462	712	203	2,377	1,637
2,895	18	3,985	195	126	1,010	1,330	399	333	414	1,145	1,126
2,896	18	8,315	260	177	2,140	2,577	771	673	878	2,322	2,349
2,901	18	1,865	67	49	509	625	14	308	539	861	527
2,902	18	1,276	51	36	347	435	11	210	367	588	361
2,911	12	12,960	2,589	510	847	3,947	1,359	1,111	729	3,200	3,661
2,912	12	6,490	1,312	226	441	1,979	684	545	374	1,603	1,833
2,913	12	14,086	1,287	994	530	2,811	503	1,626	904	3,033	3,979
2,914	12	7,585	1,493	903	575	2,971	388	1,049	387	1,824	2,143
2,915	9	18,385	2,148	1,875	1,163	5,186	1,671	3,233	914	5,818	5,194
2,916	9	15,706	2,184	1,653	1,400	5,238	1,569	1,868	878	4,315	4,437
2,917	9	13,213	2,055	1,542	1,329	4,926	1,222	2,056	804	4,083	3,733
2,918	9	4,064	1,567	1,483	748	3,798	1,305	745	385	2,436	1,148
2,919	9	8,445	2,099	1,823	1,143	5,065	1,673	1,079	680	3,432	2,386
2,920	9	19,977	2,996	2,234	1,951	7,180	1,994	2,625	1,251	5,870	5,644
2,921	9	8,513	1,727	1,326	1,091	4,144	1,035	1,011	629	2,675	2,405
2,922	12	13,650	129	307	3,349	3,786	619	1,521	1,837	3,977	3,856
2,923	12	3,583	50	93	740	883	140	401	417	958	1,012
2,924	12	6,435	67	160	1,760	1,988	329	785	953	2,067	1,818
2,925	12	3,926	66	107	657	831	143	521	388	1,052	1,109
2,926	12	45,252	10,559	5,026	4,008	19,592	2,096	6,340	4,352	12,789	12,784
2,927	12	16,188	3,919	2,054	1,379	7,352	802	4,797	1,596	7,195	4,573
2,928	12	13,133	1,035	1,725	1,507	4,267	307	515	1,699	2,521	3,710
2,929	12	7,070	1,406	814	663	2,883	238	1,128	520	1,886	1,997
2,930	13	8,685	1,807	821	779	3,407	2,692	1,110	840	4,642	2,453
2,931	12	17,641	4,569	3,311	1,591	9,471	5,024	3,639	1,388	10,051	4,984
2,932	12	21,505	3,750	2,274	1,680	7,704	655	3,497	1,375	5,527	6,075
2,933	13	1,431	580	98	71	749	1,369	902	432	2,703	404
2,934	12	3,016	558	338	250	1,146	105	575	207	887	852
2,935	13	7,922	650	597	1,293	2,540	783	1,858	1,191	3,832	2,238
2,936	12	8,965	429	799	1,255	2,482	336	1,296	694	2,326	2,533
2,937	12	22,477	1,017	2,003	3,418	6,438	904	3,178	1,913	5,996	6,350
2,938	12	4,641	230	424	657	1,311	243	785	477	1,505	1,311
2,939	12	7,374	280	1,028	934	2,242	249	655	850	1,754	2,083
2,940	12	10,252	465	1,330	1,055	2,851	329	1,743	1,122	3,194	2,896
2,941	9	6,355	1,100	740	81	1,920	366	387	487	1,240	1,795
2,942	9	17,111	3,255	2,262	2,261	7,777	1,842	2,270	1,415	5,527	4,834
2,943	13	26,188	3,715	3,074	2,846	9,635	2,410	1,306	2,416	6,132	7,398
2,944	13	23,888	3,268	2,698	2,497	8,463	3,886	1,497	3,232	8,615	6,748
2,945	13	1,233	359	80	60	500	898	381	353	1,632	348
2,946	12	8,122	1,507	1,303	875	3,686	291	773	684	1,749	2,294
2,947	12	3,146	776	713	361	1,850	195	371	319	885	889
2,948	12	13,235	2,548	2,239	1,404	6,192	575	1,445	1,249	3,269	3,739
2,949	12	4,450	643	535	417	1,595	113	655	618	1,385	1,257
2,991	10	9,862	1,272	2,091	801	4,164	1,468	5,692	1,663	8,823	2,786
2,992	10	13,755	1,878	3,037	1,137	6,053	1,499	6,039	1,693	9,231	3,886
2,993	10	18,176	2,673	4,842	2,074	9,590	2,383	10,577	3,080	16,040	5,135
2,994	10	11,898	2,263	2,499	352	5,114	1,291	4,144	535	5,970	3,361
2,995	10	19,667	2,815	4,281	1,467	8,563	1,823	6,424	1,740	9,987	5,556
2,996	10	6,187	519	1,124	565	2,208	658	2,552	839	4,048	1,748
2,997	10	23,395	2,831	4,738	1,855	9,424	2,303	8,565	2,431	13,299	6,609
2,998	10	16,826	1,911	4,056	1,655	7,622	1,489	9,347	1,549	12,384	4,753
2,999	10	28,078	2,925	7,524	3,487	13,936	2,712	15,560	3,020	21,292	7,932
3,000	10	11,716	1,480	2,612	898	4,990	963	6,863	892	8,717	3,310
3,001	10	884	144	177	32	353	64	343	28	436	250
3,002	10	4,112	444	794	277	1,514	293	1,934	262	2,488	1,162
3,003	10	40,576	4,325	10,402	4,631	19,359	4,647	28,160	5,166	37,973	11,463
3,004	10	21,280	2,191	5,303	2,370	9,865	2,074	12,478	2,300	16,852	6,012
3,005	10	2,907	442	628	175	1,244	264	1,385	429	2,078	821
3,006	10	7,917	1,523	1,752	273	3,548	989	4,156	1,503	6,648	2,237
3,007	10	10,238	1,737	2,266	525	4,528	752	3,681	1,036	5,469	2,892
3,008	10	10,106	1,516	2,120	573	4,210	836	4,375	1,486	6,697	2,855
3,009	10	9,404	1,634	2,000	389	4,023	817	3,634	1,061	5,512	2,657
3,010	10	420	79	88	12	179	20	325	29	374	119
3,011	10	6,884	1,162	1,528	361	3,051	475	2,318	820	3,612	1,945
3,012	10	6,265	1,071	1,545	442	3,058	434	2,511	910	3,855	1,770
3,013	10	7,781	1,213	1,503	303	3,018	570	2,604	746	3,921	2,198
3,014	10	5,643	962	1,159	214	2,335	295	1,866	474	2,634	1,594
3,015	10	2,889	478	651	167	1,296	244	1,308	409	1,961	816
3,016	10	1,994	482	447	-	928	182	960	9	1,151	563
3,017	10	3,055	499	626	131	1,255	172	1,003	304	1,479	863
3,018	10	1,205	261	261	15	537	180	847	39	1,066	340
3,019	10	2,727	450	661	195	1,306	222	1,355	478	2,055	770
3,020	10	2,453	391	515	123	1,029	222	1,145	301	1,668	693
3,021	10	1,162	157	223	62	442	80	429	153	663	328
3,022	10	28,902	3,908	5,565	1,557	11,031	2,056	10,923	3,809	16,787	8,165
3,023	10	8,285	1,616	1,733	188	3,538	620	2,311	402	3,332	2,341
3,024	10	15,305	2,510	3,582	1,006	7,098	1,011	5,663	1,826	8,500	4,324
3,025	10	25,473	4,118	5,614	1,440	11,172	2,251	12,971	4,120	19,342	7,196
3,026	10	14,416	1,580	1,383	2,538	5,501	786	7,299	1,496	9,581	4,072
3,027	10	7,240	982	882	872	2,736	333	4,545	545	5,423	2,045
3,071	6	57,893	2,184	9,902	9,315	21,401	6,739	10,433	377	17,549	16,355
3,072	6	15,480	1,070	2,568	1,819	5,457	1,454	4,998	72	6,524	4,373
3,073	6	7,464	876	1,395	639	2,911	644	4,972	24	5,640	2,109
3,074	6	6,531	261	1,276	1,225	2,762	860	1,003	50	1,913	1,845
3,075	6	4,434	556	570	679	1,805	670	566	10	1,246	1,253
3,076	6	7,638	1,190	1,240	601	3,031	1,092	2,656	8	3,757	2,158
3,077	6	6,457	806	822	1,246	2,873	1,104	757	18	1,879	1,824
3,078	6	8,738	1,024	1,048	1,435	3,507	1,293	958	21	2,273	2,469
3,079	6	5,363	733	757	663	2,153	843	873	9	1,726	1,515
3,080	6	940	536	559	209	1,303	153	1,379	3	1,534	266
3,081	6	9,592	1,486	1,546	831	3,863	1,483	2,171	11	3,665	2,710
3,082	6	8,486	1,370	1,433	387	3,190	2,091	1,967	4	4,063	2,397
3,083	6	3,539	573	598	255	1,426	1,121	1,132	3	2,256	1,000
3,084	6	13,602	2,240	2,346	574	5,160	3,505	2,663	6	6,173	3,843
3,085	6	16,036	3,082	2,778	612	6,472	3,944	3,288	199	7,430	4,530
3,101	15	8,199	2,137	1,711	774	4,621	3,298	5,504	605	9,407	2,316
3,102	15	17,111	2,959	1,871	1,377	6,206	2,208	3,151	920	6,279	4,834
3,103	15	3,636	660	414	309	1,383	361	1,053	207	1,621	1,027
3,104	15	908	249	150	120	519	83	171	59	313	256
3,105	15	5,649	1,355	889	611	2,856	1,678	545	314	2,537	1,596
3,106	15	13,323	2,800	1,864	1,246	5,910	3,180	4,069	756	8,006	3,764
3,107	15	7,194	1,497	892	730	3,120	1,054	777	370	2,200	2,032
3,108	15	26,013	1,220	1,763	1,863	4,847	4,609	5,538	1,431	11,578	7,349
3,109	15	4,112	199	280	266	744	397	925	217	1,538	1,162
3,121	9	3,007	514	350	87	951	224	157	412	793	849
3,122	17	1,25,534	9,793	28,097	12,121	50,011	1,651	26,115	13,906	41,672	35,463
3,123	16	31,645	2,864	5,118	3,759	11,740	1,647	18,904	17,222	37,773	8,940
3,124	17	83,095	6,533	3,053	17,947	27,533	2,573	16,650	6,551	25,774	23,474
3,125	17	46,939	9,810	3,923	3,237	16,970	1,457	11,236	6,457	19,150	13,260
3,126	18	18,288	858	3,499	2,894	7,250	4,526	4,561	126	9,213	5,166
3,127	18	25,591	1,873	3,303	3,996	9,172	211	587	4,068	4,866	7,229
3,128	18	28,273	2,964	3,976	4,067	11,007	2,054	3,486	2,934	8,474	7,987
3,129	18	24,313	2,174	3,153	3,410	8,736	1,573	2,497	2,476	6,546	6,868
3,130	18	275	112	66	40	218	65	61	11	137	78
3,131	18	195	222	129	-	350	467	753	-	1,220	55
3,132	18	39,392	6,410	6,119	2,808	15,337	5,856	6,814	1,938	14,607	11,128
3,133	18	22	24	14	-	39	14	18	-	32	6
3,134	19	1,37,928	16,389	15,063	15,898	47,350	9,680	13,708	17,297	40,685	38,965
3,135	18	3,988	1,295	911	462	2,668	523	865	196	1,583	1,127
3,136	18	7,103	1,000	900	923	2,823	447	1,087	708	2,242	2,006
3,137	18	57,951	6,619	6,155	6,685	19,458	3,052	435	8,778	12,265	16,371

Annexure 7-7

Planning parameters for 2031: MMR Area (CTSU Scenario)

ANNEXURE 7-7: PLANNING PARAMETERS FOR 2031: MMR AREA (CTSU SCENARIO)

Table 1: Planning Parameters 2031 (CTSU Scenario)

TAZ_1810	Cluster	Pop_31	RW_Off_ 31	RW_IND_ 31	RW_OTH_ 31	RW_Total_ 31	Emp_OFF_ 31	Emp_IND_ 31	Emp_OTH_ 31	Total Emp_31	Res. Stud._31
1	1	1,255	341	19	282	642	420	63	359	842	355
2	1	8,423	2,413	346	1,708	4,467	4,921	339	1,202	6,462	2,380
3	1	21,362	5,504	795	3,799	10,098	3,529	230	2,029	5,788	6,035
4	1	25,419	6,798	946	4,520	12,265	5,439	294	2,587	8,319	7,181
5	1	19,285	4,964	718	3,430	9,111	3,973	263	2,318	6,554	5,448
6	1	6,320	2,223	466	286	2,975	8,561	934	6,671	16,165	1,786
7	1	4,898	1,305	208	907	2,420	4,853	910	2,465	8,227	1,384
8	1	2,410	586	46	669	1,301	2,102	235	7,237	9,573	681
9	1	14,256	3,567	270	3,930	7,767	9,685	2,763	13,501	25,949	4,027
10	1	3,341	1,249	159	671	2,079	43,641	2,895	7,646	54,182	944
11	1	2,511	1,346	120	504	1,969	35,748	2,295	6,061	44,104	709
12	1	15,150	3,994	668	2,434	7,096	55,844	1,818	6,358	64,020	4,280
13	1	5,300	1,404	264	878	2,545	14,093	2,430	6,075	22,598	1,497
14	1	1,608	448	138	227	813	4,928	997	3,496	9,421	454
15	1	1,966	537	84	311	932	17,413	1,735	9,031	28,180	555
16	1	6,434	2,223	311	756	3,290	5,474	3,696	4,834	14,005	1,818
17	1	4,313	1,814	85	700	2,599	16,343	899	10,751	27,993	1,218
18	1	29,038	2,896	105	1,008	4,009	48,284	2,094	11,947	62,326	8,203
19	1	12,198	701	364	1,182	2,247	23,740	7,008	9,003	39,751	3,446
20	1	6,334	1,619	145	1,016	2,780	12,633	3,605	4,675	20,912	1,789
21	1	7,106	845	239	1,814	2,899	4,513	1,802	5,138	11,453	2,007
22	1	2,939	928	61	195	1,184	1,828	880	2,777	5,485	830
23	1	4,554	158	378	1,342	1,878	6,795	3,705	3,908	14,408	1,286
24	1	7,827	1,015	108	2,587	3,709	21,648	3,757	4,957	30,361	2,211
25	1	15,655	3,149	695	2,352	6,195	5,133	2,892	2,117	10,142	4,422
26	1	6,990	1,129	79	1,596	2,804	3,212	29	1,256	4,497	1,975
27	1	7,874	2,289	110	632	3,031	4,162	25	1,225	5,413	2,224
28	1	11,007	2,455	51	1,939	4,445	3,639	706	1,871	6,216	3,109
29	1	8,993	760	65	2,926	3,751	4,984	344	368	5,696	2,541
30	1	9,238	1,172	153	935	2,260	4,209	74	1,346	5,630	2,610
31	1	8,938	2,506	464	1,032	4,001	2,691	88	1,839	4,617	2,525
32	1	3,663	857	244	505	1,606	866	165	822	1,854	1,035
33	1	3,747	357	220	1,226	1,803	4,589	153	1,821	6,563	1,059
34	1	6,738	1,057	530	981	2,567	4,647	288	1,770	6,705	1,904
35	1	3,911	515	287	726	1,529	2,963	237	1,557	4,757	1,105
36	1	9,428	1,095	502	2,283	3,880	5,496	1,007	3,065	9,568	2,664
37	1	5,562	1,445	-	1,043	2,488	3,283	-	5,994	9,277	1,571
38	1	3,283	458	21	1,006	1,485	1,975	-	3,566	5,541	927
39	1	9,542	978	192	3,052	4,222	2,701	-	9,265	11,965	2,696
40	1	3,831	175	138	1,243	1,556	4,244	300	10,476	15,020	1,082
41	1	5,096	908	202	884	1,994	4,352	1,543	8,579	14,474	1,440
42	1	6,768	1,086	201	1,430	2,716	2,035	388	13,681	16,104	1,912
43	1	4,511	236	232	1,303	1,770	1,727	487	10,545	12,759	1,274
44	1	4,903	589	168	1,208	1,965	5,702	276	6,168	12,146	1,385
45	1	3,164	1,038	145	1,183	2,367	18,430	305	24,038	42,774	894
46	1	3,389	1,106	-	1,574	2,680	16,034	3,602	24,404	44,040	957
47	1	1,419	368	162	441	971	10,710	2,104	3,177	15,990	401
48	1	2,323	565	149	1,003	1,717	32,361	590	5,303	38,255	656
49	1	3,250	553	282	735	1,570	5,316	539	3,667	9,522	918
50	1	2,570	439	146	705	1,289	4,294	344	2,357	6,996	726
51	1	2,351	666	133	343	1,142	2,406	246	2,007	4,659	664
52	1	2,486	565	118	629	1,312	4,042	273	4,941	9,255	702
53	1	5,191	1,865	125	827	2,816	10,291	423	8,277	18,992	1,467
54	1	5,315	1,501	265	1,046	2,812	6,288	814	4,438	11,540	1,502
55	1	8,061	2,090	389	1,748	4,226	7,449	150	3,907	11,505	2,277
56	1	8,634	827	344	3,315	4,486	6,891	268	2,609	9,768	2,439
57	1	8,851	2,392	393	1,628	4,412	5,141	1,107	5,842	12,090	2,501
58	1	1,494	326	60	190	577	1,830	572	1,651	4,054	422
59	1	13,129	3,622	586	2,186	6,394	12,024	473	7,276	19,774	3,709
60	1	10,178	2,267	281	2,548	5,096	9,679	443	2,444	12,567	2,875
61	1	3,738	764	200	822	1,785	2,335	388	1,888	4,611	1,056
62	1	4,060	904	175	894	1,972	2,093	298	2,631	5,022	1,147
63	1	2,615	603	138	498	1,239	1,243	88	1,703	3,034	739
64	1	5,444	1,330	61	1,414	2,804	2,540	118	3,655	6,312	1,538
65	1	5,014	628	122	1,822	2,572	3,586	190	2,479	6,255	1,416
66	1	7,239	1,633	327	1,171	3,132	3,061	1,772	3,327	8,161	2,045
67	1	5,734	1,498	396	441	2,335	4,429	266	1,493	6,188	1,620
68	1	4,097	709	91	1,045	1,845	2,872	81	1,014	3,966	1,157
69	1	3,091	453	90	830	1,373	843	53	1,692	2,587	873
70	1	2,641	408	84	671	1,163	662	27	1,156	1,845	746
71	1	3,766	560	109	1,012	1,681	554	60	4,823	5,437	1,064
72	1	7,476	1,815	116	1,463	3,394	2,060	244	5,099	7,403	2,112
73	1	3,988	999	202	500	1,700	1,190	57	1,666	2,913	1,127
74	1	7,163	525	617	1,733	2,875	2,516	407	2,374	5,297	2,024
75	1	5,855	2,297	148	576	3,021	9,286	1,243	2,416	12,946	1,654
76	1	3,093	1,073	138	242	1,453	1,774	124	648	2,546	874
77	1	1,007	251	21	228	500	866	7	280	1,153	284
78	1	7,470	2,063	557	636	3,256	4,978	82	968	6,027	2,110
79	1	806	342	15	29	385	215	58	381	653	228
80	1	8,088	1,517	138	2,422	4,077	5,774	45	1,430	7,248	2,285
81	1	1,412	585	64	265	915	3,549	227	5,409	9,186	399
82	1	6,940	840	234	2,667	3,740	8,100	1,182	12,317	21,599	1,960
83	1	3,343	429	248	1,137	1,814	8,053	1,519	1,834	11,406	944
84	1	5,566	2,735	173	199	3,107	13,571	2,740	4,410	20,721	1,572
85	1	6,790	3,123	65	597	3,786	1,488	284	1,793	3,564	1,918
86	1	8,307	2,297	132	2,172	4,601	784	171	2,125	3,081	2,347
87	1	5,156	2,625	31	102	2,757	238	47	1,412	1,697	1,457
88	1	10,308	2,651	250	2,677	5,577	1,324	293	1,423	3,039	2,912
89	1	11,320	5,858	150	25	6,034	2,391	519	2,938	5,848	3,198
90	1	11,163	5,672	156	64	5,893	1,956	81	1,822	3,859	3,153
91	1	5,044	1,831	323	199	2,353	3,120	116	1,279	4,515	1,425
92	1	6,457	1,697	333	1,058	3,088	1,931	618	2,939	5,488	1,824
93	1	4,597	1,185	173	914	2,272	2,339	212	1,501	4,052	1,299
94	1	6,207	2,427	215	878	3,520	6,490	74	3,495	10,060	1,753
95	1	4,326	1,468	73	669	2,209	1,714	40	1,368	3,121	1,222
96	1	38,523	12,088	658	6,918	19,664	17,733	1,362	11,867	30,961	10,883
97	1	11,158	2,374	568	2,481	5,423	3,380	1,290	2,889	7,559	3,152
98	1	21,476	8,448	422	1,932	10,802	8,634	450	9,047	18,132	6,067
99	1	6,400	1,358	355	1,240	2,953	1,358	601	1,398	3,357	1,808
100	1	4,416	1,341	247	861	2,448	3,312	250	633	4,195	1,247
101	1	4,150	1,326	154	1,109	2,589	9,939	2,595	4,582	17,116	1,172
102	1	5,050	1,020	394	667	2,081	133	10	10	153	1,427
103	1	17,923	4,045	558	3,759	8,362	7,350	347	2,326	10,024	5,063
104	1	23,788	7,830	1,237	1,181	10,248	4,189	978	3,820	8,987	6,720
105	1	11,711	2,595	1,148	2,890	6,632	9,630	629	2,955	13,214	3,308
106	1	15,062	2,622	974	3,028	6,625	3,061	456	3,102	6,619	4,255
107	1	14,895	1,690	1,048	3,783	6,522	5,227	1,884	4,251	11,363	4,208
108	1	12,170	3,175	535	3,142	6,852	3,410	1,906	2,356	7,673	3,438
109	1	4,844	1,892	650	494	3,036	3,876	1,520	2,747	8,143	1,368
110	1	7,480	1,363	385	1,519	3,268	1,769	53	3,551	5,373	2,113
111	1	7,735	1,707	120	1,645	3,472	4,058	576	5,544	10,178	2,185
112	1	4,933	300	95	1,801	2,196	1,671	243	1,478	3,392	1,393
113	1	5,417	186	62	2,204	2,452	627	108	1,629	2,364	1,530
114	1	14,123	492	1,113	3,794	5,399	595	224	5,711	6,530	3,990
115	1	3,149	526	184	408	1,118	2,845	145	649	3,639	890
116	1	5,532	628	158	1,325	2,112	2,890	407	1,266	4,564	1,563
117	1	7,161	1,159	291	1,168	2,618	150	186	4,756	5,092	2,023
118	1	3,642	399	141	818	1,358	72	86	1,931	2,089	1,029
119	1	2,105	262	52	495	809	180	169	1,542	1,890	595
120	1	1,847	57	44	630	731	79	162	1,356	1,597	522
121	1	12,132	1,491	2,116	436	4,043	5,623	359	4,067	10,049	3,427
122	1	13,661	987	709	4,527	6,223	2,875	950	3,664	7,489	3,859
123	1	13,670	1,940	1,278	2,457	5,674	4,673	1,673	1,993	8,339	3,862
124	1	40,235	7,010	2,487	8,326	17,823	13,510	3,081	6,303	22,894	11,366
125	1	22,203	2,647	781	6,989	10,417	6,840	1,380	7,343	15,563	6,272
126	1	14,189	3,096	905	2,444	6,444	4,503	993	5,588	11,083	4,008
127	1	10,999	1,539	1,484	1,000	4,023	3,167	192	2,792	6,151	3,107
128	1	4,801	698	288	1,132	2,118	932	201	1,690	2,823	1,356
129	1	2,834	861	138	601	1,600	2,820	520	1,094	4,434	801
130	1	6,836	1,425	81	2,002	3,509	6,650	847	2,442	9,939	1,931
131	1	5,536	1,202	183	1,348	2,734	4,247	1,728	3,307	9,282	1,564
132	1	6,673	1,049	399	1,598	3,045	5,999	742	2,490	9,232	1,885
133	1	7,261	2,147	425	708	3,280	6,299	983	3,247	10,529	2,051
134	1	4,309	1,309	61	933	2,302	2,866	745	2,331	5,942	1,217
135	1	5,096	1,285	247	920	2,452	4,516	1,613	1,484	7,613	1,440
136	1	26,686	7,346	913	3,548	11,807	5,004	1,314	3,748	10,066	7,539
137	1	19,942	8,217	177	1,103	9,497	4,101	482	3,455	8,038	5,634
138	1	58,557	11,483	1,054	14,745	27,283	13,841	668	6,781	21,290	16,542
139	1	23,943	4,870	1,284	4,263	10,417	7,424	2,815	1,054	11,294	6,764
140	1	6,252	1,377	598	509	2,484	1,828	283	803	2,914	1,766
141	1	63,719	12,091	2,683	9,943	24,717	14,895	779	9,174	24,849	18,001
142	1	52,001	9,447	3,464	4,729	17,640	17,007	1,014	6,589	24,609	14,690

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
143	1	22,401	1,856	1,360	4,777	7,992	4,159	551	3,740	8,449	6,328
144	1	47,097	8,678	2,949	5,601	17,229	4,182	1,717	7,013	12,912	13,305
145	1	37,790	6,719	1,565	5,884	14,168	1,558	1,053	6,750	9,361	10,676
146	1	9,756	1,786	630	1,782	4,198	2,031	617	823	3,472	2,756
147	1	13,228	3,465	855	2,416	6,735	6,435	662	883	7,979	3,737
148	1	7,677	1,725	436	1,232	3,393	1,556	928	1,238	3,722	2,169
149	1	22,031	5,214	1,037	3,901	10,152	4,389	586	5,524	10,499	6,224
150	1	9,531	1,442	670	1,913	4,025	1,784	404	1,383	3,571	2,693
151	1	20,955	1,491	634	8,129	10,254	8,050	472	2,065	10,587	5,920
152	1	12,826	4,058	529	1,827	6,414	5,504	506	5,725	11,736	3,623
153	1	8,004	1,952	284	1,313	3,549	1,759	97	1,060	2,916	2,261
154	1	11,807	3,611	1,191	1,022	5,824	10,930	1,932	5,742	18,604	3,336
155	1	9,612	2,219	591	1,443	4,252	3,812	718	1,021	5,551	2,715
156	1	16,628	3,580	1,499	1,821	6,899	3,835	1,989	4,022	9,846	4,697
157	1	3,483	745	304	618	1,667	4,588	990	1,601	7,179	984
158	1	19,134	3,507	2,237	1,968	7,712	9,204	2,157	2,911	14,273	5,405
159	1	17,696	4,203	818	3,229	8,251	6,358	1,445	2,184	9,988	4,999
160	1	12,702	2,662	628	2,358	5,649	1,527	479	4,719	6,725	3,588
161	1	23,271	3,578	1,893	4,076	9,547	2,324	883	1,813	5,020	6,574
162	1	16,077	2,073	1,107	3,735	6,914	2,350	565	1,925	4,840	4,542
163	1	16,186	4,651	406	4,690	9,747	17,732	2,339	6,116	26,187	4,573
164	1	2,795	956	244	329	1,529	1,444	386	162	1,991	790
165	1	19,158	3,490	1,680	4,903	10,072	38,216	3,933	7,536	49,685	5,412
166	1	11,286	4,089	516	2,173	6,778	5,725	518	1,686	7,929	3,188
167	1	18,175	3,232	1,837	2,029	7,098	1,772	637	1,959	4,368	5,134
168	1	14,336	2,360	1,050	2,546	5,957	1,251	795	1,299	3,346	4,050
169	1	7,144	1,098	365	1,641	3,103	955	143	922	2,020	2,018
170	1	2,110	436	186	330	952	670	115	274	1,059	596
171	1	5,116	1,193	394	579	2,167	1,194	884	1,476	3,553	1,445
172	1	6,949	1,491	447	1,201	3,139	6,519	2,117	3,322	11,958	1,963
173	1	5,760	1,206	646	353	2,205	1,711	863	876	3,451	1,627
174	1	5,299	1,033	392	791	2,217	679	426	1,397	2,502	1,497
175	1	6,231	2,375	85	486	2,946	2,498	553	1,072	4,123	1,760
176	1	30,883	6,990	1,229	6,139	14,358	11,694	922	5,272	17,888	8,724
177	1	6,481	1,457	458	771	2,686	1,142	30	1,977	3,149	1,831
178	1	7,671	557	1,357	586	2,501	1,488	35	2,469	3,992	2,167
179	1	20,044	4,384	778	4,489	9,651	10,240	1,776	4,629	16,645	5,662
180	1	23,559	2,309	2,653	5,294	10,256	8,096	1,350	7,517	16,962	6,655
181	1	22,736	1,965	1,672	6,712	10,349	5,938	1,118	4,805	11,861	6,423
182	1	26,949	2,381	1,982	7,956	12,319	7,741	1,424	6,122	15,287	7,613
183	1	13,847	1,227	1,018	4,088	6,333	4,772	892	3,834	9,498	3,912
184	1	7,326	877	539	2,163	3,579	2,584	363	1,559	4,506	2,069
185	1	3,039	383	224	897	1,504	1,765	261	1,121	3,147	859
186	1	16,080	2,452	1,081	4,015	7,548	6,608	1,881	5,646	14,135	4,543
187	1	18,343	3,732	1,021	4,093	8,846	6,629	3,547	2,031	12,207	5,182
188	1	14,537	2,786	809	3,243	6,838	4,880	2,981	1,707	9,568	4,107
189	1	18,751	3,587	1,044	4,184	8,815	5,352	3,246	1,859	10,457	5,297
190	1	11,875	2,167	692	2,621	5,479	2,445	1,762	2,820	7,026	3,355
191	1	30,512	6,531	2,069	5,131	13,732	10,905	2,261	5,610	18,775	8,620
192	1	13,459	2,256	1,445	1,889	5,590	4,072	1,346	1,825	7,243	3,802
193	1	250	161	6	12	178	3,674	354	3,344	7,372	71
194	1	9,212	1,221	937	1,740	3,898	2,411	299	3,022	5,732	2,602
195	1	3,747	736	190	826	1,752	849	107	1,184	2,141	1,059
196	1	11,115	2,107	888	2,262	5,257	10,507	1,370	2,096	13,972	3,140
197	1	19,846	6,819	1,332	1,526	9,677	28,163	6,544	7,499	42,206	5,607
198	1	23,146	8,786	676	1,549	11,011	10,147	1,097	7,132	18,376	6,539
199	1	27,074	5,438	1,375	5,964	12,777	8,149	4,350	6,671	19,170	7,648
200	1	19,579	4,580	612	4,419	9,611	7,833	4,216	8,490	20,539	5,531
201	1	18,596	7,729	245	1,188	9,162	5,551	531	8,771	14,852	5,253
202	1	3,282	761	287	406	1,454	2,405	917	775	4,097	927
203	1	29,319	6,635	1,273	6,238	14,146	10,883	1,130	11,096	23,109	8,283
204	1	19,073	6,146	46	2,634	8,826	9,987	2,351	5,498	17,836	5,388
205	1	6,003	1,526	120	1,193	2,840	3,194	515	1,734	5,443	1,696
206	1	3,596	1,352	32	263	1,646	1,357	535	1,314	3,205	1,016
207	1	2,715	635	63	532	1,231	904	108	1,321	2,332	767
208	1	8,887	1,566	551	1,614	3,731	5,254	439	2,560	8,253	2,510
209	1	18,039	5,403	210	2,640	8,252	9,892	2,838	9,661	22,391	5,096
210	1	5,186	624	395	1,183	2,202	1,956	355	2,588	4,899	1,465
211	1	2,899	968	149	224	1,340	2,244	273	1,587	4,104	819
212	1	4,564	1,158	120	738	2,016	1,593	87	2,560	4,240	1,289
213	1	5,066	1,347	139	1,117	2,602	6,027	1,130	2,769	9,926	1,431
214	1	9,096	1,597	789	1,476	3,862	3,970	1,665	6,874	12,509	2,570
215	1	6,775	1,329	366	1,386	3,080	5,630	848	3,415	9,893	1,914
216	1	4,229	814	143	1,013	1,970	1,396	548	2,859	4,803	1,195
217	1	13,253	1,003	709	4,409	6,121	9,142	2,162	9,207	20,511	3,744
218	1	6,889	1,785	912	780	3,477	11,504	1,119	1,244	13,867	1,946

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
219	1	8,325	2,319	202	1,447	3,968	5,429	666	4,979	11,073	2,352
220	1	5,072	700	476	893	2,069	3,443	1,676	1,469	6,588	1,433
221	1	12,508	2,270	819	2,329	5,418	11,140	2,502	2,146	15,788	3,534
222	1	3,843	958	353	282	1,593	2,028	1,076	929	4,033	1,086
223	1	4,380	1,708	102	825	2,635	9,444	1,727	2,592	13,764	1,237
224	1	18,739	3,826	467	5,163	9,456	16,020	4,730	4,556	25,306	5,294
225	1	3,842	663	216	1,000	1,879	1,531	197	669	2,397	1,085
226	1	9,677	1,285	1,258	1,399	3,943	3,034	702	1,102	4,839	2,734
227	1	6,509	1,455	546	1,081	3,082	4,322	964	1,698	6,984	1,839
228	1	25,389	10,182	388	1,915	12,485	7,617	4,467	4,430	16,514	7,172
229	1	15,378	3,276	831	3,257	7,364	13,853	2,537	2,690	19,080	4,344
230	1	10,127	3,264	172	1,619	5,055	4,937	522	1,001	6,460	2,861
231	1	9,762	1,826	716	1,914	4,456	1,227	1,224	3,755	6,206	2,758
232	1	14,478	3,055	732	2,939	6,726	5,387	283	2,451	8,122	4,090
233	1	8,953	2,109	908	1,212	4,228	6,026	1,099	2,868	9,993	2,529
234	1	26,417	3,073	2,943	5,821	11,837	11,737	9,271	3,587	24,595	7,463
235	1	6,448	1,346	497	1,219	3,062	3,117	1,110	1,923	6,151	1,822
236	1	6,491	1,824	254	1,837	3,915	13,061	2,860	7,624	23,545	1,834
237	1	5,401	1,819	234	606	2,659	1,578	603	1,023	3,204	1,526
238	1	8,100	2,194	692	991	3,878	8,958	3,438	4,778	17,175	2,288
239	1	11,635	3,422	476	2,026	5,924	6,395	2,425	3,840	12,660	3,287
240	1	26,750	6,734	945	5,342	13,021	7,012	710	2,005	9,727	7,557
241	1	16,217	3,554	765	3,493	7,812	3,996	754	1,227	5,978	4,581
242	1	23,321	4,160	1,513	5,458	11,131	7,598	2,398	9,116	19,112	6,588
243	1	5,268	4,346	122	673	5,140	13,828	303	1,698	15,829	1,488
244	2	7,125	305	947	2,021	3,273	1,224	490	1,082	2,796	2,013
245	2	11,921	1,522	982	3,287	5,791	1,974	342	2,246	4,562	3,368
246	2	6,765	1,476	826	615	2,917	1,288	236	1,471	2,995	1,911
247	2	17,621	4,649	838	3,661	9,148	5,682	40	3,370	9,092	4,978
248	2	9,350	1,751	25	3,189	4,965	1,472	170	2,466	4,108	2,641
249	2	24,628	4,858	244	6,292	11,393	3,918	662	5,853	10,432	6,957
250	2	6,346	932	507	1,391	2,830	2,042	178	2,039	4,260	1,793
251	2	13,268	4,486	376	1,642	6,503	12,494	335	3,951	16,781	3,748
252	2	25,818	8,143	751	3,281	12,175	15,700	412	4,859	20,971	7,294
253	2	25,591	6,934	776	3,392	11,102	7,997	240	2,823	11,059	7,229
254	2	13,715	4,850	382	1,671	6,904	5,724	84	992	6,800	3,875
255	2	6,371	1,663	417	1,437	3,518	1,727	626	3,105	5,457	1,800
256	2	27,477	8,167	1,338	3,549	13,054	3,713	575	4,392	8,679	7,762
257	2	15,466	3,511	865	3,365	7,741	2,187	393	2,884	5,463	4,369
258	2	22,411	7,192	496	5,402	13,090	7,279	1,085	2,445	10,809	6,331
259	2	36,532	7,248	2,216	7,049	16,513	6,580	363	1,577	8,520	10,320
260	2	45,822	9,288	3,432	7,692	20,412	6,244	2,475	5,841	14,560	12,945
261	2	17,351	3,413	2,202	1,251	6,866	2,188	137	1,950	4,275	4,902
262	2	35,200	2,983	7,716	1,465	12,164	4,710	1,336	4,861	10,907	9,944
263	2	469	600	-	-	600	7,911	368	1,077	9,356	132
264	2	841	530	54	34	618	6,271	293	857	7,421	238
265	2	-	432	-	-	432	11,321	581	1,699	13,600	-
266	2	44,307	9,641	4,621	2,965	17,227	14,033	639	1,869	16,540	12,517
267	2	5,794	2,794	617	396	3,807	63,572	632	1,849	66,053	1,637
268	2	25,090	6,289	2,738	1,756	10,782	20,642	1,014	2,967	24,624	7,088
269	2	1,180	1,219	29	18	1,266	18,259	871	2,549	21,678	333
270	2	7,954	3,222	714	458	4,394	11,240	466	1,363	13,068	2,247
271	2	48,648	12,465	3,941	5,627	22,033	8,149	1,198	4,963	14,311	13,743
272	2	44,741	8,206	2,959	7,691	18,857	11,307	1,215	8,272	20,795	12,639
273	2	8,782	4,629	88	833	5,550	6,952	266	1,424	8,642	2,481
274	2	11,873	3,950	354	1,179	5,483	2,867	537	3,458	6,861	3,354
275	2	25,202	5,513	2,481	2,070	10,064	4,713	716	3,534	8,963	7,120
276	2	28,317	7,876	1,874	3,302	13,052	4,833	1,414	3,673	9,920	7,999
277	2	18,876	4,438	883	3,723	9,044	2,055	1,153	3,630	6,839	5,332
278	2	59,237	17,200	638	15,101	32,938	3,527	1,648	9,979	15,153	16,734
279	2	16,725	3,377	1,234	3,354	7,965	2,289	614	3,995	6,899	4,725
280	2	7,024	2,100	108	1,467	3,674	1,109	61	2,197	3,367	1,984
281	2	11,310	4,966	539	1,641	7,146	7,622	207	1,726	9,556	3,195
282	2	13,066	5,805	1,007	1,192	8,003	7,733	158	2,255	10,147	3,691
283	2	3,413	650	313	570	1,534	1,029	465	3,342	4,836	964
284	2	4,432	2,249	76	344	2,669	5,607	1,070	1,769	8,446	1,252
285	2	6,044	1,043	828	975	2,846	6,750	736	2,703	10,189	1,708
286	2	4,503	1,152	73	1,069	2,295	2,317	134	5,031	7,482	1,272
287	2	16,190	3,160	550	3,428	7,138	2,945	323	3,545	6,813	4,574
288	2	21,834	7,276	532	3,740	11,548	7,735	2,146	2,306	12,187	6,168
289	2	10,508	3,149	443	1,744	5,336	5,010	247	2,366	7,623	2,968
290	2	17,524	3,140	1,710	2,558	7,409	5,412	1,220	4,551	11,184	4,950
291	2	6,251	919	799	1,671	3,390	1,372	186	852	2,410	1,766
292	2	19,012	4,245	1,577	3,401	9,223	2,803	1,151	5,363	9,317	5,371
293	2	10,332	4,234	333	1,447	6,014	7,489	651	3,496	11,636	2,919
294	2	18,781	5,029	1,754	2,485	9,267	7,375	6,027	5,941	19,344	5,306

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
295	2	7,436	2,955	117	612	3,683	1,068	623	1,870	3,562	2,101
296	2	15,237	3,106	2,679	944	6,729	4,919	1,372	3,306	9,597	4,304
297	2	8,721	1,629	314	2,524	4,467	1,478	424	2,195	4,096	2,464
298	2	6,196	1,265	467	1,181	2,914	581	231	1,747	2,558	1,750
299	2	6,208	876	914	659	2,449	1,697	200	592	2,489	1,754
300	2	18,400	3,123	1,247	4,141	8,511	3,445	1,017	2,813	7,275	5,198
301	2	14,289	3,181	775	3,177	7,133	3,127	1,579	2,163	6,869	4,037
302	2	15,367	2,569	1,513	2,746	6,827	1,883	998	2,926	5,807	4,341
303	2	18,689	5,101	1,535	2,585	9,221	8,062	1,439	2,226	11,727	5,280
304	2	15,466	6,493	85	2,824	9,402	8,292	439	1,105	9,836	4,369
305	2	30,926	11,328	181	5,986	17,495	16,036	1,077	2,709	19,821	8,737
306	2	23,610	8,210	141	4,664	13,015	10,274	639	1,607	12,520	6,670
307	2	21,065	3,253	1,617	5,198	10,068	3,630	1,937	5,613	11,180	5,951
308	2	14,478	4,071	861	2,203	7,135	4,962	1,016	2,617	8,595	4,090
309	2	24,453	4,692	2,122	4,490	11,304	7,222	1,279	3,873	12,374	6,908
310	2	988	563	104	12	679	719	89	237	1,045	279
311	2	8,235	3,350	42	794	4,186	1,797	1,782	1,477	5,056	2,326
312	2	18,618	3,125	1,300	4,019	8,444	4,243	1,050	2,900	8,193	5,260
313	2	23,400	6,830	2,401	2,217	11,448	25,227	8,853	9,845	43,926	6,610
314	2	10,850	2,784	663	2,157	5,604	4,526	1,019	1,881	7,427	3,065
315	2	52,656	17,174	2,060	3,441	22,675	15,181	4,030	5,955	25,166	14,875
316	2	19,418	1,878	1,550	6,170	9,598	10,272	1,550	3,134	14,956	5,486
317	2	20,829	6,225	1,347	4,574	12,145	10,904	4,311	5,048	20,263	5,884
318	2	4,158	2,361	205	492	3,058	11,575	3,011	3,290	17,877	1,175
319	2	20,180	5,017	1,444	3,456	9,916	10,813	2,552	2,788	16,153	5,701
320	2	44,159	15,891	2,675	5,588	24,155	32,939	19,074	8,962	60,975	12,475
321	2	42,406	12,623	3,100	6,734	22,457	19,986	3,118	9,519	32,623	11,980
322	2	14,159	4,579	917	2,085	7,581	13,711	506	1,161	15,378	4,000
323	2	41,088	5,017	2,535	13,243	20,795	13,037	5,743	8,595	27,375	11,607
324	2	30,077	14,875	1,599	3,636	20,109	23,400	2,696	4,903	30,999	8,497
325	2	31,409	6,429	2,286	5,200	13,914	17,549	1,068	1,386	20,003	8,873
326	2	31,424	9,244	1,801	4,989	16,034	8,193	1,719	4,648	14,560	8,877
327	2	7,088	3,183	366	1,388	4,938	4,955	715	3,605	9,275	2,002
328	2	27,816	7,598	2,770	2,650	13,018	7,537	1,131	1,976	10,644	7,858
329	2	6,572	1,852	403	1,164	3,420	1,195	310	654	2,159	1,856
330	2	42,355	8,918	2,641	6,492	18,051	3,631	1,334	3,543	8,508	11,965
331	2	30,067	4,117	2,796	5,527	12,439	2,271	1,578	2,618	6,467	8,494
332	2	58,181	9,174	6,252	9,135	24,560	5,498	2,338	5,759	13,595	16,436
333	2	92,834	16,130	6,647	19,370	42,147	11,399	4,240	13,452	29,091	26,226
334	2	52,675	16,365	964	12,933	30,262	24,107	2,017	9,136	35,260	14,881
335	2	13,713	4,564	745	1,466	6,775	4,049	578	4,315	8,942	3,874
336	2	26,075	3,807	1,380	9,800	14,988	3,666	549	3,275	7,490	7,366
337	2	4,237	1,122	134	1,230	2,486	464	11	698	1,172	1,197
338	2	12,500	5,006	533	2,308	7,847	3,180	239	1,488	4,907	3,531
339	2	13,088	4,663	586	2,538	7,787	2,583	294	1,828	4,705	3,697
340	2	3,244	626	696	192	1,513	262	270	535	1,067	916
341	2	27,410	10,880	960	3,716	15,557	5,081	953	2,909	8,943	7,743
342	2	15,127	5,029	590	3,092	8,711	1,560	140	2,298	3,998	4,273
343	2	14,820	6,129	933	1,867	8,928	9,420	1,144	2,918	13,482	4,187
344	2	71,653	25,623	69	6,680	32,372	12,049	4,109	13,366	29,524	20,242
345	2	39,990	10,740	1,233	7,892	19,865	19,298	1,884	6,130	27,311	11,297
346	2	42,862	10,171	1,360	8,706	20,237	15,381	1,555	5,058	21,993	12,108
347	2	31,864	10,429	1,858	301	12,587	8,770	1,026	1,417	11,213	9,002
348	2	11,681	3,853	679	110	4,642	3,392	410	567	4,369	3,300
349	2	34,345	7,504	1,736	7,183	16,423	9,371	1,099	3,349	13,819	9,703
350	2	32,034	8,655	854	5,455	14,964	6,259	855	6,755	13,869	9,050
351	2	17,195	7,093	801	2,153	10,046	9,038	791	2,150	11,979	4,858
352	2	6,866	2,206	285	654	3,145	1,318	166	1,099	2,583	1,940
353	2	13,269	3,180	515	2,752	6,447	3,814	814	996	5,624	3,748
354	2	23,744	2,828	1,482	5,834	10,143	3,063	1,515	4,162	8,740	6,708
355	2	4,025	1,210	138	683	2,030	1,114	171	969	2,254	1,137
356	2	19,361	4,846	696	3,451	8,993	4,044	559	2,992	7,594	5,469
357	2	16,361	4,444	470	2,933	7,847	1,352	283	3,280	4,915	4,622
358	2	21,297	10,768	147	154	11,070	6,233	290	3,309	9,832	6,016
359	2	7,291	1,380	424	1,609	3,413	1,502	131	879	2,513	2,060
360	2	15,707	3,241	525	3,959	7,725	2,416	422	3,093	5,930	4,437
361	2	21,871	6,476	628	3,221	10,326	4,681	340	3,126	8,147	6,179
362	2	10,080	1,409	635	2,305	4,349	1,226	-	3,991	5,217	2,848
363	2	6,965	1,405	174	1,726	3,304	1,210	865	4,051	6,126	1,968
364	2	27,681	7,206	2,105	4,129	13,440	7,876	3,444	7,355	18,674	7,820
365	2	41,650	7,085	2,174	8,977	18,235	4,783	2,138	12,992	19,912	11,766
366	2	83,674	7,989	4,298	27,174	39,461	28,193	877	7,910	36,980	23,638
367	2	16,487	5,668	286	1,329	7,284	2,066	807	6,288	9,161	4,658
368	3	55,244	5,882	4,388	14,047	24,317	13,285	2,707	17,950	33,941	15,606
369	3	14,618	1,291	1,624	2,656	5,572	3,390	1,143	2,438	6,971	4,129
370	3	13,466	1,941	586	2,508	5,035	1,275	2,954	3,482	7,711	3,804

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
371	3	17,720	2,253	374	4,446	7,073	2,395	3,266	4,162	9,823	5,006
372	3	43,405	5,683	2,371	8,445	16,499	24,352	16,532	24,588	65,472	12,262
373	3	20,178	4,864	3,247	4,499	12,610	32,585	21,610	69,980	1,24,175	5,700
374	3	48,825	9,934	3,393	9,400	22,726	2,264	302	8	2,573	13,793
375	3	31,943	4,474	2,243	7,208	13,924	273	60	6	338	9,024
376	3	40,586	8,756	4,376	4,973	18,105	1,984	370	98	2,452	11,465
377	3	12,284	1,218	1,291	4,214	6,724	873	124	6	1,003	3,470
378	3	30,342	5,769	3,175	5,339	14,283	1,037	211	7	1,255	8,572
379	3	6,110	1,175	1,003	1,878	4,056	3,331	754	2,384	6,469	1,726
380	3	37,150	3,502	4,517	7,081	15,101	1,218	865	2,288	4,371	10,495
381	3	73,661	8,237	6,726	17,179	32,142	3,734	4,473	4,617	12,824	20,809
382	3	19,666	2,099	2,297	4,113	8,510	894	583	2,083	3,560	5,556
383	3	12,627	1,291	1,328	3,659	6,278	822	755	1,073	2,651	3,567
384	3	48,994	8,259	4,748	9,408	22,415	3,011	3,503	5,052	11,566	13,841
385	3	23,162	2,460	2,973	4,421	9,854	781	822	1,224	2,827	6,543
386	3	1,32,391	22,566	10,006	20,496	53,068	5,066	3,910	6,813	15,789	37,400
387	3	10,253	1,045	1,467	1,936	4,448	373	840	1,858	3,071	2,896
388	3	1,02,545	5,483	15,836	25,026	46,345	10,992	4,690	4,077	19,759	28,969
389	3	48,465	5,907	8,599	4,185	18,691	1,450	2,805	3,524	7,780	13,691
390	3	80,608	9,320	8,681	15,644	33,645	2,685	3,999	3,155	9,838	22,772
391	3	40,546	4,754	7,729	3,438	15,920	1,075	1,678	4,513	7,266	11,454
392	3	67,583	4,488	13,190	10,043	27,721	3,033	3,802	5,596	12,431	19,092
393	3	10,529	806	746	3,222	4,774	783	376	1,901	3,060	2,974
394	3	2,876	372	358	755	1,485	615	404	2,148	3,167	813
395	3	48,678	2,396	3,029	15,811	21,236	2,218	1,078	2,767	6,063	13,751
396	3	36,280	1,984	2,384	11,733	16,101	1,473	729	1,707	3,910	10,249
397	3	31,016	2,117	1,498	10,208	13,824	1,089	555	2,200	3,843	8,762
398	3	7,024	789	220	2,247	3,256	535	241	1,182	1,958	1,984
399	3	33,858	2,700	4,258	6,159	13,116	891	513	2,161	3,565	9,565
400	3	19,375	2,556	3,255	3,670	9,481	1,629	1,033	2,755	5,417	5,473
401	3	27,936	1,982	3,833	5,254	11,070	817	668	2,118	3,603	7,892
402	3	11,241	775	1,530	2,112	4,417	355	437	1,507	2,298	3,176
403	3	18,225	1,858	3,192	2,509	7,559	1,246	814	1,876	3,936	5,149
404	3	39,525	4,950	4,511	5,736	15,197	2,979	850	5,063	8,893	11,166
405	3	22,897	4,138	3,414	3,492	11,044	3,086	636	2,177	5,900	6,468
406	3	28,714	10,629	7,708	5,104	23,441	10,830	1,747	2,173	14,750	8,112
407	3	86,046	24,765	725	1,800	27,290	3,442	817	3,131	7,391	24,308
408	3	70,375	20,512	973	1,659	23,145	2,844	707	2,252	5,803	19,881
409	3	38,240	11,194	601	937	12,732	3,471	822	3,075	7,368	10,803
410	3	2,529	663	475	480	1,619	760	316	967	2,044	715
411	3	18,474	4,728	3,586	3,395	11,710	4,211	2,025	3,445	9,681	5,219
412	3	15,201	3,334	2,596	2,763	8,692	2,999	1,635	3,028	7,661	4,294
413	3	54,108	11,371	5,700	7,366	24,437	7,076	3,027	3,012	13,115	15,286
414	3	37,973	6,527	2,816	4,867	14,211	3,345	1,460	2,500	7,304	10,727
415	3	36,603	6,444	2,829	4,738	14,010	3,792	1,671	2,842	8,306	10,340
416	3	22,187	4,316	2,052	2,952	9,320	3,143	1,190	1,998	6,331	6,268
417	3	62,676	1,928	9,705	14,154	25,788	4,568	2,351	2,953	9,873	17,706
418	3	84,693	3,666	13,571	19,071	36,308	7,737	4,079	4,714	16,530	23,926
419	3	42,320	6,759	5,015	7,240	19,013	5,570	3,073	7,849	16,492	11,955
420	3	21,713	3,520	2,814	4,470	10,804	3,279	1,024	3,771	8,075	6,134
421	3	9,053	1,344	745	3,149	5,239	1,683	379	1,680	3,742	2,558
422	3	33,147	6,815	1,853	6,359	15,026	7,570	1,396	4,966	13,932	9,364
423	3	24,142	3,761	6,618	1,487	11,867	3,810	1,182	4,811	9,804	6,820
424	3	11,762	2,159	351	2,663	5,174	968	651	2,226	3,845	3,323
425	3	22,899	3,633	2,894	2,765	9,292	1,765	2,442	3,171	7,378	6,469
426	3	43,393	5,481	4,747	10,630	20,858	5,999	4,499	7,555	18,052	12,259
427	3	20,421	1,817	4,782	2,883	9,483	3,278	1,227	3,096	7,600	5,769
428	3	37,949	5,169	6,191	5,434	16,794	6,221	2,385	5,748	14,355	10,721
429	3	25,691	6,928	1,637	2,811	11,376	4,501	698	4,393	9,592	7,258
430	3	22,728	2,903	2,519	4,645	10,067	4,203	670	3,395	8,268	6,421
431	3	23,934	5,472	1,902	2,671	10,046	5,366	1,611	2,385	9,362	6,761
432	3	23,612	5,857	2,316	2,767	10,941	5,852	1,664	2,245	9,761	6,670
433	3	39,508	5,289	3,453	9,877	18,619	3,853	1,746	7,128	12,726	11,161
434	3	6,513	1,223	847	1,207	3,277	1,219	434	1,672	3,325	1,840
435	3	38,935	6,437	5,369	6,641	18,446	7,747	2,322	2,915	12,985	10,999
436	3	6,277	252	272	2,938	3,462	1,071	211	610	1,892	1,773
437	3	34,535	13,048	6,072	3,860	22,979	14,631	8,515	11,060	34,205	9,756
438	3	22,827	9,757	3,252	2,448	15,457	6,235	5,202	6,453	17,890	6,449
439	3	26,713	3,777	3,596	2,979	10,352	3,317	1,244	4,434	8,996	7,546
440	3	7,395	3,547	2,109	2,014	7,670	4,134	4,006	6,952	15,093	2,089
441	3	34,479	4,710	4,966	8,287	17,963	4,788	1,812	10,292	16,893	9,740
442	3	19,860	4,344	2,337	3,559	10,240	4,750	2,073	4,820	11,644	5,611
443	3	38,453	2,423	5,468	9,098	16,989	8,823	785	4,996	14,604	10,863
444	3	38,915	2,753	5,681	9,183	17,617	8,206	799	4,585	13,590	10,994
445	3	8,008	787	902	2,002	3,691	2,233	1,286	4,624	8,143	2,262
446	3	6,500	1,194	387	1,262	2,843	515	422	1,763	2,700	1,836

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
447	3	13,984	2,162	2,395	2,687	7,244	2,377	1,790	2,114	6,280	3,950
448	3	33,486	5,313	4,790	7,578	17,680	6,814	1,434	6,668	14,916	9,460
449	3	17,983	4,350	1,908	455	6,713	1,719	707	3,495	5,920	5,080
450	3	59,422	14,010	3,260	8,612	25,882	9,739	1,367	11,515	22,621	16,787
451	3	34,040	7,986	3,180	4,044	15,210	10,850	5,915	8,821	25,585	9,616
452	3	6,470	1,091	415	1,579	3,085	882	1,230	2,347	4,459	1,828
453	3	7,258	2,014	982	180	3,176	2,271	623	2,518	5,412	2,050
454	3	28,636	3,502	5,367	7,800	16,669	18,925	3,449	18,923	41,297	8,090
455	3	12,143	1,728	1,644	1,959	5,332	1,016	1,797	3,166	5,978	3,431
456	3	17,806	3,350	653	3,543	7,546	538	582	3,702	4,823	5,030
457	3	15,162	1,974	1,415	3,205	6,594	648	658	3,947	5,252	4,283
458	3	7,844	724	1,218	1,519	3,461	869	368	1,770	3,007	2,216
459	3	7,384	1,262	860	1,534	3,657	1,197	370	1,964	3,531	2,086
460	3	7,030	1,308	560	1,098	2,966	619	286	1,115	2,020	1,986
461	3	63,773	1,975	16,465	7,670	26,111	7,969	1,305	10,006	19,280	18,016
462	3	63,730	13,366	4,581	7,496	25,444	2,232	4,933	16,316	23,481	18,004
463	3	17,609	1,812	5,311	1,367	8,490	2,450	3,714	4,364	10,528	4,975
464	3	21,805	6,488	4,893	3,713	15,094	10,648	23,648	9,014	43,309	6,160
465	3	74,934	4,883	12,721	13,365	30,969	21,384	7,739	9,206	38,329	21,169
466	3	45,477	5,559	4,882	10,084	20,525	10,474	10,497	12,882	33,854	12,847
467	3	22,005	2,649	3,293	4,189	10,131	12,931	5,439	7,062	25,432	6,216
468	2	12,994	922	-	6,614	7,536	1,705	2,530	180	4,415	3,671
469	2	7,382	2,321	101	1,726	4,149	2,652	736	1,729	5,116	2,085
470	2	52,706	15,657	1,469	5,774	22,899	11,390	4,913	12,522	28,825	14,889
471	2	6,606	1,091	558	1,189	2,838	2,624	652	2,086	5,362	1,866
472	2	16,328	4,534	755	1,605	6,894	3,670	1,952	3,716	9,338	4,613
473	2	6,767	1,016	781	795	2,592	1,391	536	1,416	3,343	1,912
474	2	25,757	5,545	1,782	4,822	12,149	15,721	3,436	5,914	25,071	7,276
475	2	4,107	823	224	843	1,891	2,874	610	1,053	4,538	1,160
476	2	39,629	5,772	4,722	5,630	16,124	13,300	6,086	7,597	26,983	11,195
477	2	9,098	2,222	542	1,016	3,781	2,468	1,007	2,197	5,672	2,570
478	2	39,876	10,007	2,635	5,847	18,490	17,365	2,035	7,820	27,220	11,265
479	2	35,954	8,530	2,914	5,662	17,106	16,317	3,638	5,833	25,788	10,157
480	2	11,265	4,624	341	1,151	6,115	5,243	1,580	3,067	9,891	3,182
481	2	8,228	2,565	460	1,262	4,287	3,364	1,286	2,491	7,141	2,324
482	2	6,487	2,800	60	379	3,239	1,960	823	1,436	4,219	1,832
483	2	8,350	2,906	244	679	3,829	1,782	896	2,712	5,391	2,359
484	2	8,987	1,093	383	2,590	4,066	809	1,360	2,785	4,953	2,539
485	2	11,359	4,539	152	1,022	5,713	4,149	1,118	2,958	8,225	3,209
486	2	24,966	2,226	2,880	6,447	11,553	4,691	2,810	7,039	14,541	7,053
487	2	49,344	7,132	3,649	9,801	20,582	4,345	3,023	9,414	16,782	13,940
488	2	51,920	8,499	5,092	6,964	20,556	2,432	2,426	7,833	12,690	14,667
489	2	1,46,272	7,467	34,840	1,479	43,786	11,437	12,279	23,748	47,464	41,322
490	2	1,34,160	23,947	8,252	23,178	55,377	12,077	6,256	18,738	37,071	37,900
491	2	70,232	13,131	4,287	12,040	29,458	9,347	4,574	13,701	27,622	19,840
492	2	34,568	5,044	2,805	6,320	14,169	1,390	3,175	7,247	11,813	9,765
493	2	31,831	5,900	2,928	2,076	10,904	838	641	2,498	3,976	8,992
494	2	33,719	4,262	3,281	4,640	12,182	7,699	1,111	3,995	12,805	9,526
495	2	37,493	5,618	3,574	5,054	14,246	6,672	832	2,993	10,497	10,592
496	2	1,22,131	14,647	11,949	16,899	43,495	12,215	1,768	6,358	20,341	34,502
497	2	143	183	-	-	183	156	-	-	156	40
498	2	21,695	6,226	672	2,375	9,273	4,303	561	1,363	6,227	6,129
499	2	37,969	9,738	1,206	4,261	15,205	6,105	938	2,280	9,323	10,726
500	2	11,005	10,257	278	948	11,483	12,421	-	1,791	14,211	3,109
501	2	21,549	13,546	1,160	2,522	17,228	25,626	6,658	6,935	39,218	6,087
502	2	19,644	7,305	1,465	3,175	11,945	9,350	1,672	2,586	13,608	5,549
503	2	22,877	4,561	1,600	4,565	10,727	1,634	387	1,407	3,428	6,463
504	2	29,738	5,585	2,102	5,998	13,685	2,110	724	2,630	5,464	8,401
505	2	35,568	8,138	2,787	4,280	15,205	3,351	1,012	2,423	6,785	10,048
506	2	37,719	9,362	2,513	4,588	16,463	13,253	3,162	6,133	22,548	10,655
507	2	69,200	15,820	4,360	10,304	30,484	22,205	4,714	10,282	37,201	19,549
508	2	42,500	9,910	2,736	7,797	20,444	12,677	6,244	9,208	28,129	12,006
509	2	31,214	8,256	951	4,866	14,073	6,765	3,895	6,345	17,004	8,818
510	2	9,792	1,777	703	1,689	4,169	1,838	1,044	1,836	4,718	2,766
511	2	36,097	6,028	3,091	5,952	15,071	7,356	3,438	6,627	17,421	10,197
512	2	24,889	4,038	1,455	6,317	11,810	10,796	1,294	2,358	14,448	7,031
513	2	16,675	2,523	984	4,274	7,781	7,184	905	1,649	9,738	4,711
514	2	12,748	3,111	1,394	335	4,839	1,941	1,439	3,686	7,066	3,601
515	2	3,681	1,522	137	430	2,089	1,676	749	1,820	4,244	1,040
516	2	9,534	2,686	510	837	4,033	2,236	1,613	853	4,702	2,693
517	2	4,161	826	249	673	1,748	412	398	993	1,803	1,176
518	2	10,745	2,144	402	3,034	5,579	6,274	1,368	6,169	13,811	3,036
519	2	31,184	15,981	524	2,502	19,007	18,239	6,095	8,395	32,728	8,809
520	2	10,260	4,269	360	565	5,194	4,054	1,240	2,727	8,021	2,899
521	2	13,215	4,476	526	1,483	6,485	3,058	1,267	3,955	8,281	3,733
522	2	33,856	10,437	1,285	2,442	14,165	8,412	626	2,136	11,174	9,564

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
523	2	42,378	14,109	1,568	2,979	18,656	12,050	706	2,411	15,167	11,972
524	2	27,502	8,231	1,054	2,002	11,287	6,169	480	1,639	8,289	7,769
525	2	27,909	8,600	1,060	2,013	11,673	7,529	562	1,917	10,008	7,884
526	2	9,593	1,266	1,286	1,095	3,646	1,362	207	1,388	2,958	2,710
527	2	10,837	2,084	854	1,396	4,333	1,079	408	1,934	3,421	3,061
528	2	26,836	7,932	363	4,456	12,751	9,860	222	2,056	12,139	7,581
529	2	50,804	14,334	696	8,551	23,581	13,552	317	2,928	16,796	14,352
530	2	19,212	9,553	491	1,636	11,680	11,074	334	1,408	12,816	5,428
531	2	9,987	1,977	381	2,073	4,431	1,262	164	1,546	2,972	2,821
532	2	11,042	3,171	368	1,687	5,226	3,636	366	924	4,926	3,119
533	2	21,199	3,988	974	4,305	9,268	2,068	175	3,770	6,012	5,989
534	2	11,272	2,648	507	1,565	4,720	940	249	1,997	3,186	3,184
535	2	3,848	936	172	530	1,638	301	64	593	958	1,087
536	2	39,366	10,711	2,067	6,337	19,115	16,729	402	1,364	18,495	11,121
537	2	6,122	1,483	266	972	2,721	699	237	942	1,878	1,729
538	2	47,795	13,238	2,069	6,106	21,413	13,080	301	1,675	15,055	13,502
539	2	47,735	13,295	2,071	6,112	21,479	13,927	320	1,781	16,027	13,485
540	2	58,891	16,222	2,563	7,564	26,349	13,447	301	1,679	15,428	16,637
541	2	40,888	11,670	1,762	5,199	18,632	11,903	254	1,417	13,574	11,551
542	2	22,635	21,950	565	1,237	23,753	22,118	286	931	23,336	6,394
543	2	35,213	6,820	2,569	6,667	16,056	11,009	2,656	9,090	22,755	9,948
544	2	6,394	2,801	255	1,059	4,115	5,535	175	758	6,468	1,806
545	2	16,585	1,630	1,531	3,811	6,973	2,810	897	3,084	6,790	4,685
546	2	6,454	2,843	76	416	3,335	2,778	79	588	3,446	1,823
547	2	7,501	2,523	473	1,164	4,160	2,792	440	1,392	4,624	2,119
548	2	4,682	1,830	275	886	2,991	2,598	319	1,339	4,255	1,323
549	2	16,284	4,629	793	3,250	8,671	5,129	554	3,149	8,832	4,600
550	2	46,495	9,164	3,156	7,597	19,917	4,797	1,294	4,868	10,959	13,135
551	2	49,307	10,252	4,105	7,095	21,453	7,368	2,278	7,513	17,159	13,929
552	2	8,613	2,014	1,163	727	3,904	3,948	253	855	5,056	2,433
553	2	39,478	5,621	3,812	7,454	16,887	2,276	1,554	5,287	9,116	11,153
554	2	87,664	18,957	6,834	10,791	36,582	12,754	2,766	4,639	20,159	24,765
555	2	18,767	2,426	1,204	4,807	8,438	1,245	1,185	2,775	5,205	5,302
556	2	38,425	7,549	2,411	7,160	17,119	9,900	2,373	2,862	15,135	10,855
557	2	13,867	4,019	1,572	1,929	7,520	5,165	2,028	2,492	9,686	3,918
558	2	18,707	8,071	837	1,721	10,630	7,991	1,524	2,761	12,276	5,285
559	2	24,363	5,985	946	5,425	12,356	7,230	1,990	3,430	12,650	6,882
560	2	70,005	21,287	3,963	10,195	35,445	29,057	2,061	7,815	38,934	19,777
561	2	21,724	4,594	1,040	3,381	9,015	6,076	814	1,829	8,718	6,137
562	2	51,002	9,762	5,491	5,231	20,483	11,041	4,635	7,760	23,435	14,408
563	2	10,760	3,928	161	506	4,595	1,430	1,847	1,536	4,813	3,040
564	2	37,525	5,869	3,210	6,154	15,234	6,617	2,290	3,586	12,493	10,601
565	2	48,261	7,577	4,127	7,911	19,615	8,526	2,834	4,438	15,797	13,634
566	2	1,488	1,342	75	73	1,489	2,136	281	1,418	3,835	420
567	2	13,086	4,417	626	1,735	6,778	3,427	2,858	1,795	8,079	3,697
568	2	52,156	15,695	1,704	4,604	22,003	8,276	3,411	8,796	20,483	14,734
569	2	8,990	1,872	803	813	3,488	1,313	254	1,465	3,032	2,540
570	2	9,808	1,834	832	1,192	3,857	551	851	1,956	3,358	2,771
571	2	18,312	4,488	840	2,197	7,526	3,704	710	1,476	5,890	5,173
572	2	8,762	1,237	816	1,358	3,411	615	1,108	963	2,686	2,475
573	2	11,664	2,161	946	1,568	4,674	2,975	315	1,334	4,623	3,295
574	2	14,979	2,449	1,092	2,624	6,166	1,768	808	2,134	4,710	4,231
575	2	11,962	2,178	973	1,613	4,764	3,105	412	955	4,472	3,379
576	2	81,159	21,550	3,273	9,235	34,058	17,150	3,743	5,216	26,108	22,927
577	2	46,891	13,621	1,547	5,905	21,073	7,428	1,487	4,886	13,802	13,247
578	2	6,999	2,601	286	1,224	4,111	3,034	269	795	4,098	1,977
579	2	5,522	404	693	1,104	2,201	414	370	713	1,496	1,560
580	2	31,383	7,924	4,897	-	12,822	7,745	791	2,104	10,640	8,866
581	2	76,675	15,942	5,391	15,360	36,693	13,202	2,294	7,370	22,866	21,661
582	2	53,396	11,665	3,938	10,225	25,828	11,832	4,672	5,910	22,414	15,085
583	2	15,702	2,692	1,209	3,140	7,041	3,351	1,456	1,842	6,649	4,436
584	2	14,548	2,116	1,147	2,977	6,240	1,922	1,032	1,305	4,258	4,110
585	2	11,787	1,753	927	2,406	5,085	1,542	815	1,031	3,388	3,330
586	2	21,769	3,245	1,710	4,441	9,397	3,385	1,671	2,114	7,170	6,150
587	2	30,443	5,064	2,223	6,335	13,623	2,687	1,286	6,111	10,084	8,600
588	2	9,737	3,403	334	866	4,604	974	445	2,217	3,636	2,751
589	2	8,104	386	657	2,542	3,585	355	314	1,618	2,288	2,289
590	2	3,763	597	382	609	1,587	480	285	1,762	2,527	1,063
591	2	5,706	924	733	428	2,085	280	154	465	898	1,612
592	3	3,131	506	577	172	1,255	326	1,146	2,307	3,780	884
593	3	30,320	2,755	3,775	6,978	13,508	7,885	4,990	7,781	20,657	8,565
594	3	0	0	0	0	0	0	-	-	0	0
595	3	16,678	4,401	3,039	3,944	11,384	10,496	3,594	4,355	18,445	4,711
596	3	4,058	475	361	1,678	2,513	531	471	809	1,811	1,146
597	3	8,172	1,301	1,393	1,563	4,256	1,380	1,197	2,545	5,122	2,309
598	3	6,973	1,243	1,261	1,335	3,839	1,125	1,139	2,229	4,493	1,970

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
599	3	7,404	1,068	1,022	1,124	3,214	1,303	1,310	3,083	5,696	2,092
600	3	37,702	9,999	2,973	3,367	16,339	3,952	5,561	12,191	21,703	10,651
601	3	26,515	2,417	3,511	7,349	13,277	10,819	4,151	5,925	20,895	7,491
602	3	48,219	5,297	7,796	8,235	21,328	6,498	8,344	10,129	24,971	13,622
603	3	55,953	13,274	8,477	9,258	31,010	9,543	3,622	4,802	17,967	15,807
604	3	15,973	3,518	3,264	2,116	8,898	3,812	3,970	2,758	10,540	4,512
605	3	10,272	2,134	451	1,672	4,257	363	576	1,491	2,430	2,902
606	3	36,272	9,086	4,926	4,459	18,471	6,141	4,532	2,619	13,292	10,247
607	3	63,035	7,380	7,949	14,557	29,887	5,731	7,998	8,394	22,124	17,807
608	3	58,672	4,751	8,296	12,110	25,157	2,246	3,481	6,857	12,584	16,575
609	3	40,535	6,880	6,096	6,686	19,662	7,177	8,892	5,390	21,459	11,451
610	3	23,044	6,276	1,196	3,778	11,249	3,373	3,575	2,002	8,951	6,510
611	3	16,815	2,436	1,430	3,912	7,778	1,433	1,370	1,826	4,629	4,750
612	3	26,984	6,750	3,867	5,144	15,761	4,999	5,567	4,534	15,100	7,623
613	3	8,937	768	1,253	2,090	4,111	548	876	1,652	3,076	2,525
614	3	39,296	7,312	6,972	4,410	18,695	4,350	6,142	5,259	15,751	11,101
615	3	2,737	890	721	560	2,172	6,554	1,978	3,247	11,779	773
616	3	4,303	1,569	1,221	876	3,666	6,294	1,783	2,666	10,743	1,216
617	3	18,154	2,346	2,937	3,808	9,091	4,393	1,282	1,838	7,512	5,129
618	3	13,711	2,935	2,821	2,846	8,602	10,202	3,248	4,568	18,018	3,873
619	3	1,02,252	12,799	15,348	12,974	41,121	878	2,181	4,076	7,135	28,886
620	3	15,332	2,416	1,801	1,899	6,115	378	1,107	1,589	3,074	4,331
621	3	12,972	1,943	1,884	2,246	6,073	1,307	1,653	2,636	5,596	3,665
622	3	12,425	2,700	839	2,259	5,798	1,408	735	1,780	3,923	3,510
623	3	31,137	9,540	3,075	3,196	15,810	7,050	2,518	4,247	13,815	8,796
624	3	14,627	4,168	2,121	2,726	9,014	2,911	874	2,210	5,994	4,132
625	3	30,433	8,841	1,751	3,377	13,969	3,244	3,241	1,862	8,347	8,597
626	3	33,631	4,546	3,000	8,168	15,715	3,796	959	4,535	9,291	9,501
627	3	15,027	2,819	1,075	2,989	6,883	2,240	1,323	4,024	7,587	4,245
628	3	9,515	2,398	206	1,625	4,230	1,246	475	1,873	3,593	2,688
629	3	23,658	3,141	2,344	5,870	11,354	2,462	1,752	8,204	12,417	6,683
630	3	32,034	4,136	1,906	8,180	14,223	6,451	2,346	8,300	17,097	9,050
631	3	29,897	4,708	4,370	6,188	15,266	6,815	7,442	10,512	24,769	8,446
632	3	33,380	5,378	1,587	8,524	15,489	7,441	3,631	9,720	20,792	9,430
633	3	16,960	2,962	2,805	2,612	8,380	3,861	3,231	6,009	13,102	4,791
634	3	18,989	3,442	1,656	4,350	9,449	2,756	2,131	5,358	10,245	5,365
635	3	17,483	2,756	1,352	3,629	7,737	2,014	2,620	2,620	7,254	4,939
636	3	28,448	5,281	3,004	3,250	11,535	1,635	1,536	8,381	11,551	8,037
637	3	12,716	1,507	2,493	2,841	6,841	2,430	2,360	4,859	9,649	3,592
638	3	17,919	5,839	527	814	7,180	2,214	1,124	4,983	8,321	5,062
639	3	32,082	1,654	4,453	8,475	14,581	1,282	1,231	5,771	8,283	9,063
640	2	54,750	10,270	3,967	10,657	24,894	7,114	197	1,478	8,788	15,467
1001	11	14,829	2,418	3,471	1,284	7,173	1,527	606	887	3,021	4,189
1002	11	11,605	1,850	3,191	1,320	6,360	1,654	516	1,198	3,368	3,278
1003	11	7,325	669	1,799	885	3,353	544	121	559	1,223	2,069
1004	11	29,185	9,418	4,356	1,431	15,204	3,440	1,466	1,618	6,524	8,245
1005	11	3,043	1,193	117	160	1,470	103	107	233	443	860
1006	11	10,222	2,405	1,679	1,221	5,305	716	310	763	1,788	2,888
1007	11	6,712	1,241	811	741	2,793	391	348	1,241	1,980	1,896
1008	11	15,867	2,921	1,869	1,822	6,612	771	674	2,590	4,035	4,482
1009	11	3,552	604	387	377	1,368	196	178	686	1,060	1,003
1010	11	4,177	783	512	467	1,761	187	164	625	977	1,180
1011	11	28,243	6,600	5,123	2,955	14,677	2,156	855	1,403	4,414	7,979
1012	11	20,586	4,736	3,693	2,066	10,495	1,920	975	1,402	4,296	5,816
1013	11	4,481	734	542	457	1,734	434	361	353	1,149	1,266
1014	11	5,259	966	732	538	2,236	498	323	338	1,159	1,486
1015	11	5,525	1,147	911	492	2,550	680	308	318	1,307	1,561
1016	11	7,457	1,383	980	1,301	3,664	3,470	4,416	4,372	12,258	2,107
1017	11	14,502	2,350	1,675	2,163	6,188	1,410	1,122	1,318	3,850	4,097
1018	11	5,802	798	497	1,085	2,381	630	855	941	2,426	1,639
1019	11	4,050	572	351	805	1,728	246	334	404	984	1,144
1020	11	9,621	1,274	793	1,734	3,801	930	1,266	1,412	3,608	2,718
1021	11	8,664	1,082	1,249	1,134	3,465	484	259	900	1,642	2,448
1022	11	47,739	9,916	3,758	5,702	19,376	1,043	2,542	3,494	7,079	13,486
1023	11	19,345	4,130	1,572	2,369	8,070	618	1,541	1,917	4,077	5,465
1024	11	24,634	3,753	2,871	3,554	10,179	2,204	2,197	3,700	8,101	6,959
1025	11	50	14	12	2	29	3	4	1	8	14
1026	11	29,657	4,751	3,628	4,550	12,929	887	850	1,821	3,557	8,378
1027	11	31,514	6,127	8,576	1,654	16,357	4,475	1,620	1,591	7,686	8,903
1028	11	30,606	4,548	9,183	1,746	15,477	3,152	2,466	1,763	7,381	8,646
1029	11	12,766	3,862	2,148	492	6,502	1,168	1,185	1,148	3,500	3,606
1030	11	10,211	3,295	1,054	308	4,657	622	304	749	1,675	2,885
1031	11	21,372	6,801	2,547	689	10,037	1,511	1,155	1,618	4,284	6,038
1032	11	28,548	8,722	4,072	1,000	13,794	2,088	1,833	1,924	5,845	8,065
1033	11	8,609	2,123	1,780	484	4,388	622	500	340	1,462	2,432
1034	11	27,016	5,990	4,852	1,702	12,544	2,479	723	2,549	5,751	7,632

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1035	11	8,941	2,100	1,718	562	4,380	1,716	485	1,651	3,852	2,526
1036	11	15,870	3,757	3,118	919	7,794	1,109	801	891	2,800	4,483
1037	11	8,886	1,901	1,513	592	4,005	208	69	405	682	2,510
1038	11	4,989	1,109	899	314	2,321	290	127	315	731	1,409
1039	11	4,737	1,175	989	260	2,423	462	325	328	1,114	1,338
1040	11	9,188	1,247	1,341	1,389	3,978	235	131	413	779	2,596
1041	11	4,749	647	694	715	2,056	123	69	214	407	1,341
1042	11	13,114	1,882	2,028	2,115	6,025	374	226	644	1,244	3,705
1043	11	14,653	2,111	2,185	1,971	6,268	753	363	824	1,940	4,140
1044	11	17,275	2,552	2,623	2,295	7,469	909	433	960	2,302	4,880
1045	11	29,285	5,234	5,052	3,228	13,515	2,806	1,413	2,113	6,332	8,273
1046	11	9,618	1,388	1,461	1,407	4,256	258	158	411	828	2,717
1047	11	10,569	2,168	2,035	1,075	5,278	763	607	429	1,799	2,986
1048	11	20,118	3,178	3,137	2,277	8,592	1,241	961	1,216	3,418	5,683
1049	11	12,585	1,970	2,030	1,799	5,798	800	478	947	2,225	3,555
1050	11	5,470	897	524	1,004	2,425	539	142	595	1,277	1,545
1051	11	10,000	1,639	986	1,742	4,367	733	197	811	1,741	2,825
1052	11	3,578	636	374	703	1,713	204	53	247	504	1,011
1053	11	3,604	611	354	694	1,659	265	69	310	644	1,018
1054	11	6,245	1,017	595	1,135	2,747	487	126	559	1,172	1,764
1055	11	13,159	2,070	1,230	2,248	5,548	913	231	1,018	2,162	3,718
1056	11	12,594	2,138	1,341	2,086	5,564	1,314	344	1,309	2,968	3,558
1057	11	15,427	2,750	1,763	2,557	7,070	1,684	424	1,516	3,625	4,358
1058	11	10,523	1,654	968	1,850	4,472	572	150	715	1,437	2,973
1059	11	4,455	1,278	171	284	1,733	139	110	656	905	1,259
1060	11	9,826	3,234	527	712	4,473	924	754	4,061	5,738	2,776
1061	11	11,458	3,929	541	871	5,342	331	255	1,523	2,109	3,237
1062	11	5,357	1,539	215	341	2,095	234	185	1,070	1,489	1,513
1063	11	10,557	2,952	958	617	4,527	910	351	1,567	2,828	2,982
1064	11	16,729	4,112	560	912	5,584	431	339	2,069	2,838	4,726
1065	11	14,386	3,564	709	776	5,049	704	398	2,162	3,264	4,064
1066	11	13,500	3,792	628	834	5,254	506	325	1,830	2,661	3,814
1067	11	11,690	3,032	423	672	4,128	304	217	1,334	1,855	3,302
1068	11	15,606	4,229	552	940	5,721	279	205	1,381	1,865	4,409
1069	11	8,774	2,501	777	525	3,804	722	285	1,301	2,308	2,479
1070	11	5,200	1,481	523	307	2,311	445	180	727	1,352	1,469
1071	11	15,834	4,428	815	968	6,210	477	176	1,077	1,729	4,473
1072	11	9,200	2,583	396	570	3,549	337	265	1,513	2,115	2,599
1073	11	26,803	6,130	5,009	2,495	13,635	4,933	905	1,331	7,169	7,572
1074	11	5,976	819	521	1,032	2,371	793	123	425	1,341	1,688
1075	11	2,425	329	208	421	959	326	46	173	545	685
1076	11	18,197	3,886	2,978	2,086	8,950	2,398	1,203	1,406	5,007	5,141
1077	11	9,667	1,856	1,778	1,158	4,792	979	538	493	2,010	2,731
1078	11	7,407	952	1,127	1,659	3,737	706	210	582	1,497	2,093
1079	11	532	149	129	26	304	33	40	16	89	150
1080	11	13,841	1,684	2,026	3,089	6,798	1,619	476	1,390	3,485	3,910
1081	11	8,792	2,582	1,916	491	4,988	705	208	1,795	2,708	2,484
1082	11	19,534	3,433	1,743	2,344	7,520	989	715	3,166	4,870	5,518
1083	11	6,968	1,290	887	682	2,860	397	521	742	1,660	1,968
1084	11	4,622	844	561	485	1,890	198	323	473	994	1,306
1085	11	1,610	336	250	140	726	152	107	148	407	455
1086	11	12,848	2,617	1,089	1,842	5,548	550	1,150	1,490	3,191	3,630
1087	11	9,398	1,476	905	1,500	3,881	428	677	696	1,800	2,655
1088	11	12,648	1,764	880	2,463	5,107	156	1,198	1,185	2,539	3,573
1089	11	3,848	667	436	587	1,689	240	221	237	698	1,087
1090	11	20,496	2,855	1,474	3,822	8,151	2,853	3,879	3,511	10,243	5,790
1091	11	13,258	2,826	559	2,584	5,968	743	413	945	2,100	3,745
1092	11	13,822	2,952	600	2,681	6,233	796	428	982	2,207	3,905
1093	11	13,143	2,680	351	2,650	5,681	668	417	1,020	2,104	3,713
1094	11	11,708	2,421	568	2,115	5,105	789	417	908	2,114	3,307
1095	11	2,289	465	149	362	976	270	110	236	616	647
1096	11	10,108	2,096	505	1,816	4,418	659	377	780	1,815	2,856
1097	11	6,133	1,339	614	837	2,790	829	289	555	1,673	1,733
1098	11	14,780	2,978	386	2,947	6,311	2,471	1,667	3,398	7,536	4,175
1099	11	11,336	2,230	473	2,003	4,706	1,824	1,100	2,217	5,141	3,203
1100	11	13,351	2,642	330	2,629	5,601	721	465	1,104	2,289	3,772
1101	11	15,782	3,445	1,040	2,752	7,237	938	727	1,099	2,764	4,458
1102	11	6,517	1,195	105	1,238	2,538	1,416	969	1,947	4,332	1,841
1103	11	18,822	3,752	384	3,827	7,963	864	538	1,383	2,785	5,317
1104	11	10,847	2,147	270	2,135	4,551	586	378	897	1,862	3,064
1105	11	10,433	2,076	290	2,032	4,398	566	364	855	1,785	2,947
1106	11	10,951	2,268	540	1,973	4,781	762	391	849	2,003	3,094
1107	11	2,519	523	384	219	1,126	268	72	211	551	712
1108	11	3,391	591	378	354	1,323	180	80	331	592	958
1109	11	6,064	1,208	858	560	2,626	740	246	807	1,792	1,713
1110	11	12,021	2,046	1,302	1,233	4,582	755	339	1,384	2,478	3,396

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1111	11	6,659	1,109	715	652	2,476	739	337	1,258	2,334	1,881
1112	11	1,555	286	182	171	639	111	50	199	359	439
1113	11	3,558	703	496	332	1,531	428	145	481	1,055	1,005
1114	11	3,501	733	542	301	1,576	385	100	289	775	989
1251	7	280	48	20	49	117	15	21	12	48	79
1252	7	3,427	606	351	530	1,487	191	377	134	703	968
1253	7	4,159	485	1,051	205	1,741	274	308	223	805	1,175
1254	7	2,884	292	741	132	1,165	190	96	170	456	815
1255	7	4,028	665	740	373	1,778	150	249	251	650	1,138
1256	7	3,131	964	570	59	1,593	325	197	349	871	885
1257	7	5,883	364	658	1,425	2,447	250	694	182	1,126	1,662
1258	7	4,921	667	505	962	2,135	427	370	150	947	1,390
1259	7	5,860	881	664	1,008	2,553	297	430	312	1,040	1,655
1260	7	2,633	340	321	461	1,122	217	163	68	448	744
1261	7	1,278	157	96	285	538	41	93	66	201	361
1262	7	1,738	248	189	327	764	113	142	59	314	491
1263	7	1,125	152	102	231	486	76	105	42	222	318
1264	7	1,970	289	231	354	873	143	232	68	443	557
1265	7	1,699	263	231	274	767	100	164	52	316	480
1266	7	1,156	207	224	120	550	59	39	25	123	327
1267	7	4,579	398	143	1,350	1,891	446	104	175	725	1,294
1268	7	31	6	7	2	15	3	8	1	12	9
1269	7	4,432	346	471	1,037	1,854	370	222	174	766	1,252
1270	7	7,071	431	626	1,825	2,882	594	248	297	1,139	1,998
1271	7	3,627	421	222	862	1,504	369	39	161	569	1,025
1272	7	4,966	359	277	1,391	2,027	151	156	420	727	1,403
1273	7	7,100	848	487	1,633	2,968	337	440	419	1,195	2,006
1274	7	4,251	894	254	709	1,857	177	279	271	727	1,201
1275	7	2,392	504	135	404	1,043	101	146	154	401	676
1276	7	891	187	53	149	389	38	37	56	131	252
1277	7	5,603	1,154	398	908	2,460	217	339	388	944	1,583
1278	7	3,617	460	306	773	1,539	101	215	244	559	1,022
1279	7	2,030	636	197	75	909	191	37	85	314	573
1280	7	7,151	1,968	715	611	3,294	301	409	176	885	2,020
1281	7	5,614	1,570	521	485	2,576	357	403	181	942	1,586
1282	7	2,351	716	123	216	1,056	170	128	86	383	664
1283	7	1,241	381	60	115	555	91	69	46	205	351
1284	7	20,797	3,296	3,888	2,081	9,266	1,517	1,661	897	4,074	5,875
1285	7	29,530	5,968	4,718	2,988	13,675	2,468	3,223	1,036	6,728	8,342
1286	7	11,792	2,428	1,417	1,421	5,265	822	882	499	2,204	3,331
1287	7	55,273	9,168	6,287	8,021	23,475	2,373	2,915	3,332	8,621	15,615
1288	7	47,906	10,177	5,914	5,336	21,427	2,825	3,182	2,719	8,726	13,533
1289	7	72,637	14,633	13,955	6,016	34,603	4,972	2,337	2,193	9,503	20,520
1290	7	26,564	5,286	5,513	2,029	12,828	1,538	397	623	2,558	7,504
1291	7	14,124	2,590	1,809	1,781	6,180	937	510	757	2,205	3,990
1292	7	8,082	1,977	1,420	99	3,496	238	244	677	1,159	2,283
1293	7	5,183	1,266	913	66	2,245	157	170	431	757	1,464
1294	7	7,149	1,738	1,268	99	3,105	215	268	586	1,069	2,020
1295	7	4,025	992	699	41	1,732	114	121	347	582	1,137
1296	7	10,585	2,610	1,836	105	4,551	301	310	916	1,526	2,990
1297	7	9,265	1,651	1,152	1,144	3,946	290	434	651	1,375	2,617
1298	7	10,322	1,844	1,314	1,258	4,415	319	519	711	1,549	2,916
1299	7	17,520	3,106	2,087	2,211	7,405	531	841	1,279	2,651	4,949
1300	7	482	92	98	39	229	24	69	13	105	136
1301	7	5,019	894	621	621	2,136	305	255	228	788	1,418
1302	7	2,448	444	353	276	1,073	149	182	100	430	692
1303	7	3,768	687	561	416	1,663	208	224	146	578	1,064
1304	7	10,033	2,231	749	1,326	4,306	546	263	710	1,519	2,834
1305	7	8,868	1,977	637	1,182	3,797	481	223	637	1,341	2,505
1306	7	15,262	2,896	1,411	2,172	6,479	1,089	748	673	2,510	4,312
1307	7	11,323	2,149	1,048	1,611	4,807	806	558	499	1,863	3,199
1308	7	10,010	1,902	981	1,394	4,277	698	514	430	1,643	2,828
1309	7	20,691	3,926	1,903	2,951	8,780	1,473	1,008	913	3,395	5,845
1310	7	10,453	1,982	942	1,501	4,425	749	508	466	1,723	2,953
1311	7	7,530	1,431	741	1,047	3,219	524	381	323	1,228	2,127
1312	7	8,787	1,667	803	1,256	3,726	628	420	389	1,436	2,482
1313	7	26,728	5,070	2,424	3,831	11,324	1,912	1,301	1,187	4,400	7,551
1314	7	8,193	1,554	733	1,180	3,467	588	399	366	1,353	2,315
1315	7	13,949	2,648	1,311	1,974	5,932	987	709	611	2,307	3,941
1316	7	4,615	877	847	305	2,029	273	273	239	785	1,304
1317	7	4,870	923	879	321	2,123	244	302	263	809	1,376
1318	7	7,722	1,469	1,439	511	3,419	486	508	387	1,381	2,181
1319	7	7,165	1,370	1,389	475	3,234	525	583	324	1,432	2,024
1320	7	15,755	2,963	2,657	1,034	6,655	727	745	984	2,456	4,451
1321	7	23,071	4,334	3,852	1,513	9,699	1,067	1,083	1,469	3,619	6,517
1322	7	17,658	3,320	2,971	1,158	7,449	816	856	1,108	2,780	4,988
1323	7	7,634	1,441	1,334	502	3,278	351	372	441	1,164	2,157
1324	7	55,269	13,766	4,726	5,394	23,886	2,095	1,921	4,326	8,341	15,613
1325	7	48,973	6,002	6,551	7,693	20,247	2,222	1,589	3,547	7,357	13,835
1326	7	40,666	8,242	8,069	2,775	19,086	2,621	1,649	1,667	5,936	11,488
1327	7	10,580	2,198	1,871	728	4,796	675	746	627	2,048	2,989
1328	7	4,354	896	803	299	1,998	316	331	233	880	1,230
1329	7	29,172	8,429	2,056	2,392	12,878	1,466	961	1,964	4,391	8,241
1330	7	2,422	662	210	192	1,064	135	123	126	385	684
1331	7	6,977	1,694	997	521	3,212	607	563	281	1,450	1,971
1332	7	9,881	2,488	1,247	752	4,488	776	672	431	1,879	2,791
1333	7	7,506	2,015	721	590	3,325	455	399	376	1,231	2,121
1334	7	1,643	387	156	172	714	81	108	83	272	464
1335	7	3,380	728	550	290	1,568	329	309	122	760	955
1336	7	2,955	705	252	317	1,273	149	191	157	496	835
1337	7	8,441	1,982	820	877	3,678	442	579	424	1,444	2,385
1338	7	5,284	810	831	648	2,290	315	372	267	953	1,493
1339	7	4,629	668	657	622	1,948	211	257	262	730	1,308
1340	7	2,364	348	347	309	1,004	108	121	128	357	668
1341	7	5,796	832	814	787	2,432	265	308	331	904	1,637
1342	7	1,295	239	273	106	618	146	155	38	339	366
1343	7	5,887	846	830	797	2,473	268	335	336	939	1,663
1344	7	13,118	2,578	2,416	1,183	6,177	1,142	1,778	398	3,318	3,706
1345	7	16,468	3,270	1,610	2,207	7,086	380	1,889	762	3,031	4,652
1346	7	11,240	2,232	1,077	1,517	4,826	189	1,436	528	2,152	3,175
1347	7	14,391	2,858	1,389	1,938	6,184	960	936	827	2,723	4,065
1348	7	2,329	463	213	320	995	155	128	136	419	658
1349	7	8,236	1,635	824	1,094	3,553	165	733	526	1,423	2,327
1350	7	11,287	2,079	1,314	1,404	4,796	507	855	590	1,952	3,189
1351	7	3,384	625	412	412	1,449	165	275	172	612	956
1352	7	6,976	1,386	631	961	2,978	137	222	672	1,031	1,971
1353	7	4,997	992	494	667	2,153	216	221	383	821	1,412
1354	7	5,391	1,071	507	733	2,310	215	251	355	821	1,523
1355	7	12,087	2,401	1,120	1,651	5,171	501	668	806	1,976	3,414
1356	7	8,465	1,682	772	1,162	3,617	350	454	569	1,373	2,391
1357	7	5,543	1,102	495	767	2,363	104	81	567	752	1,566
1358	7	4,695	1,000	972	133	2,106	319	269	252	840	1,326
1359	7	44,859	9,692	6,129	3,325	19,146	1,829	1,117	3,719	6,664	12,673
1360	7	8,013	1,588	925	1,002	3,515	317	330	592	1,238	2,264
1361	7	17,040	3,651	2,267	1,415	7,334	680	853	1,119	2,652	4,814
1362	7	7,373	1,577	996	610	3,182	296	386	477	1,160	2,083
1363	7	14,550	3,118	1,936	1,209	6,263	573	705	926	2,203	4,110
1364	7	48,158	10,371	6,148	4,043	20,563	1,964	2,437	3,333	7,735	13,605
1365	7	3,807	821	658	294	1,773	340	383	149	872	1,075
1366	7	6,159	1,456	710	538	2,704	354	301	347	1,002	1,740
1367	7	8,303	1,897	1,141	693	3,731	575	556	412	1,543	2,346
1368	7	3,033	603	275	417	1,295	97	109	239	445	857
1369	7	11,596	2,527	970	1,516	5,013	709	270	754	1,732	3,276
1370	7	3,315	682	215	538	1,435	134	56	274	463	937
1371	7	10,299	2,299	626	1,507	4,432	428	135	903	1,465	2,909
1372	7	8,121	1,790	632	1,123	3,545	417	257	574	1,249	2,294
1373	7	8,144	1,807	564	1,159	3,530	218	504	689	1,410	2,301
1374	7	2,312	553	306	148	1,007	122	136	168	427	653
1375	7	3,752	818	344	494	1,657	148	240	305	692	1,060
1376	7	3,642	867	531	188	1,586	214	79	252	544	1,029
1377	7	2,892	600	450	294	1,345	212	242	175	628	817
1378	7	6,480	1,405	1,194	225	2,824	217	286	514	1,016	1,831
1379	7	6,698	1,456	644	869	2,969	275	324	487	1,086	1,892
1380	7	1,219	243	156	142	542	83	61	43	187	344
1381	7	2,619	517	469	241	1,227	238	272	75	586	740
1382	7	2,693	537	372	301	1,210	188	194	92	474	761
1383	7	16,923	3,332	3,309	1,419	8,060	1,812	2,071	454	4,337	4,781
1384	7	1,568	3,059	3,349	1,170	7,578	1,799	84	123	2,006	443
1385	7	10,510	2,060	2,201	813	5,075	1,151	1,168	249	2,568	2,969
1386	7	7,875	1,261	766	1,312	3,340	336	1,000	436	1,772	2,225
1387	7	20,807	3,248	1,821	3,567	8,637	1,393	2,306	1,689	5,388	5,878
1388	7	11,074	1,890	1,207	1,893	4,990	740	1,691	883	3,315	3,128
1389	7	5,493	818	519	822	2,159	333	777	395	1,505	1,552
1390	7	6,834	1,083	575	1,229	2,886	470	727	582	1,778	1,931
1391	7	16,552	3,059	3,133	1,612	7,804	1,622	2,322	532	4,476	4,676
1392	7	1,533	251	170	240	660	68	89	76	232	433
1393	7	3,512	580	407	537	1,523	149	388	175	712	992
1394	7	5,389	890	623	824	2,337	273	434	264	971	1,522
1395	7	11,930	1,999	1,491	1,739	5,229	728	978	558	2,264	3,370
1396	7	2,059	337	226	324	887	89	134	103	325	582
1397	7	12,144	2,265	2,374	1,127	5,766	1,325	1,381	363	3,069	3,431
1398	7	4,730	768	497	760	2,025	205	300	241	746	1,336

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1399	7	2,834	461	303	452	1,216	125	173	143	442	801
1400	7	6,862	1,269	1,302	666	3,237	719	751	214	1,685	1,939
1401	7	8,787	1,376	739	1,551	3,667	373	582	501	1,456	2,482
1402	7	5,172	850	585	800	2,235	250	461	258	969	1,461
1403	7	221	43	51	15	109	8	74	6	88	62
1404	7	25,829	4,229	2,839	4,068	11,136	1,230	2,812	1,332	5,374	7,297
1405	7	1	0	0	0	0	0	0	0	0	0
1406	7	11,065	1,765	1,050	1,864	4,680	463	929	604	1,996	3,126
1407	7	7,496	1,240	1,076	892	3,208	517	1,244	403	2,163	2,118
1408	7	8,701	1,597	1,605	880	4,081	835	1,145	288	2,268	2,458
1409	7	4,629	825	764	536	2,125	352	764	180	1,296	1,308
1410	7	10,104	1,635	1,046	1,636	4,318	429	1,072	535	2,036	2,854
1411	7	2,296	380	270	347	998	99	170	110	378	649
1412	7	4,624	723	386	819	1,928	195	304	264	763	1,306
1413	7	2,914	498	399	399	1,295	125	466	133	723	823
1414	7	2,339	421	402	259	1,082	159	68	75	302	661
1415	7	25,000	4,025	2,511	4,107	10,644	1,100	1,841	1,318	4,259	7,063
1416	7	10,710	871	977	2,536	4,384	473	859	577	1,910	3,026
1417	7	38,691	7,442	8,716	2,791	18,949	2,826	833	663	4,322	10,930
1418	7	13,011	1,088	1,223	3,036	5,348	574	1,475	706	2,755	3,675
1419	7	8,736	676	755	2,120	3,552	391	594	478	1,463	2,468
1420	7	8,357	639	714	2,008	3,360	590	910	664	2,164	2,361
1421	7	10,596	1,448	1,674	1,640	4,762	613	1,294	403	2,310	2,993
1422	7	8,819	770	868	2,011	3,648	416	857	464	1,737	2,491
1423	7	1,849	163	184	419	766	81	241	99	421	522
1424	7	1,764	138	155	369	661	110	246	126	482	498
1425	7	6,020	475	531	1,447	2,454	273	397	326	996	1,701
1426	7	2,989	211	238	554	1,002	165	331	192	688	844
1427	7	10,345	1,016	1,155	2,190	4,361	579	965	510	2,054	2,923
1428	7	15,558	2,341	2,719	2,088	7,148	824	1,459	504	2,786	4,395
1429	7	3,582	9,454	11,361	3,875	24,690	3,788	468	233	4,489	1,012
1430	7	16,780	5,035	7,223	4,620	16,878	1,465	2,384	552	4,402	4,740
1431	7	9,250	1,321	1,779	959	4,059	292	4,140	328	4,760	2,613
1432	7	22,519	1,393	3,373	4,276	9,042	414	3,218	678	4,309	6,362
1433	7	13,011	1,685	3,001	2,818	7,503	492	1,815	402	2,709	3,676
1434	7	13,757	3,384	5,050	3,531	11,964	1,146	1,918	446	3,510	3,886
1435	7	-	2,494	2,922	860	6,276	1,335	-	46	1,381	-
1436	7	-	1,281	1,501	442	3,224	668	-	23	691	-
1437	7	672	3,789	4,493	1,422	9,704	1,819	87	82	1,988	190
1438	7	3,306	263	460	422	1,146	82	688	106	876	934
1439	7	1,06,989	8,565	16,932	18,700	44,197	3,292	13,627	3,570	20,490	30,224
1440	7	61,362	9,682	12,638	6,291	28,611	6,054	8,534	1,608	16,195	17,335
1441	7	4,852	283	616	745	1,644	179	767	206	1,152	1,371
1442	7	6,863	467	1,036	1,276	2,779	193	895	245	1,332	1,939
1443	7	12,822	1,564	2,359	1,742	5,665	816	1,824	385	3,024	3,622
1444	7	9,971	1,181	1,813	1,387	4,381	566	1,621	301	2,488	2,817
1445	7	15,857	1,636	2,734	2,430	6,800	648	2,456	511	3,615	4,480
1446	7	11,359	1,720	2,295	1,231	5,247	866	1,705	301	2,871	3,209
1447	7	618	101	129	59	290	25	225	19	269	175
1448	7	35,263	5,607	7,154	3,264	16,025	2,848	7,790	1,049	11,688	9,962
1449	7	2,013	357	434	159	951	157	489	54	700	569
1450	7	11,294	1,671	2,258	1,261	5,190	585	2,978	394	3,957	3,191
1451	7	13,352	2,222	2,778	1,164	6,164	1,129	2,917	380	4,426	3,772
1452	7	20,750	2,419	3,749	2,922	9,090	901	3,797	647	5,345	5,862
1453	7	10,217	1,949	2,311	734	4,994	1,034	2,173	249	3,456	2,886
1454	7	56,069	7,053	10,447	7,417	24,916	2,362	11,610	1,860	15,831	15,839
1455	7	29,241	2,421	4,677	5,037	12,135	881	3,421	938	5,240	8,261
1456	7	16,880	1,850	2,978	2,487	7,315	702	3,676	640	5,019	4,769
1457	7	55,923	5,653	9,416	9,156	24,225	734	15,051	2,888	18,673	15,798
1458	7	11,793	1,993	2,501	1,116	5,610	341	4,771	433	5,545	3,331
1459	7	80,831	11,203	15,560	10,141	36,905	7,129	27,327	3,518	37,975	22,835
1551	4	85,328	16,847	19,540	8,589	44,976	7,637	5,320	3,239	16,196	24,105
1552	4	18,676	3,828	4,518	1,817	10,164	2,485	1,854	705	5,044	5,276
1553	4	92,456	19,487	23,183	8,934	51,604	9,848	2,704	2,927	15,479	26,119
1554	4	49,006	10,430	8,780	4,502	23,712	3,802	5,551	2,490	11,843	13,844
1555	4	23,714	5,018	4,244	2,166	11,428	1,804	2,120	1,056	4,980	6,699
1556	4	57,144	12,460	12,211	5,351	30,021	6,444	4,440	2,381	13,265	16,143
1557	4	14,452	3,379	3,391	1,322	8,092	1,898	1,499	515	3,912	4,083
1558	4	16,392	4,548	1,977	1,343	7,868	1,652	858	772	3,282	4,631
1559	4	17,535	4,809	1,974	1,401	8,183	1,066	691	650	2,407	4,954
1560	4	11,647	3,346	1,624	618	5,588	214	152	301	667	3,290
1561	4	10,775	5,889	2,726	1,043	9,657	756	276	423	1,455	3,044
1562	4	50,627	6,700	5,495	5,572	17,768	948	630	1,333	2,911	14,302
1563	4	17,400	3,605	3,364	2,063	9,032	2,162	893	558	3,613	4,915
1564	4	16,756	3,359	2,574	2,221	8,154	955	852	488	2,295	4,734
1565	4	16,752	3,017	3,183	1,924	8,124	819	1,134	477	2,430	4,732

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1566	4	12,511	2,407	2,662	1,367	6,435	1,226	1,049	397	2,673	3,534
1567	4	8,727	1,408	704	1,639	3,752	83	46	202	331	2,465
1568	4	15,075	2,573	1,672	2,595	6,840	390	433	382	1,206	4,259
1569	4	16,295	2,475	2,918	1,636	7,029	2,449	860	1,538	4,847	4,603
1570	4	20,432	3,130	3,702	1,976	8,808	2,040	1,073	1,396	4,508	5,772
1571	4	24,429	3,749	4,427	2,425	10,602	2,412	965	1,654	5,031	6,901
1572	4	59,746	10,930	7,123	7,958	26,011	7,175	3,464	3,876	14,515	16,878
1573	4	30,435	5,925	4,697	3,860	14,482	3,403	2,067	1,700	7,171	8,598
1574	4	6,371	1,049	998	813	2,859	378	632	709	1,719	1,800
1575	4	26,200	2,110	2,110	4,466	8,686	502	615	3,684	4,800	7,402
1576	4	23,506	2,793	3,899	2,477	9,169	1,918	1,197	2,546	5,660	6,641
1577	4	42,391	7,813	8,704	5,029	21,546	12,584	4,918	2,624	20,125	11,975
1578	4	57,068	8,513	8,353	8,079	24,946	5,194	2,470	3,514	11,178	16,122
1579	4	51,984	8,528	8,896	6,877	24,300	6,004	2,360	2,875	11,239	14,686
1580	4	67,751	5,519	2,282	10,616	18,417	4,448	3,128	3,847	11,423	19,140
1581	4	23,300	4,070	4,010	3,445	11,525	3,007	2,228	1,275	6,510	6,582
1582	4	62,717	9,178	7,111	11,406	27,695	6,863	4,505	3,674	15,043	17,717
1583	4	39,661	3,507	1,542	6,571	11,620	3,472	2,434	2,671	8,576	11,204
1584	4	11,307	803	2,155	1,745	4,703	1,143	1,208	1,207	3,557	3,194
1585	4	17,252	1,585	3,487	2,535	7,607	1,693	1,871	1,586	5,150	4,874
1586	4	54,152	1,563	7,900	7,781	17,244	5,308	5,682	6,516	17,506	15,298
1587	4	21,603	1,700	1,756	3,140	6,596	712	1,014	3,329	5,055	6,103
1588	4	36,983	2,831	2,816	6,113	11,760	625	847	3,530	5,002	10,448
1589	4	22,134	1,740	1,726	3,789	7,255	747	527	3,345	4,619	6,253
1590	4	27,544	5,412	4,867	445	10,724	458	501	3,000	3,959	7,781
1591	4	9,127	2,822	652	251	3,725	652	461	1,134	2,247	2,578
1592	4	13,891	1,178	1,189	2,402	4,768	540	358	1,892	2,791	3,924
1593	4	8,102	1,572	1,423	937	3,933	773	524	758	2,055	2,289
1594	4	38,805	9,295	5,152	3,093	17,540	2,906	2,062	2,824	7,793	10,962
1595	4	4,713	1,258	574	263	2,095	444	75	686	1,206	1,331
1596	4	13,139	3,328	2,192	890	6,409	2,031	413	1,780	4,224	3,712
1597	4	9,291	3,052	921	307	4,280	1,273	369	676	2,318	2,625
1598	4	8,734	1,856	1,255	644	3,755	996	347	992	2,335	2,467
1599	4	2,658	558	375	214	1,146	361	111	288	759	751
1600	4	9,199	1,923	1,284	737	3,944	2,701	822	1,947	5,470	2,599
1601	4	3,702	774	535	422	1,731	982	473	1,027	2,482	1,046
1602	4	4,284	889	566	495	1,951	1,178	586	1,308	3,073	1,210
1603	4	7,989	1,857	1,030	933	3,820	1,591	256	577	2,425	2,257
1604	4	6,779	1,046	917	943	2,906	869	204	630	1,703	1,915
1605	4	18,996	3,305	2,171	2,855	8,332	1,749	691	840	3,279	5,366
1606	4	9,574	1,701	1,346	1,288	4,336	1,826	674	619	3,118	2,705
1607	4	12,479	2,341	2,104	1,573	6,018	2,438	968	796	4,203	3,525
1608	4	26,322	4,740	3,939	3,440	12,119	7,781	3,859	2,569	14,210	7,436
1609	4	16,556	2,248	2,710	1,900	6,857	2,285	536	914	3,735	4,677
1610	4	11,930	1,665	2,007	1,367	5,040	2,227	973	1,205	4,405	3,370
1611	4	5,980	910	852	770	2,532	1,374	971	988	3,333	1,689
1612	4	19,524	2,558	3,478	1,951	7,987	985	2,021	2,397	5,403	5,516
1613	4	8,242	847	1,237	1,126	3,210	358	564	1,181	2,102	2,328
1614	4	1,561	295	227	130	652	206	260	274	741	441
1615	4	6,300	939	1,132	708	2,779	771	290	520	1,580	1,780
1616	4	15,971	2,694	2,055	1,682	6,430	102	1,690	981	2,772	4,512
1617	4	14,620	2,630	2,031	1,630	6,291	113	1,532	890	2,535	4,130
1618	4	7,738	1,451	1,122	899	3,471	74	770	455	1,298	2,186
1619	4	11,213	638	3,352	1,026	5,016	233	486	1,321	2,041	3,168
1620	4	17,390	2,448	3,273	2,628	8,349	3,368	4,219	2,408	9,994	4,913
1621	4	9,821	1,200	1,666	1,596	4,462	1,187	1,538	971	3,696	2,775
1622	4	19,888	1,624	4,122	3,164	8,911	1,080	2,710	2,011	5,801	5,618
1623	4	13,636	930	2,725	2,230	5,885	478	1,400	1,127	3,005	3,852
1624	4	16,386	1,062	3,457	2,941	7,460	575	2,269	1,757	4,602	4,629
1625	4	25,215	4,126	3,335	2,973	10,433	1,875	2,248	2,248	6,371	7,123
1626	4	17,260	2,869	2,213	1,947	7,029	1,183	1,139	1,656	3,978	4,876
1627	4	31,426	5,276	3,842	3,712	12,829	1,490	1,748	2,704	5,942	8,878
1628	4	11,298	1,951	1,402	1,384	4,737	363	448	767	1,578	3,192
1629	4	23,515	4,107	4,048	2,911	11,066	1,337	2,344	914	4,595	6,643
1630	4	16,404	3,030	3,289	1,893	8,212	4,602	1,683	1,564	7,850	4,634
1631	4	21,552	4,186	4,000	2,343	10,529	1,738	1,749	1,032	4,519	6,088
1632	4	36,885	6,500	5,863	3,823	16,185	4,258	4,432	2,707	11,397	10,420
1633	4	22,164	4,111	3,900	2,316	10,328	2,546	2,727	1,512	6,785	6,261
1634	4	15,566	3,084	2,934	1,733	7,751	1,966	1,988	1,123	5,076	4,397
1635	4	14,517	2,822	2,853	1,497	7,173	1,613	1,300	740	3,653	4,101
1636	4	16,513	3,273	3,124	1,834	8,231	2,136	2,038	1,178	5,352	4,665
1637	4	17,302	1,292	3,522	2,989	7,804	721	729	761	2,211	4,888
1638	4	5,907	1,679	646	525	2,849	234	208	897	1,339	1,669
1639	4	21,352	5,334	2,065	1,586	8,985	950	1,062	2,663	4,675	6,032
1640	4	8,564	3,439	237	234	3,911	318	510	544	1,373	2,419
1641	4	16,232	3,250	2,192	1,930	7,371	799	979	1,040	2,819	4,586

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1642	4	15,759	2,823	2,053	1,964	6,840	950	581	1,831	3,362	4,452
1643	4	17,152	3,118	2,338	1,851	7,307	2,877	2,986	2,315	8,178	4,846
1644	4	31,251	5,998	4,881	3,421	14,300	3,279	2,388	2,041	7,708	8,828
1645	4	9,661	1,658	1,971	1,151	4,780	1,661	770	695	3,126	2,729
1646	4	13,728	2,301	2,646	1,552	6,499	2,781	1,552	3,105	7,438	3,878
1647	4	13,289	1,974	2,211	1,583	5,769	1,061	551	1,513	3,125	3,754
1648	4	28,242	4,252	4,776	3,353	12,381	3,187	1,652	4,259	9,098	7,978
1649	4	19,924	3,519	4,112	2,094	9,725	2,497	712	1,115	4,325	5,629
1650	4	22,857	4,024	4,699	2,413	11,137	2,220	1,700	1,508	5,428	6,457
1651	4	18,246	4,838	2,636	1,260	8,733	3,427	1,008	3,953	8,388	5,155
1652	4	5,762	1,273	1,047	516	2,835	1,746	1,089	1,034	3,869	1,628
1653	4	3,286	752	427	295	1,474	1,189	899	880	2,968	928
1654	4	7,508	1,390	1,522	909	3,822	1,683	614	2,607	4,903	2,121
1655	4	4,303	766	543	553	1,861	671	394	1,799	2,863	1,216
1656	4	12,652	2,807	2,442	1,128	6,377	3,531	1,689	2,331	7,552	3,574
1657	4	6,173	1,420	1,009	554	2,984	1,263	712	1,075	3,049	1,744
1658	4	5,268	1,206	908	474	2,588	1,034	666	873	2,573	1,488
1659	4	3,228	707	532	278	1,516	915	564	753	2,232	912
1660	4	7,957	1,748	1,326	688	3,762	1,914	1,142	1,585	4,641	2,248
1661	4	5,902	2,180	517	170	2,867	795	363	332	1,490	1,667
1662	4	13,161	4,814	1,212	400	6,426	3,156	1,612	1,160	5,928	3,718
1663	4	8,592	1,316	1,586	1,064	3,967	1,015	794	1,143	2,952	2,427
1664	4	8,072	1,122	1,352	1,054	3,528	556	610	869	2,035	2,280
1665	4	7,355	879	1,861	901	3,642	2,341	5,327	2,927	10,596	2,078
1666	4	9,181	756	2,235	1,193	4,184	2,172	5,242	2,935	10,349	2,594
1667	4	7,518	1,066	1,285	875	3,226	1,262	1,114	1,106	3,482	2,124
1668	4	24,569	3,829	4,403	2,311	10,543	1,156	1,965	2,607	5,728	6,941
1669	4	5,153	916	878	668	2,462	1,534	2,881	1,331	5,746	1,456
1670	4	11,289	522	2,948	1,169	4,639	975	2,866	2,481	6,323	3,189
1671	4	7,073	491	1,876	733	3,100	901	2,442	2,028	5,371	1,998
1672	4	9,011	996	1,822	816	3,634	333	804	882	2,019	2,546
1673	4	21,053	2,506	4,498	1,999	9,004	767	1,790	1,902	4,459	5,948
1674	4	10,108	2,899	1,219	252	4,370	261	997	890	2,147	2,855
1675	4	19,560	2,857	3,444	2,403	8,704	1,418	964	1,129	3,510	5,526
1676	4	20,002	2,881	3,472	2,577	8,930	900	2,312	1,678	4,890	5,651
1677	4	6,285	1,008	1,209	472	2,689	292	546	526	1,364	1,775
1678	4	5,759	904	928	652	2,484	150	197	274	620	1,627
1679	4	12,122	2,023	2,218	1,333	5,573	1,740	1,871	2,026	5,637	3,425
1680	4	25,606	4,608	5,150	2,834	12,593	1,931	1,737	1,528	5,197	7,234
1681	4	4,671	882	775	408	2,064	781	752	1,412	2,945	1,319
1682	4	5,589	1,047	902	486	2,436	870	838	1,596	3,304	1,579
1683	4	4,665	869	737	405	2,012	630	610	1,179	2,418	1,318
1684	4	9,820	1,794	1,535	835	4,164	379	347	792	1,518	2,774
1685	4	7,231	1,090	719	889	2,697	283	212	698	1,194	2,043
1686	4	29,880	3,098	4,567	3,360	11,024	1,217	857	4,510	6,583	8,441
1687	4	10,010	2,344	1,186	881	4,412	3,144	1,074	1,956	6,174	2,828
1688	4	1,690	370	198	140	707	318	104	210	633	477
1689	4	3,635	741	529	440	1,710	1,664	305	806	2,775	1,027
1690	4	12,148	2,474	1,259	1,643	5,376	5,060	896	2,766	8,722	3,432
1691	4	6,658	1,181	815	999	2,995	3,846	1,536	3,602	8,984	1,881
1692	4	5,095	935	702	744	2,382	2,181	886	2,035	5,103	1,439
1693	4	5,822	1,026	700	757	2,483	3,440	379	1,205	5,025	1,645
1694	4	2,559	468	303	355	1,126	966	75	900	1,941	723
1695	4	6,801	1,276	870	941	3,088	776	268	2,655	3,699	1,921
1696	4	21,684	2,955	3,559	2,876	9,390	1,946	395	1,416	3,758	6,126
1697	4	4,638	652	785	600	2,036	1,718	386	969	3,073	1,310
1698	4	16,653	1,241	2,052	3,481	6,774	700	1,030	1,669	3,398	4,705
1699	4	9,493	1,288	1,552	1,227	4,067	309	1,256	546	2,111	2,682
1700	4	5,294	1,002	479	836	2,318	444	165	1,469	2,077	1,496
1701	4	10,480	2,054	1,050	1,676	4,780	741	290	2,333	3,364	2,961
1702	4	13,136	2,530	1,446	1,585	5,561	420	468	3,555	4,442	3,711
1703	4	3,195	572	472	335	1,379	285	167	584	1,036	903
1704	4	6,332	1,182	797	767	2,746	519	304	1,231	2,053	1,789
1705	4	14,238	2,026	1,881	2,094	6,001	2,247	1,508	1,859	5,614	4,022
1706	4	2,485	740	278	69	1,088	352	246	952	1,550	702
1707	4	3,067	972	363	90	1,425	236	180	654	1,071	866
1708	4	2,642	827	335	87	1,250	244	188	649	1,081	746
1709	4	14,458	3,966	1,834	1,055	6,855	2,869	1,429	4,233	8,530	4,084
1710	4	8,279	301	1,250	2,067	3,617	656	401	1,505	2,563	2,339
1711	4	4,372	1,556	182	274	2,012	603	262	703	1,568	1,235
1712	4	9,090	3,361	467	609	4,437	797	341	967	2,105	2,568
1801	5	10,581	1,829	1,803	1,123	4,755	1,105	641	355	2,102	2,989
1802	5	8,733	1,408	1,448	967	3,823	3,971	1,592	2,896	8,459	2,467
1803	5	9,805	1,687	1,677	1,060	4,424	692	563	112	1,366	2,770
1804	5	31,554	5,024	5,377	3,807	14,208	2,676	1,044	818	4,538	8,914
1805	5	23,407	2,657	4,300	2,668	9,626	963	947	3,345	5,254	6,612

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1806	5	10,304	1,497	2,004	1,095	4,596	902	351	943	2,196	2,911
1807	5	30,309	1,093	3,180	6,818	11,091	1,401	1,233	2,224	4,858	8,562
1808	5	10,701	1,481	1,607	1,805	4,893	4,621	4,891	9,390	18,902	3,023
1809	5	30,728	805	3,259	7,545	11,608	2,747	2,887	6,387	12,021	8,681
1810	5	12,281	4,419	2,941	405	7,765	6,604	5,539	5,358	17,502	3,469
1811	5	9,620	3,560	2,387	282	6,229	7,019	7,206	8,522	22,747	2,718
1812	5	21,310	4,443	1,588	3,766	9,797	4,157	3,821	4,925	12,904	6,020
1813	5	3,716	1,375	922	109	2,406	9,168	8,595	13,402	31,165	1,050
1814	5	6,063	2,244	1,504	178	3,926	2,696	3,053	779	6,528	1,713
1815	5	13,825	4,949	3,050	907	8,906	6,744	10,799	3,364	20,907	3,905
1816	5	5,565	1,832	1,067	455	3,354	2,906	4,609	1,585	9,100	1,572
1817	5	1,237	458	307	36	801	1,632	3,030	1,089	5,750	350
1818	5	8,696	3,122	2,022	385	5,528	4,174	5,142	1,469	10,784	2,457
1819	5	6,335	2,147	1,140	747	4,033	1,597	1,932	595	4,123	1,790
1820	5	2,641	977	655	77	1,710	2,902	4,924	1,796	9,622	746
1821	5	4,801	1,859	874	396	3,128	1,709	864	262	2,835	1,356
1822	5	7,945	1,979	1,233	605	3,817	784	865	477	2,126	2,244
1823	5	3,986	1,208	766	304	2,278	2,154	2,278	1,416	5,849	1,126
1824	5	12,615	3,206	1,994	991	6,191	860	822	438	2,120	3,564
1825	5	3,886	1,281	854	125	2,259	2,966	2,720	1,509	7,196	1,098
1826	5	926	343	230	27	600	1,861	1,945	1,227	5,033	262
1827	5	6,819	2,065	1,307	531	3,903	2,379	2,251	1,378	6,008	1,926
1828	5	1,723	638	428	51	1,116	2,240	2,056	1,275	5,571	487
1829	5	1,736	642	431	51	1,124	1,818	1,999	1,091	4,908	490
1830	5	17,525	4,122	2,461	1,973	8,555	1,205	1,723	1,331	4,260	4,951
1831	5	14,408	3,516	2,542	1,380	7,439	1,544	1,327	1,202	4,072	4,070
1832	5	1,850	684	459	54	1,198	692	686	823	2,202	523
1833	5	2,604	782	499	127	1,408	214	280	248	743	736
1834	5	1,018	377	253	30	659	342	256	252	850	288
1835	5	12,347	3,219	2,021	620	5,859	559	590	649	1,797	3,488
1836	5	13,335	4,640	3,169	542	8,351	7,759	6,067	1,917	15,743	3,767
1837	5	1,699	629	421	50	1,100	790	603	124	1,516	480
1838	5	6,686	2,474	1,659	196	4,329	7,022	5,245	1,944	14,211	1,889
1839	5	1,700	502	363	117	982	1,499	1,158	448	3,105	480
1840	5	3,323	261	269	830	1,359	267	51	115	433	939
1841	5	13,027	1,136	1,124	3,212	5,472	793	211	242	1,246	3,680
1842	5	5,499	1,825	622	259	2,707	1,856	87	1,327	3,270	1,553
1843	5	3,523	1,336	346	125	1,807	411	17	217	645	995
1844	5	2,345	594	164	310	1,068	87	70	100	256	662
1845	5	11,972	3,139	1,355	1,233	5,726	1,121	325	846	2,291	3,382
1846	5	4,166	1,515	243	383	2,142	3,003	697	914	4,614	1,177
1847	5	7,755	2,800	663	636	4,099	6,086	1,374	1,734	9,194	2,191
1848	5	5,011	1,750	684	305	2,739	2,670	664	625	3,959	1,416
1849	5	33,374	10,904	4,058	2,769	17,731	8,682	2,371	999	12,052	9,428
1850	5	24,086	8,285	3,067	2,114	13,466	13,359	9,109	2,673	25,142	6,804
1851	5	11,861	3,679	982	1,161	5,821	2,158	530	259	2,947	3,351
1852	5	17,465	4,917	2,279	1,588	8,785	2,963	1,332	452	4,748	4,934
1853	5	28,180	7,352	3,073	2,770	13,195	5,663	979	1,263	7,906	7,961
1854	5	9,011	2,209	805	971	3,985	1,546	230	473	2,249	2,546
1855	5	22,815	6,453	3,022	2,048	11,523	3,946	923	555	5,423	6,445
1856	5	12,366	3,155	1,189	1,342	5,686	1,990	324	621	2,935	3,493
1857	5	5,260	1,492	704	467	2,664	1,347	286	329	1,962	1,486
1858	5	6,296	1,486	489	716	2,691	803	122	287	1,212	1,779
1859	5	9,142	2,373	1,025	947	4,344	1,441	329	234	2,004	2,583
1860	5	7,857	1,716	485	1,027	3,228	798	146	395	1,339	2,220
1861	5	4,989	1,071	307	635	2,013	391	75	190	656	1,409
1862	5	12,399	3,033	1,087	1,509	5,628	1,997	468	730	3,195	3,503
1863	5	13,018	2,954	853	1,744	5,552	1,807	347	873	3,027	3,678
1864	5	5,279	1,288	415	703	2,406	393	111	149	653	1,491
1865	5	5,328	1,741	278	401	2,420	666	133	418	1,216	1,505
1866	5	20,588	7,367	1,248	1,675	10,291	2,666	510	1,478	4,654	5,816
1867	5	36,509	9,667	4,140	3,808	17,614	9,735	2,202	3,859	15,796	10,314
1868	5	25,448	6,229	2,582	2,564	11,375	3,514	903	1,218	5,635	7,189
1869	5	12,952	3,105	1,123	1,492	5,720	1,411	333	716	2,459	3,659
1870	5	6,360	1,774	865	562	3,200	1,333	355	350	2,038	1,797
1871	5	23,863	6,391	2,658	2,620	11,669	3,523	975	1,344	5,842	6,741
1872	5	13,354	3,290	1,209	1,555	6,054	1,397	337	666	2,400	3,772
1873	5	14,055	3,734	2,230	1,601	7,565	5,846	2,121	1,439	9,406	3,971
1874	5	14,419	3,321	1,850	2,056	7,227	8,036	2,978	2,558	13,572	4,073
1875	5	14,400	3,359	1,887	2,005	7,252	4,964	1,874	1,412	8,250	4,068
1876	5	6,004	1,579	563	723	2,865	368	219	516	1,103	1,696
1877	5	13,691	4,342	1,169	1,285	6,795	3,640	566	2,453	6,660	3,868
1878	5	23,813	4,964	2,949	2,925	10,838	1,442	958	1,237	3,637	6,727
1879	5	4,398	942	569	492	2,003	409	264	324	997	1,242
1880	5	50,931	14,799	7,866	1,568	24,233	3,718	1,426	1,547	6,691	14,388
1881	5	38,827	4,804	4,398	6,964	16,166	2,715	805	869	4,389	10,969

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1882	5	12,381	1,457	1,360	2,257	5,074	833	223	291	1,347	3,498
1883	5	15,113	2,126	1,831	2,435	6,392	1,655	492	405	2,552	4,269
1884	5	15,973	2,235	1,928	2,579	6,742	1,777	507	426	2,710	4,512
1885	5	13,841	2,124	1,776	2,136	6,036	1,606	666	379	2,651	3,910
1886	5	21,604	2,222	3,265	3,922	9,408	688	421	901	2,010	6,103
1887	5	71,191	21,248	16,272	4,468	41,988	11,238	488	963	12,690	20,112
1888	5	7,100	750	1,251	1,089	3,089	618	139	350	1,108	2,006
1889	5	29,471	7,418	2,905	2,983	13,305	2,045	772	2,855	5,672	8,325
1890	5	13,880	3,317	1,375	1,246	5,938	436	227	460	1,123	3,921
1891	5	33,233	11,351	320	3,580	15,251	2,992	505	3,077	6,575	9,388
1892	5	9,047	2,896	90	910	3,897	413	83	403	899	2,556
1893	5	7,132	1,438	889	1,014	3,340	1,307	432	776	2,515	2,015
1894	5	18,835	4,648	1,291	2,316	8,254	964	474	995	2,434	5,321
1895	5	15,667	2,666	1,209	2,736	6,611	1,450	844	688	2,982	4,426
1896	5	4,520	1,002	314	575	1,891	472	263	371	1,107	1,277
1897	5	5,944	1,280	333	831	2,444	294	159	297	750	1,679
1898	5	6,889	1,455	380	942	2,777	526	286	536	1,348	1,946
1899	5	12,246	3,846	802	1,306	5,954	1,056	440	707	2,203	3,460
1900	5	4,856	1,546	232	576	2,354	318	159	314	792	1,372
1901	5	9,750	3,143	622	1,086	4,852	805	425	581	1,811	2,754
1902	5	21,995	2,469	4,967	2,474	9,909	574	606	727	1,907	6,214
1903	5	8,080	2,210	233	1,290	3,733	724	229	418	1,371	2,283
1904	5	9,852	2,366	236	1,393	3,995	622	165	364	1,151	2,783
1905	5	6,994	2,060	457	988	3,505	965	448	379	1,792	1,976
1906	5	8,648	2,223	246	1,287	3,756	805	189	417	1,411	2,443
1907	5	11,592	3,095	205	1,914	5,214	994	240	643	1,877	3,275
1908	5	8,155	2,197	133	1,371	3,701	743	178	484	1,405	2,304
1909	5	6,432	1,565	116	957	2,637	913	218	593	1,723	1,817
1910	5	4,570	1,248	84	771	2,103	525	125	340	989	1,291
1911	5	6,187	1,491	121	902	2,513	800	193	516	1,509	1,748
1912	5	5,309	1,355	89	839	2,283	470	112	304	886	1,500
1913	5	13,108	3,621	768	1,769	6,158	1,775	674	713	3,162	3,703
1914	5	2,235	626	68	364	1,057	197	54	119	370	631
1915	5	4,208	1,156	71	720	1,947	368	85	239	693	1,189
1916	5	8,543	2,307	177	1,405	3,889	827	202	515	1,544	2,413
1917	5	9,713	2,459	160	1,523	4,142	1,033	245	673	1,952	2,744
1918	5	9,179	2,339	136	1,464	3,939	779	182	509	1,471	2,593
1919	5	10,076	2,551	147	1,598	4,296	932	217	611	1,760	2,846
1920	5	13,139	3,442	187	2,166	5,795	439	101	284	824	3,712
1921	5	21,454	5,236	2,668	2,697	10,600	2,555	943	1,297	4,795	6,061
1922	5	12,698	2,901	1,490	1,463	5,854	910	324	419	1,653	3,587
1923	5	7,232	1,808	917	944	3,669	943	359	516	1,818	2,043
1924	5	8,808	2,404	1,038	1,030	4,472	6,586	5,551	9,162	21,300	2,488
1925	5	4,865	1,116	314	724	2,154	344	279	479	1,101	1,374
1926	5	21,473	5,459	1,740	3,245	10,444	1,550	1,179	1,339	4,068	6,066
1927	5	5,307	1,207	330	798	2,335	361	301	512	1,174	1,499
1928	5	1,250	311	138	128	576	2,370	2,058	3,600	8,027	353
1929	5	1,973	446	119	299	864	134	108	193	435	558
1930	5	529	147	62	49	259	3,683	582	1,657	5,922	149
1931	5	1,320	344	84	177	606	2,782	440	1,251	4,473	373
1932	5	1,356	382	132	157	671	5,440	873	2,444	8,758	383
1933	5	1,092	319	129	112	560	5,196	830	2,333	8,359	309
1934	5	3,121	1,031	554	222	1,807	1,969	570	625	3,164	882
1935	5	10,937	801	719	2,897	4,417	1,650	973	1,800	4,423	3,090
1936	5	26,205	6,003	3,511	2,311	11,824	3,904	3,200	3,937	11,041	7,403
1937	5	21,830	4,746	1,459	3,238	9,443	1,019	618	2,130	3,767	6,167
1938	5	18,907	4,440	2,424	1,399	8,262	2,468	451	4,112	7,032	5,341
1939	5	8,537	1,578	847	1,114	3,539	661	391	1,172	2,224	2,412
1940	5	10,131	3,657	1,012	902	5,571	788	363	221	1,371	2,862
1941	5	10,032	3,241	825	830	4,895	1,205	287	732	2,224	2,834
1942	5	43,080	14,070	3,359	3,707	21,136	5,527	1,265	5,147	11,939	12,170
1943	5	4,105	1,047	542	218	1,807	178	348	274	800	1,160
1944	5	3,248	727	315	352	1,394	114	60	445	619	918
1945	5	6,330	1,401	838	537	2,776	959	650	1,032	2,640	1,788
1946	5	3,758	854	370	507	1,731	472	43	329	844	1,062
1947	5	6,818	1,882	360	959	3,201	1,475	304	667	2,445	1,926
1948	5	3,928	1,059	374	391	1,823	748	154	1,229	2,131	1,110
1949	5	2,482	887	332	92	1,311	602	27	498	1,126	701
1950	5	4,120	1,000	297	573	1,870	119	19	178	316	1,164
1951	5	3,561	1,053	544	115	1,712	195	20	69	283	1,006
1952	5	4,084	955	295	532	1,782	362	58	377	796	1,154
1953	5	4,009	1,266	359	268	1,893	411	205	445	1,061	1,132
1954	5	3,118	988	288	207	1,482	320	161	340	821	881
1955	5	3,215	979	167	336	1,482	418	130	327	876	908
1956	5	5,518	1,696	599	300	2,595	485	278	853	1,616	1,559
1957	5	7,500	2,365	715	568	3,648	2,502	2,612	1,160	6,274	2,119

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
1958	5	8,306	2,724	1,045	477	4,246	8,509	1,540	3,281	13,330	2,347
1959	5	4,586	981	585	475	2,041	2,470	1,615	3,645	7,730	1,296
1960	5	7,514	1,690	1,003	841	3,534	1,802	1,180	2,583	5,566	2,123
2011	14	27,289	3,413	4,767	569	8,749	2,130	3,940	2,027	8,097	7,709
2012	14	18,764	761	3,988	623	5,372	1,194	1,719	1,962	4,875	5,301
2013	14	15,364	1,083	3,059	443	4,585	847	1,805	1,500	4,153	4,340
2014	14	31,855	2,480	6,238	884	9,602	2,502	5,022	3,342	10,867	8,999
2015	14	11,681	629	2,413	365	3,407	809	1,199	1,233	3,241	3,300
2016	14	7,680	218	1,674	269	2,161	467	650	839	1,956	2,170
2017	14	5,481	178	1,185	188	1,551	342	568	633	1,543	1,548
2018	14	8,293	226	1,812	291	2,329	526	804	976	2,305	2,343
2019	14	12,273	551	2,584	400	3,535	850	1,270	1,337	3,456	3,467
2020	14	5,120	126	1,125	182	1,433	298	427	568	1,293	1,446
2021	14	13,031	689	2,697	409	3,796	945	1,486	1,393	3,824	3,681
2022	14	10,384	433	2,201	343	2,977	707	1,157	1,161	3,025	2,933
2023	14	16,758	10,000	9,840	968	20,808	24,438	2,133	2,670	29,241	4,734
2024	14	15,840	3,708	5,788	722	10,219	9,162	1,864	2,196	13,222	4,475
2025	14	6,317	408	1,275	188	1,870	404	915	647	1,966	1,784
2026	14	9,745	927	1,833	246	3,006	709	1,806	885	3,401	2,753
2027	14	18,904	2,330	3,317	399	6,047	1,554	3,793	1,496	6,844	5,340
2028	14	7,928	1,734	740	778	3,252	144	1,732	440	2,316	2,240
2029	14	15,480	3,097	1,850	925	5,872	877	3,157	893	4,928	4,373
2030	14	8,442	1,498	1,277	112	2,886	660	4,810	1,031	6,500	2,385
2031	14	7,431	1,319	1,123	99	2,541	577	3,573	771	4,922	2,099
2032	14	3,639	646	550	48	1,244	225	2,190	447	2,862	1,028
2033	14	19,059	3,688	2,454	881	7,023	1,369	5,351	1,375	8,096	5,384
2034	14	8,498	1,719	989	548	3,256	554	1,504	503	2,561	2,401
2035	14	16,802	3,532	1,769	1,355	6,657	459	5,859	1,203	7,521	4,747
2036	14	13,804	2,954	1,381	1,220	5,556	408	3,871	1,090	5,369	3,900
2037	14	26,536	5,371	3,085	1,713	10,169	1,025	9,474	1,917	12,416	7,496
2038	14	15,147	3,537	1,332	1,586	6,456	477	1,189	2,015	3,680	4,279
2039	14	21,479	4,820	2,111	1,929	8,860	529	2,530	1,630	4,689	6,068
2040	14	15,329	3,425	1,524	1,352	6,301	780	1,595	2,084	4,458	4,331
2041	14	5,014	990	645	230	1,865	143	1,845	412	2,400	1,416
2042	14	24,108	5,612	2,142	2,494	10,247	962	2,199	3,688	6,849	6,811
2043	14	11,766	2,500	1,314	828	4,642	801	2,493	2,454	5,747	3,324
2044	14	12,402	2,329	1,731	373	4,432	1,156	2,222	900	4,278	3,503
2045	14	19,358	4,539	1,683	2,056	8,278	634	1,631	2,755	5,020	5,469
2046	14	17,097	3,894	1,616	1,628	7,138	502	1,176	1,785	3,463	4,830
2047	14	4,177	751	621	71	1,443	274	1,112	539	1,925	1,180
2048	14	22,820	5,312	1,988	2,391	9,691	748	2,064	3,252	6,064	6,447
2049	14	35,844	8,302	3,231	3,640	15,173	1,492	3,292	5,384	10,168	10,126
2050	14	3,394	658	490	105	1,253	423	1,353	1,153	2,928	959
2051	14	20,807	4,679	2,033	1,885	8,597	750	2,046	2,864	5,660	5,878
2052	14	14,884	3,420	1,372	1,468	6,260	592	1,509	2,311	4,412	4,205
2053	14	2,450	435	370	34	839	326	1,049	839	2,214	692
2054	14	15,734	3,451	1,637	1,282	6,369	806	1,966	1,976	4,749	4,445
2055	14	9,088	2,039	894	815	3,748	387	1,073	1,220	2,679	2,567
2056	14	2,266	407	337	38	782	369	918	847	2,134	640
2057	14	46,371	9,114	6,015	2,056	17,185	2,496	15,197	3,527	21,220	13,100
2058	14	12,247	1,153	1,628	1,513	4,294	835	2,076	1,449	4,359	3,460
2059	14	11,688	1,231	1,583	1,270	4,084	722	2,360	1,188	4,271	3,302
2060	14	22,568	5,275	2,527	1,209	9,012	2,596	3,517	1,810	7,923	6,375
2061	14	38,901	10,245	3,554	2,908	16,708	5,172	3,444	3,578	12,195	10,990
2062	14	22,570	5,799	2,164	1,583	9,546	2,756	2,673	2,029	7,459	6,376
2063	14	22,170	4,329	2,700	1,375	8,403	1,953	5,313	2,322	9,588	6,263
2064	14	30,266	6,270	3,092	2,862	12,223	2,502	2,755	3,883	9,140	8,550
2065	14	9,346	1,488	159	2,637	4,284	387	188	1,991	2,566	2,640
2066	14	2,366	380	62	624	1,066	107	103	480	689	668
2067	14	15,467	3,779	1,280	1,608	6,667	828	843	2,733	4,404	4,369
2068	14	7,062	1,455	475	1,130	3,059	273	424	1,295	1,992	1,995
2069	14	9,189	1,883	646	1,421	3,949	344	1,015	1,665	3,025	2,596
2070	14	4,591	930	366	639	1,934	166	632	768	1,567	1,297
2071	14	7,567	1,551	532	1,170	3,252	283	812	1,370	2,465	2,138
2072	14	5,378	1,096	395	801	2,292	202	797	957	1,956	1,519
2073	14	3,756	727	419	305	1,451	232	552	484	1,267	1,061
2074	14	26,463	5,508	1,992	3,793	11,293	1,132	2,722	5,255	9,109	7,476
2075	14	6,540	1,683	571	492	2,747	384	1,498	490	2,372	1,848
2076	14	8,082	1,575	1,110	216	2,901	799	1,372	458	2,628	2,283
2077	14	12,799	4,179	411	1,650	6,239	947	1,324	1,109	3,380	3,616
2078	14	6,915	2,002	426	693	3,121	507	1,286	567	2,359	1,954
2079	14	25,840	6,738	1,658	3,071	11,467	995	4,659	2,430	8,084	7,300
2080	14	6,350	991	665	789	2,445	839	1,758	403	3,001	1,794
2081	14	6,794	1,058	708	854	2,621	534	1,449	373	2,356	1,919
2082	14	3,025	537	458	40	1,034	328	640	167	1,135	855
2083	14	3,168	456	248	596	1,299	211	295	150	656	895

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2084	14	55	10	8	1	19	2	24	4	30	16
2085	14	3	1	0	0	1	0	1	0	2	1
2086	14	3,883	615	427	434	1,476	365	1,053	232	1,650	1,097
2087	14	6,627	1,121	884	370	2,376	624	1,212	351	2,187	1,872
2088	14	7,816	1,264	916	739	2,919	718	1,813	443	2,973	2,208
2089	14	3,237	496	319	451	1,267	217	529	165	910	914
2090	14	5,529	928	720	352	1,999	666	2,215	382	3,263	1,562
2091	14	6,098	974	689	639	2,302	644	1,529	361	2,534	1,723
2092	14	1,795	278	183	236	697	92	362	94	548	507
2093	14	1,596	264	201	118	583	145	322	86	553	451
2094	14	3,203	508	353	355	1,217	235	594	168	996	905
2095	14	10,138	1,799	1,533	134	3,466	1,060	2,269	564	3,894	2,864
2131	8	16,377	1,741	1,349	702	3,792	1,126	1,230	2,180	4,536	4,626
2132	8	6,844	1,280	993	517	2,790	683	871	1,193	2,747	1,934
2133	8	15,736	1,734	1,341	697	3,772	1,346	1,530	2,355	5,231	4,445
2134	8	6,562	643	501	262	1,406	424	496	843	1,763	1,854
2135	8	15,894	1,379	1,085	568	3,033	1,080	1,223	2,077	4,380	4,490
2141	8	32,724	541	923	694	2,157	2,734	3,651	3,084	9,469	9,245
2142	8	79,488	1,393	3,162	2,603	7,158	2,542	7,378	7,549	17,469	22,455
2143	8	4,822	768	1,488	1,170	3,426	1,862	2,429	981	5,272	1,362
2144	8	13,649	4,028	6,314	4,584	14,926	7,857	18,047	3,719	29,623	3,856
2145	8	669	570	690	437	1,697	7,514	2,161	702	10,377	189
2146	8	70,751	1,129	1,391	1,067	3,587	5,540	7,752	6,352	19,644	19,987
2147	8	37,449	601	829	746	2,176	1,278	1,753	3,155	6,186	10,579
2148	8	5,219	4,291	5,086	3,647	13,024	1,274	9,236	1,342	11,852	1,474
2149	8	12,525	5,334	6,699	5,295	17,328	18,069	13,754	3,457	35,280	3,538
2150	8	9,322	4,875	5,280	4,055	14,210	2,946	9,773	1,875	14,594	2,633
2151	8	36,279	829	909	949	2,687	2,222	1,033	3,145	6,401	10,249
2152	8	24,660	699	772	944	2,415	1,109	1,165	2,243	4,516	6,966
2153	8	2,529	1,239	1,342	1,038	3,618	733	2,368	488	3,590	714
2154	8	40,095	751	816	675	2,241	1,069	2,508	3,376	6,953	11,327
2155	8	142	109	117	69	295	36	95	19	150	40
2156	8	6,422	2,734	2,973	2,559	8,265	732	5,555	1,298	7,585	1,814
2157	8	8,102	2,381	2,601	2,505	7,488	790	6,853	1,592	9,236	2,289
2158	8	3,660	3,905	4,214	2,890	11,009	364	7,536	997	8,896	1,034
2159	8	12,493	2,867	3,126	2,878	8,871	10,238	10,369	2,560	23,167	3,529
2160	8	10,007	4,574	4,960	3,947	13,480	2,480	13,088	2,006	17,574	2,827
2161	8	4,917	2,289	2,483	2,000	6,772	266	10,592	1,236	12,093	1,389
2162	8	19,225	7,627	8,226	5,541	21,394	9,881	23,413	3,803	37,097	5,431
2163	8	5,827	2,377	2,561	1,684	6,621	1,397	5,514	964	7,875	1,646
2164	8	4,735	2,178	2,350	1,596	6,124	6,681	10,497	1,514	18,692	1,338
2165	8	5,342	1,542	1,948	885	4,375	4,326	4,990	1,133	10,449	1,509
2166	8	15,168	4,848	6,019	2,811	13,678	11,274	10,048	2,889	24,211	4,285
2167	8	8,209	1,249	1,592	713	3,555	10,336	4,926	1,711	16,973	2,319
2168	8	9,745	4,214	5,228	2,444	11,887	3,127	9,500	1,871	14,497	2,753
2169	8	60,681	1,827	2,241	2,600	6,668	1,869	5,685	5,609	13,164	17,142
2170	8	37,326	768	883	783	2,434	1,100	3,054	3,399	7,553	10,545
2171	8	15,007	816	1,064	1,495	3,374	259	1,138	1,451	2,848	4,239
2172	8	12,441	869	1,152	1,685	3,706	312	1,720	1,470	3,502	3,514
2173	8	6,345	986	1,610	1,725	4,321	423	3,258	957	4,638	1,792
2174	8	4,320	221	511	689	1,421	174	442	453	1,068	1,220
2201	6	63,868	13,188	8,465	4,348	26,002	3,956	10,211	499	14,665	18,043
2202	6	27,972	5,071	4,788	1,629	11,487	2,468	7,424	168	10,060	7,902
2203	6	47,903	6,915	8,480	3,796	19,191	3,611	9,647	1,088	14,346	13,533
2204	6	11,380	2,211	1,817	636	4,664	864	2,676	295	3,835	3,215
2205	6	19,458	3,783	2,950	1,199	7,931	1,042	5,157	540	6,739	5,497
2206	6	41,640	7,580	6,891	2,558	17,029	3,389	9,343	1,143	13,876	11,763
2207	6	37,353	7,952	4,458	2,774	15,184	4,031	4,024	662	8,717	10,552
2208	6	48,546	10,399	5,491	3,785	19,676	5,009	4,347	907	10,264	13,714
2209	6	33,034	7,100	3,625	2,642	13,367	3,441	2,644	649	6,734	9,332
2210	6	13,175	2,489	1,676	1,130	5,295	505	1,654	851	3,010	3,722
2211	6	10,254	1,936	1,289	891	4,117	392	923	674	1,989	2,897
2212	6	14,515	1,955	1,006	2,701	5,661	2,608	1,878	95	4,582	4,101
2213	6	16,761	2,978	2,384	1,340	6,702	1,432	190	1,154	2,776	4,735
2214	6	6,859	1,226	1,008	520	2,754	571	545	439	1,554	1,938
2215	6	13,434	2,433	2,108	900	5,442	1,201	2,292	725	4,218	3,795
2216	6	12,963	2,814	1,931	572	5,317	721	1,774	1,037	3,532	3,662
2217	6	10,656	2,300	1,620	458	4,378	659	1,617	809	3,085	3,010
2218	6	22,055	4,391	3,316	1,284	8,991	1,302	2,330	1,127	4,758	6,231
2219	6	20,608	3,506	2,467	2,201	8,174	614	1,430	1,422	3,467	5,822
2220	6	17,378	2,954	2,071	1,865	6,890	474	1,202	1,207	2,883	4,909
2221	6	37,101	6,179	3,952	4,522	14,653	3,279	2,127	1,407	6,812	10,481
2222	6	9,856	1,639	1,039	1,213	3,890	887	575	378	1,840	2,784
2223	6	21,405	3,554	2,238	2,650	8,442	1,897	1,201	827	3,926	6,047
2224	6	25,992	6,082	713	3,618	10,412	653	773	2,527	3,953	7,343
2225	6	36,895	9,373	5,797	157	15,327	2,332	2,263	2,026	6,621	10,423

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2226	6	12,651	3,194	2,005	59	5,258	822	802	676	2,301	3,574
2227	6	51,050	9,437	7,404	3,897	20,739	4,615	10,823	1,679	17,116	14,422
2228	6	37,034	6,938	4,326	3,527	14,791	1,235	1,704	3,002	5,941	10,462
2229	6	22,723	4,116	2,668	2,276	9,060	1,056	580	1,996	3,631	6,419
2230	6	27,672	276	1,161	8,533	9,970	813	1,850	1,899	4,562	7,817
2231	6	25,467	252	1,067	7,855	9,173	745	1,711	1,748	4,204	7,194
2232	6	20,330	3,599	2,731	1,811	8,141	1,596	1,106	859	3,561	5,743
2233	6	17,008	3,596	2,620	801	7,017	1,512	1,355	824	3,691	4,805
2234	6	79,697	13,503	8,814	9,348	31,664	6,858	6,951	3,005	16,814	22,514
2235	6	64,897	14,708	10,466	9,005	34,179	4,692	6,970	3,902	15,564	18,333
2236	6	27,714	6,536	3,081	1,729	11,346	1,889	2,264	1,354	5,508	7,829
2237	6	31,256	7,484	3,209	2,064	12,757	1,867	2,073	1,697	5,637	8,830
2238	6	29,654	3,493	5,045	3,124	11,662	1,467	2,916	1,327	5,709	8,377
2239	6	37,937	6,379	4,496	4,189	15,063	2,167	1,175	2,931	6,272	10,717
2240	6	20,713	3,481	2,446	2,295	8,222	1,125	795	1,607	3,527	5,851
2241	6	14,623	1,386	2,529	1,823	5,739	1,235	1,060	865	3,159	4,131
2242	6	6,820	1,420	505	801	2,725	473	157	495	1,126	1,927
2243	6	6,705	1,380	641	684	2,705	509	742	410	1,662	1,894
2244	6	6,084	1,267	451	714	2,431	418	131	442	991	1,719
2245	6	15,894	1,819	2,117	2,225	6,161	452	812	1,352	2,616	4,490
2246	6	12,878	2,243	1,527	1,367	5,137	838	727	954	2,519	3,638
2247	6	19,678	3,423	2,310	2,111	7,843	1,385	809	1,477	3,671	5,559
2248	6	11,428	1,963	1,223	1,337	4,523	597	253	953	1,803	3,228
2249	6	11,942	2,094	1,479	1,209	4,781	983	582	834	2,399	3,374
2250	6	15,142	2,365	1,804	1,848	6,018	1,277	1,965	885	4,126	4,278
2251	6	9,059	1,499	1,283	877	3,659	960	1,568	398	2,927	2,559
2252	6	19,586	16,770	16,957	3,443	37,170	11,223	9,696	435	21,354	5,533
2253	6	14,285	7,215	6,750	2,222	16,186	4,415	2,609	386	7,409	4,035
2254	6	11,404	5,548	5,155	1,756	12,459	3,302	1,993	262	5,557	3,222
2255	6	14,473	2,203	2,148	1,473	5,824	2,531	1,014	154	3,700	4,088
2256	6	11,047	1,783	1,790	925	4,498	1,584	2,237	92	3,912	3,121
2257	6	11,933	9,495	9,395	2,219	21,109	6,346	4,831	644	11,821	3,371
2258	6	27,624	5,321	8,963	6,594	20,878	4,211	5,700	1,139	11,051	7,804
2259	6	24,883	644	3,411	5,211	9,267	1,907	1,572	1,010	4,489	7,029
2260	6	15,751	2,694	1,778	1,824	6,295	1,207	1,108	1,153	3,469	4,450
2261	6	18,076	3,794	3,029	660	7,483	2,245	2,471	863	5,579	5,107
2262	6	41,983	7,283	4,545	4,809	16,637	3,511	1,648	2,306	7,464	11,860
2263	6	16,288	6,072	550	338	6,960	1,166	955	876	2,997	4,601
2264	6	19,012	7,229	503	395	8,127	1,271	1,019	1,065	3,355	5,371
2265	6	6,084	2,298	176	126	2,601	412	343	336	1,091	1,719
2266	6	17,636	865	4,177	1,787	6,829	1,771	1,364	857	3,992	4,982
2267	6	29,761	6,272	4,429	1,440	12,140	1,954	898	2,524	5,375	8,407
2268	6	18,280	3,884	2,609	935	7,428	899	230	1,704	2,833	5,164
2269	6	29,603	4,913	4,789	2,132	11,834	1,503	899	2,405	4,807	8,363
2270	6	18,577	3,008	2,835	1,628	7,471	3,390	1,526	149	5,065	5,248
2271	6	13,973	2,039	1,909	1,548	5,496	769	462	1,044	2,274	3,947
2272	6	16,373	2,389	2,237	1,813	6,440	901	543	1,223	2,667	4,625
2273	6	8,330	1,268	1,219	823	3,311	647	449	540	1,636	2,353
2274	6	13,516	2,570	2,523	556	5,649	1,964	5,845	418	8,227	3,818
2275	6	20,031	3,642	2,611	1,832	8,086	882	2,777	156	3,815	5,659
2276	6	3,932	729	608	274	1,612	233	1,321	82	1,637	1,111
2277	6	41,388	13,776	2,844	917	17,538	979	7,369	301	8,650	11,692
2278	6	17,662	4,538	2,577	372	7,487	1,864	4,264	73	6,201	4,990
2279	6	5,447	1,092	1,107	110	2,309	868	3,009	64	3,941	1,539
2280	6	6,852	1,741	1,019	144	2,904	656	2,323	46	3,025	1,936
2281	6	14,796	2,022	1,257	2,451	5,730	90	2,482	227	2,798	4,180
2282	6	13,872	1,916	1,224	2,245	5,385	105	2,308	206	2,619	3,919
2283	6	11,768	3,610	454	818	4,883	123	1,955	179	2,256	3,324
2284	6	15,755	4,847	586	1,101	6,535	136	2,613	242	2,991	4,451
2285	6	15,124	3,372	1,481	1,275	6,129	757	546	1,289	2,592	4,273
2286	6	7,533	1,693	687	665	3,044	285	202	681	1,167	2,128
2287	6	11,484	2,465	1,043	1,117	4,625	99	1,843	226	2,168	3,244
2288	6	7,052	1,516	626	695	2,837	55	1,133	141	1,329	1,992
2289	6	11,635	2,227	1,454	997	4,678	603	801	632	2,036	3,287
2290	6	21,814	5,995	378	2,507	8,880	904	1,206	1,520	3,629	6,162
2291	6	13,911	2,393	1,419	1,687	5,499	612	624	1,021	2,258	3,930
2292	6	11,386	1,969	1,215	1,331	4,514	511	556	799	1,866	3,217
2293	6	15,784	3,085	2,069	1,200	6,354	342	2,143	424	2,909	4,459
2401	6	31,418	4,357	2,398	5,870	12,625	852	1,232	2,267	4,351	8,875
2402	6	10,665	1,923	1,413	1,001	4,337	768	2,433	757	3,959	3,013
2403	6	25,889	3,701	4,918	1,883	10,501	1,337	11,321	331	12,990	7,314
2404	6	27,798	2,766	3,412	4,569	10,747	535	1,360	1,992	3,887	7,853
2405	6	12,839	2,038	1,608	1,420	5,066	1,132	1,931	3,806	6,869	3,627
2406	6	16,977	2,931	2,295	2,078	7,304	411	685	1,346	2,442	4,796
2407	6	18,116	4,271	351	3,461	8,083	598	619	1,529	2,746	5,118
2408	6	13,361	3,052	255	2,471	5,778	649	673	1,699	3,021	3,774

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2409	6	21,614	2,008	2,392	3,998	8,399	3,098	3,950	3,071	10,119	6,106
2410	6	21,990	2,587	4,727	1,519	8,833	1,047	2,035	2,359	5,441	6,212
2411	6	26,807	3,376	3,943	3,308	10,627	513	1,501	681	2,695	7,573
2412	6	12,673	1,101	2,294	1,930	5,325	503	1,879	1,042	3,424	3,580
2413	6	10,673	891	1,934	1,688	4,513	1,394	5,684	3,328	10,406	3,015
2414	6	19,102	3,495	3,459	1,210	8,163	1,407	3,137	5,349	9,894	5,396
2415	6	15,701	2,950	2,921	1,016	6,888	2,042	4,639	7,951	14,631	4,436
2416	6	12,029	281	1,926	2,597	4,804	1,466	2,828	1,743	6,038	3,398
2417	6	7,435	202	1,122	1,452	2,777	2,069	4,028	2,494	8,591	2,100
2418	6	14,876	809	1,790	3,334	5,934	617	884	1,317	2,818	4,202
2419	6	7,335	398	900	1,708	3,007	528	746	1,177	2,452	2,072
2420	6	10,988	1,050	1,642	1,492	4,185	355	1,427	743	2,525	3,104
2421	6	10,121	940	1,488	1,387	3,814	243	963	517	1,724	2,859
2422	6	15,516	621	2,821	2,521	5,963	1,037	1,269	671	2,976	4,383
2423	6	18,568	3,802	1,996	1,945	7,743	780	1,415	1,272	3,466	5,245
2424	6	8,027	1,607	846	821	3,273	323	573	519	1,414	2,268
2425	6	20,278	1,923	2,061	3,862	7,847	1,348	1,982	1,557	4,887	5,728
2426	6	9,192	1,485	786	1,353	3,624	1,010	1,203	953	3,166	2,597
2427	6	3,379	524	247	521	1,292	567	722	692	1,981	955
2428	6	12,639	2,616	884	1,798	5,299	2,039	3,624	2,335	7,998	3,570
2429	6	18,166	3,905	822	3,072	7,799	1,189	2,635	1,669	5,494	5,132
2430	6	12,467	458	602	3,460	4,520	681	722	645	2,048	3,522
2431	6	6,994	272	354	1,910	2,536	685	721	651	2,057	1,976
2432	6	20,710	3,694	609	3,637	7,940	1,024	1,352	2,925	5,301	5,851
2433	6	9,232	289	2,180	1,162	3,631	3,844	5,265	8,842	17,950	2,608
2434	6	3,988	137	904	472	1,513	774	1,058	1,750	3,582	1,126
2435	6	6,453	445	957	1,130	2,531	3,215	3,290	3,990	10,494	1,823
2436	6	26,244	5,563	1,427	3,670	10,660	4,575	2,876	3,246	10,697	7,414
2437	6	17,053	3,267	1,122	2,732	7,121	875	1,776	2,507	5,158	4,818
2438	6	9,458	1,781	662	1,440	3,883	639	1,161	1,579	3,379	2,672
2501	6	7,372	909	1,036	736	2,681	247	647	61	955	2,083
2502	6	5,757	689	786	567	2,042	188	508	49	744	1,626
2503	6	11,959	1,053	1,717	1,579	4,349	329	871	345	1,546	3,378
2504	6	150	10	30	18	59	3	47	13	64	42
2505	6	13,254	2,437	2,208	786	5,432	1,575	4,675	68	6,318	3,744
2506	6	34,499	6,595	6,599	1,369	14,563	8,967	28,608	782	38,357	9,746
2507	6	20,802	4,004	4,167	636	8,806	6,936	23,760	734	31,430	5,877
2508	6	16,060	2,257	1,989	2,473	6,719	1,461	2,452	1,041	4,954	4,537
2509	6	7,049	1,109	1,107	586	2,801	950	2,814	409	4,173	1,991
2510	6	10,103	1,585	1,273	1,159	4,017	1,108	1,336	377	2,821	2,854
2511	6	8,752	1,374	1,066	1,087	3,527	1,115	1,416	471	3,002	2,472
2512	6	10,338	1,545	1,186	1,250	3,982	797	975	327	2,100	2,920
2513	6	25,925	3,966	3,190	2,889	10,044	2,769	3,169	926	6,865	7,324
2514	6	11,178	1,976	2,132	299	4,408	2,789	3,286	1,261	7,336	3,158
2515	6	11,840	2,263	2,447	313	5,023	2,773	4,363	1,054	8,190	3,345
2516	6	7,294	522	1,309	815	2,646	468	2,965	108	3,541	2,061
2517	6	5,926	823	1,183	382	2,388	1,016	3,470	112	4,598	1,674
2518	6	5,431	749	1,085	356	2,189	712	3,975	126	4,812	1,534
2519	6	6,078	729	1,169	462	2,360	569	3,497	90	4,156	1,717
2520	6	13,762	961	2,312	1,544	4,817	178	978	144	1,300	3,888
2521	6	14,453	1,024	2,388	1,560	4,972	376	2,283	327	2,986	4,083
2522	6	21,554	1,854	3,330	2,606	7,790	399	1,357	424	2,180	6,089
2523	6	18,363	1,537	2,760	2,159	6,456	496	1,620	542	2,658	5,187
2524	6	16,305	1,377	2,915	1,843	6,135	1,334	1,535	153	3,021	4,606
2525	6	9,077	626	1,676	1,258	3,559	934	1,350	203	2,486	2,564
2526	6	6,254	683	1,357	446	2,486	1,079	1,237	132	2,448	1,767
2527	6	27,483	1,247	5,853	2,865	9,965	1,885	2,698	339	4,922	7,764
2528	6	15,683	1,628	2,529	1,958	6,115	158	1,464	176	1,798	4,431
2529	6	24,729	2,642	3,974	2,872	9,488	595	2,698	291	3,583	6,986
2530	6	15,395	141	3,363	1,971	5,475	4,141	803	121	5,064	4,349
2531	6	9,072	406	2,525	518	3,449	640	1,014	14	1,667	2,563
2601	6	12,750	2,049	1,067	1,877	4,993	1,435	1,289	529	3,253	3,602
2602	6	12,311	2,041	1,269	1,572	4,882	1,557	1,437	432	3,426	3,478
2603	6	10,836	1,836	1,270	1,229	4,336	1,479	1,382	330	3,191	3,061
2604	6	15,471	2,495	1,328	2,243	6,066	1,756	1,368	630	3,754	4,371
2605	6	23,288	3,722	1,866	3,509	9,097	2,554	2,111	992	5,657	6,579
2606	6	9,813	2,257	658	1,033	3,948	620	541	912	2,073	2,772
2607	6	18,161	3,974	2,015	1,438	7,427	1,987	1,812	1,171	4,970	5,130
2608	6	13,781	3,135	1,060	1,370	5,564	960	795	1,193	2,947	3,893
2609	6	11,870	1,622	913	2,086	4,622	792	1,326	824	2,942	3,353
2610	6	8,030	1,053	514	1,533	3,099	496	1,009	612	2,118	2,268
2611	6	9,161	1,171	515	1,832	3,518	538	872	735	2,145	2,588
2612	6	3,497	459	223	668	1,350	224	482	267	973	988
2613	6	8,800	1,648	1,155	734	3,538	568	1,596	243	2,407	2,486
2614	6	5,376	1,001	625	514	2,139	177	884	175	1,236	1,519
2615	6	14,959	2,785	1,756	1,415	5,957	499	2,573	478	3,550	4,226

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2616	6	7,378	1,381	961	622	2,964	449	1,354	203	2,006	2,084
2617	6	36,303	6,801	2,463	5,042	14,307	1,017	5,359	1,808	8,184	10,256
2618	6	15,146	2,841	1,101	2,043	5,984	504	2,321	724	3,549	4,279
2619	6	2,731	512	181	383	1,076	69	391	137	597	771
2620	6	41,526	9,344	6,918	926	17,189	2,249	15,108	2,047	19,404	11,731
2701	10	15,227	2,054	3,302	1,197	6,552	1,088	2,722	2,444	6,255	4,302
2702	10	9,039	1,221	1,960	708	3,889	645	1,615	1,447	3,707	2,554
2703	10	14,313	522	3,419	1,658	5,599	450	6,593	862	7,905	4,043
2704	10	12,706	389	3,041	1,524	4,954	306	4,289	594	5,189	3,589
2705	10	28,125	1,857	2,727	5,991	10,574	1,086	12,450	1,070	14,606	7,945
2706	10	21,573	718	1,405	5,712	7,835	615	7,755	920	9,290	6,094
2707	10	37,754	5,147	10,255	1,052	16,455	1,565	9,432	6,705	17,702	10,666
2708	10	32,783	4,179	9,115	1,030	14,324	837	6,126	5,031	11,994	9,261
2709	10	22,021	236	7,345	1,224	8,806	1,339	7,019	877	9,235	6,221
2710	10	7,303	118	2,413	395	2,926	455	2,270	275	3,001	2,063
2711	10	12,230	109	4,092	686	4,887	741	3,899	489	5,129	3,455
2712	10	27,652	4,375	5,626	1,925	11,927	2,207	5,635	3,142	10,983	7,812
2713	10	16,011	2,584	3,286	1,032	6,902	1,264	3,018	1,602	5,884	4,523
2714	10	10,646	1,570	2,102	929	4,601	717	2,174	1,492	4,383	3,008
2715	10	7,355	1,422	1,515	382	3,318	209	2,297	598	3,105	2,078
2716	10	11,892	2,304	2,470	566	5,341	440	3,734	883	5,057	3,359
2717	10	19,024	407	5,149	1,883	7,438	558	6,472	1,097	8,127	5,374
2718	10	12,941	91	3,548	1,381	5,021	282	4,383	807	5,472	3,656
2719	10	10,342	73	2,836	1,104	4,013	228	3,522	645	4,395	2,922
2720	10	8,138	60	2,228	870	3,158	109	2,893	453	3,455	2,299
2721	10	9,979	57	2,736	1,075	3,869	130	3,581	560	4,271	2,819
2722	10	6,197	102	1,683	632	2,417	125	2,157	329	2,611	1,751
2723	10	15,479	4,030	1,405	1,684	7,120	106	6,142	411	6,659	4,373
2724	10	20,312	190	4,530	3,004	7,724	1,435	4,748	2,278	8,460	5,738
2725	10	10,546	2,387	1,369	1,021	4,777	762	2,414	1,197	4,373	2,979
2726	10	8,345	1,889	1,082	810	3,780	602	1,912	949	3,463	2,357
2727	10	3,920	887	510	378	1,775	282	900	444	1,626	1,107
2728	10	5,254	1,190	681	510	2,381	379	1,202	597	2,179	1,484
2729	10	11,803	1,456	1,817	1,591	4,865	1,387	2,359	1,071	4,817	3,334
2730	10	5,234	604	766	779	2,149	661	936	525	2,123	1,479
2731	10	7,853	906	1,149	1,170	3,224	992	1,408	789	3,188	2,218
2732	10	4,039	466	591	601	1,658	509	726	405	1,640	1,141
2733	10	2,756	318	403	410	1,131	348	494	277	1,119	778
2734	10	10,696	552	2,323	1,349	4,224	122	2,794	1,242	4,158	3,022
2735	10	9,707	428	2,103	1,286	3,817	105	2,730	1,294	4,129	2,742
2736	10	9,087	107	2,211	1,178	3,495	521	2,854	383	3,757	2,567
2737	10	10,228	82	2,492	1,351	3,925	531	2,965	397	3,893	2,889
2738	10	9,276	103	2,257	1,206	3,566	484	2,664	357	3,505	2,620
2739	10	15,121	185	3,677	1,954	5,817	871	4,795	639	6,304	4,272
2740	10	8,726	104	2,123	1,130	3,356	423	2,330	309	3,062	2,465
2741	10	17,873	1,083	5,070	1,214	7,366	597	4,547	2,317	7,462	5,049
2742	10	14,776	918	4,182	992	6,093	503	3,777	1,920	6,200	4,174
2743	10	12,939	786	3,669	877	5,332	438	3,337	1,698	5,474	3,655
2744	10	15,577	1,423	2,556	2,310	6,288	463	4,342	1,762	6,566	4,400
2745	10	6,920	648	1,145	1,004	2,797	218	1,912	765	2,895	1,955
2746	10	11,687	1,074	1,922	1,723	4,719	349	3,237	1,314	4,901	3,301
2747	10	13,029	2,530	1,715	1,480	5,725	413	3,512	1,590	5,515	3,681
2748	10	14,247	366	4,569	826	5,760	128	5,545	495	6,167	4,025
2749	10	5,830	647	1,556	292	2,495	136	2,086	250	2,473	1,647
2750	10	9,532	1,147	2,503	430	4,080	312	3,413	366	4,091	2,693
2751	10	6,130	719	1,618	286	2,623	177	2,193	244	2,615	1,732
2752	10	10,329	1,266	2,063	1,027	4,356	340	2,769	1,200	4,308	2,918
2753	10	11,706	1,584	2,390	975	4,950	545	3,125	1,133	4,803	3,307
2754	10	7,788	938	1,550	795	3,283	233	2,115	929	3,277	2,200
2755	10	8,449	2,134	1,476	373	3,983	426	2,229	871	3,527	2,387
2756	10	11,107	2,802	1,944	487	5,233	559	2,971	1,138	4,668	3,138
2757	10	8,209	2,074	1,434	362	3,870	414	2,178	847	3,439	2,319
2758	10	9,650	2,122	280	1,749	4,152	263	3,291	661	4,215	2,726
2759	10	8,212	1,821	95	1,618	3,534	189	2,688	613	3,490	2,320
2760	10	11,355	2,448	1,886	803	5,136	593	2,222	1,899	4,714	3,208
2761	10	7,810	1,675	1,327	518	3,521	467	1,478	1,223	3,168	2,206
2762	10	5,038	150	1,310	531	1,991	100	708	1,291	2,099	1,423
2763	10	7,168	208	1,866	759	2,832	141	1,008	1,847	2,995	2,025
2764	10	9,917	287	2,581	1,050	3,917	194	1,394	2,554	4,143	2,801
2765	10	2,467	73	641	260	974	49	349	633	1,030	697
2766	10	2,817	82	733	298	1,113	55	395	725	1,175	796
2767	10	1,269	40	329	132	502	25	179	321	526	359
2768	10	6,460	884	1,109	710	2,703	416	1,435	871	2,722	1,825
2769	10	5,209	633	823	706	2,163	272	1,024	872	2,168	1,472
2770	10	4,935	632	808	614	2,054	251	1,078	757	2,087	1,394
2771	10	7,555	976	1,245	924	3,146	431	1,643	1,139	3,214	2,134

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2772	10	15,095	972	2,516	2,444	5,932	555	4,087	1,699	6,341	4,264
2773	10	11,159	722	1,862	1,802	4,387	410	3,025	1,253	4,688	3,152
2774	10	12,692	1,869	2,061	1,453	5,383	348	4,033	946	5,327	3,585
2851	19	982	326	367	254	947	282	490	509	1,281	277
2852	19	906	296	330	235	861	260	174	470	904	256
2853	19	2,604	1,459	568	571	2,598	731	343	1,575	2,649	736
2854	19	2,343	1,335	555	514	2,403	660	1,120	1,418	3,198	662
2855	19	1,386	282	176	600	1,058	320	337	750	1,406	392
2861	9	14,704	2,711	1,822	485	5,018	1,493	805	3,396	5,695	4,154
2862	9	12,745	2,259	1,562	393	4,213	1,279	800	2,785	4,864	3,600
2863	9	5,937	876	693	128	1,697	567	408	980	1,955	1,677
2864	9	11,316	1,965	1,379	336	3,679	1,061	648	2,391	4,100	3,197
2865	9	14,057	2,543	1,732	449	4,723	1,436	756	3,157	5,349	3,971
2871	18	6,004	830	1,219	1,133	3,182	823	3,282	605	4,710	1,696
2872	18	5,002	583	436	878	1,898	355	773	174	1,303	1,413
2873	18	2,302	490	363	400	1,253	616	1,602	298	2,516	650
2874	18	7,384	1,034	1,507	1,263	3,803	686	3,084	276	4,046	2,086
2875	18	7,188	582	1,162	1,238	2,982	712	2,071	303	3,087	2,030
2876	18	5,433	447	883	935	2,265	325	1,173	136	1,634	1,535
2877	18	10,003	2,213	1,587	766	4,566	790	2,435	539	3,763	2,826
2878	18	8,260	897	814	1,361	3,072	421	908	372	1,701	2,333
2879	18	10,927	1,271	1,138	1,799	4,208	562	1,229	492	2,283	3,087
2880	18	13,180	1,646	1,455	2,167	5,268	780	1,917	670	3,367	3,723
2891	18	4,723	724	412	858	1,994	286	533	585	1,404	1,334
2892	18	3,095	810	445	346	1,600	304	374	404	1,082	874
2893	18	6,875	1,133	580	1,067	2,780	1,769	990	251	3,011	1,942
2894	18	5,748	790	369	895	2,054	1,453	737	211	2,401	1,624
2895	18	3,898	233	171	1,032	1,435	374	367	430	1,171	1,101
2896	18	8,244	291	215	2,187	2,692	757	715	911	2,384	2,329
2901	18	1,823	85	70	520	676	7	317	560	883	515
2902	18	1,244	65	53	355	473	5	216	381	603	352
2911	12	13,108	2,738	675	828	4,241	1,031	1,555	1,350	3,937	3,703
2912	12	6,559	1,376	297	431	2,104	537	761	685	1,983	1,853
2913	12	13,846	1,529	1,261	518	3,309	106	2,278	1,545	3,929	3,911
2914	12	7,623	1,521	935	562	3,019	322	1,138	745	2,204	2,154
2915	9	24,538	2,789	2,626	1,241	6,655	2,547	3,149	1,471	7,167	6,932
2916	9	18,565	2,483	2,004	1,493	5,980	2,140	1,842	1,258	5,239	5,245
2917	9	15,759	2,321	1,854	1,417	5,592	1,454	2,023	1,121	4,598	4,452
2918	9	5,645	2,190	2,214	798	5,202	2,146	3,907	744	6,798	1,595
2919	9	9,299	2,707	2,535	1,219	6,461	2,605	2,786	1,009	6,399	2,627
2920	9	23,572	3,369	2,672	2,080	8,121	2,627	2,600	1,732	6,958	6,659
2921	9	8,545	1,990	1,634	1,164	4,787	1,296	1,075	792	3,163	2,414
2922	12	13,706	178	361	3,273	3,813	500	1,870	2,476	4,846	3,872
2923	12	3,595	69	114	723	906	110	509	585	1,204	1,016
2924	12	6,561	102	200	1,720	2,022	263	1,010	1,268	2,540	1,854
2925	12	3,933	91	134	642	868	98	688	577	1,364	1,111
2926	12	45,096	10,645	5,120	3,917	19,682	1,748	6,614	6,443	14,805	12,739
2927	12	20,945	4,076	2,227	1,348	7,651	601	14,310	3,358	18,269	5,917
2928	12	12,724	1,051	1,742	1,473	4,265	210	637	2,229	3,076	3,595
2929	12	7,121	1,435	846	648	2,929	192	1,283	861	2,335	2,012
2930	13	12,450	2,346	1,064	803	4,213	10,222	2,186	2,978	15,385	3,517
2931	12	24,428	5,012	3,800	1,555	10,367	18,598	4,166	3,767	26,531	6,901
2932	12	22,339	3,964	2,513	1,642	8,120	474	4,426	2,479	7,379	6,311
2933	13	3,253	965	289	74	1,327	5,012	1,618	1,307	7,938	919
2934	12	3,024	578	360	245	1,183	72	695	358	1,125	854
2935	13	11,436	1,422	881	1,333	3,636	845	4,768	2,592	8,206	3,231
2936	12	9,026	497	874	1,226	2,597	258	1,676	1,134	3,068	2,550
2937	12	24,603	1,342	2,367	3,340	7,050	736	4,701	3,166	8,602	6,950
2938	12	5,235	324	530	642	1,496	191	1,151	754	2,095	1,479
2939	12	7,378	300	1,050	913	2,264	197	774	1,180	2,151	2,084
2940	12	10,332	552	1,426	1,031	3,009	250	2,390	1,649	4,289	2,919
2941	9	6,590	1,124	768	86	1,979	390	386	589	1,365	1,862
2942	9	18,756	3,427	2,463	2,411	8,301	2,107	2,257	1,770	6,135	5,299
2943	13	28,184	4,123	3,249	2,934	10,307	2,320	2,679	4,845	9,844	7,962
2944	13	25,536	3,597	2,846	2,575	9,018	3,771	2,145	5,455	11,371	7,214
2945	13	1,938	457	163	62	683	613	620	575	1,808	547
2946	12	8,498	1,607	1,414	855	3,877	203	1,526	1,113	2,842	2,401
2947	12	5,764	845	789	353	1,987	97	5,608	968	6,673	1,628
2948	12	19,099	2,729	2,439	1,372	6,541	379	13,174	2,978	16,531	5,396
2949	12	4,530	665	561	407	1,633	91	1,004	850	1,945	1,280
2991	10	11,147	1,407	2,389	850	4,646	1,740	6,057	1,596	9,393	3,149
2992	10	15,819	2,105	3,514	1,209	6,828	1,785	6,512	1,621	9,918	4,469
2993	10	20,462	2,926	5,371	2,192	10,489	2,621	11,327	2,956	16,904	5,781
2994	10	15,826	2,693	3,408	401	6,502	2,046	4,913	502	7,461	4,471
2995	10	23,146	3,202	5,086	1,565	9,853	2,350	6,991	1,660	11,001	6,539
2996	10	6,362	535	1,165	593	2,293	729	2,647	804	4,180	1,797

TAZ_1810	Cluster	Pop_31	RW_Off_31	RW_IND_31	RW_OTH_31	RW_Total_31	Emp_OFF_31	Emp_IND_31	Emp_OTH_31	Total Emp_31	Res. Stud._31
2997	10	26,288	3,148	5,407	1,968	10,523	2,835	9,211	2,324	14,371	7,426
2998	10	19,032	2,194	4,564	1,749	8,507	1,659	10,168	1,475	13,302	5,376
2999	10	29,603	3,092	7,877	3,666	14,635	2,853	15,970	2,883	21,706	8,363
3000	10	13,837	1,740	3,101	957	5,798	1,149	7,779	846	9,774	3,909
3001	10	1,118	168	231	35	435	98	400	26	523	316
3002	10	4,863	545	966	295	1,807	360	2,240	248	2,848	1,374
3003	10	43,497	4,649	11,078	4,877	20,603	4,891	29,310	4,937	39,139	12,288
3004	10	22,736	2,353	5,640	2,496	10,488	2,188	12,979	2,196	17,363	6,423
3005	10	3,208	473	697	186	1,356	339	1,489	411	2,239	906
3006	10	10,084	1,763	2,253	304	4,319	1,305	4,356	1,445	7,106	2,849
3007	10	12,050	1,939	2,685	565	5,188	1,029	4,062	990	6,081	3,404
3008	10	11,256	1,638	2,387	610	4,635	1,032	4,623	1,426	7,081	3,180
3009	10	11,441	1,861	2,471	424	4,755	1,139	3,984	1,015	6,138	3,232
3010	10	533	91	115	14	219	26	397	28	450	151
3011	10	8,020	1,284	1,791	388	3,463	594	2,425	786	3,805	2,266
3012	10	6,947	1,142	1,703	469	3,313	491	2,604	874	3,969	1,963
3013	10	9,190	1,365	1,829	330	3,523	790	2,838	713	4,342	2,596
3014	10	6,735	1,070	1,412	234	2,716	377	2,019	452	2,848	1,903
3015	10	3,298	522	746	178	1,446	309	1,406	392	2,108	932
3016	10	2,835	564	642	8	1,214	322	1,174	6	1,503	801
3017	10	3,590	554	750	142	1,445	212	1,069	291	1,573	1,014
3018	10	1,601	298	353	20	670	311	1,029	36	1,376	452
3019	10	2,949	470	712	207	1,389	245	1,400	459	2,105	833
3020	10	2,820	429	600	132	1,161	304	1,264	288	1,856	797
3021	10	1,277	170	250	66	486	96	452	147	695	361
3022	10	32,082	4,287	6,299	1,656	12,242	2,506	11,702	3,652	17,860	9,063
3023	10	11,072	1,940	2,377	219	4,536	1,000	2,791	379	4,170	3,128
3024	10	17,055	2,697	3,987	1,069	7,753	1,240	6,051	1,749	9,040	4,818
3025	10	29,153	4,527	6,465	1,539	12,531	2,749	13,994	3,955	20,697	8,236
3026	10	16,945	1,846	1,969	2,681	6,495	1,020	8,068	1,429	10,517	4,787
3027	10	9,374	1,248	1,374	929	3,552	471	5,562	517	6,550	2,648
3071	6	59,521	2,557	10,347	9,382	22,286	6,929	11,639	337	18,906	16,815
3072	6	15,662	1,151	2,686	1,849	5,686	1,480	4,761	64	6,304	4,425
3073	6	7,138	855	1,401	657	2,913	638	4,380	22	5,040	2,016
3074	6	6,715	303	1,326	1,232	2,861	874	1,084	44	2,003	1,897
3075	6	9,281	1,501	1,602	780	3,884	1,957	1,329	9	3,294	2,622
3076	6	9,239	1,544	1,655	660	3,859	1,346	3,525	7	4,878	2,610
3077	6	15,434	2,545	2,712	1,427	6,684	3,553	2,111	16	5,680	4,360
3078	6	24,798	4,141	4,437	1,762	10,339	5,630	3,370	19	9,020	7,005
3079	6	6,051	884	933	687	2,503	967	1,113	8	2,088	1,709
3080	6	940	725	780	239	1,745	153	1,989	2	2,144	266
3081	6	11,647	1,936	2,071	904	4,911	1,834	2,927	10	4,770	3,290
3082	6	12,414	2,191	2,367	503	5,061	3,252	3,078	4	6,334	3,507
3083	6	3,608	609	652	270	1,530	1,300	1,480	3	2,782	1,019
3084	6	12,333	2,097	2,259	609	4,965	3,381	3,016	6	6,402	3,484
3085	6	16,107	3,231	3,031	693	6,954	4,112	3,980	177	8,270	4,550
3101	15	15,050	3,116	2,679	1,170	6,965	8,911	19,207	1,860	29,978	4,252
3102	15	19,177	3,195	2,101	1,478	6,775	4,852	3,264	1,631	9,747	5,417
3103	15	4,569	717	471	332	1,521	728	2,919	437	4,085	1,291
3104	15	910	256	157	123	536	110	176	87	373	257
3105	15	5,694	1,513	1,042	680	3,235	3,220	635	538	4,393	1,609
3106	15	17,863	3,272	2,330	1,437	7,039	6,144	13,151	1,795	21,090	5,046
3107	15	7,385	1,519	914	740	3,173	1,135	763	595	2,494	2,086
3108	15	38,560	2,487	3,026	2,360	7,872	13,150	7,210	3,228	23,587	10,893
3109	15	5,865	386	464	342	1,191	1,022	1,036	459	2,517	1,657
3121	9	3,477	563	408	93	1,063	312	154	476	942	982
3122	17	1,31,424	10,113	29,248	11,925	51,286	2,204	37,895	16,854	56,953	37,127
3123	16	44,995	3,908	7,526	4,838	16,272	2,253	32,535	23,523	58,311	12,711
3124	17	86,691	7,113	4,725	17,657	29,495	3,333	23,843	8,508	35,684	24,490
3125	17	56,901	10,169	4,837	3,185	18,191	2,241	19,975	7,860	30,076	16,075
3126	18	17,918	979	3,663	2,957	7,599	4,480	5,103	131	9,715	5,062
3127	18	25,310	1,989	3,445	4,084	9,517	175	966	4,224	5,365	7,150
3128	18	27,210	3,423	4,527	4,157	12,107	1,706	4,778	3,046	9,530	7,687
3129	18	23,651	2,464	3,499	3,485	9,448	1,358	3,216	2,570	7,144	6,681
3130	18	192	148	109	41	298	37	101	12	150	54
3131	18	32	290	212	-	502	230	1,479	-	1,709	9
3132	18	38,202	6,931	6,743	2,870	16,543	5,453	8,118	2,012	15,583	10,792
3133	18	4	32	24	-	56	7	34	-	41	1
3134	19	1,40,534	17,933	16,746	14,539	49,217	10,615	18,919	18,776	48,310	39,701
3135	18	6,689	1,574	1,245	472	3,292	370	6,267	203	6,841	1,890
3136	18	6,994	1,048	957	943	2,947	403	1,181	735	2,319	1,976
3137	18	84,951	6,759	6,323	6,832	19,914	12,052	829	9,114	21,995	23,999

Annexure 7-8

Planning parameters for 2041: MMR Area (CTSU Scenario)

ANNEXURE 7-8: PLANNING PARAMETERS FOR 2041: MMR AREA (CTSU SCENARIO)

Table 1: Planning Parameters 2041 (CTSU Scenario)

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1	1	1,062	359	17	255	630	448	56	337	841	300
2	1	7,131	2,751	305	1,542	4,598	6,033	303	1,127	7,464	2,014
3	1	18,084	5,588	700	3,429	9,717	3,663	206	1,903	5,772	5,109
4	1	21,519	7,052	833	4,080	11,965	6,166	263	2,427	8,856	6,079
5	1	16,326	5,036	632	3,096	8,764	4,090	235	2,174	6,500	4,612
6	1	5,351	2,298	410	258	2,966	8,677	835	6,259	15,772	1,512
7	1	4,146	1,320	183	819	2,322	4,876	814	2,312	8,003	1,171
8	1	2,040	622	40	604	1,266	2,154	210	6,790	9,154	576
9	1	12,068	3,853	238	3,547	7,638	10,534	2,472	12,667	25,673	3,409
10	1	2,828	1,526	140	605	2,272	44,378	2,589	7,174	54,141	799
11	1	2,126	1,806	105	455	2,366	37,018	2,052	5,687	44,757	600
12	1	15,164	4,390	588	2,197	7,175	55,850	1,626	5,965	63,442	4,284
13	1	4,487	1,484	232	792	2,509	14,369	2,174	5,700	22,242	1,268
14	1	1,362	529	122	205	856	5,222	891	3,280	9,394	385
15	1	1,987	625	74	280	980	17,422	1,552	8,473	27,448	561
16	1	5,447	2,478	274	682	3,434	6,349	3,306	4,536	14,191	1,539
17	1	3,651	2,155	75	632	2,862	17,337	804	10,087	28,228	1,031
18	1	1,27,906	4,255	93	910	5,257	90,468	1,873	11,210	1,03,551	36,133
19	1	38,932	945	320	1,067	2,332	35,146	6,269	8,447	49,863	10,998
20	1	5,362	1,744	127	917	2,788	13,105	3,224	4,386	20,715	1,515
21	1	6,016	853	211	1,638	2,701	4,525	1,612	4,821	10,958	1,699
22	1	2,488	932	54	176	1,161	1,835	787	2,605	5,227	703
23	1	3,855	183	333	1,211	1,727	6,827	3,314	3,667	13,808	1,089
24	1	6,626	1,064	95	2,335	3,494	21,711	3,360	4,651	29,722	1,872
25	1	13,253	3,218	612	2,123	5,953	5,378	2,587	1,986	9,951	3,744
26	1	5,917	1,142	69	1,440	2,652	3,231	26	1,178	4,436	1,672
27	1	6,665	2,298	97	570	2,965	4,176	23	1,150	5,348	1,883
28	1	9,318	2,487	45	1,750	4,282	3,680	631	1,756	6,068	2,632
29	1	7,613	801	57	2,641	3,499	5,035	308	345	5,688	2,151
30	1	33,145	1,751	134	844	2,730	14,409	67	1,263	15,739	9,363
31	1	7,566	2,522	408	931	3,861	2,715	78	1,725	4,518	2,137
32	1	3,101	866	215	456	1,537	879	148	772	1,798	876
33	1	3,172	416	194	1,106	1,716	4,811	137	1,709	6,657	896
34	1	5,704	1,063	466	885	2,414	4,656	258	1,661	6,575	1,611
35	1	3,311	524	253	655	1,432	2,975	212	1,460	4,648	935
36	1	7,982	1,111	442	2,061	3,614	5,518	901	2,876	9,295	2,255
37	1	4,708	1,452	-	942	2,394	3,295	-	5,624	8,919	1,330
38	1	2,779	463	18	908	1,389	1,982	-	3,346	5,327	785
39	1	8,078	993	169	2,755	3,917	2,722	-	8,692	11,415	2,282
40	1	3,243	181	122	1,122	1,425	4,255	268	9,830	14,352	916
41	1	4,314	920	178	798	1,896	4,369	1,380	8,050	13,799	1,219
42	1	5,730	1,095	177	1,291	2,563	2,050	347	12,837	15,233	1,619
43	1	3,819	249	204	1,176	1,629	1,746	435	9,893	12,075	1,079
44	1	4,151	596	148	1,090	1,834	5,713	247	5,787	11,746	1,173
45	1	2,679	1,057	128	1,068	2,253	18,457	273	22,554	41,284	757
46	1	2,869	1,119	-	1,421	2,540	16,055	3,222	22,897	42,174	811
47	1	1,202	374	142	398	915	10,718	1,882	2,981	15,581	339
48	1	1,967	580	131	905	1,617	32,383	528	4,976	37,887	556
49	1	2,752	595	248	664	1,507	5,471	482	3,441	9,394	777
50	1	2,175	455	128	636	1,220	4,352	308	2,212	6,872	615
51	1	1,990	673	117	310	1,100	2,415	220	1,883	4,518	562
52	1	2,105	612	104	568	1,283	4,215	244	4,636	9,095	595
53	1	4,395	1,973	110	746	2,829	10,622	379	7,766	18,766	1,242
54	1	4,500	1,624	233	944	2,801	6,697	728	4,164	11,589	1,271
55	1	6,824	2,233	342	1,578	4,153	7,931	134	3,665	11,730	1,928
56	1	7,309	844	303	2,992	4,139	6,934	240	2,448	9,622	2,065
57	1	7,493	2,408	346	1,469	4,223	5,165	991	5,481	11,637	2,117
58	1	1,265	329	53	172	554	1,834	512	1,549	3,896	357
59	1	11,115	3,710	516	1,973	6,199	12,319	423	6,827	19,570	3,140
60	1	8,616	2,288	247	2,300	4,835	9,710	397	2,293	12,400	2,434
61	1	3,164	773	176	742	1,691	2,348	347	1,771	4,466	894
62	1	3,437	913	154	807	1,873	2,106	267	2,469	4,842	971
63	1	2,213	606	121	450	1,177	1,249	79	1,598	2,925	625
64	1	4,608	1,342	53	1,276	2,671	2,557	106	3,429	6,091	1,302
65	1	4,244	639	108	1,645	2,391	3,601	170	2,326	6,097	1,199
66	1	6,129	1,693	288	1,057	3,038	3,254	1,585	3,122	7,960	1,731
67	1	4,854	1,552	349	398	2,298	4,600	238	1,401	6,239	1,371
68	1	3,469	720	81	943	1,743	2,887	72	951	3,910	980
69	1	2,617	457	79	749	1,286	850	47	1,587	2,484	739
70	1	2,236	412	74	605	1,091	667	24	1,085	1,776	632
71	1	3,188	571	96	913	1,580	571	54	4,525	5,150	901
72	1	6,329	1,849	102	1,320	3,272	2,104	219	4,784	7,107	1,788
73	1	3,376	1,035	178	451	1,664	1,314	51	1,563	2,929	954
74	1	6,064	565	543	1,564	2,673	2,653	364	2,228	5,245	1,713
75	1	4,957	2,447	130	520	3,097	9,779	1,112	2,267	13,158	1,400
76	1	2,618	1,098	122	218	1,438	1,878	111	608	2,597	740
77	1	852	255	18	206	479	872	7	263	1,141	241
78	1	6,324	2,077	490	574	3,142	5,020	73	908	6,001	1,786
79	1	682	343	13	26	383	218	52	357	626	193
80	1	6,847	1,546	121	2,186	3,854	5,864	40	1,341	7,245	1,934
81	1	1,196	682	57	240	979	3,902	203	5,075	9,180	338
82	1	5,875	968	206	2,407	3,581	8,467	1,057	11,556	21,081	1,660
83	1	2,830	507	218	1,026	1,751	8,304	1,359	1,721	11,384	799
84	1	4,712	2,815	153	179	3,147	13,800	2,451	4,138	20,389	1,331
85	1	5,748	3,238	58	539	3,835	1,644	254	1,682	3,580	1,624
86	1	7,032	2,369	116	1,961	4,446	886	153	1,994	3,033	1,987
87	1	4,365	2,649	27	92	2,768	275	42	1,325	1,642	1,233
88	1	8,726	2,704	220	2,417	5,340	1,402	262	1,335	2,998	2,465
89	1	9,583	5,951	132	23	6,106	2,533	465	2,756	5,754	2,707
90	1	9,450	5,754	137	58	5,950	2,071	72	1,710	3,853	2,670
91	1	4,270	1,905	284	180	2,369	3,373	103	1,200	4,677	1,206
92	1	5,466	1,767	293	955	3,016	2,143	553	2,757	5,453	1,544
93	1	3,891	1,203	152	825	2,180	2,366	190	1,408	3,963	1,099
94	1	5,255	2,739	189	793	3,721	7,610	67	3,279	10,956	1,484
95	1	3,662	1,492	64	603	2,160	1,747	36	1,283	3,066	1,035
96	1	32,612	12,254	579	6,245	19,078	17,971	1,218	11,134	30,323	9,213
97	1	9,446	2,420	500	2,239	5,159	3,444	1,154	2,711	7,309	2,669
98	1	18,181	8,572	371	1,744	10,687	8,805	403	8,488	17,696	5,136
99	1	5,418	1,516	313	1,119	2,947	1,766	538	1,311	3,615	1,530
100	1	3,738	1,696	217	777	2,690	4,120	224	594	4,937	1,056
101	1	3,513	1,790	135	1,001	2,927	11,606	2,321	4,299	18,226	992
102	1	4,275	1,065	347	602	2,014	202	9	10	220	1,208
103	1	15,173	4,306	491	3,393	8,189	8,335	311	2,183	10,829	4,286
104	1	20,138	8,105	1,089	1,066	10,259	5,244	875	3,584	9,703	5,689
105	1	9,914	3,863	1,010	2,609	7,482	12,817	562	2,773	16,152	2,801
106	1	12,751	2,751	858	2,733	6,342	3,375	408	2,910	6,694	3,602
107	1	12,609	1,800	922	3,415	6,138	5,388	1,686	3,989	11,062	3,562
108	1	10,303	4,041	471	2,836	7,348	4,896	1,705	2,211	8,812	2,911
109	1	4,101	2,689	572	446	3,707	5,239	1,359	2,577	9,176	1,158
110	1	6,332	1,515	339	1,371	3,226	2,306	47	3,332	5,685	1,789
111	1	6,549	1,775	106	1,485	3,365	4,153	515	5,201	9,870	1,850
112	1	4,176	327	84	1,626	2,036	1,706	217	1,387	3,310	1,180
113	1	4,586	207	55	1,990	2,251	654	97	1,528	2,279	1,296
114	1	11,956	519	980	3,425	4,924	634	200	5,359	6,192	3,378
115	1	2,666	544	162	368	1,074	2,868	130	609	3,606	753
116	1	4,683	634	139	1,196	1,970	2,900	364	1,188	4,453	1,323
117	1	6,062	1,168	256	1,055	2,478	165	166	4,462	4,793	1,713
118	1	3,083	404	124	739	1,266	80	77	1,812	1,969	871
119	1	1,782	265	46	447	757	184	151	1,446	1,782	504
120	1	1,563	61	38	569	668	84	145	1,272	1,501	442
121	1	10,270	1,548	1,863	394	3,805	5,701	321	3,816	9,838	2,901
122	1	11,565	1,019	624	4,087	5,730	2,921	850	3,438	7,209	3,267
123	1	11,572	2,029	1,125	2,218	5,371	4,959	1,497	1,870	8,326	3,269
124	1	34,061	7,259	2,189	7,516	16,964	14,377	2,756	5,914	23,047	9,622
125	1	18,796	2,717	687	6,309	9,713	6,942	1,234	6,890	15,066	5,310
126	1	12,012	3,322	797	2,206	6,325	5,207	888	5,243	11,338	3,393
127	1	9,311	1,559	1,306	902	3,768	3,197	172	2,620	5,989	2,630
128	1	4,064	711	254	1,022	1,986	950	180	1,585	2,715	1,148
129	1	2,399	1,072	121	543	1,736	3,437	465	1,027	4,928	678
130	1	5,787	1,605	72	1,807	3,483	7,174	758	2,291	10,223	1,635
131	1	4,687	1,354	161	1,217	2,733	4,474	1,546	3,103	9,122	1,324
132	1	5,649	1,170	351	1,442	2,963	6,426	664	2,336	9,427	1,596
133	1	6,147	2,308	374	639	3,321	6,730	879	3,046	10,656	1,737
134	1	3,648	1,500	54	842	2,395	3,381	667	2,187	6,235	1,031
135	1	4,314	1,443	217	831	2,491	4,945	1,443	1,393	7,781	1,219
136	1	22,592	7,593	804	3,202	11,600	5,482	1,176	3,517	10,175	6,382
137	1	16,882	8,643	156	996	9,795	5,273	431	3,242	8,946	4,769
138	1	49,572	12,024	928	13,310	26,262	16,317	598	6,362	23,277	14,004
139	1	20,270	5,162	1,130	3,848	10,140	8,046	2,518	989	11,553	5,726
140	1	5,293	1,473	526	460	2,459	2,196	253	753	3,202	1,495
141	1	63,750	12,824	2,362	8,975	24,161	15,006	697	8,608	24,311	18,009
142	1	58,201	9,904	3,049	4,269	17,222	38,784	907	6,182	45,873	16,442

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
143	1	25,060	2,082	1,197	4,312	7,590	13,500	493	3,509	17,502	7,080
144	1	47,125	9,162	2,596	5,056	16,814	4,284	1,536	6,580	12,400	13,313
145	1	37,790	6,835	1,378	5,312	13,524	1,558	942	6,333	8,833	10,676
146	1	8,259	1,929	555	1,608	4,092	2,632	552	772	3,956	2,333
147	1	11,199	4,303	752	2,181	7,236	9,610	592	828	11,030	3,164
148	1	7,692	2,126	384	1,112	3,622	1,609	830	1,161	3,601	2,173
149	1	18,650	5,762	913	3,521	10,196	6,360	524	5,182	12,067	5,269
150	1	8,069	1,552	589	1,727	3,868	2,241	361	1,298	3,901	2,279
151	1	17,740	1,967	558	7,338	9,862	10,210	422	1,937	12,570	5,011
152	1	10,858	4,674	466	1,649	6,789	7,871	453	5,372	13,695	3,067
153	1	6,776	2,023	250	1,186	3,458	2,279	87	994	3,360	1,914
154	1	9,996	4,420	1,049	922	6,391	12,707	1,729	5,387	19,823	2,824
155	1	8,137	2,349	520	1,302	4,172	4,118	643	958	5,718	2,299
156	1	14,077	3,801	1,319	1,644	6,764	4,609	1,779	3,774	10,162	3,977
157	1	2,949	911	268	558	1,736	5,436	886	1,502	7,824	833
158	1	16,198	3,889	1,969	1,776	7,634	10,508	1,930	2,731	15,170	4,576
159	1	14,981	4,537	720	2,915	8,172	6,911	1,293	2,050	10,253	4,232
160	1	10,753	2,752	553	2,129	5,434	1,822	428	4,428	6,678	3,038
161	1	19,701	3,755	1,666	3,679	9,101	3,139	790	1,701	5,630	5,565
162	1	13,610	2,241	974	3,371	6,587	2,996	506	1,806	5,308	3,845
163	1	13,702	6,133	358	4,233	10,724	23,013	2,092	5,738	30,844	3,871
164	1	2,366	1,230	214	297	1,742	2,071	345	152	2,568	668
165	1	16,218	4,984	1,478	4,426	10,888	43,572	3,518	7,071	54,161	4,582
166	1	9,554	5,287	454	1,961	7,703	8,291	463	1,581	10,336	2,699
167	1	15,386	3,392	1,617	1,832	6,841	2,489	570	1,838	4,897	4,347
168	1	12,137	2,454	924	2,299	5,677	1,483	711	1,219	3,414	3,429
169	1	6,048	1,129	321	1,481	2,931	1,033	128	865	2,027	1,708
170	1	1,786	514	164	298	976	994	103	257	1,354	505
171	1	4,331	1,255	347	523	2,125	1,271	790	1,385	3,446	1,223
172	1	5,883	1,629	394	1,084	3,107	6,962	1,894	3,117	11,973	1,662
173	1	4,876	1,249	569	318	2,136	1,853	772	822	3,447	1,378
174	1	4,486	1,062	345	714	2,121	793	381	1,311	2,485	1,267
175	1	5,275	2,451	75	438	2,964	2,594	494	1,006	4,095	1,490
176	1	26,144	7,456	1,082	5,541	14,080	13,526	825	4,947	19,297	7,386
177	1	5,487	1,475	403	696	2,574	1,261	27	1,855	3,143	1,550
178	1	6,494	592	1,195	529	2,316	1,677	31	2,317	4,025	1,835
179	1	16,968	4,448	684	4,052	9,184	10,443	1,588	4,344	16,374	4,794
180	1	19,944	2,596	2,335	4,779	9,710	9,163	1,207	7,053	17,422	5,634
181	1	19,247	1,984	1,472	6,059	9,514	5,966	1,000	4,508	11,475	5,437
182	1	22,814	2,435	1,745	7,182	11,361	7,882	1,274	5,744	14,900	6,445
183	1	11,722	1,256	896	3,690	5,843	4,815	798	3,597	9,210	3,311
184	1	6,202	1,034	474	1,952	3,461	2,984	325	1,463	4,772	1,752
185	1	2,573	459	197	810	1,466	1,998	233	1,052	3,283	727
186	1	13,613	2,593	951	3,624	7,168	7,011	1,683	5,297	13,991	3,846
187	1	15,529	3,957	899	3,694	8,550	7,436	3,173	1,906	12,515	4,387
188	1	12,306	2,858	712	2,928	6,498	5,148	2,666	1,601	9,416	3,477
189	1	15,874	3,676	919	3,777	8,371	5,666	2,904	1,744	10,314	4,484
190	1	10,053	2,176	609	2,365	5,150	2,460	1,576	2,646	6,682	2,840
191	1	25,830	6,575	1,821	4,632	13,028	10,967	2,022	5,263	18,253	7,297
192	1	11,394	2,277	1,272	1,705	5,254	4,102	1,204	1,712	7,018	3,219
193	1	211	198	5	11	214	3,775	317	3,137	7,228	60
194	1	7,799	1,229	825	1,570	3,625	2,425	268	2,835	5,528	2,203
195	1	3,172	739	168	745	1,652	854	96	1,111	2,061	896
196	1	9,410	2,328	781	2,042	5,152	11,360	1,226	1,966	14,552	2,658
197	1	16,801	7,398	1,173	1,377	9,948	30,321	5,854	7,036	43,211	4,746
198	1	19,594	8,856	595	1,398	10,850	10,339	981	6,691	18,012	5,535
199	1	22,920	5,533	1,210	5,383	12,127	8,445	3,891	6,259	18,595	6,475
200	1	16,575	4,679	538	3,989	9,207	8,143	3,771	7,965	19,880	4,682
201	1	15,743	7,832	215	1,073	9,119	5,846	475	8,229	14,550	4,447
202	1	2,778	792	253	367	1,411	2,444	820	728	3,991	785
203	1	24,821	6,833	1,121	5,631	13,584	11,495	1,011	10,411	22,917	7,012
204	1	16,147	6,256	40	2,378	8,674	10,198	2,103	5,159	17,460	4,561
205	1	5,082	1,633	106	1,077	2,816	3,506	461	1,627	5,594	1,436
206	1	3,044	1,386	28	237	1,651	1,429	478	1,233	3,140	860
207	1	2,298	656	55	480	1,191	930	96	1,239	2,266	649
208	1	7,523	1,631	485	1,457	3,572	5,345	393	2,402	8,140	2,125
209	1	15,271	5,506	184	2,383	8,074	10,083	2,538	9,064	21,686	4,314
210	1	4,390	701	348	1,068	2,117	2,196	318	2,428	4,942	1,240
211	1	2,454	1,065	131	202	1,398	2,587	244	1,489	4,320	693
212	1	3,864	1,175	106	666	1,947	1,618	78	2,402	4,098	1,092
213	1	4,289	1,510	122	1,008	2,640	6,662	1,011	2,598	10,272	1,212
214	1	7,700	1,693	695	1,332	3,720	4,254	1,489	6,450	12,193	2,175
215	1	5,736	1,396	322	1,251	2,969	5,817	758	3,204	9,780	1,620
216	1	3,580	834	126	914	1,874	1,423	490	2,682	4,595	1,011
217	1	11,220	1,103	624	3,980	5,708	9,394	1,934	8,638	19,966	3,170

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
218	1	5,832	2,376	803	704	3,882	13,764	1,001	1,167	15,932	1,647
219	1	7,047	2,404	178	1,306	3,889	5,654	596	4,671	10,921	1,991
220	1	4,293	715	419	806	1,940	3,464	1,499	1,378	6,341	1,213
221	1	10,589	2,315	721	2,103	5,139	11,215	2,238	2,014	15,466	2,991
222	1	3,253	1,002	310	255	1,567	2,084	962	872	3,918	919
223	1	3,708	2,085	90	745	2,920	10,851	1,545	2,432	14,828	1,048
224	1	15,864	4,017	411	4,660	9,088	16,384	4,231	4,275	24,890	4,481
225	1	3,253	730	190	903	1,822	1,714	176	628	2,517	919
226	1	8,192	1,387	1,107	1,263	3,758	3,262	628	1,034	4,925	2,314
227	1	5,510	1,629	480	976	3,085	4,812	862	1,593	7,267	1,557
228	1	21,494	10,383	342	1,728	12,453	8,114	3,996	4,156	16,267	6,072
229	1	13,018	3,483	731	2,940	7,154	14,430	2,269	2,524	19,224	3,678
230	1	8,573	3,354	151	1,461	4,967	5,107	467	939	6,512	2,422
231	1	8,264	1,916	631	1,727	4,274	1,539	1,095	3,523	6,157	2,335
232	1	12,257	3,088	644	2,653	6,385	5,438	253	2,300	7,991	3,462
233	1	7,579	2,324	799	1,094	4,217	7,201	983	2,691	10,875	2,141
234	1	22,364	3,224	2,591	5,254	11,069	12,631	8,293	3,366	24,289	6,318
235	1	5,459	1,377	437	1,101	2,914	3,332	993	1,804	6,129	1,542
236	1	5,495	2,212	224	1,658	4,095	14,508	2,558	7,154	24,219	1,552
237	1	4,573	1,832	206	547	2,585	1,596	539	960	3,096	1,292
238	1	6,858	2,316	609	895	3,820	9,235	3,076	4,483	16,794	1,937
239	1	9,850	3,520	419	1,829	5,768	6,621	2,170	3,603	12,394	2,783
240	1	22,645	6,910	832	4,822	12,563	7,474	635	1,881	9,990	6,397
241	1	13,728	3,695	674	3,153	7,521	4,247	675	1,151	6,073	3,878
242	1	19,742	4,486	1,332	4,927	10,744	8,572	2,145	8,553	19,270	5,577
243	1	4,460	5,960	107	607	6,675	19,488	271	1,593	21,352	1,260
244	2	7,133	386	871	1,882	3,139	1,268	395	894	2,557	2,015
245	2	11,937	1,693	903	3,061	5,656	2,062	276	1,855	4,193	3,372
246	2	6,773	1,561	759	573	2,893	1,334	191	1,215	2,740	1,913
247	2	17,735	5,867	770	3,409	10,046	7,332	33	2,783	10,148	5,010
248	2	9,357	1,829	23	2,969	4,821	1,518	137	2,037	3,693	2,643
249	2	24,657	5,173	224	5,859	11,256	4,086	534	4,834	9,454	6,966
250	2	6,356	1,036	466	1,296	2,798	2,100	144	1,685	3,928	1,796
251	2	13,355	5,428	345	1,529	7,302	13,631	271	3,264	17,166	3,773
252	2	25,943	9,486	690	3,055	13,231	17,311	333	4,013	21,657	7,329
253	2	25,629	7,348	713	3,159	11,220	8,222	193	2,331	10,746	7,240
254	2	13,822	5,993	351	1,556	7,901	7,646	68	819	8,533	3,905
255	2	6,449	2,497	383	1,339	4,219	2,737	505	2,565	5,806	1,822
256	2	27,571	9,175	1,230	3,305	13,710	4,942	464	3,628	9,033	7,789
257	2	15,541	4,317	795	3,134	8,246	3,165	317	2,382	5,864	4,390
258	2	22,651	9,754	455	5,031	15,240	10,854	875	2,020	13,749	6,399
259	2	36,568	7,628	2,037	6,564	16,229	6,789	293	1,303	8,385	10,330
260	2	45,888	9,995	3,154	7,163	20,312	6,671	1,996	4,825	13,492	12,963
261	2	17,365	3,561	2,024	1,165	6,749	2,270	110	1,611	3,991	4,906
262	2	35,231	3,315	7,091	1,364	11,770	4,899	1,077	4,015	9,991	9,953
263	2	506	995	-	-	995	8,376	297	889	9,562	143
264	2	868	814	49	32	895	6,625	236	708	7,569	245
265	2	-	717	-	-	717	11,321	468	1,403	13,192	-
266	2	44,382	10,446	4,247	2,761	17,454	15,031	515	1,544	17,090	12,538
267	2	5,794	3,891	567	369	4,827	1,14,822	510	1,527	1,16,859	1,637
268	2	25,170	7,146	2,516	1,636	11,298	21,191	818	2,451	24,461	7,110
269	2	1,251	1,987	26	17	2,031	19,066	703	2,105	21,873	353
270	2	8,072	4,485	656	426	5,567	12,606	376	1,126	14,108	2,280
271	2	48,807	14,175	3,622	5,240	23,038	10,070	966	4,100	15,137	13,788
272	2	44,809	8,940	2,720	7,162	18,822	11,908	980	6,833	19,721	12,659
273	2	8,951	6,433	81	776	7,290	9,374	214	1,176	10,765	2,529
274	2	11,920	4,450	325	1,098	5,873	3,173	433	2,856	6,462	3,367
275	2	25,242	5,943	2,280	1,928	10,151	4,955	577	2,919	8,452	7,131
276	2	28,370	8,443	1,722	3,075	13,240	5,177	1,140	3,034	9,351	8,014
277	2	18,915	4,864	812	3,467	9,143	2,311	930	2,999	6,240	5,344
278	2	59,263	17,455	586	14,063	32,104	3,726	1,329	8,243	13,297	16,742
279	2	16,753	3,672	1,135	3,123	7,930	2,444	496	3,300	6,240	4,733
280	2	7,045	2,317	99	1,366	3,782	1,370	49	1,815	3,235	1,990
281	2	11,491	6,897	495	1,528	8,921	10,429	167	1,426	12,023	3,246
282	2	13,281	8,104	926	1,110	10,139	11,037	128	1,863	13,027	3,752
283	2	3,421	732	287	531	1,550	1,074	375	2,761	4,210	966
284	2	4,496	2,941	70	321	3,332	6,550	863	1,461	8,874	1,270
285	2	6,083	1,460	761	908	3,129	7,159	593	2,233	9,985	1,719
286	2	4,517	1,307	68	996	2,370	2,399	108	4,156	6,663	1,276
287	2	16,206	3,337	505	3,192	7,035	3,041	261	2,928	6,230	4,578
288	2	22,034	9,417	489	3,483	13,388	10,554	1,731	1,905	14,189	6,225
289	2	10,575	3,872	407	1,624	5,902	5,600	199	1,954	7,753	2,988
290	2	17,560	3,540	1,572	2,383	7,494	5,635	984	3,760	10,378	4,961
291	2	6,268	1,100	734	1,556	3,391	1,468	150	704	2,323	1,771
292	2	19,068	4,850	1,450	3,167	9,467	3,480	928	4,430	8,839	5,387

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
293	2	10,442	5,413	306	1,347	7,067	9,211	525	2,888	12,624	2,950
294	2	18,878	6,073	1,612	2,314	9,999	8,790	4,861	4,908	18,559	5,333
295	2	7,473	3,351	107	570	4,029	1,297	503	1,545	3,345	2,111
296	2	15,355	4,375	2,462	879	7,716	6,110	1,106	2,730	9,947	4,338
297	2	8,756	2,005	289	2,350	4,643	1,885	342	1,813	4,040	2,474
298	2	6,218	1,503	430	1,100	3,033	711	186	1,443	2,340	1,757
299	2	6,216	958	840	614	2,412	1,743	161	489	2,393	1,756
300	2	18,436	3,506	1,146	3,856	8,508	3,643	820	2,324	6,787	5,208
301	2	14,357	3,910	713	2,959	7,581	3,890	1,274	1,786	6,951	4,056
302	2	15,404	2,967	1,390	2,557	6,914	2,081	805	2,417	5,304	4,352
303	2	18,818	6,483	1,411	2,408	10,301	9,702	1,161	1,838	12,701	5,316
304	2	15,672	8,691	78	2,630	11,400	10,972	354	912	12,238	4,427
305	2	31,213	14,391	166	5,574	20,131	19,889	868	2,237	22,994	8,818
306	2	23,796	10,193	130	4,343	14,666	13,040	515	1,327	14,883	6,722
307	2	21,158	4,247	1,486	4,841	10,573	4,610	1,562	4,637	10,809	5,977
308	2	14,571	5,059	791	2,051	7,902	6,138	819	2,162	9,119	4,116
309	2	24,558	5,819	1,950	4,182	11,951	8,531	1,031	3,199	12,761	6,938
310	2	1,016	865	96	11	972	1,062	72	195	1,329	287
311	2	8,287	3,902	39	739	4,680	2,307	1,437	1,220	4,964	2,341
312	2	18,659	3,566	1,194	3,743	8,504	4,459	847	2,396	7,702	5,271
313	2	23,609	9,074	2,206	2,064	13,345	27,894	7,141	8,132	43,167	6,670
314	2	10,935	3,696	609	2,009	6,314	5,453	822	1,554	7,829	3,089
315	2	52,718	17,843	1,893	3,204	22,941	15,630	3,250	4,919	23,800	14,893
316	2	19,510	2,858	1,425	5,746	10,029	11,208	1,250	2,588	15,046	5,512
317	2	21,116	9,299	1,238	4,259	14,796	13,861	3,477	4,170	21,507	5,965
318	2	4,278	3,642	189	458	4,288	12,858	2,429	2,718	18,005	1,209
319	2	20,311	6,418	1,327	3,218	10,963	12,535	2,058	2,303	16,897	5,738
320	2	44,682	21,480	2,459	5,204	29,143	38,041	15,385	7,403	60,828	12,623
321	2	42,842	17,281	2,849	6,271	26,400	23,284	2,515	7,863	33,661	12,103
322	2	14,309	6,187	843	1,942	8,971	16,041	408	959	17,408	4,042
323	2	41,290	7,172	2,330	12,332	21,834	15,852	4,632	7,099	27,583	11,664
324	2	30,762	22,191	1,469	3,386	27,046	28,914	2,174	4,050	35,138	8,690
325	2	31,478	7,167	2,101	4,842	14,110	18,257	861	1,145	20,264	8,893
326	2	31,684	12,022	1,655	4,646	18,323	12,172	1,386	3,839	17,398	8,951
327	2	7,258	5,002	337	1,292	6,631	7,568	576	2,978	11,122	2,050
328	2	28,021	9,785	2,546	2,468	14,799	10,217	912	1,632	12,762	7,916
329	2	6,623	2,400	371	1,084	3,855	1,753	250	540	2,543	1,871
330	2	42,393	9,333	2,427	6,045	17,806	3,851	1,076	2,927	7,854	11,976
331	2	30,086	4,327	2,569	5,147	12,044	2,410	1,273	2,162	5,846	8,499
332	2	58,327	10,740	5,746	8,507	24,992	7,201	1,886	4,757	13,844	16,477
333	2	93,108	19,060	6,109	18,038	43,207	14,737	3,420	11,112	29,268	26,303
334	2	53,158	21,526	886	12,043	34,455	31,490	1,626	7,547	40,663	15,017
335	2	13,799	5,480	684	1,365	7,530	5,033	466	3,564	9,064	3,898
336	2	26,142	4,529	1,268	9,127	14,923	4,346	443	2,705	7,494	7,385
337	2	4,245	1,210	123	1,146	2,478	511	9	576	1,096	1,199
338	2	12,610	6,184	490	2,150	8,824	4,396	193	1,229	5,818	3,562
339	2	13,157	5,408	539	2,363	8,310	3,238	237	1,510	4,985	3,717
340	2	3,254	735	639	179	1,553	318	218	442	978	919
341	2	27,496	11,801	883	3,461	16,144	5,907	769	2,403	9,078	7,768
342	2	15,169	5,475	542	2,879	8,897	1,967	113	1,898	3,978	4,285
343	2	15,088	8,994	857	1,738	11,589	13,290	923	2,410	16,623	4,262
344	2	71,847	27,698	63	6,221	33,982	14,421	3,315	11,041	28,777	20,297
345	2	40,251	13,529	1,133	7,349	22,011	22,764	1,520	5,063	29,347	11,371
346	2	43,047	12,148	1,250	8,108	21,506	17,898	1,254	4,178	23,330	12,161
347	2	31,918	11,008	1,707	280	12,996	9,327	828	1,170	11,325	9,017
348	2	11,703	4,092	624	102	4,818	3,543	331	468	4,342	3,306
349	2	34,537	9,555	1,595	6,690	17,840	11,868	887	2,767	15,521	9,757
350	2	32,168	10,083	785	5,080	15,947	8,002	690	5,579	14,272	9,087
351	2	17,475	10,080	736	2,005	12,821	13,139	638	1,776	15,553	4,937
352	2	6,902	2,590	262	609	3,461	1,654	134	908	2,696	1,950
353	2	13,346	4,000	474	2,563	7,036	4,856	656	823	6,336	3,770
354	2	23,766	3,071	1,362	5,433	9,866	3,203	1,222	3,438	7,863	6,714
355	2	4,057	1,548	126	636	2,310	1,614	138	800	2,552	1,146
356	2	19,442	5,717	639	3,214	9,571	4,832	451	2,471	7,754	5,492
357	2	16,407	4,944	432	2,731	8,108	1,649	228	2,710	4,586	4,635
358	2	21,476	12,685	135	144	12,964	8,644	234	2,733	11,612	6,067
359	2	7,309	1,570	390	1,498	3,458	1,603	106	726	2,435	2,065
360	2	15,753	3,741	482	3,687	7,910	2,692	340	2,555	5,588	4,450
361	2	21,930	7,104	578	3,000	10,681	5,194	274	2,582	8,051	6,195
362	2	10,115	1,779	583	2,147	4,509	1,647	-	3,297	4,944	2,857
363	2	6,985	1,614	160	1,607	3,381	1,380	697	3,346	5,424	1,973
364	2	27,894	9,482	1,935	3,846	15,262	10,751	2,778	6,075	19,604	7,880
365	2	41,702	7,637	1,998	8,359	17,994	5,193	1,724	10,731	17,649	11,781
366	2	83,885	10,248	3,950	25,305	39,504	31,114	707	6,534	38,355	23,698
367	2	16,524	6,063	263	1,238	7,564	2,437	651	5,194	8,281	4,668

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
368	3	54,062	6,510	4,903	13,899	25,312	14,135	2,676	15,993	32,803	15,272
369	3	14,501	1,354	1,675	2,642	5,671	3,455	1,141	2,172	6,768	4,096
370	3	13,395	1,978	617	2,499	5,094	1,292	2,953	3,103	7,348	3,784
371	3	17,596	2,319	428	4,430	7,177	2,460	3,263	3,708	9,431	4,971
372	3	43,166	5,811	2,475	8,415	16,701	24,454	16,528	21,907	62,890	12,194
373	3	18,389	5,814	4,026	4,276	14,115	33,832	21,560	62,350	1,17,742	5,195
374	3	47,636	10,565	3,911	9,251	23,727	3,104	275	7	3,386	13,457
375	3	31,676	4,615	2,359	7,175	14,149	373	54	6	433	8,949
376	3	39,556	9,303	4,825	4,844	18,972	2,712	338	87	3,137	11,174
377	3	11,826	1,461	1,491	4,157	7,108	1,198	113	5	1,316	3,341
378	3	29,484	6,225	3,549	5,232	15,006	1,423	192	6	1,621	8,329
379	3	5,542	1,476	1,250	1,807	4,534	3,557	715	2,124	6,396	1,566
380	3	37,016	3,574	4,576	7,064	15,214	1,254	863	2,039	4,156	10,457
381	3	72,877	8,654	7,067	17,081	32,802	4,233	4,457	4,113	12,803	20,588
382	3	19,437	2,220	2,397	4,084	8,702	955	580	1,856	3,391	5,491
383	3	12,341	1,443	1,452	3,623	6,518	985	749	956	2,690	3,486
384	3	47,832	8,876	5,253	9,263	23,392	3,531	3,434	4,501	11,467	13,513
385	3	22,908	2,595	3,084	4,389	10,068	971	816	1,091	2,877	6,471
386	3	1,31,552	23,011	10,372	20,391	53,774	5,545	3,892	6,070	15,508	37,163
387	3	10,105	1,123	1,531	1,918	4,572	419	831	1,655	2,905	2,855
388	3	1,01,064	6,270	16,481	24,841	47,591	11,600	4,610	3,632	19,843	28,551
389	3	48,062	6,121	8,774	4,134	19,030	1,637	2,789	3,140	7,567	13,578
390	3	79,996	9,645	8,947	15,568	34,160	3,037	3,982	2,811	9,830	22,599
391	3	40,094	4,994	7,925	3,382	16,301	1,250	1,657	4,021	6,928	11,327
392	3	66,916	4,843	13,481	9,960	28,283	3,277	3,769	4,986	12,032	18,904
393	3	10,344	904	827	3,198	4,929	865	373	1,694	2,932	2,922
394	3	2,743	443	416	738	1,597	658	401	1,914	2,972	775
395	3	48,251	2,622	3,215	15,758	21,595	2,463	1,068	2,465	5,997	13,631
396	3	35,853	2,210	2,570	11,680	16,460	1,664	717	1,521	3,902	10,129
397	3	30,646	2,314	1,659	10,162	14,135	1,303	547	1,960	3,809	8,658
398	3	6,883	863	281	2,230	3,374	586	239	1,053	1,877	1,944
399	3	33,609	2,832	4,367	6,127	13,326	989	507	1,925	3,422	9,495
400	3	18,507	3,018	3,633	3,562	10,212	2,047	1,010	2,455	5,513	5,228
401	3	27,661	2,129	3,953	5,220	11,302	977	662	1,887	3,526	7,814
402	3	11,143	828	1,573	2,099	4,500	384	436	1,343	2,162	3,148
403	3	17,810	2,078	3,373	2,457	7,908	1,511	805	1,672	3,988	5,031
404	3	39,092	5,180	4,699	5,682	15,562	3,193	839	4,511	8,543	11,043
405	3	21,824	4,708	3,881	3,358	11,947	3,852	607	1,940	6,398	6,165
406	3	23,853	13,211	9,825	4,496	27,533	14,487	1,617	1,936	18,040	6,738
407	3	85,916	24,834	782	1,784	27,400	3,505	814	2,790	7,109	24,271
408	3	69,982	20,720	1,145	1,610	23,475	3,026	694	2,006	5,727	19,770
409	3	37,973	11,336	717	904	12,957	3,567	818	2,739	7,124	10,727
410	3	2,272	800	587	448	1,835	900	310	862	2,071	642
411	3	16,626	5,710	4,391	3,164	13,265	5,447	1,975	3,069	10,490	4,697
412	3	14,031	3,955	3,105	2,617	9,677	3,822	1,604	2,698	8,123	3,964
413	3	52,076	12,450	6,585	7,112	26,146	8,437	2,899	2,684	14,019	14,712
414	3	37,593	6,729	2,982	4,820	14,530	3,531	1,448	2,227	7,206	10,620
415	3	36,145	6,687	3,028	4,681	14,396	3,999	1,657	2,533	8,190	10,211
416	3	21,609	4,623	2,304	2,880	9,807	3,467	1,178	1,780	6,426	6,104
417	3	61,990	2,292	10,004	14,069	26,365	4,790	2,300	2,631	9,722	17,512
418	3	83,209	4,454	14,217	18,885	37,556	8,257	3,968	4,200	16,425	23,507
419	3	41,699	7,089	5,285	7,162	19,536	5,931	3,059	6,993	15,984	11,780
420	3	21,070	3,862	3,095	4,389	11,346	3,715	1,010	3,360	8,085	5,952
421	3	8,653	1,557	920	3,099	5,575	1,953	370	1,497	3,819	2,444
422	3	32,680	7,063	2,056	6,300	15,420	8,255	1,359	4,425	14,039	9,232
423	3	23,055	4,338	7,092	1,352	12,782	4,639	1,155	4,286	10,080	6,513
424	3	11,711	2,186	373	2,657	5,216	982	650	1,983	3,616	3,308
425	3	22,816	3,677	2,930	2,755	9,361	1,796	2,441	2,826	7,062	6,446
426	3	42,623	5,891	5,083	10,533	21,507	6,497	4,481	6,731	17,708	12,041
427	3	19,935	2,076	4,994	2,822	9,892	3,501	1,217	2,758	7,476	5,632
428	3	37,263	5,534	6,491	5,348	17,372	7,249	2,334	5,121	14,703	10,527
429	3	25,152	7,214	1,872	2,744	11,830	4,795	687	3,914	9,396	7,106
430	3	22,528	3,009	2,605	4,621	10,235	4,461	656	3,025	8,141	6,364
431	3	23,675	5,610	2,015	2,639	10,264	5,459	1,605	2,125	9,189	6,688
432	3	22,958	6,204	2,601	2,686	11,491	6,239	1,644	2,000	9,883	6,486
433	3	38,976	5,572	3,685	9,810	19,067	4,203	1,733	6,351	12,287	11,011
434	3	6,288	1,342	946	1,178	3,466	1,404	427	1,489	3,320	1,776
435	3	37,980	6,944	5,785	6,521	19,250	8,356	2,299	2,597	13,252	10,729
436	3	6,166	311	320	2,924	3,555	1,096	208	543	1,848	1,742
437	3	30,358	15,266	7,891	3,338	26,495	16,388	8,215	9,854	34,457	8,576
438	3	23,143	10,839	4,138	2,194	17,170	7,347	5,006	5,749	18,102	6,538
439	3	26,284	4,005	3,783	2,925	10,713	4,087	1,205	3,951	9,243	7,425
440	3	7,611	4,217	2,658	1,856	8,731	4,891	3,907	6,194	14,993	2,150
441	3	33,238	5,369	5,507	8,132	19,007	5,649	1,778	9,170	16,597	9,390
442	3	19,004	4,799	2,710	3,452	10,961	5,208	2,044	4,295	11,547	5,369

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
443	3	38,280	2,515	5,544	9,076	17,136	8,878	783	4,451	14,112	10,814
444	3	38,566	2,937	5,831	9,140	17,908	8,297	790	4,086	13,172	10,895
445	3	7,923	832	939	1,991	3,763	2,259	1,285	4,119	7,664	2,238
446	3	6,442	1,224	413	1,254	2,892	529	421	1,571	2,521	1,820
447	3	13,413	2,466	2,644	2,615	7,725	2,777	1,774	1,883	6,434	3,789
448	3	32,125	6,035	5,382	7,407	18,825	7,806	1,397	5,941	15,144	9,075
449	3	17,896	4,396	1,946	444	6,786	1,742	705	3,114	5,561	5,056
450	3	58,549	14,463	3,633	8,500	26,596	10,230	1,347	10,259	21,837	16,540
451	3	33,589	8,226	3,377	3,988	15,590	11,090	5,906	7,859	24,854	9,489
452	3	6,411	1,122	441	1,571	3,134	897	1,229	2,091	4,217	1,811
453	3	7,100	2,099	1,051	160	3,310	2,356	620	2,243	5,220	2,006
454	3	27,112	4,312	6,031	7,609	17,952	19,715	3,385	16,860	39,960	7,659
455	3	11,972	1,819	1,719	1,938	5,476	1,067	1,786	2,821	5,674	3,382
456	3	17,739	3,385	682	3,535	7,602	559	580	3,299	4,438	5,011
457	3	15,068	2,024	1,456	3,194	6,674	672	656	3,516	4,844	4,257
458	3	7,761	768	1,254	1,509	3,531	891	367	1,577	2,835	2,192
459	3	7,156	1,383	959	1,506	3,848	1,360	365	1,750	3,475	2,022
460	3	6,972	1,339	586	1,091	3,016	643	284	994	1,921	1,970
461	3	63,355	2,198	16,648	7,618	26,463	8,207	1,295	8,915	18,416	17,898
462	3	63,458	13,511	4,700	7,462	25,673	2,313	4,928	14,537	21,778	17,927
463	3	16,840	2,221	5,646	1,271	9,138	2,854	3,683	3,888	10,425	4,757
464	3	19,278	7,830	5,993	3,397	17,221	12,088	23,530	8,031	43,649	5,446
465	3	74,619	5,050	12,858	13,326	31,234	21,499	7,732	8,202	37,432	21,080
466	3	44,834	5,901	5,162	10,004	21,067	10,761	10,482	11,478	32,721	12,666
467	3	21,528	2,902	3,501	4,130	10,533	13,146	5,417	6,292	24,855	6,082
468	2	13,050	1,528	-	6,159	7,687	2,284	2,040	148	4,473	3,687
469	2	7,465	3,203	93	1,607	4,904	3,940	594	1,428	5,962	2,109
470	2	52,800	16,668	1,350	5,377	23,395	12,401	3,963	10,343	26,707	14,916
471	2	6,625	1,295	513	1,107	2,915	2,728	526	1,723	4,977	1,872
472	2	16,356	4,831	694	1,494	7,019	3,820	1,574	3,069	8,463	4,620
473	2	6,773	1,084	718	740	2,543	1,428	432	1,170	3,030	1,913
474	2	25,904	7,123	1,637	4,491	13,251	17,247	2,772	4,885	24,904	7,318
475	2	4,123	996	206	785	1,988	2,963	492	870	4,325	1,165
476	2	39,742	6,978	4,340	5,243	16,561	14,428	4,909	6,275	25,612	11,227
477	2	9,111	2,367	499	946	3,812	2,543	812	1,815	5,170	2,574
478	2	40,096	12,363	2,422	5,445	20,230	19,495	1,641	6,459	27,596	11,327
479	2	36,215	11,314	2,678	5,273	19,265	20,101	2,934	4,818	27,853	10,231
480	2	11,400	6,058	313	1,072	7,443	7,329	1,274	2,534	11,137	3,220
481	2	8,313	3,467	423	1,175	5,065	4,642	1,037	2,058	7,738	2,348
482	2	6,537	3,339	56	353	3,748	2,649	664	1,186	4,499	1,847
483	2	8,389	3,319	225	633	4,177	2,311	723	2,240	5,274	2,370
484	2	8,998	1,221	352	2,412	3,985	879	1,097	2,300	4,277	2,542
485	2	11,447	5,484	140	952	6,575	5,367	902	2,443	8,713	3,234
486	2	25,098	3,634	2,647	6,003	12,285	6,389	2,267	5,815	14,470	7,090
487	2	49,394	7,663	3,353	9,127	20,144	4,621	2,438	7,776	14,836	13,954
488	2	51,946	8,784	4,680	6,485	19,950	2,603	1,956	6,470	11,030	14,675
489	2	1,46,383	8,646	32,020	1,377	42,043	12,701	9,904	19,616	42,221	41,353
490	2	1,34,225	24,640	7,584	21,584	53,808	12,481	5,046	15,478	33,005	37,918
491	2	70,308	13,943	3,940	11,212	29,095	9,969	3,689	11,317	24,975	19,862
492	2	34,600	5,389	2,578	5,885	13,852	1,597	2,561	5,986	10,144	9,775
493	2	31,839	5,981	2,691	1,934	10,606	873	517	2,063	3,453	8,994
494	2	33,752	4,609	3,015	4,321	11,945	7,957	896	3,300	12,152	9,535
495	2	37,589	6,638	3,284	4,707	14,629	7,436	671	2,472	10,579	10,619
496	2	1,22,194	15,335	10,982	15,737	42,054	12,599	1,426	5,252	19,277	34,520
497	2	154	304	-	-	304	255	-	-	255	44
498	2	21,786	7,191	618	2,211	10,021	5,230	452	1,126	6,808	6,154
499	2	38,043	10,529	1,109	3,968	15,605	6,965	757	1,883	9,605	10,747
500	2	11,623	16,487	256	882	17,625	19,616	-	1,479	21,095	3,284
501	2	22,300	21,575	1,066	2,348	24,989	34,892	5,370	5,728	45,990	6,300
502	2	19,974	10,841	1,346	2,957	15,144	13,176	1,348	2,136	16,660	5,643
503	2	22,947	5,307	1,471	4,251	11,028	2,179	312	1,162	3,654	6,482
504	2	29,804	6,298	1,932	5,586	13,815	2,531	584	2,173	5,288	8,420
505	2	35,600	8,484	2,562	3,985	15,032	3,572	816	2,001	6,389	10,057
506	2	37,829	10,545	2,310	4,272	17,127	14,026	2,550	5,066	21,643	10,687
507	2	69,386	17,809	4,007	9,595	31,411	24,564	3,802	8,493	36,860	19,601
508	2	42,750	12,580	2,515	7,261	22,355	15,241	5,036	7,606	27,883	12,077
509	2	31,278	8,940	874	4,531	14,346	7,501	3,141	5,241	15,883	8,836
510	2	9,805	1,919	646	1,573	4,138	1,911	842	1,517	4,269	2,770
511	2	36,146	6,551	2,841	5,543	14,935	7,692	2,773	5,474	15,938	10,211
512	2	24,985	5,064	1,337	5,883	12,284	12,030	1,044	1,947	15,022	7,058
513	2	16,727	3,082	904	3,980	7,966	7,816	730	1,362	9,908	4,725
514	2	12,763	3,279	1,281	312	4,871	2,031	1,161	3,045	6,236	3,606
515	2	3,731	2,057	126	400	2,583	2,015	604	1,503	4,122	1,054
516	2	9,550	2,856	469	779	4,104	2,322	1,301	705	4,328	2,698
517	2	4,163	846	229	627	1,701	425	321	820	1,566	1,176
518	2	10,812	2,852	369	2,825	6,047	7,012	1,103	5,096	13,212	3,054
519	2	31,717	21,676	482	2,330	24,488	24,588	4,916	6,934	36,438	8,960
520	2	10,352	5,248	331	526	6,105	5,127	1,000	2,253	8,380	2,924
521	2	13,305	5,439	483	1,381	7,304	4,055	1,022	3,267	8,344	3,759
522	2	33,927	11,200	1,181	2,274	14,655	8,935	505	1,764	11,204	9,584
523	2	42,549	15,942	1,441	2,774	20,157	14,255	570	1,992	16,816	12,020
524	2	27,540	8,642	968	1,864	11,475	6,388	387	1,354	8,130	7,780
525	2	27,967	9,186	974	1,875	12,035	7,984	453	1,584	10,021	7,901
526	2	9,614	1,497	1,182	1,019	3,699	1,479	167	1,147	2,792	2,716
527	2	10,851	2,239	785	1,300	4,323	1,165	329	1,597	3,091	3,065
528	2	26,959	9,248	333	4,149	13,730	11,446	179	1,699	13,324	7,616
529	2	50,986	16,277	640	7,963	24,880	15,502	255	2,418	18,176	14,404
530	2	19,563	13,303	451	1,523	15,277	16,505	269	1,163	17,937	5,527
531	2	10,009	2,211	350	1,930	4,492	1,380	132	1,277	2,789	2,828
532	2	11,103	3,822	338	1,571	5,731	4,258	295	764	5,317	3,137
533	2	21,242	4,449	895	4,009	9,353	2,485	141	3,114	5,741	6,001
534	2	11,287	2,814	466	1,457	4,738	1,034	200	1,649	2,883	3,189
535	2	3,856	1,018	158	494	1,669	342	52	490	884	1,089
536	2	39,654	13,792	1,900	5,901	21,593	20,798	324	1,127	22,249	11,202
537	2	6,142	1,698	244	906	2,848	810	191	778	1,779	1,735
538	2	47,881	14,158	1,901	5,686	21,745	14,033	242	1,383	15,659	13,526
539	2	47,824	14,244	1,903	5,692	21,839	14,953	258	1,471	16,681	13,510
540	2	58,987	17,245	2,356	7,044	26,645	14,612	243	1,387	16,243	16,664
541	2	40,985	12,715	1,619	4,842	19,176	13,238	205	1,171	14,614	11,578
542	2	23,885	35,218	520	1,152	36,890	35,492	231	769	36,493	6,748
543	2	35,360	8,389	2,361	6,208	16,959	12,644	2,142	7,508	22,294	9,989
544	2	6,522	4,171	235	986	5,392	6,736	141	626	7,504	1,843
545	2	16,605	1,838	1,407	3,549	6,794	2,922	723	2,547	6,193	4,691
546	2	6,512	3,463	70	387	3,920	3,602	64	486	4,153	1,840
547	2	7,600	3,582	435	1,084	5,101	4,009	355	1,149	5,513	2,147
548	2	4,777	2,837	253	825	3,914	3,762	257	1,106	5,125	1,349
549	2	16,447	6,369	728	3,026	10,124	7,416	447	2,601	10,464	4,646
550	2	46,548	9,730	2,901	7,075	19,705	5,182	1,044	4,021	10,247	13,150
551	2	49,450	11,780	3,773	6,607	22,161	8,846	1,837	6,206	16,889	13,970
552	2	8,679	2,727	1,068	677	4,473	4,694	204	706	5,604	2,452
553	2	39,555	6,448	3,503	6,941	16,892	3,060	1,253	4,367	8,680	11,174
554	2	87,772	20,121	6,281	10,049	36,451	13,677	2,231	3,832	19,740	24,796
555	2	18,793	2,705	1,107	4,477	8,288	1,383	955	2,293	4,631	5,309
556	2	38,570	9,093	2,215	6,667	17,976	11,779	1,914	2,364	16,057	10,896
557	2	14,081	6,302	1,445	1,797	9,543	7,552	1,636	2,059	11,247	3,978
558	2	18,996	11,154	770	1,603	13,527	12,505	1,229	2,281	16,015	5,366
559	2	24,548	7,963	869	5,052	13,884	9,876	1,605	2,834	14,315	6,935
560	2	70,658	28,261	3,643	9,494	41,398	39,015	1,663	6,456	47,133	19,961
561	2	21,742	4,785	955	3,149	8,889	6,183	656	1,511	8,350	6,142
562	2	51,161	11,453	5,046	4,871	21,370	12,142	3,738	6,410	22,290	14,453
563	2	10,783	4,178	148	471	4,797	1,663	1,490	1,269	4,422	3,046
564	2	37,582	6,484	2,950	5,731	15,166	7,230	1,847	2,962	12,039	10,617
565	2	48,337	8,387	3,793	7,367	19,547	9,496	2,286	3,666	15,448	13,655
566	2	1,570	2,217	69	68	2,353	2,704	226	1,171	4,102	444
567	2	13,222	5,869	575	1,616	8,061	4,351	2,305	1,482	8,139	3,735
568	2	52,251	16,716	1,566	4,287	22,570	9,153	2,751	7,266	19,170	14,761
569	2	9,001	1,994	738	757	3,489	1,375	205	1,211	2,790	2,543
570	2	9,819	1,944	765	1,110	3,818	609	687	1,615	2,911	2,774
571	2	18,329	4,671	772	2,046	7,490	3,800	573	1,219	5,592	5,178
572	2	8,767	1,285	750	1,265	3,299	644	894	796	2,333	2,477
573	2	11,680	2,328	869	1,460	4,657	3,061	254	1,102	4,417	3,299
574	2	14,998	2,657	1,004	2,444	6,105	1,872	652	1,762	4,286	4,237
575	2	11,975	2,321	894	1,502	4,717	3,180	332	789	4,301	3,383
576	2	81,285	22,904	3,008	8,600	34,513	18,764	3,019	4,308	26,091	22,963
577	2	47,012	14,917	1,422	5,499	21,837	8,917	1,200	4,036	14,152	13,281
578	2	7,102	3,697	263	1,140	5,100	4,701	217	656	5,575	2,006
579	2	5,527	458	637	1,028	2,124	444	298	589	1,331	1,562
580	2	31,585	10,086	4,501	-	14,587	9,841	638	1,738	12,217	8,923
581	2	77,111	20,602	4,954	14,304	39,860	19,736	1,850	6,088	27,675	21,784
582	2	53,741	15,347	3,619	9,522	28,488	14,365	3,768	4,882	23,015	15,182
583	2	15,754	3,240	1,111	2,924	7,275	3,927	1,175	1,522	6,623	4,450
584	2	14,569	2,349	1,054	2,773	6,176	2,044	832	1,078	3,954	4,116
585	2	11,807	1,971	852	2,240	5,063	1,653	658	852	3,162	3,336
586	2	21,807	3,653	1,572	4,136	9,361	3,756	1,348	1,746	6,850	6,160
587	2	30,530	5,996	2,043	5,900	13,939	3,623	1,037	5,048	9,708	8,625
588	2	9,789	3,961	307	807	5,075	1,409	359	1,831	3,599	2,766
589	2	8,112	477	604	2,367	3,448	405	254	1,337	1,995	2,292
590	2	3,773	700	351	567	1,617	546	230	1,456	2,232	1,066
591	2	5,706	928	674	398	2,000	282	124	384	790	1,612
592	3	3,083	532	598	166	1,296	339	1,145	2,056	3,540	871

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
593	3	29,991	2,930	3,918	6,937	13,785	7,968	4,982	6,933	19,883	8,473
594	3	0	0	0	0	0	0	-	-	0	0
595	3	14,958	5,314	3,788	3,729	12,831	11,682	3,555	3,880	19,117	4,226
596	3	3,829	597	461	1,649	2,706	654	471	721	1,847	1,082
597	3	7,801	1,498	1,555	1,516	4,569	1,580	1,190	2,268	5,038	2,204
598	3	6,574	1,455	1,434	1,285	4,175	1,366	1,124	1,986	4,476	1,857
599	3	7,283	1,132	1,075	1,109	3,316	1,354	1,305	2,747	5,406	2,058
600	3	36,777	10,490	3,375	3,251	17,117	4,551	5,536	10,861	20,949	10,390
601	3	25,809	2,793	3,819	7,261	13,872	11,226	4,135	5,279	20,639	7,291
602	3	47,404	5,730	8,151	8,133	22,015	6,876	8,318	9,024	24,218	13,392
603	3	52,657	15,025	9,913	8,846	33,784	11,479	3,475	4,278	19,232	14,876
604	3	14,951	4,061	3,709	1,988	9,758	4,410	3,938	2,457	10,806	4,224
605	3	10,235	2,153	467	1,668	4,288	374	576	1,328	2,278	2,891
606	3	34,588	9,981	5,659	4,248	19,889	7,263	4,473	2,334	14,070	9,771
607	3	61,890	7,989	8,448	14,414	30,850	6,291	7,942	7,479	21,713	17,484
608	3	58,500	4,843	8,371	12,088	25,302	2,301	3,478	6,109	11,888	16,526
609	3	39,278	7,548	6,644	6,529	20,721	7,788	8,844	4,802	21,435	11,096
610	3	22,278	6,683	1,529	3,682	11,893	3,870	3,556	1,784	9,209	6,294
611	3	16,587	2,557	1,530	3,884	7,971	1,557	1,364	1,627	4,547	4,686
612	3	25,156	7,721	4,663	4,915	17,300	6,090	5,507	4,039	15,636	7,106
613	3	8,831	825	1,299	2,077	4,201	592	874	1,472	2,938	2,495
614	3	37,788	8,113	7,629	4,222	19,964	5,250	6,100	4,686	16,036	10,675
615	3	2,328	1,108	899	509	2,516	6,718	1,971	2,893	11,581	658
616	3	3,558	1,964	1,545	783	4,293	6,769	1,763	2,375	10,907	1,005
617	3	17,584	2,649	3,186	3,736	9,571	4,740	1,263	1,637	7,641	4,967
618	3	12,580	3,536	3,314	2,705	9,554	10,799	3,196	4,070	18,065	3,554
619	3	1,02,167	12,845	15,385	12,964	41,193	904	2,180	3,632	6,716	28,862
620	3	15,304	2,431	1,813	1,895	6,139	386	1,107	1,416	2,909	4,323
621	3	12,671	2,103	2,015	2,208	6,326	1,469	1,647	2,349	5,465	3,580
622	3	12,176	2,832	948	2,228	6,007	1,563	728	1,586	3,878	3,440
623	3	29,678	10,315	3,711	3,013	17,039	7,611	2,466	3,784	13,861	8,384
624	3	13,462	4,786	2,628	2,580	9,995	3,705	839	1,969	6,513	3,803
625	3	29,634	9,265	2,099	3,277	14,642	3,743	3,220	1,659	8,622	8,372
626	3	33,232	4,758	3,174	8,118	16,051	3,994	949	4,041	8,984	9,388
627	3	14,792	2,945	1,177	2,959	7,081	2,391	1,318	3,585	7,294	4,179
628	3	9,379	2,471	265	1,608	4,344	1,278	472	1,669	3,418	2,650
629	3	23,236	3,365	2,528	5,817	11,710	2,674	1,749	7,309	11,733	6,564
630	3	31,877	4,219	1,975	8,161	14,355	6,499	2,344	7,395	16,238	9,005
631	3	28,794	5,294	4,850	6,050	16,195	7,457	7,400	9,366	24,223	8,134
632	3	33,017	5,571	1,745	8,478	15,794	7,534	3,625	8,660	19,819	9,327
633	3	16,360	3,281	3,066	2,537	8,885	4,169	3,225	5,354	12,748	4,622
634	3	18,465	3,720	1,885	4,285	9,890	3,050	2,125	4,774	9,949	5,216
635	3	17,340	2,832	1,415	3,611	7,858	2,050	2,617	2,334	7,001	4,898
636	3	28,300	5,360	3,069	3,232	11,660	1,674	1,532	7,467	10,674	7,995
637	3	12,158	1,803	2,736	2,771	7,310	2,751	2,353	4,329	9,434	3,435
638	3	17,676	5,968	633	784	7,385	2,293	1,119	4,440	7,852	4,993
639	3	31,899	1,751	4,533	8,452	14,736	1,332	1,226	5,142	7,700	9,011
640	2	54,958	12,500	3,646	9,924	26,070	9,576	159	1,221	10,955	15,526
1001	11	19,795	3,746	4,569	1,620	9,936	2,207	801	1,256	4,264	5,592
1002	11	14,776	2,861	4,031	1,569	8,462	2,064	640	1,463	4,167	4,174
1003	11	7,716	789	1,900	915	3,604	585	133	642	1,360	2,180
1004	11	42,479	13,390	7,651	2,418	23,459	5,697	1,922	2,543	10,162	12,000
1005	11	3,324	1,280	189	181	1,650	123	122	271	517	939
1006	11	12,408	2,993	2,166	1,370	6,529	1,127	374	962	2,464	3,505
1007	11	7,249	1,409	951	782	3,142	442	362	1,326	2,130	2,048
1008	11	16,698	3,182	2,086	1,887	7,156	851	685	2,769	4,304	4,717
1009	11	3,723	658	431	390	1,479	208	180	726	1,113	1,052
1010	11	4,515	890	601	494	1,985	209	168	675	1,053	1,275
1011	11	33,324	8,209	6,459	3,351	18,019	3,213	944	1,917	6,075	9,414
1012	11	24,613	6,010	4,752	2,380	13,142	2,674	1,048	1,799	5,521	6,953
1013	11	4,698	804	600	474	1,878	449	363	411	1,223	1,327
1014	11	5,886	1,160	893	586	2,639	605	333	422	1,360	1,663
1015	11	7,061	1,624	1,307	610	3,540	974	337	450	1,761	1,995
1016	11	8,955	1,850	1,368	1,416	4,634	3,719	4,440	4,655	12,814	2,530
1017	11	17,148	3,173	2,359	2,366	7,899	1,908	1,167	1,599	4,674	4,844
1018	11	5,956	847	537	1,097	2,482	642	856	1,020	2,518	1,683
1019	11	4,103	589	365	809	1,763	250	335	448	1,033	1,159
1020	11	9,862	1,350	856	1,753	3,958	948	1,267	1,537	3,752	2,786
1021	11	8,818	1,131	1,289	1,146	3,566	495	260	985	1,740	2,491
1022	11	48,370	10,118	3,925	5,751	19,794	1,095	2,547	3,945	7,586	13,665
1023	11	19,647	4,232	1,657	2,394	8,282	641	1,546	2,116	4,303	5,550
1024	11	25,298	3,961	3,043	3,605	10,609	2,262	2,200	3,997	8,459	7,147
1025	11	88	28	24	6	59	6	5	3	14	25
1026	11	30,329	4,969	3,809	4,604	13,382	946	858	2,101	3,905	8,568
1027	11	47,814	11,171	12,763	2,900	26,834	7,041	2,042	2,666	11,748	13,508

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1028	11	42,397	8,221	12,234	2,653	23,108	4,479	3,131	2,608	10,219	11,977
1029	11	18,624	5,674	3,652	940	10,266	1,739	1,516	1,533	4,788	5,261
1030	11	12,201	3,919	1,572	462	5,954	893	337	925	2,155	3,447
1031	11	26,918	8,517	3,972	1,114	13,603	2,228	1,425	2,072	5,725	7,604
1032	11	38,773	11,901	6,712	1,784	20,397	3,195	2,355	2,644	8,193	10,953
1033	11	12,156	3,222	2,693	756	6,671	1,016	685	576	2,277	3,434
1034	11	30,785	7,178	5,838	1,994	15,010	3,122	796	2,983	6,900	8,697
1035	11	10,905	2,707	2,223	712	5,642	2,104	519	1,855	4,478	3,081
1036	11	20,993	5,346	4,438	1,312	11,096	1,628	1,063	1,259	3,949	5,931
1037	11	9,115	1,976	1,576	610	4,163	225	72	485	782	2,575
1038	11	5,709	1,332	1,084	369	2,785	380	154	391	925	1,613
1039	11	6,854	1,834	1,537	423	3,794	681	431	467	1,578	1,936
1040	11	9,625	1,386	1,456	1,423	4,265	270	132	505	908	2,719
1041	11	4,991	725	759	734	2,217	142	71	262	476	1,410
1042	11	13,727	2,079	2,191	2,164	6,434	421	231	776	1,429	3,878
1043	11	16,349	2,636	2,621	2,101	7,357	999	396	1,027	2,422	4,619
1044	11	19,548	3,261	3,211	2,470	8,942	1,225	476	1,210	2,911	5,522
1045	11	37,659	7,844	7,219	3,873	18,935	4,020	1,666	2,778	8,464	10,639
1046	11	10,452	1,659	1,687	1,474	4,819	321	174	521	1,017	2,953
1047	11	14,698	3,450	3,099	1,391	7,941	1,236	815	710	2,760	4,152
1048	11	24,407	4,512	4,245	2,606	11,364	1,704	1,176	1,589	4,469	6,895
1049	11	14,268	2,510	2,479	1,931	6,920	977	518	1,133	2,628	4,031
1050	11	5,659	959	576	1,019	2,554	554	144	657	1,354	1,599
1051	11	10,589	1,829	1,143	1,789	4,761	796	208	927	1,931	2,991
1052	11	3,736	687	417	715	1,819	217	55	284	556	1,056
1053	11	3,706	644	382	702	1,728	273	70	347	690	1,047
1054	11	6,467	1,088	655	1,153	2,896	505	127	626	1,258	1,827
1055	11	13,777	2,262	1,390	2,296	5,947	996	239	1,165	2,400	3,892
1056	11	13,857	2,537	1,672	2,184	6,393	1,458	364	1,486	3,308	3,915
1057	11	17,386	3,358	2,268	2,707	8,332	1,994	462	1,759	4,214	4,912
1058	11	10,876	1,768	1,062	1,878	4,708	597	154	821	1,571	3,073
1059	11	4,583	1,319	205	294	1,818	149	111	699	959	1,295
1060	11	10,491	3,452	708	765	4,925	969	763	4,191	5,924	2,964
1061	11	11,909	4,074	661	907	5,642	362	260	1,636	2,258	3,364
1062	11	5,545	1,598	265	356	2,219	248	187	1,125	1,559	1,567
1063	11	12,864	3,669	1,553	794	6,016	1,359	393	1,778	3,530	3,634
1064	11	17,180	4,257	681	948	5,887	464	343	2,225	3,032	4,853
1065	11	15,575	3,934	1,016	867	5,817	916	416	2,345	3,677	4,400
1066	11	14,312	4,045	838	896	5,779	624	338	1,981	2,943	4,043
1067	11	12,059	3,148	520	701	4,368	349	221	1,446	2,016	3,407
1068	11	15,982	4,349	651	969	5,969	310	207	1,520	2,037	4,515
1069	11	10,606	3,069	1,249	665	4,984	1,069	316	1,471	2,856	2,996
1070	11	6,510	1,887	861	407	3,155	671	206	837	1,715	1,839
1071	11	17,074	4,813	1,135	1,063	7,011	704	190	1,264	2,158	4,823
1072	11	9,642	2,726	516	605	3,847	367	271	1,609	2,247	2,724
1073	11	40,512	10,413	8,565	3,552	22,530	7,628	1,198	2,293	11,119	11,445
1074	11	6,376	946	626	1,063	2,634	827	133	503	1,463	1,801
1075	11	2,573	378	249	433	1,060	340	49	204	593	727
1076	11	25,152	6,048	4,774	2,620	13,442	3,656	1,403	1,936	6,995	7,106
1077	11	13,792	2,797	2,553	1,405	6,755	1,489	718	771	2,978	3,896
1078	11	8,357	1,248	1,373	1,732	4,354	835	235	696	1,765	2,361
1079	11	937	303	257	62	622	57	56	36	149	265
1080	11	15,356	2,169	2,429	3,208	7,806	1,792	514	1,596	3,902	4,338
1081	11	9,626	2,852	2,140	557	5,549	802	226	1,912	2,940	2,719
1082	11	20,035	3,592	1,875	2,383	7,850	1,025	720	3,364	5,109	5,660
1083	11	7,997	1,609	1,152	761	3,522	601	539	861	2,002	2,259
1084	11	5,090	990	682	520	2,192	287	331	540	1,158	1,438
1085	11	2,077	480	370	176	1,026	248	116	187	550	587
1086	11	14,389	3,096	1,486	1,960	6,542	840	1,178	1,691	3,708	4,065
1087	11	10,714	1,885	1,245	1,601	4,731	685	701	850	2,235	3,027
1088	11	12,769	1,801	911	2,472	5,184	166	1,198	1,311	2,675	3,607
1089	11	4,637	912	639	648	2,199	398	236	312	946	1,310
1090	11	21,050	3,031	1,620	3,865	8,515	2,894	3,884	3,821	10,598	5,947
1091	11	14,798	3,325	974	2,706	7,005	916	438	1,127	2,481	4,181
1092	11	15,484	3,485	1,043	2,812	7,339	995	455	1,176	2,626	4,374
1093	11	14,022	2,966	588	2,720	6,274	737	425	1,171	2,332	3,961
1094	11	13,317	2,934	993	2,241	6,169	1,002	445	1,086	2,533	3,762
1095	11	2,726	601	262	396	1,259	365	116	282	763	770
1096	11	11,546	2,549	881	1,928	5,357	828	409	934	2,171	3,262
1097	11	7,998	1,916	1,093	979	3,989	1,213	320	712	2,245	2,259
1098	11	15,745	3,286	642	3,023	6,951	2,541	1,676	3,626	7,843	4,448
1099	11	12,656	2,641	814	2,105	5,559	2,054	1,122	2,420	5,595	3,575
1100	11	14,168	2,913	555	2,695	6,163	784	475	1,256	2,515	4,002
1101	11	18,825	4,440	1,867	2,995	9,302	1,211	859	1,371	3,441	5,318
1102	11	6,743	1,266	164	1,256	2,686	1,432	971	2,052	4,455	1,905

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1103	11	19,705	4,032	617	3,896	8,544	937	542	1,583	3,062	5,567
1104	11	11,514	2,368	454	2,189	5,011	638	386	1,021	2,046	3,253
1105	11	11,173	2,322	494	2,092	4,908	621	373	978	1,973	3,156
1106	11	12,484	2,753	942	2,092	5,787	980	419	1,018	2,417	3,527
1107	11	3,166	724	551	269	1,543	394	83	267	744	894
1108	11	3,488	622	403	361	1,387	190	81	366	637	985
1109	11	7,232	1,570	1,159	650	3,379	971	267	927	2,164	2,043
1110	11	12,297	2,134	1,375	1,255	4,764	775	341	1,506	2,622	3,474
1111	11	6,908	1,189	782	672	2,643	755	340	1,338	2,434	1,952
1112	11	1,600	300	194	175	669	115	50	215	380	452
1113	11	4,201	902	661	381	1,944	556	156	550	1,262	1,187
1114	11	4,445	1,025	784	373	2,183	573	116	369	1,059	1,256
1251	7	282	49	21	49	118	15	21	13	49	80
1252	7	4,011	725	525	553	1,803	223	515	157	896	1,133
1253	7	4,801	616	1,243	229	2,088	312	465	250	1,027	1,356
1254	7	2,937	303	758	134	1,195	193	100	179	471	830
1255	7	5,275	921	1,113	421	2,455	207	385	286	878	1,490
1256	7	3,368	1,012	640	68	1,721	343	229	362	934	951
1257	7	6,874	566	954	1,463	2,983	310	827	218	1,355	1,942
1258	7	6,111	910	860	1,007	2,777	483	570	189	1,242	1,726
1259	7	7,273	1,171	1,089	1,062	3,321	366	634	358	1,358	2,055
1260	7	3,089	434	458	479	1,372	239	198	83	520	873
1261	7	1,416	185	137	291	613	47	96	72	215	400
1262	7	2,258	355	344	347	1,046	146	196	74	416	638
1263	7	1,368	202	175	241	618	93	145	50	288	386
1264	7	2,637	426	431	379	1,236	196	354	89	639	745
1265	7	2,421	412	448	302	1,161	136	249	72	457	684
1266	7	1,949	370	463	150	983	93	58	42	194	551
1267	7	4,846	452	223	1,360	2,036	458	106	191	756	1,369
1268	7	57	11	15	3	29	6	14	2	22	16
1269	7	5,165	496	691	1,065	2,252	418	301	201	920	1,459
1270	7	7,527	525	763	1,843	3,131	617	267	323	1,207	2,127
1271	7	3,768	450	265	867	1,582	375	44	172	592	1,065
1272	7	5,150	397	332	1,398	2,128	161	167	436	763	1,455
1273	7	7,634	957	647	1,654	3,258	375	514	448	1,338	2,157
1274	7	4,796	1,006	417	730	2,154	200	377	294	870	1,355
1275	7	2,663	559	216	414	1,189	114	190	166	470	752
1276	7	1,004	211	87	153	450	43	41	60	144	284
1277	7	6,541	1,346	678	944	2,968	263	487	423	1,173	1,848
1278	7	4,172	574	474	795	1,843	123	263	264	650	1,179
1279	7	2,210	674	252	82	1,008	199	43	93	336	624
1280	7	9,345	2,426	1,384	697	4,506	374	614	237	1,224	2,640
1281	7	7,161	1,849	935	534	3,318	410	558	226	1,194	2,023
1282	7	2,592	767	197	226	1,189	180	139	96	415	732
1283	7	1,345	403	92	119	614	95	74	51	220	380
1284	7	28,484	4,866	6,186	2,375	13,426	2,161	2,333	1,112	5,605	8,047
1285	7	43,883	8,907	9,018	3,538	21,463	3,926	5,104	1,447	10,477	12,397
1286	7	15,009	3,086	2,380	1,544	7,011	1,164	1,162	599	2,926	4,240
1287	7	60,152	10,179	7,764	8,211	26,153	2,627	3,148	3,559	9,334	16,993
1288	7	60,906	12,845	9,817	5,836	28,499	4,052	4,603	3,128	11,783	17,206
1289	7	1,20,097	24,225	28,007	7,801	60,033	8,364	3,603	3,257	15,225	33,927
1290	7	46,201	9,211	11,271	2,756	23,238	2,639	587	1,032	4,258	13,052
1291	7	17,113	3,200	2,701	1,895	7,797	1,171	660	851	2,682	4,834
1292	7	8,596	2,083	1,575	118	3,776	264	261	706	1,230	2,428
1293	7	5,549	1,341	1,023	80	2,444	177	192	451	820	1,567
1294	7	7,776	1,872	1,463	125	3,459	245	329	616	1,190	2,197
1295	7	4,165	1,021	742	47	1,810	120	125	359	605	1,177
1296	7	10,906	2,676	1,932	117	4,726	316	315	947	1,578	3,081
1297	7	10,050	1,813	1,390	1,174	4,377	325	454	688	1,467	2,839
1298	7	11,422	2,070	1,645	1,300	5,016	360	581	756	1,698	3,227
1299	7	18,331	3,272	2,331	2,242	7,846	565	866	1,336	2,767	5,178
1300	7	806	125	152	42	320	37	120	21	178	228
1301	7	5,423	976	742	636	2,354	324	255	247	826	1,532
1302	7	3,015	563	526	299	1,387	178	247	118	543	852
1303	7	4,767	893	862	455	2,209	245	286	174	705	1,347
1304	7	10,296	2,286	829	1,336	4,451	559	277	740	1,576	2,909
1305	7	8,965	1,997	666	1,186	3,850	486	225	660	1,370	2,533
1306	7	15,820	3,010	1,578	2,194	6,782	1,114	773	720	2,607	4,469
1307	7	11,740	2,236	1,175	1,628	5,038	824	578	534	1,936	3,317
1308	7	10,711	2,049	1,196	1,422	4,667	725	564	468	1,757	3,026
1309	7	21,385	4,069	2,112	2,978	9,159	1,502	1,033	977	3,512	6,041
1310	7	10,686	2,031	1,012	1,511	4,554	760	514	495	1,769	3,019
1311	7	8,076	1,544	906	1,068	3,518	545	415	352	1,311	2,282
1312	7	9,054	1,722	884	1,266	3,871	640	422	415	1,477	2,558
1313	7	27,418	5,213	2,633	3,858	11,704	1,942	1,323	1,265	4,529	7,745

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1314	7	8,342	1,585	778	1,186	3,549	595	402	389	1,386	2,357
1315	7	14,588	2,784	1,510	2,000	6,294	1,013	757	658	2,427	4,121
1316	7	5,742	1,106	1,183	348	2,637	369	364	274	1,007	1,622
1317	7	5,855	1,128	1,178	360	2,666	300	400	295	996	1,654
1318	7	9,894	1,913	2,089	594	4,596	679	714	453	1,846	2,795
1319	7	9,905	1,930	2,209	580	4,719	794	894	404	2,092	2,798
1320	7	16,428	3,102	2,861	1,060	7,023	755	769	1,034	2,558	4,641
1321	7	23,535	4,429	3,991	1,530	9,950	1,087	1,088	1,534	3,709	6,649
1322	7	18,325	3,462	3,179	1,185	7,827	845	896	1,163	2,904	5,177
1323	7	8,593	1,642	1,627	540	3,809	391	420	477	1,288	2,427
1324	7	56,260	13,975	5,031	5,434	24,441	2,128	2,019	4,479	8,627	15,893
1325	7	50,985	6,421	7,163	7,772	21,357	2,303	1,687	3,703	7,693	14,403
1326	7	63,928	12,920	14,926	3,644	31,489	4,334	2,689	2,217	9,240	18,060
1327	7	14,490	3,004	3,049	879	6,933	1,050	1,220	742	3,012	4,093
1328	7	6,278	1,288	1,377	372	3,037	509	552	288	1,350	1,774
1329	7	30,616	8,728	2,492	2,448	13,668	1,533	992	2,060	4,585	8,649
1330	7	2,571	693	255	198	1,146	143	128	135	406	726
1331	7	9,602	2,232	1,785	622	4,639	911	847	359	2,117	2,713
1332	7	12,680	3,063	2,087	859	6,009	1,093	931	519	2,543	3,582
1333	7	8,362	2,190	978	623	3,791	525	447	412	1,384	2,362
1334	7	1,767	414	195	177	785	87	119	90	295	499
1335	7	4,977	1,054	1,027	351	2,432	528	479	168	1,174	1,406
1336	7	3,013	717	269	319	1,305	153	200	165	518	851
1337	7	9,196	2,137	1,047	906	4,090	493	666	461	1,620	2,598
1338	7	6,481	1,062	1,198	696	2,956	424	498	306	1,228	1,831
1339	7	5,054	759	790	640	2,188	230	281	281	792	1,428
1340	7	2,686	415	445	321	1,182	123	130	139	392	759
1341	7	6,248	926	953	804	2,683	285	324	354	962	1,765
1342	7	2,195	426	545	141	1,112	253	267	63	582	620
1343	7	6,371	951	982	817	2,749	289	370	360	1,018	1,800
1344	7	20,936	4,141	4,708	1,472	10,321	2,000	2,826	617	5,442	5,914
1345	7	17,941	3,570	2,049	2,263	7,882	520	2,065	836	3,420	5,068
1346	7	12,119	2,412	1,341	1,551	5,304	227	1,658	578	2,463	3,424
1347	7	15,574	3,099	1,742	1,983	6,824	1,020	1,379	898	3,296	4,400
1348	7	2,451	489	251	324	1,064	160	179	146	485	692
1349	7	9,087	1,808	1,078	1,126	4,012	241	831	565	1,638	2,567
1350	7	11,956	2,216	1,514	1,429	5,159	537	975	633	2,145	3,378
1351	7	3,714	694	512	425	1,630	190	334	188	712	1,049
1352	7	7,301	1,452	727	973	3,153	151	283	696	1,130	2,062
1353	7	5,479	1,091	640	685	2,417	234	328	407	968	1,548
1354	7	5,756	1,146	617	747	2,509	232	261	375	868	1,626
1355	7	12,809	2,551	1,340	1,679	5,570	551	773	852	2,175	3,619
1356	7	8,901	1,771	903	1,179	3,853	381	514	599	1,494	2,514
1357	7	5,763	1,148	562	776	2,485	113	91	584	788	1,628
1358	7	6,175	1,303	1,416	190	2,909	441	427	296	1,164	1,745
1359	7	46,353	10,001	6,580	3,383	19,964	1,920	1,277	3,859	7,056	13,095
1360	7	9,558	1,905	1,389	1,062	4,356	419	465	643	1,527	2,700
1361	7	18,352	3,932	2,676	1,469	8,076	737	954	1,186	2,877	5,185
1362	7	8,059	1,724	1,210	638	3,572	327	449	509	1,285	2,277
1363	7	15,670	3,349	2,274	1,252	6,875	631	791	984	2,406	4,427
1364	7	49,745	10,697	6,624	4,104	21,425	2,065	2,628	3,485	8,178	14,053
1365	7	5,710	1,209	1,226	366	2,801	544	631	203	1,378	1,613
1366	7	6,966	1,620	951	568	3,140	419	359	379	1,157	1,968
1367	7	10,566	2,358	1,817	779	4,953	796	799	483	2,079	2,985
1368	7	3,178	632	319	423	1,374	103	114	249	466	898
1369	7	12,443	2,704	1,229	1,550	5,483	744	312	797	1,854	3,515
1370	7	3,627	747	309	550	1,606	146	72	287	506	1,025
1371	7	10,633	2,367	725	1,520	4,613	443	156	934	1,532	3,004
1372	7	9,067	1,985	917	1,160	4,061	484	333	613	1,430	2,561
1373	7	8,750	1,932	748	1,183	3,863	243	718	726	1,687	2,472
1374	7	2,523	597	370	156	1,123	131	216	180	527	713
1375	7	4,446	962	554	521	2,037	206	384	332	922	1,256
1376	7	3,995	941	640	202	1,782	231	104	268	603	1,129
1377	7	4,334	894	880	349	2,124	366	427	216	1,009	1,224
1378	7	7,486	1,610	1,495	264	3,369	303	374	551	1,228	2,115
1379	7	8,079	1,719	1,031	917	3,666	376	469	533	1,379	2,282
1380	7	1,540	311	255	155	722	97	77	52	226	435
1381	7	4,097	824	917	298	2,039	372	454	115	941	1,157
1382	7	3,563	722	643	337	1,702	234	285	117	636	1,006
1383	7	28,115	5,572	6,594	1,834	14,000	3,004	3,566	762	7,332	7,942
1384	7	1,568	5,448	6,856	1,610	13,914	3,128	84	175	3,388	443
1385	7	18,330	3,559	4,410	1,085	9,054	1,978	2,031	455	4,463	5,178
1386	7	8,543	1,410	982	1,341	3,734	364	1,425	482	2,270	2,413
1387	7	21,487	3,390	2,029	3,594	9,013	1,433	2,489	1,759	5,681	6,070
1388	7	12,481	2,115	1,546	1,930	5,592	787	2,197	952	3,935	3,526

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1389	7	6,083	946	706	847	2,498	362	1,029	428	1,819	1,718
1390	7	6,839	1,084	576	1,229	2,889	470	728	599	1,797	1,932
1391	7	26,903	5,192	6,251	2,012	13,454	2,752	3,926	828	7,506	7,600
1392	7	1,785	302	245	249	796	80	95	84	259	504
1393	7	4,190	718	609	563	1,890	177	554	200	931	1,184
1394	7	6,429	1,105	937	864	2,906	349	562	300	1,211	1,816
1395	7	14,883	2,609	2,382	1,854	6,844	1,019	1,313	654	2,987	4,204
1396	7	2,383	406	327	337	1,070	103	153	114	370	673
1397	7	20,178	3,913	4,784	1,435	10,132	2,278	2,329	583	5,190	5,700
1398	7	5,350	895	684	784	2,363	233	331	264	828	1,511
1399	7	3,235	544	424	467	1,435	145	188	157	491	914
1400	7	11,172	2,153	2,595	831	5,579	1,226	1,250	332	2,808	3,156
1401	7	8,854	1,391	760	1,554	3,705	377	593	524	1,494	2,501
1402	7	6,091	1,038	860	836	2,734	311	614	292	1,218	1,721
1403	7	411	14	19	4	37	14	133	11	158	116
1404	7	29,915	5,041	4,030	4,218	13,288	1,496	3,946	1,507	6,949	8,451
1405	7	1	0	0	0	1	0	0	0	0	0
1406	7	11,849	1,935	1,296	1,897	5,128	490	1,140	651	2,281	3,347
1407	7	10,366	1,827	1,935	1,002	4,764	723	1,916	496	3,135	2,928
1408	7	13,892	2,660	3,160	1,079	6,899	1,406	1,913	437	3,755	3,925
1409	7	6,863	1,282	1,432	621	3,335	562	1,263	251	2,076	1,939
1410	7	11,334	1,886	1,413	1,683	4,982	479	1,472	594	2,545	3,202
1411	7	2,765	483	420	367	1,270	118	214	125	457	781
1412	7	4,640	727	391	820	1,938	196	307	276	778	1,311
1413	7	3,839	457	375	372	1,203	162	739	165	1,066	1,085
1414	7	3,560	671	767	306	1,744	254	75	103	432	1,006
1415	7	27,584	4,566	3,300	4,209	12,076	1,234	2,163	1,435	4,832	7,793
1416	7	11,245	795	895	2,506	4,196	492	1,019	618	2,128	3,177
1417	7	71,066	14,055	18,393	4,027	36,475	5,021	1,439	1,349	7,809	20,076
1418	7	13,874	1,287	1,510	3,075	5,871	605	2,022	772	3,398	3,919
1419	7	8,927	718	816	2,128	3,662	401	624	504	1,529	2,522
1420	7	8,530	628	705	2,002	3,335	599	961	690	2,250	2,410
1421	7	15,279	2,424	3,100	1,824	7,348	917	2,052	538	3,506	4,316
1422	7	9,630	941	1,118	2,043	4,103	467	1,128	510	2,105	2,721
1423	7	2,031	200	239	426	865	88	347	110	545	574
1424	7	1,896	166	196	374	735	115	320	135	570	536
1425	7	6,216	515	591	1,455	2,561	284	413	345	1,042	1,756
1426	7	3,206	257	304	563	1,124	172	413	206	791	906
1427	7	12,100	1,396	1,707	2,263	5,365	744	1,301	580	2,625	3,418
1428	7	23,960	3,997	5,151	2,393	11,541	1,270	2,314	716	4,301	6,769
1429	7	6,885	17,724	23,466	5,420	46,610	6,730	7,074	631	14,435	1,945
1430	7	18,487	8,690	12,568	5,306	26,564	2,378	5,798	773	8,949	5,223
1431	7	14,295	2,364	3,303	1,155	6,822	455	6,895	532	7,883	4,038
1432	7	22,889	1,486	3,508	4,296	9,290	425	3,331	744	4,500	6,466
1433	7	13,251	2,504	4,199	2,970	9,674	695	2,294	462	3,451	3,743
1434	7	14,671	5,581	8,282	3,933	17,797	1,855	3,745	585	6,185	4,145
1435	7	490	4,670	6,116	1,262	12,048	2,388	980	126	3,494	138
1436	7	208	2,431	3,184	657	6,271	1,195	415	60	1,670	59
1437	7	1,639	7,152	9,415	2,051	18,618	3,247	2,020	218	5,485	463
1438	7	3,962	430	700	456	1,586	103	891	132	1,126	1,119
1439	7	1,19,938	11,295	20,914	19,217	51,426	4,019	16,156	4,148	24,323	33,882
1440	7	99,281	17,458	24,014	7,748	49,220	10,466	13,663	2,677	26,806	28,047
1441	7	5,082	332	686	754	1,772	191	803	224	1,218	1,436
1442	7	7,167	530	1,127	1,288	2,945	206	991	271	1,467	2,025
1443	7	17,809	2,588	3,857	1,934	8,379	1,311	2,607	538	4,456	5,031
1444	7	13,626	1,936	2,916	1,528	6,380	899	2,404	421	3,724	3,849
1445	7	20,119	2,520	4,025	2,597	9,142	928	3,375	658	4,961	5,684
1446	7	17,917	3,063	4,260	1,483	8,806	1,472	2,712	487	4,670	5,062
1447	7	1,025	194	264	78	536	41	389	33	464	289
1448	7	57,819	10,269	13,967	4,140	28,377	4,831	12,779	1,729	19,339	16,334
1449	7	3,527	682	908	221	1,811	274	845	99	1,218	996
1450	7	17,563	2,962	4,146	1,503	8,611	900	4,686	590	6,177	4,961
1451	7	22,494	4,137	5,573	1,526	11,235	1,941	4,874	651	7,465	6,355
1452	7	28,104	3,964	6,004	3,215	13,183	1,360	5,685	894	7,938	7,939
1453	7	18,684	3,734	4,914	1,072	9,720	1,843	3,858	492	6,192	5,278
1454	7	79,246	11,849	17,456	8,319	37,623	3,463	17,429	2,599	23,491	22,387
1455	7	33,292	3,293	5,946	5,203	14,442	1,096	4,008	1,100	6,205	9,405
1456	7	22,111	2,927	4,553	2,689	10,169	941	5,189	825	6,955	6,246
1457	7	73,834	9,393	14,876	9,862	34,130	1,302	24,400	3,654	29,356	20,858
1458	7	20,138	3,695	4,992	1,434	10,120	609	8,380	728	9,716	5,689
1459	7	1,24,027	20,075	28,536	11,804	60,416	12,715	46,823	5,276	64,814	35,038
1551	4	1,18,338	30,191	33,458	4,819	68,468	10,908	5,730	5,665	22,303	33,430
1552	4	27,211	7,333	8,163	779	16,275	3,535	2,218	1,358	7,111	7,687
1553	4	1,52,100	42,495	47,405	3,400	93,300	16,673	3,482	6,549	26,704	42,968
1554	4	57,948	14,095	12,592	3,423	30,110	4,959	5,744	3,554	14,258	16,370

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1555	4	28,154	6,834	6,134	1,634	14,602	2,433	2,223	1,567	6,223	7,954
1556	4	77,084	20,603	20,687	2,979	44,268	9,066	4,820	4,030	17,915	21,776
1557	4	22,114	6,492	6,635	428	13,555	2,765	1,862	1,065	5,691	6,247
1558	4	19,139	5,674	3,149	1,011	9,834	1,988	918	1,102	4,008	5,407
1559	4	20,224	5,899	3,110	1,090	10,099	1,314	771	966	3,050	5,713
1560	4	12,633	3,744	2,040	506	6,290	274	184	456	915	3,569
1561	4	11,996	6,385	3,243	900	10,528	860	306	597	1,762	3,389
1562	4	53,925	8,050	6,900	5,177	20,126	1,341	743	1,987	4,071	15,234
1563	4	23,946	6,293	6,159	1,267	13,719	3,112	1,096	1,087	5,295	6,765
1564	4	21,112	5,129	4,418	1,714	11,261	1,369	1,050	872	3,290	5,964
1565	4	21,400	4,903	5,150	1,388	11,440	1,201	1,418	877	3,496	6,046
1566	4	17,080	4,286	4,616	813	9,715	1,766	1,305	772	3,843	4,825
1567	4	9,305	1,642	948	1,573	4,163	121	57	309	486	2,629
1568	4	17,476	3,546	2,686	2,318	8,550	566	540	640	1,746	4,937
1569	4	16,970	2,749	3,203	1,560	7,512	2,484	904	1,796	5,185	4,794
1570	4	22,335	3,901	4,506	1,760	10,168	2,136	1,209	1,738	5,084	6,310
1571	4	26,036	4,401	5,106	2,241	11,748	2,509	1,046	2,027	5,581	7,355
1572	4	68,156	14,323	10,664	7,009	31,996	8,233	3,865	5,063	17,161	19,254
1573	4	38,184	9,059	7,966	2,977	20,002	4,162	2,408	2,442	9,012	10,787
1574	4	8,075	1,739	1,719	621	4,078	518	782	868	2,168	2,281
1575	4	27,250	2,536	2,554	4,348	9,438	554	720	4,001	5,275	7,698
1576	4	26,703	4,081	5,244	2,116	11,441	2,450	1,266	2,986	6,702	7,544
1577	4	58,416	14,273	15,445	3,219	32,937	18,223	5,969	4,445	28,636	16,502
1578	4	63,854	11,248	11,208	7,314	29,770	6,278	2,623	4,537	13,437	18,039
1579	4	63,773	13,279	13,855	5,546	32,680	7,949	2,628	4,099	14,676	18,016
1580	4	68,413	5,786	2,560	10,542	18,888	4,496	3,129	4,685	12,309	19,327
1581	4	32,067	7,604	7,698	2,456	17,758	3,965	2,597	1,994	8,556	9,059
1582	4	75,500	14,342	12,499	9,949	36,790	8,395	4,950	5,083	18,427	21,329
1583	4	40,411	3,809	1,858	6,486	12,153	3,551	2,447	3,212	9,210	11,416
1584	4	13,510	1,693	3,084	1,495	6,272	1,298	1,305	1,457	4,060	3,817
1585	4	21,690	3,379	5,359	2,031	10,769	2,030	2,089	2,014	6,132	6,127
1586	4	57,953	3,103	9,506	7,350	19,958	5,597	5,937	7,444	18,978	16,372
1587	4	23,112	2,311	2,394	2,970	7,676	805	1,167	3,638	5,611	6,529
1588	4	38,217	3,332	3,338	5,974	12,643	687	962	3,963	5,612	10,796
1589	4	22,843	2,025	2,024	3,710	7,759	835	547	3,612	4,994	6,453
1590	4	28,625	5,849	5,324	324	11,497	520	595	3,327	4,442	8,087
1591	4	10,042	3,193	1,039	148	4,380	716	551	1,287	2,554	2,837
1592	4	14,609	1,469	1,493	2,321	5,282	577	430	2,074	3,081	4,127
1593	4	10,505	2,542	2,434	665	5,641	1,089	623	971	2,684	2,968
1594	4	44,911	11,777	7,738	2,380	21,895	3,849	2,211	3,580	9,641	12,687
1595	4	4,863	1,319	638	246	2,202	454	77	748	1,279	1,374
1596	4	16,034	4,499	3,413	558	8,470	2,515	473	2,093	5,082	4,530
1597	4	9,980	3,330	1,211	229	4,770	1,352	387	831	2,570	2,819
1598	4	9,152	2,025	1,432	596	4,053	1,022	351	1,121	2,494	2,586
1599	4	2,734	588	407	205	1,200	366	112	327	804	772
1600	4	9,419	2,012	1,376	712	4,100	2,715	823	2,124	5,663	2,661
1601	4	4,444	1,074	848	338	2,259	1,092	488	1,129	2,708	1,255
1602	4	4,949	1,158	846	420	2,424	1,276	599	1,420	3,294	1,398
1603	4	9,970	2,655	1,863	710	5,229	1,903	297	785	2,984	2,817
1604	4	7,515	1,343	1,227	859	3,429	925	216	747	1,887	2,123
1605	4	20,197	3,789	2,677	2,719	9,186	1,923	713	1,128	3,764	5,706
1606	4	11,168	2,354	2,025	1,096	5,476	2,050	696	836	3,582	3,155
1607	4	15,809	3,702	3,520	1,176	8,398	2,792	1,027	1,130	4,950	4,466
1608	4	31,733	6,940	6,231	2,807	15,978	8,299	4,106	3,319	15,724	8,965
1609	4	18,459	3,019	3,514	1,680	8,213	2,508	563	1,215	4,285	5,215
1610	4	13,569	2,326	2,697	1,182	6,205	2,400	1,004	1,460	4,864	3,833
1611	4	6,687	1,197	1,152	688	3,037	1,440	1,005	1,129	3,574	1,889
1612	4	20,870	3,100	4,044	1,799	8,943	1,137	2,023	2,705	5,865	5,896
1613	4	8,416	917	1,311	1,107	3,334	370	572	1,287	2,228	2,378
1614	4	1,679	343	276	116	736	214	268	305	787	474
1615	4	7,535	1,436	1,651	569	3,656	920	292	654	1,865	2,129
1616	4	16,092	2,743	2,106	1,668	6,517	110	1,690	1,177	2,978	4,546
1617	4	14,898	2,742	2,148	1,599	6,489	131	1,535	1,076	2,743	4,209
1618	4	7,903	1,517	1,191	880	3,589	91	773	554	1,418	2,233
1619	4	11,771	863	3,587	963	5,413	274	515	1,466	2,255	3,325
1620	4	20,778	3,819	4,703	2,240	10,762	3,646	4,416	2,893	10,955	5,870
1621	4	10,776	1,585	2,067	1,488	5,140	1,257	1,601	1,167	4,025	3,044
1622	4	22,235	2,582	5,119	2,886	10,587	1,339	2,818	2,389	6,546	6,281
1623	4	14,617	1,329	3,140	2,115	6,584	574	1,450	1,341	3,365	4,129
1624	4	17,173	1,379	3,788	2,852	8,019	633	2,323	2,011	4,966	4,851
1625	4	26,565	4,680	3,911	2,809	11,400	2,048	2,279	2,639	6,967	7,505
1626	4	18,154	3,239	2,597	1,835	7,671	1,321	1,149	1,912	4,382	5,129
1627	4	31,854	5,451	4,024	3,661	13,136	1,540	1,751	3,092	6,383	8,999
1628	4	11,354	1,974	1,426	1,377	4,778	367	448	894	1,709	3,208
1629	4	28,003	5,931	5,949	2,386	14,266	1,898	2,503	1,417	5,818	7,911

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1630	4	19,605	4,346	4,657	1,503	10,506	5,039	1,738	2,004	8,781	5,539
1631	4	25,517	5,802	5,682	1,876	13,360	2,145	1,919	1,485	5,548	7,209
1632	4	40,363	7,927	7,347	3,401	18,675	4,697	4,508	3,406	12,612	11,403
1633	4	25,844	5,611	5,462	1,882	12,955	2,932	2,873	2,001	7,806	7,301
1634	4	18,368	4,228	4,124	1,400	9,752	2,265	2,074	1,479	5,818	5,189
1635	4	18,357	4,387	4,482	1,045	9,914	2,080	1,432	1,112	4,623	5,186
1636	4	19,545	4,513	4,415	1,471	10,399	2,487	2,119	1,559	6,166	5,522
1637	4	19,746	2,292	4,562	2,697	9,551	996	815	1,062	2,873	5,578
1638	4	6,887	2,075	1,059	413	3,547	285	223	999	1,507	1,946
1639	4	22,590	5,834	2,587	1,445	9,866	1,020	1,078	2,956	5,055	6,382
1640	4	9,094	3,653	461	174	4,288	349	517	664	1,530	2,569
1641	4	18,350	4,117	3,094	1,675	8,886	1,025	1,040	1,323	3,387	5,184
1642	4	17,602	3,557	2,814	1,737	8,107	1,194	649	2,097	3,939	4,972
1643	4	19,125	3,913	3,168	1,629	8,709	3,108	3,034	2,697	8,840	5,403
1644	4	36,974	8,306	7,289	2,775	18,370	4,137	2,536	2,724	9,397	10,445
1645	4	12,885	2,957	3,327	787	7,071	2,153	836	987	3,976	3,640
1646	4	16,365	3,364	3,755	1,254	8,373	3,035	1,693	3,449	8,177	4,623
1647	4	13,726	2,151	2,396	1,533	6,080	1,091	579	1,694	3,364	3,878
1648	4	29,592	4,797	5,344	3,200	13,342	3,288	1,739	4,694	9,721	8,360
1649	4	25,984	5,961	6,661	1,410	14,032	3,519	844	1,656	6,019	7,340
1650	4	29,644	6,761	7,554	1,647	15,962	2,976	2,053	2,113	7,142	8,374
1651	4	22,604	6,586	4,454	745	11,785	4,056	1,113	4,422	9,592	6,386
1652	4	7,404	1,941	1,743	323	4,007	1,971	1,118	1,226	4,315	2,092
1653	4	3,489	834	513	272	1,618	1,201	901	968	3,070	986
1654	4	9,894	2,361	2,533	629	5,524	2,036	655	2,837	5,527	2,795
1655	4	4,674	915	698	511	2,124	691	398	1,878	2,966	1,320
1656	4	15,795	4,087	3,774	759	8,619	3,980	1,744	2,710	8,434	4,462
1657	4	6,623	1,603	1,199	503	3,305	1,289	718	1,196	3,203	1,871
1658	4	5,922	1,470	1,183	401	3,054	1,068	696	988	2,752	1,673
1659	4	3,610	861	693	235	1,789	936	582	833	2,350	1,020
1660	4	8,956	2,151	1,747	575	4,473	1,966	1,172	1,770	4,907	2,530
1661	4	6,529	2,437	784	94	3,315	865	376	440	1,682	1,844
1662	4	14,761	5,466	1,891	212	7,568	3,313	1,673	1,463	6,449	4,170
1663	4	9,875	1,843	2,135	908	4,886	1,166	814	1,320	3,299	2,790
1664	4	8,518	1,302	1,539	1,004	3,845	588	635	991	2,213	2,406
1665	4	9,735	1,843	2,867	627	5,337	2,544	5,457	3,278	11,279	2,750
1666	4	11,132	1,543	3,056	972	5,571	2,309	5,362	3,277	10,947	3,145
1667	4	8,527	1,477	1,713	756	3,946	1,368	1,163	1,276	3,807	2,409
1668	4	25,823	4,334	4,930	2,170	11,434	1,246	2,040	2,963	6,249	7,295
1669	4	6,336	1,393	1,375	535	3,303	1,619	2,958	1,533	6,110	1,790
1670	4	12,288	925	3,369	1,056	5,349	1,046	2,929	2,719	6,694	3,471
1671	4	8,201	948	2,352	603	3,903	999	2,505	2,221	5,725	2,317
1672	4	9,446	1,171	2,005	767	3,943	364	828	1,011	2,204	2,668
1673	4	22,493	3,087	5,104	1,837	10,027	867	1,869	2,219	4,954	6,354
1674	4	10,374	3,006	1,332	221	4,559	277	999	1,024	2,300	2,931
1675	4	21,986	3,846	4,474	2,117	10,436	1,732	1,023	1,473	4,228	6,211
1676	4	21,734	3,585	4,205	2,375	10,165	1,069	2,355	2,012	5,436	6,140
1677	4	6,498	1,094	1,299	447	2,840	306	548	612	1,467	1,836
1678	4	5,991	998	1,026	625	2,649	163	202	345	710	1,692
1679	4	13,951	2,766	2,992	1,120	6,877	1,935	1,914	2,300	6,149	3,941
1680	4	31,425	6,977	7,617	2,151	16,745	2,521	1,959	2,100	6,580	8,877
1681	4	5,072	1,044	944	362	2,350	803	758	1,506	3,067	1,433
1682	4	5,932	1,186	1,047	447	2,680	890	842	1,702	3,433	1,676
1683	4	4,858	948	819	383	2,149	642	612	1,259	2,512	1,372
1684	4	10,326	1,998	1,748	777	4,523	408	354	920	1,681	2,917
1685	4	7,371	1,146	778	873	2,797	291	214	783	1,288	2,082
1686	4	31,779	3,869	5,370	3,139	12,378	1,366	898	4,913	7,177	8,978
1687	4	11,444	2,927	1,794	715	5,436	3,254	1,118	2,206	6,579	3,233
1688	4	1,957	477	310	110	897	333	107	246	686	553
1689	4	4,489	1,086	890	342	2,318	1,799	322	925	3,045	1,268
1690	4	13,177	2,893	1,695	1,523	6,110	5,149	909	3,060	9,118	3,723
1691	4	7,533	1,534	1,183	899	3,617	3,894	1,548	3,823	9,265	2,128
1692	4	6,027	1,311	1,095	638	3,045	2,230	901	2,190	5,320	1,703
1693	4	6,183	1,172	852	716	2,740	3,461	388	1,364	5,213	1,747
1694	4	2,643	502	338	345	1,186	972	75	951	1,998	747
1695	4	7,247	1,457	1,059	891	3,406	803	273	2,760	3,835	2,047
1696	4	22,318	3,214	3,829	2,800	9,844	2,013	405	1,700	4,118	6,305
1697	4	4,956	780	919	564	2,262	1,740	401	1,075	3,216	1,400
1698	4	17,416	1,556	2,379	3,387	7,321	806	1,041	1,898	3,745	4,920
1699	4	9,892	1,452	1,722	1,178	4,352	363	1,261	688	2,312	2,794
1700	4	5,557	1,109	590	806	2,505	459	168	1,542	2,169	1,570
1701	4	11,267	2,372	1,382	1,586	5,340	791	303	2,485	3,579	3,183
1702	4	13,779	2,790	1,717	1,512	6,018	457	475	3,723	4,655	3,893
1703	4	3,860	841	752	260	1,852	320	177	649	1,146	1,090
1704	4	6,889	1,407	1,032	704	3,142	548	311	1,330	2,189	1,946
1705	4	14,862	2,277	2,144	2,023	6,444	2,283	1,517	2,104	5,904	4,198
1706	4	2,596	785	325	57	1,167	358	251	994	1,603	733
1707	4	3,206	1,028	422	75	1,524	244	189	699	1,131	906
1708	4	2,846	910	421	64	1,395	254	199	692	1,145	804
1709	4	15,628	4,439	2,328	922	7,689	2,931	1,474	4,515	8,919	4,415
1710	4	8,612	436	1,390	2,029	3,854	676	405	1,620	2,701	2,433
1711	4	4,569	1,636	266	252	2,153	614	268	772	1,654	1,291
1712	4	9,701	3,608	725	539	4,872	831	350	1,102	2,282	2,741
1801	5	11,878	2,473	2,371	1,034	5,877	1,475	911	310	2,696	3,356
1802	5	9,609	1,842	1,832	905	4,579	4,211	1,798	2,529	8,537	2,714
1803	5	10,974	2,267	2,188	979	5,434	997	846	98	1,940	3,100
1804	5	34,252	6,363	6,558	3,604	16,525	3,598	1,428	714	5,740	9,676
1805	5	24,732	3,315	4,881	2,558	10,754	1,240	1,272	2,921	5,433	6,987
1806	5	11,426	2,053	2,495	1,017	5,565	1,327	489	823	2,639	3,228
1807	5	31,136	1,503	3,542	6,686	11,731	1,692	1,377	1,942	5,011	8,796
1808	5	12,539	2,393	2,411	1,676	6,481	5,136	5,327	8,200	18,663	3,542
1809	5	31,092	985	3,418	7,430	11,834	2,880	2,943	5,578	11,400	8,784
1810	5	18,190	7,352	5,528	58	12,938	8,402	6,877	4,679	19,958	5,139
1811	5	14,427	5,946	4,492	-	10,438	7,963	8,455	7,442	23,860	4,076
1812	5	23,703	5,630	2,636	3,581	11,847	4,759	4,354	4,301	13,414	6,696
1813	5	5,572	2,296	1,735	-	4,031	9,626	9,055	11,704	30,385	1,574
1814	5	9,093	3,747	2,831	-	6,579	3,607	3,667	681	7,955	2,569
1815	5	19,246	7,640	5,424	582	13,646	7,988	12,148	2,938	23,074	5,437
1816	5	7,280	2,682	1,817	350	4,850	3,343	4,983	1,384	9,710	2,057
1817	5	1,856	765	578	-	1,343	1,732	3,211	951	5,893	524
1818	5	12,575	5,047	3,720	155	8,922	5,392	5,966	1,283	12,640	3,553
1819	5	7,823	2,885	1,791	651	5,328	2,039	2,182	519	4,741	2,210
1820	5	3,961	1,632	1,233	-	2,866	3,183	5,183	1,568	9,935	1,119
1821	5	6,511	2,707	1,622	292	4,622	2,296	1,262	228	3,787	1,839
1822	5	8,316	2,164	1,395	576	4,135	846	974	417	2,237	2,349
1823	5	4,548	1,487	1,012	268	2,767	2,243	2,446	1,237	5,925	1,285
1824	5	13,165	3,479	2,235	946	6,660	994	938	383	2,314	3,719
1825	5	5,494	2,079	1,558	30	3,667	3,430	3,059	1,318	7,807	1,552
1826	5	1,389	572	432	-	1,005	1,935	2,074	1,071	5,081	392
1827	5	7,720	2,512	1,701	473	4,686	2,620	2,432	1,204	6,256	2,181
1828	5	2,584	1,065	805	-	1,870	2,486	2,210	1,113	5,809	730
1829	5	2,604	1,073	811	-	1,884	1,974	2,261	953	5,188	736
1830	5	18,858	4,783	3,044	1,871	9,698	1,563	2,054	1,163	4,779	5,327
1831	5	16,193	4,403	3,324	1,259	8,987	2,081	1,702	1,050	4,833	4,575
1832	5	2,774	1,143	864	-	2,007	877	891	719	2,487	784
1833	5	3,005	981	675	102	1,759	273	382	217	872	849
1834	5	1,527	629	475	-	1,105	470	344	220	1,034	431
1835	5	13,042	3,564	2,325	572	6,461	711	778	567	2,056	3,684
1836	5	19,237	7,569	5,753	193	13,515	9,079	7,151	1,674	17,903	5,434
1837	5	2,547	1,050	793	-	1,843	1,033	788	108	1,930	720
1838	5	10,026	4,132	3,122	-	7,254	7,896	5,845	1,698	15,438	2,832
1839	5	2,216	759	589	86	1,433	1,635	1,269	391	3,295	626
1840	5	3,411	304	307	815	1,426	279	61	100	440	964
1841	5	13,544	1,393	1,351	3,142	5,886	944	290	211	1,445	3,826
1842	5	5,675	1,912	699	246	2,857	1,889	102	1,159	3,149	1,603
1843	5	3,864	1,505	495	104	2,104	495	22	190	706	1,091
1844	5	2,379	612	179	304	1,095	92	72	87	251	672
1845	5	13,334	3,815	1,951	1,138	6,904	1,479	442	739	2,659	3,767
1846	5	4,364	1,613	330	367	2,311	3,045	718	798	4,561	1,233
1847	5	8,631	3,235	1,046	577	4,858	6,380	1,441	1,514	9,335	2,438
1848	5	6,204	2,342	1,206	232	3,781	3,038	782	545	4,365	1,753
1849	5	40,661	14,521	7,249	2,313	24,082	10,911	3,354	873	15,138	11,487
1850	5	29,585	11,015	5,475	1,769	18,259	13,900	13,259	2,334	29,493	8,358
1851	5	13,435	4,460	1,671	1,055	7,187	2,684	739	226	3,649	3,795
1852	5	20,313	6,330	3,526	1,404	11,260	3,938	1,988	395	6,320	5,738
1853	5	31,187	8,845	4,389	2,562	15,796	6,949	1,304	1,103	9,356	8,810
1854	5	9,474	2,439	1,008	933	4,379	1,713	277	413	2,403	2,677
1855	5	26,666	8,364	4,708	1,800	14,872	5,312	1,336	484	7,132	7,533
1856	5	13,171	3,555	1,541	1,279	6,375	2,186	397	542	3,125	3,721
1857	5	6,171	1,944	1,103	409	3,456	1,612	388	287	2,287	1,743
1858	5	6,412	1,544	540	700	2,784	830	141	250	1,221	1,811
1859	5	10,449	3,022	1,597	859	5,478	1,980	465	204	2,650	2,952
1860	5	7,947	1,760	524	1,009	3,293	811	151	345	1,308	2,245
1861	5	5,060	1,106	338	623	2,067	401	81	166	648	1,429
1862	5	13,323	3,492	1,492	1,436	6,420	2,309	588	637	3,535	3,764
1863	5	13,232	3,060	947	1,710	5,717	1,860	374	763	2,997	3,738
1864	5	5,517	1,406	519	680	2,605	447	144	131	722	1,558
1865	5	5,435	1,794	325	390	2,509	681	144	365	1,189	1,535
1866	5	21,228	7,685	1,528	1,618	10,831	2,890	572	1,291	4,752	5,997
1867	5	39,851	11,325	5,603	3,567	20,495	11,075	2,501	3,370	16,946	11,258

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1868	5	27,248	7,122	3,370	2,428	12,920	4,179	1,112	1,064	6,355	7,698
1869	5	13,167	3,212	1,217	1,461	5,890	1,442	347	625	2,415	3,720
1870	5	7,409	2,295	1,324	494	4,113	1,701	468	306	2,475	2,093
1871	5	25,746	7,325	3,483	2,478	13,286	4,062	1,194	1,174	6,429	7,273
1872	5	13,664	3,443	1,345	1,518	6,306	1,474	365	582	2,420	3,860
1873	5	17,279	5,335	3,642	1,395	10,372	6,891	2,477	1,257	10,625	4,881
1874	5	16,405	4,307	2,720	1,915	8,942	8,600	3,176	2,234	14,010	4,634
1875	5	16,513	4,408	2,812	1,858	9,079	5,566	2,110	1,233	8,909	4,665
1876	5	6,235	1,694	664	701	3,058	400	238	451	1,088	1,761
1877	5	14,190	4,590	1,387	1,240	7,216	3,723	630	2,142	6,496	4,009
1878	5	24,300	5,206	3,163	2,860	11,229	1,565	1,028	1,081	3,674	6,865
1879	5	4,645	1,065	678	471	2,214	459	289	283	1,031	1,312
1880	5	51,811	15,236	8,251	1,497	24,985	4,029	1,509	1,351	6,890	14,637
1881	5	39,839	5,306	4,841	6,819	16,967	2,926	899	759	4,584	11,255
1882	5	12,568	1,550	1,442	2,218	5,210	862	229	254	1,345	3,551
1883	5	16,100	2,616	2,263	2,347	7,226	1,967	600	354	2,921	4,548
1884	5	16,994	2,742	2,375	2,488	7,604	2,124	615	372	3,112	4,801
1885	5	15,073	2,736	2,316	2,038	7,090	1,930	880	331	3,141	4,258
1886	5	22,225	2,530	3,537	3,837	9,904	891	474	787	2,152	6,279
1887	5	97,916	34,512	27,974	2,865	65,351	16,699	624	841	18,164	27,661
1888	5	7,385	891	1,376	1,059	3,326	698	168	306	1,172	2,086
1889	5	29,908	7,634	3,096	2,921	13,651	2,110	810	2,493	5,413	8,449
1890	5	14,427	3,589	1,615	1,199	6,402	506	290	401	1,197	4,076
1891	5	33,771	11,618	555	3,505	15,678	3,067	566	2,687	6,320	9,540
1892	5	9,202	2,973	158	890	4,021	435	100	352	887	2,600
1893	5	8,005	1,871	1,271	951	4,093	1,595	571	678	2,844	2,261
1894	5	19,638	5,046	1,642	2,241	8,929	1,234	589	869	2,691	5,548
1895	5	16,381	3,020	1,522	2,661	7,202	1,692	920	601	3,212	4,627
1896	5	4,717	1,099	400	557	2,057	535	300	324	1,159	1,332
1897	5	5,972	1,294	345	819	2,459	298	160	260	718	1,687
1898	5	6,927	1,474	396	928	2,798	532	287	468	1,287	1,957
1899	5	13,155	4,296	1,200	1,237	6,733	1,332	532	618	2,482	3,716
1900	5	5,003	1,619	297	560	2,476	357	181	275	812	1,413
1901	5	10,411	3,472	912	1,034	5,418	997	535	508	2,040	2,941
1902	5	22,739	2,838	5,292	2,400	10,530	820	694	635	2,149	6,424
1903	5	8,350	2,345	351	1,258	3,954	777	274	365	1,416	2,359
1904	5	10,112	2,495	350	1,361	4,206	664	184	318	1,166	2,857
1905	5	7,767	2,444	795	931	4,170	1,183	621	331	2,135	2,194
1906	5	8,945	2,371	376	1,254	4,000	902	212	364	1,479	2,527
1907	5	11,708	3,152	256	1,884	5,292	1,009	248	561	1,818	3,307
1908	5	8,208	2,224	156	1,351	3,731	751	182	423	1,356	2,319
1909	5	6,517	1,607	153	940	2,700	924	222	518	1,664	1,841
1910	5	4,619	1,273	105	759	2,137	532	128	297	957	1,305
1911	5	6,290	1,542	166	885	2,592	814	199	450	1,463	1,777
1912	5	5,356	1,379	109	826	2,314	478	114	265	857	1,513
1913	5	14,390	4,258	1,329	1,672	7,259	2,162	905	623	3,690	4,065
1914	5	2,315	665	103	354	1,123	207	60	104	371	654
1915	5	4,238	1,171	84	710	1,964	373	86	209	668	1,197
1916	5	8,682	2,376	238	1,380	3,993	856	213	450	1,519	2,453
1917	5	9,799	2,501	198	1,499	4,198	1,045	249	588	1,882	2,768
1918	5	9,224	2,362	155	1,443	3,961	786	183	445	1,415	2,606
1919	5	10,122	2,574	167	1,575	4,317	939	218	533	1,690	2,860
1920	5	13,177	3,462	204	2,137	5,802	445	101	248	794	3,723
1921	5	22,085	5,549	2,945	2,626	11,120	2,763	1,022	1,133	4,918	6,239
1922	5	13,134	3,117	1,681	1,420	6,218	1,023	360	366	1,749	3,710
1923	5	7,415	1,899	997	921	3,817	984	382	451	1,817	2,095
1924	5	10,242	3,116	1,666	934	5,716	6,963	5,770	8,001	20,734	2,893
1925	5	5,001	1,183	374	707	2,264	363	284	418	1,065	1,413
1926	5	22,773	6,105	2,309	3,129	11,543	1,928	1,413	1,169	4,510	6,433
1927	5	5,421	1,264	379	782	2,425	378	308	447	1,133	1,531
1928	5	1,446	408	224	115	747	2,399	2,076	3,143	7,618	409
1929	5	2,006	462	133	294	889	139	108	168	416	567
1930	5	633	199	108	42	350	3,699	587	1,447	5,733	179
1931	5	1,403	386	121	170	677	2,794	444	1,093	4,332	396
1932	5	1,550	478	217	144	839	5,469	888	2,135	8,491	438
1933	5	1,303	424	222	98	743	5,227	843	2,037	8,107	368
1934	5	4,156	1,545	1,007	160	2,711	2,294	763	546	3,603	1,174
1935	5	11,554	1,108	989	2,825	4,923	1,827	1,036	1,572	4,435	3,264
1936	5	27,114	6,454	3,909	2,229	12,592	4,165	3,321	3,438	10,924	7,660
1937	5	22,319	4,989	1,673	3,170	9,832	1,179	664	1,860	3,702	6,305
1938	5	19,557	4,762	2,708	1,344	8,814	2,560	490	3,591	6,641	5,525
1939	5	9,000	1,808	1,050	1,073	3,931	807	443	1,023	2,274	2,543
1940	5	11,172	4,174	1,468	830	6,472	1,080	531	193	1,803	3,156
1941	5	10,760	3,602	1,143	777	5,523	1,398	343	639	2,380	3,040
1942	5	47,192	16,110	5,160	3,423	24,692	6,917	1,820	4,495	13,231	13,332

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
1943	5	4,169	1,079	570	211	1,860	190	352	239	781	1,178
1944	5	3,312	759	342	344	1,445	124	65	389	579	936
1945	5	6,784	1,626	1,037	504	3,167	1,088	724	901	2,714	1,916
1946	5	3,845	897	408	496	1,801	485	46	288	819	1,086
1947	5	6,980	1,962	431	938	3,331	1,500	308	583	2,391	1,972
1948	5	4,159	1,173	475	373	2,020	779	171	1,073	2,023	1,175
1949	5	2,574	932	371	86	1,389	614	34	435	1,083	727
1950	5	4,209	1,044	336	561	1,941	130	25	155	311	1,189
1951	5	3,581	1,063	553	112	1,728	198	20	60	278	1,012
1952	5	4,207	1,016	350	518	1,884	378	67	329	774	1,189
1953	5	4,088	1,305	394	260	1,959	423	207	388	1,019	1,155
1954	5	3,207	1,032	327	199	1,558	332	166	297	794	906
1955	5	3,259	1,001	186	329	1,516	425	130	286	842	921
1956	5	5,593	1,734	632	292	2,658	497	280	745	1,522	1,580
1957	5	7,789	2,508	842	544	3,894	2,540	2,636	1,013	6,190	2,200
1958	5	8,797	2,968	1,260	442	4,670	8,570	1,586	2,865	13,021	2,485
1959	5	4,889	1,131	717	452	2,300	2,511	1,638	3,183	7,333	1,381
1960	5	7,978	1,920	1,207	803	3,930	1,860	1,216	2,256	5,332	2,254
2011	14	32,917	4,715	6,467	274	11,455	2,646	6,543	2,281	11,470	9,299
2012	14	19,935	1,025	4,323	492	5,840	1,302	2,093	1,985	5,380	5,632
2013	14	17,270	1,513	3,605	315	5,433	923	2,596	1,570	5,089	4,879
2014	14	36,323	3,487	7,516	608	11,611	2,917	7,720	3,533	14,170	10,261
2015	14	12,735	866	2,715	277	3,857	902	1,549	1,263	3,714	3,598
2016	14	7,965	282	1,755	219	2,257	490	712	837	2,039	2,250
2017	14	5,726	233	1,255	152	1,640	352	675	634	1,662	1,618
2018	14	8,578	291	1,893	238	2,422	538	895	972	2,405	2,423
2019	14	13,148	748	2,835	312	3,895	934	1,601	1,357	3,893	3,714
2020	14	5,269	160	1,167	150	1,477	305	453	564	1,322	1,489
2021	14	14,180	948	3,026	311	4,285	1,064	2,004	1,428	4,496	4,006
2022	14	11,055	584	2,393	270	3,248	764	1,486	1,176	3,427	3,123
2023	14	27,442	14,412	15,434	194	30,040	48,476	3,552	3,771	55,799	7,752
2024	14	19,556	5,295	7,801	387	13,483	17,525	2,517	2,560	22,602	5,525
2025	14	7,028	568	1,478	137	2,183	452	1,382	677	2,511	1,985
2026	14	11,463	1,314	2,325	154	3,793	863	3,037	972	4,872	3,238
2027	14	22,686	3,207	4,466	196	7,868	1,930	6,527	1,692	10,150	6,409
2028	14	8,950	1,964	1,033	629	3,626	194	3,154	515	3,863	2,528
2029	14	18,643	3,823	2,792	673	7,288	1,165	5,586	1,069	7,820	5,267
2030	14	11,391	2,163	2,120	-	4,283	851	7,744	1,193	9,788	3,218
2031	14	10,025	1,904	1,865	1	3,769	760	5,902	914	7,576	2,832
2032	14	5,572	1,130	1,108	-	2,238	309	4,850	602	5,761	1,574
2033	14	23,638	4,736	3,808	587	9,131	1,809	9,060	1,625	12,494	6,678
2034	14	10,220	2,112	1,492	406	4,011	746	2,571	592	3,908	2,887
2035	14	20,659	4,445	2,854	1,058	8,357	633	11,690	1,514	13,838	5,836
2036	14	15,938	3,435	1,991	969	6,395	511	6,179	1,211	7,901	4,502
2037	14	32,275	6,665	4,727	1,272	12,663	1,371	16,896	2,311	20,578	9,118
2038	14	15,448	3,605	1,419	1,338	6,362	495	1,320	2,010	3,825	4,364
2039	14	22,426	5,019	2,409	1,589	9,016	609	3,619	1,674	5,902	6,335
2040	14	16,451	3,681	1,854	1,110	6,645	905	2,054	2,117	5,076	4,647
2041	14	6,174	1,252	977	158	2,386	186	3,448	497	4,130	1,744
2042	14	24,701	5,745	2,311	2,101	10,157	1,017	2,375	3,677	7,069	6,978
2043	14	13,454	2,880	1,797	649	5,327	889	3,489	2,515	6,893	3,801
2044	14	15,204	2,988	2,610	202	5,799	1,495	3,852	1,039	6,387	4,295
2045	14	19,642	4,603	1,764	1,738	8,106	647	1,782	2,742	5,171	5,549
2046	14	18,018	4,102	1,879	1,354	7,335	568	1,504	1,814	3,886	5,090
2047	14	5,575	1,066	1,020	15	2,102	343	1,911	608	2,862	1,575
2048	14	23,226	5,403	2,105	2,019	9,527	764	2,373	3,243	6,380	6,561
2049	14	36,969	8,556	3,553	3,058	15,166	1,609	3,649	5,381	10,638	10,444
2050	14	4,406	886	779	57	1,722	475	1,943	1,191	3,609	1,245
2051	14	22,273	5,010	2,453	1,555	9,018	805	2,553	2,904	6,262	6,292
2052	14	15,503	3,560	1,549	1,227	6,337	621	1,736	2,316	4,673	4,380
2053	14	3,300	627	613	1	1,241	372	1,539	873	2,783	932
2054	14	17,364	3,818	2,103	1,037	6,959	969	2,893	2,045	5,907	4,905
2055	14	9,759	2,190	1,086	671	3,947	439	1,489	1,244	3,172	2,757
2056	14	3,025	578	554	8	1,140	430	1,273	873	2,576	854
2057	14	57,417	11,745	9,308	1,394	22,447	3,289	30,623	4,380	38,292	16,220
2058	14	16,330	1,987	2,554	1,233	5,775	1,223	4,039	1,658	6,921	4,613
2059	14	17,531	2,409	2,862	1,018	6,289	1,287	5,179	1,505	7,971	4,952
2060	14	25,331	5,901	3,357	920	10,178	2,839	5,812	1,933	10,584	7,156
2061	14	39,879	10,444	3,857	2,419	16,721	5,252	4,492	3,539	13,284	11,266
2062	14	23,776	6,051	2,507	1,299	9,856	2,804	3,932	2,052	8,788	6,717
2063	14	26,116	5,233	3,869	1,029	10,131	2,351	9,685	2,568	14,605	7,378
2064	14	32,869	6,866	3,862	2,340	13,068	2,717	4,394	3,986	11,097	9,285
2065	14	9,529	1,529	212	2,236	3,977	396	217	1,993	2,606	2,692
2066	14	2,466	402	91	528	1,021	115	163	484	762	697
2067	14	16,077	3,917	1,454	1,348	6,719	852	1,191	2,750	4,793	4,542

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2068	14	7,302	1,509	543	953	3,005	286	526	1,300	2,113	2,063
2069	14	9,465	1,935	724	1,194	3,852	356	1,305	1,670	3,331	2,674
2070	14	4,926	1,003	461	531	1,995	178	988	785	1,951	1,392
2071	14	7,813	1,599	601	984	3,184	293	1,066	1,375	2,735	2,207
2072	14	5,546	1,123	442	671	2,236	209	1,046	960	2,216	1,567
2073	14	4,354	865	602	236	1,703	282	975	515	1,773	1,230
2074	14	27,218	5,638	2,204	3,182	11,024	1,180	3,686	5,274	10,139	7,689
2075	14	7,615	1,916	878	380	3,173	437	2,287	538	3,263	2,151
2076	14	10,414	2,104	1,793	102	3,999	1,068	2,421	569	4,059	2,942
2077	14	13,332	4,299	563	1,385	6,247	985	1,367	1,100	3,452	3,766
2078	14	7,504	2,127	601	563	3,291	555	1,666	581	2,802	2,120
2079	14	29,819	7,585	2,656	2,527	12,768	1,324	6,757	2,600	10,681	8,424
2080	14	7,287	1,202	934	640	2,776	883	2,844	448	4,176	2,059
2081	14	7,788	1,283	992	694	2,969	604	2,520	430	3,554	2,200
2082	14	3,951	750	735	-	1,485	442	1,187	215	1,845	1,116
2083	14	3,271	479	277	503	1,259	215	419	152	786	924
2084	14	74	14	14	-	28	2	46	5	53	21
2085	14	4	1	1	-	1	0	2	0	3	1
2086	14	4,546	765	617	348	1,729	404	1,823	270	2,496	1,284
2087	14	8,166	1,478	1,350	257	3,085	803	2,175	430	3,408	2,307
2088	14	9,309	1,603	1,351	578	3,532	837	3,161	525	4,523	2,630
2089	14	3,625	584	431	371	1,385	248	911	186	1,345	1,024
2090	14	6,961	1,250	1,129	253	2,632	760	3,932	471	5,163	1,966
2091	14	7,218	1,227	1,009	507	2,743	723	2,608	421	3,752	2,039
2092	14	2,027	330	250	193	773	100	634	108	842	573
2093	14	1,979	351	310	88	749	189	591	107	887	559
2094	14	3,755	632	511	284	1,428	285	1,059	198	1,543	1,061
2095	14	13,053	2,478	2,429	-	4,908	1,408	4,160	720	6,288	3,687
2131	8	20,706	1,839	1,472	753	4,064	1,692	1,368	2,512	5,572	5,849
2132	8	6,846	1,354	1,085	555	2,994	686	937	1,177	2,800	1,934
2133	8	19,639	1,823	1,452	743	4,018	1,892	1,699	2,651	6,242	5,548
2134	8	8,467	687	556	284	1,526	666	598	993	2,258	2,392
2135	8	21,204	1,501	1,237	630	3,368	1,715	1,444	2,493	5,652	5,990
2141	8	55,416	1,040	1,539	954	3,532	10,470	7,792	5,353	23,615	15,655
2142	8	2,22,073	4,199	6,495	4,150	14,844	22,902	19,057	19,927	61,885	62,736
2143	8	4,822	1,965	2,925	1,820	6,710	2,259	6,227	1,157	9,643	1,362
2144	8	13,649	8,706	12,025	7,065	27,796	9,612	40,669	4,742	55,024	3,856
2145	8	669	1,054	1,295	684	3,034	9,384	4,515	828	14,727	189
2146	8	1,83,970	3,395	4,100	2,305	9,800	31,204	19,385	16,750	67,339	51,972
2147	8	55,400	1,026	1,366	960	3,353	3,809	3,413	4,687	11,909	15,651
2148	8	5,409	7,107	8,686	5,036	20,830	1,703	17,167	1,690	20,560	1,528
2149	8	14,087	9,732	12,202	7,539	29,473	24,161	28,192	4,335	56,688	3,980
2150	8	9,773	8,240	9,510	5,759	23,510	3,961	19,686	2,355	26,002	2,761
2151	8	39,929	985	1,132	1,010	3,128	4,648	1,331	3,511	9,490	11,280
2152	8	37,525	991	1,137	1,094	3,223	2,670	2,248	3,322	8,240	10,601
2153	8	2,636	1,819	2,099	1,314	5,232	974	4,133	570	5,677	745
2154	8	91,177	1,793	2,070	1,239	5,102	7,612	6,430	7,749	21,791	25,757
2155	8	213	357	413	205	974	53	542	48	643	60
2156	8	6,565	4,352	5,018	3,373	12,743	768	10,839	1,523	13,130	1,855
2157	8	8,103	4,920	5,671	3,871	14,461	791	16,577	2,026	19,393	2,289
2158	8	3,685	5,812	6,713	3,791	16,316	370	12,952	1,204	14,527	1,041
2159	8	14,666	4,625	5,329	3,774	13,728	15,127	20,740	3,318	39,185	4,143
2160	8	10,550	6,797	7,840	5,018	19,655	3,524	24,347	2,536	30,407	2,980
2161	8	4,920	4,840	5,586	3,359	13,785	266	23,982	1,833	26,081	1,390
2162	8	25,898	12,244	14,145	7,806	34,195	14,648	45,360	5,378	65,386	7,316
2163	8	8,373	4,391	5,074	2,717	12,182	2,033	11,501	1,435	14,969	2,365
2164	8	6,197	3,985	4,604	2,522	11,111	9,971	22,271	2,248	34,489	1,751
2165	8	6,260	2,615	3,279	1,441	7,335	6,391	10,616	1,513	18,520	1,768
2166	8	17,552	7,333	9,188	4,042	20,563	16,636	18,303	3,568	38,507	4,958
2167	8	10,468	2,024	2,559	1,111	5,693	15,419	10,079	2,266	27,764	2,957
2168	8	10,335	6,837	8,517	3,779	19,133	4,455	18,904	2,351	25,710	2,920
2169	8	94,998	2,624	3,227	3,014	8,865	6,550	10,287	8,593	25,430	26,837
2170	8	59,937	1,285	1,526	1,050	3,862	3,814	5,349	5,317	14,479	16,932
2171	8	19,073	909	1,181	1,542	3,632	697	1,434	1,775	3,906	5,388
2172	8	14,479	916	1,210	1,708	3,834	693	1,897	1,626	4,216	4,090
2173	8	6,345	1,547	2,308	2,015	5,870	423	5,981	1,061	7,465	1,792
2174	8	5,092	239	534	698	1,470	244	547	512	1,303	1,438
2201	6	65,696	14,038	10,034	3,851	27,923	4,620	11,656	295	16,571	18,559
2202	6	30,267	6,073	6,603	1,262	13,937	3,285	10,470	100	13,855	8,551
2203	6	54,618	8,885	11,491	3,324	23,701	5,677	13,402	643	19,723	15,430
2204	6	18,262	3,915	4,149	520	8,584	2,918	5,111	175	8,204	5,159
2205	6	20,308	4,152	3,618	1,029	8,800	1,247	7,177	320	8,743	5,737
2206	6	45,402	9,030	9,405	2,073	20,508	4,704	13,187	676	18,567	12,826
2207	6	38,134	8,331	5,167	2,499	15,997	4,289	4,962	391	9,643	10,773
2208	6	49,247	10,727	6,098	3,471	20,296	5,195	5,090	537	10,822	13,912

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2209	6	33,386	7,261	3,920	2,444	13,625	3,529	2,949	384	6,862	9,431
2210	6	13,415	2,591	1,860	1,037	5,488	543	2,195	503	3,241	3,790
2211	6	10,406	2,003	1,409	822	4,233	419	1,131	399	1,949	2,940
2212	6	14,847	2,180	1,460	2,460	6,099	2,734	2,718	56	5,508	4,194
2213	6	16,845	3,013	2,447	1,253	6,714	1,449	200	682	2,332	4,759
2214	6	6,971	1,274	1,094	477	2,844	586	810	260	1,656	1,969
2215	6	13,976	2,663	2,521	788	5,972	1,317	3,503	429	5,249	3,948
2216	6	13,368	2,985	2,238	494	5,718	797	2,724	613	4,134	3,777
2217	6	11,061	2,472	1,929	386	4,787	751	2,486	479	3,715	3,125
2218	6	22,911	4,753	3,965	1,115	9,833	1,601	2,921	666	5,188	6,472
2219	6	20,736	3,561	2,567	2,059	8,187	658	1,478	841	2,978	5,858
2220	6	17,461	2,991	2,139	1,747	6,878	494	1,232	714	2,440	4,933
2221	6	37,346	6,289	4,153	4,230	14,673	3,330	2,224	832	6,387	10,550
2222	6	9,910	1,662	1,080	1,137	3,879	904	608	224	1,735	2,800
2223	6	21,486	3,591	2,306	2,487	8,384	1,917	1,235	489	3,641	6,070
2224	6	26,167	6,159	852	3,388	10,399	687	842	1,495	3,024	7,392
2225	6	37,137	9,476	5,983	121	15,579	2,410	2,423	1,198	6,031	10,491
2226	6	12,785	3,252	2,109	40	5,401	863	880	400	2,143	3,612
2227	6	53,939	10,661	9,597	3,351	23,608	5,454	15,663	993	22,110	15,238
2228	6	37,190	7,005	4,446	3,306	14,757	1,274	1,761	1,776	4,810	10,506
2229	6	22,892	4,193	2,808	2,123	9,124	1,094	666	1,181	2,941	6,467
2230	6	27,817	340	1,279	8,023	9,642	839	1,892	1,123	3,854	7,858
2231	6	25,594	309	1,172	7,386	8,867	767	1,751	1,034	3,552	7,230
2232	6	20,735	3,771	3,039	1,661	8,471	1,714	1,129	508	3,351	5,858
2233	6	17,446	3,907	3,254	634	7,796	1,700	1,699	487	3,886	4,928
2234	6	80,975	14,158	10,055	8,602	32,814	7,344	8,267	1,778	17,389	22,875
2235	6	65,063	15,896	12,748	8,096	36,740	5,024	9,459	2,308	16,791	18,380
2236	6	28,243	6,769	3,504	1,565	11,839	2,076	2,724	801	5,601	7,979
2237	6	31,477	7,583	3,389	1,917	12,890	1,929	2,246	1,004	5,178	8,892
2238	6	30,027	3,738	5,537	2,853	12,128	1,600	3,258	785	5,642	8,483
2239	6	38,335	6,588	4,893	3,880	15,361	2,301	1,279	1,734	5,314	10,830
2240	6	20,880	3,580	2,642	2,128	8,350	1,167	925	951	3,043	5,899
2241	6	15,237	1,702	3,129	1,618	6,449	1,461	1,452	511	3,425	4,304
2242	6	6,848	1,432	526	751	2,709	480	165	293	939	1,935
2243	6	6,906	1,466	794	622	2,882	556	1,087	243	1,886	1,951
2244	6	6,109	1,277	470	670	2,417	423	132	261	816	1,726
2245	6	16,002	1,868	2,206	2,083	6,156	477	906	800	2,183	4,521
2246	6	12,995	2,330	1,704	1,254	5,287	879	957	565	2,400	3,671
2247	6	19,686	3,509	2,513	1,941	7,963	1,436	969	874	3,279	5,561
2248	6	11,483	1,987	1,267	1,253	4,507	608	263	564	1,435	3,244
2249	6	11,926	2,165	1,653	1,097	4,914	1,028	714	494	2,235	3,369
2250	6	15,588	2,593	2,235	1,670	6,498	1,380	2,929	523	4,833	4,404
2251	6	9,608	1,755	1,757	752	4,264	1,133	2,373	236	3,742	2,714
2252	6	24,435	21,432	25,656	1,843	48,932	20,920	13,999	257	35,176	6,903
2253	6	15,816	8,952	9,946	1,595	20,493	7,476	3,548	228	11,253	4,468
2254	6	12,596	6,979	7,723	1,277	15,979	5,685	2,840	155	8,680	3,558
2255	6	15,099	2,567	2,858	1,263	6,688	2,827	1,402	91	4,320	4,265
2256	6	11,992	2,210	2,573	751	5,535	1,837	3,406	54	5,298	3,388
2257	6	14,518	12,419	14,656	1,312	28,387	11,515	7,282	381	19,178	4,101
2258	6	28,862	7,188	12,327	5,714	25,229	6,689	8,038	674	15,401	8,154
2259	6	25,282	816	3,720	4,865	9,401	2,035	1,783	598	4,416	7,142
2260	6	16,395	2,975	2,288	1,642	6,905	1,502	1,564	682	3,748	4,631
2261	6	19,241	4,304	3,953	483	8,739	2,887	3,535	510	6,933	5,436
2262	6	42,243	7,394	4,746	4,502	16,642	3,602	1,760	1,364	6,726	11,934
2263	6	16,483	6,156	701	296	7,153	1,241	1,054	518	2,813	4,656
2264	6	19,124	7,276	588	360	8,224	1,311	1,066	630	3,008	5,403
2265	6	6,128	2,318	212	114	2,643	428	366	199	993	1,731
2266	6	18,221	1,128	4,657	1,610	7,395	2,028	1,819	507	4,354	5,147
2267	6	30,329	6,517	4,870	1,291	12,677	2,198	1,247	1,493	4,937	8,568
2268	6	18,358	3,919	2,673	871	7,464	917	259	1,008	2,184	5,186
2269	6	29,812	5,012	4,975	1,979	11,966	1,562	1,043	1,423	4,028	8,422
2270	6	19,444	3,393	3,535	1,427	8,355	3,765	2,177	88	6,030	5,493
2271	6	14,013	2,057	1,943	1,454	5,453	777	470	617	1,864	3,959
2272	6	16,422	2,412	2,278	1,702	6,392	910	555	724	2,188	4,639
2273	6	8,538	1,357	1,378	752	3,488	738	570	320	1,627	2,412
2274	6	14,359	3,118	3,620	322	7,059	2,250	7,758	247	10,256	4,057
2275	6	20,610	3,966	3,240	1,617	8,824	1,033	3,807	92	4,931	5,822
2276	6	4,262	870	862	221	1,953	296	1,825	49	2,170	1,204
2277	6	42,211	14,133	3,489	768	18,390	1,135	8,420	178	9,733	11,925
2278	6	18,334	5,045	3,619	149	8,813	2,116	5,677	43	7,836	5,179
2279	6	5,932	1,376	1,663	5	3,044	1,007	3,955	38	5,000	1,676
2280	6	7,289	1,982	1,484	55	3,521	772	3,091	27	3,889	2,059
2281	6	14,857	2,049	1,306	2,303	5,657	102	2,491	134	2,727	4,197
2282	6	13,983	1,965	1,313	2,102	5,381	124	2,342	122	2,588	3,950
2283	6	11,826	3,635	500	764	4,899	138	1,974	106	2,218	3,341

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2284	6	15,808	4,871	630	1,031	6,533	146	2,623	143	2,912	4,466
2285	6	15,329	3,459	1,637	1,179	6,275	844	655	762	2,261	4,330
2286	6	7,559	1,705	709	623	3,036	290	209	403	901	2,135
2287	6	11,579	2,508	1,121	1,040	4,669	115	1,881	134	2,129	3,271
2288	6	7,091	1,534	660	649	2,844	62	1,147	83	1,293	2,003
2289	6	11,815	2,307	1,599	918	4,824	639	873	374	1,885	3,338
2290	6	21,913	6,040	460	2,350	8,850	929	1,242	899	3,070	6,190
2291	6	13,972	2,420	1,468	1,582	5,470	624	633	604	1,861	3,947
2292	6	11,513	2,025	1,315	1,239	4,578	531	598	473	1,602	3,252
2293	6	15,907	3,139	2,167	1,116	6,422	362	2,181	251	2,794	4,494
2401	6	31,748	4,500	2,657	5,492	12,650	984	1,411	1,341	3,737	8,969
2402	6	11,052	2,087	1,708	900	4,695	872	3,289	448	4,609	3,122
2403	6	29,526	4,931	6,939	1,545	13,415	2,183	17,412	196	19,790	8,341
2404	6	27,902	2,811	3,493	4,294	10,598	556	1,370	1,178	3,104	7,882
2405	6	12,894	2,062	1,652	1,332	5,045	1,143	1,938	2,251	5,332	3,643
2406	6	17,012	2,946	2,321	1,955	7,221	419	690	796	1,905	4,806
2407	6	18,169	4,294	391	3,256	7,941	609	628	904	2,141	5,133
2408	6	13,403	3,070	287	2,323	5,680	658	674	1,005	2,336	3,786
2409	6	21,825	2,100	2,558	3,742	8,401	3,136	4,097	1,816	9,049	6,166
2410	6	22,416	2,768	5,053	1,383	9,204	1,190	2,392	1,395	4,977	6,333
2411	6	27,002	3,458	4,090	3,096	10,644	572	1,562	403	2,537	7,628
2412	6	12,824	1,169	2,419	1,799	5,388	530	1,927	617	3,073	3,623
2413	6	10,750	925	1,995	1,581	4,502	1,408	5,700	1,969	9,077	3,037
2414	6	19,231	3,549	3,556	1,126	8,231	1,437	3,163	3,164	7,765	5,433
2415	6	15,823	3,003	3,015	944	6,962	2,069	4,662	4,703	11,433	4,470
2416	6	12,125	325	2,005	2,435	4,765	1,484	2,853	1,031	5,369	3,425
2417	6	7,517	240	1,194	1,357	2,791	2,085	4,054	1,475	7,615	2,124
2418	6	14,983	857	1,877	3,129	5,863	637	911	779	2,327	4,233
2419	6	7,382	418	936	1,604	2,959	539	752	696	1,987	2,085
2420	6	11,071	1,089	1,712	1,395	4,196	370	1,452	439	2,262	3,128
2421	6	10,176	963	1,531	1,301	3,794	254	969	306	1,529	2,875
2422	6	15,754	724	3,008	2,348	6,079	1,131	1,397	397	2,924	4,450
2423	6	18,679	3,851	2,085	1,820	7,755	799	1,441	752	2,993	5,277
2424	6	8,076	1,629	885	767	3,281	332	580	307	1,220	2,282
2425	6	20,390	1,973	2,152	3,626	7,752	1,371	2,003	921	4,296	5,760
2426	6	9,441	1,591	977	1,247	3,815	1,102	1,333	564	2,999	2,667
2427	6	3,427	545	286	485	1,316	576	734	409	1,719	968
2428	6	13,087	2,808	1,229	1,643	5,681	2,223	3,877	1,381	7,482	3,697
2429	6	18,381	3,996	987	2,871	7,854	1,227	2,845	987	5,059	5,193
2430	6	12,509	478	640	3,254	4,372	690	735	381	1,807	3,534
2431	6	7,032	290	387	1,795	2,472	693	731	385	1,809	1,987
2432	6	20,811	3,738	688	3,416	7,841	1,045	1,379	1,730	4,154	5,879
2433	6	9,271	307	2,212	1,090	3,609	3,851	5,272	5,230	14,353	2,619
2434	6	4,019	152	930	441	1,522	780	1,066	1,035	2,881	1,135
2435	6	6,535	483	1,027	1,054	2,563	3,230	3,315	2,360	8,905	1,846
2436	6	26,637	5,733	1,734	3,412	10,880	4,662	3,152	1,920	9,734	7,525
2437	6	17,170	3,317	1,212	2,561	7,090	896	1,831	1,483	4,210	4,851
2438	6	9,577	1,832	754	1,343	3,929	683	1,217	934	2,834	2,705
2501	6	11,043	1,760	2,142	684	4,586	1,338	1,525	36	2,899	3,120
2502	6	12,091	2,138	2,650	528	5,316	2,069	1,986	29	4,084	3,416
2503	6	14,314	1,624	2,486	1,467	5,577	1,039	1,478	204	2,721	4,044
2504	6	158	14	36	17	66	4	57	8	69	45
2505	6	14,676	3,044	3,298	580	6,922	1,990	6,469	40	8,500	4,146
2506	6	37,836	8,315	9,863	745	18,923	9,984	35,352	462	45,799	10,689
2507	6	23,257	5,195	6,393	239	11,827	7,598	28,489	434	36,521	6,570
2508	6	16,571	2,482	2,399	2,268	7,149	1,625	3,084	616	5,324	4,681
2509	6	7,677	1,383	1,605	477	3,465	1,144	4,073	242	5,459	2,169
2510	6	10,336	1,687	1,458	1,064	4,210	1,203	1,491	223	2,916	2,920
2511	6	8,859	1,422	1,155	1,010	3,588	1,138	1,470	279	2,887	2,503
2512	6	10,443	1,590	1,266	1,167	4,023	822	1,015	194	2,031	2,950
2513	6	26,548	4,233	3,671	2,651	10,555	3,019	3,499	548	7,066	7,500
2514	6	11,582	2,150	2,446	235	4,832	2,926	3,621	746	7,293	3,272
2515	6	12,741	2,644	3,130	195	5,969	3,042	5,549	624	9,215	3,599
2516	6	7,645	671	1,576	728	2,976	538	3,495	64	4,097	2,160
2517	6	6,269	1,035	1,602	285	2,921	1,132	4,236	66	5,434	1,771
2518	6	6,054	1,012	1,555	267	2,834	854	4,889	74	5,817	1,710
2519	6	6,669	979	1,615	370	2,964	691	4,516	53	5,260	1,884
2520	6	13,822	987	2,358	1,448	4,793	192	994	85	1,271	3,905
2521	6	14,558	1,069	2,470	1,458	4,998	396	2,356	193	2,945	4,113
2522	6	21,645	1,893	3,399	2,446	7,738	416	1,412	251	2,078	6,115
2523	6	19,705	1,857	3,185	2,026	7,068	888	1,917	320	3,125	5,567
2524	6	16,438	1,507	3,192	1,680	6,379	1,407	1,829	90	3,326	4,644
2525	6	9,136	651	1,720	1,179	3,549	948	1,373	120	2,441	2,581
2526	6	6,776	911	1,772	357	3,041	1,265	1,655	78	2,998	1,914
2527	6	27,667	1,449	6,289	2,609	10,347	2,062	3,108	200	5,370	7,816

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2528	6	15,776	1,670	2,605	1,833	6,109	182	1,506	104	1,792	4,457
2529	6	25,118	2,808	4,273	2,662	9,744	754	2,929	172	3,855	7,096
2530	6	15,511	192	3,455	1,843	5,490	4,167	871	71	5,110	4,382
2531	6	9,404	551	2,788	449	3,788	702	1,520	8	2,230	2,657
2601	6	12,963	2,149	1,250	1,740	5,138	1,502	1,528	313	3,343	3,662
2602	6	12,834	2,264	1,670	1,422	5,356	1,749	1,860	256	3,864	3,625
2603	6	11,475	2,109	1,761	1,086	4,956	1,726	1,861	195	3,782	3,242
2604	6	15,815	2,643	1,595	2,074	6,312	1,855	1,585	373	3,812	4,468
2605	6	23,644	3,876	2,146	3,265	9,287	2,636	2,427	587	5,649	6,679
2606	6	9,944	2,314	761	958	4,033	660	620	539	1,820	2,809
2607	6	19,264	4,445	2,862	1,230	8,537	2,456	2,524	692	5,672	5,442
2608	6	14,117	3,278	1,317	1,253	5,848	1,065	948	705	2,718	3,988
2609	6	12,433	1,862	1,344	1,902	5,108	908	1,809	488	3,205	3,512
2610	6	8,131	1,133	679	1,412	3,224	537	1,273	362	2,172	2,297
2611	6	9,352	1,267	695	1,697	3,658	578	1,090	435	2,103	2,642
2612	6	3,581	502	307	615	1,425	248	645	158	1,050	1,012
2613	6	9,106	1,778	1,387	658	3,823	693	1,816	144	2,652	2,573
2614	6	5,416	1,019	659	479	2,156	185	892	103	1,181	1,530
2615	6	15,098	2,848	1,872	1,316	6,036	526	2,676	283	3,485	4,265
2616	6	7,622	1,484	1,145	559	3,188	544	1,548	120	2,213	2,153
2617	6	36,663	6,956	2,743	4,710	14,408	1,111	5,491	1,069	7,672	10,357
2618	6	15,375	2,940	1,278	1,899	6,116	575	2,469	429	3,472	4,343
2619	6	2,753	521	198	358	1,078	73	393	81	547	778
2620	6	43,688	10,264	8,570	629	19,463	2,892	18,079	1,211	22,182	12,342
2701	10	15,433	2,106	3,359	1,138	6,603	1,098	2,740	2,218	6,055	4,360
2702	10	9,178	1,256	1,998	674	3,928	652	1,628	1,313	3,592	2,593
2703	10	15,243	755	3,672	1,575	6,002	485	7,152	782	8,420	4,306
2704	10	13,283	534	3,199	1,448	5,181	328	4,540	539	5,407	3,752
2705	10	31,342	2,664	3,602	5,690	11,957	1,283	14,196	971	16,449	8,854
2706	10	21,582	720	1,407	5,439	7,567	615	7,756	835	9,206	6,097
2707	10	39,268	5,602	10,734	985	17,322	1,589	10,087	6,084	17,761	11,093
2708	10	33,417	4,354	9,301	976	14,630	862	6,320	4,565	11,748	9,440
2709	10	22,294	305	7,420	1,165	8,890	1,353	7,041	796	9,189	6,298
2710	10	7,520	173	2,472	375	3,020	478	2,313	250	3,041	2,124
2711	10	12,322	132	4,118	653	4,903	746	3,904	444	5,094	3,481
2712	10	30,366	5,085	6,391	1,818	13,294	2,456	6,054	2,851	11,361	8,578
2713	10	18,641	3,245	4,003	971	8,218	1,530	3,367	1,454	6,351	5,266
2714	10	10,782	1,605	2,140	884	4,628	723	2,182	1,354	4,259	3,046
2715	10	7,605	1,485	1,583	362	3,431	226	2,347	543	3,116	2,149
2716	10	12,198	2,404	2,573	535	5,512	433	3,888	801	5,123	3,446
2717	10	19,337	511	5,256	1,788	7,555	551	6,623	996	8,169	5,463
2718	10	13,127	138	3,599	1,314	5,052	291	4,389	732	5,413	3,708
2719	10	10,488	110	2,876	1,050	4,036	236	3,536	585	4,357	2,963
2720	10	8,251	89	2,259	828	3,175	114	2,895	411	3,420	2,331
2721	10	10,069	80	2,761	1,024	3,864	134	3,584	508	4,227	2,844
2722	10	6,235	118	1,699	601	2,418	121	2,156	298	2,576	1,761
2723	10	15,652	4,074	1,453	1,603	7,129	114	6,155	373	6,642	4,422
2724	10	20,523	243	4,587	2,860	7,690	1,445	4,784	2,067	8,296	5,798
2725	10	10,638	2,410	1,395	972	4,776	767	2,419	1,086	4,272	3,005
2726	10	8,405	1,904	1,098	771	3,773	605	1,913	861	3,380	2,374
2727	10	3,956	896	520	360	1,775	284	902	403	1,589	1,117
2728	10	5,294	1,200	692	485	2,377	381	1,203	542	2,126	1,495
2729	10	12,531	1,639	2,016	1,512	5,167	1,412	2,586	972	4,969	3,540
2730	10	5,274	614	777	742	2,132	663	937	477	2,076	1,490
2731	10	7,907	919	1,164	1,114	3,196	994	1,409	716	3,119	2,234
2732	10	4,069	474	600	572	1,645	511	727	368	1,605	1,149
2733	10	2,775	323	408	391	1,122	349	494	251	1,094	784
2734	10	11,116	658	2,437	1,283	4,379	137	2,897	1,127	4,162	3,140
2735	10	9,834	460	2,138	1,224	3,822	110	2,752	1,175	4,037	2,778
2736	10	9,216	139	2,246	1,121	3,506	527	2,854	347	3,728	2,603
2737	10	10,254	89	2,499	1,287	3,874	532	2,967	360	3,859	2,897
2738	10	9,386	131	2,287	1,148	3,566	490	2,666	324	3,479	2,651
2739	10	15,340	241	3,738	1,859	5,838	881	4,803	580	6,264	4,334
2740	10	8,853	135	2,157	1,075	3,368	429	2,346	280	3,055	2,501
2741	10	17,943	1,101	5,089	1,155	7,345	601	4,550	2,103	7,253	5,069
2742	10	14,925	956	4,222	944	6,123	510	3,781	1,742	6,033	4,216
2743	10	12,995	800	3,684	835	5,320	441	3,340	1,541	5,322	3,671
2744	10	15,713	1,457	2,593	2,199	6,249	470	4,342	1,599	6,411	4,439
2745	10	6,998	670	1,168	955	2,794	220	1,914	694	2,828	1,977
2746	10	11,827	1,109	1,960	1,640	4,709	356	3,237	1,193	4,786	3,341
2747	10	13,257	2,589	1,779	1,408	5,776	421	3,573	1,443	5,437	3,745
2748	10	14,299	379	4,583	786	5,747	130	5,547	449	6,126	4,039
2749	10	5,944	680	1,590	277	2,547	138	2,112	227	2,477	1,679
2750	10	9,827	1,241	2,601	405	4,248	309	3,565	332	4,206	2,776
2751	10	6,320	776	1,678	271	2,725	178	2,270	222	2,669	1,785

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
2752	10	10,418	1,294	2,092	977	4,363	340	2,765	1,089	4,194	2,943
2753	10	11,992	1,692	2,499	923	5,114	528	3,238	1,028	4,794	3,388
2754	10	7,866	958	1,571	757	3,286	237	2,116	843	3,196	2,222
2755	10	8,532	2,155	1,498	355	4,008	430	2,229	791	3,450	2,410
2756	10	11,255	2,839	1,985	463	5,287	565	3,000	1,032	4,598	3,179
2757	10	8,285	2,093	1,455	345	3,892	418	2,181	768	3,368	2,340
2758	10	9,999	2,217	381	1,663	4,261	271	3,461	600	4,332	2,825
2759	10	8,298	1,842	118	1,541	3,501	194	2,694	556	3,444	2,344
2760	10	11,561	2,513	1,954	762	5,228	591	2,299	1,723	4,613	3,266
2761	10	7,824	1,701	1,351	490	3,542	450	1,490	1,110	3,050	2,210
2762	10	5,081	161	1,322	505	1,988	102	709	1,172	1,982	1,435
2763	10	7,212	218	1,877	722	2,818	143	1,008	1,676	2,827	2,037
2764	10	9,974	301	2,597	999	3,897	197	1,395	2,318	3,910	2,818
2765	10	2,485	78	646	247	972	49	350	574	973	702
2766	10	2,837	88	739	283	1,110	56	395	658	1,109	802
2767	10	1,287	45	334	126	505	26	180	292	498	364
2768	10	6,618	943	1,169	673	2,785	406	1,553	790	2,749	1,870
2769	10	5,244	642	833	672	2,147	274	1,024	792	2,090	1,481
2770	10	5,203	699	881	583	2,164	260	1,175	687	2,123	1,470
2771	10	7,734	1,031	1,303	878	3,212	429	1,753	1,034	3,216	2,185
2772	10	15,246	1,011	2,558	2,326	5,894	563	4,092	1,541	6,196	4,307
2773	10	11,279	753	1,895	1,716	4,363	416	3,031	1,137	4,584	3,186
2774	10	13,094	1,977	2,177	1,381	5,534	359	4,122	859	5,340	3,699
2851	19	2,248	380	418	128	926	303	1,959	585	2,847	635
2852	19	2,075	331	364	118	813	274	198	536	1,008	586
2853	19	5,961	1,573	677	287	2,537	782	645	1,792	3,219	1,684
2854	19	5,365	1,507	717	258	2,482	738	5,148	1,627	7,513	1,516
2855	19	3,175	341	231	302	873	346	512	854	1,713	897
2861	9	17,190	3,046	2,225	540	5,811	1,483	1,441	3,354	6,278	4,856
2862	9	15,422	2,620	1,997	450	5,067	1,267	1,983	2,783	6,033	4,357
2863	9	8,247	1,187	1,069	175	2,431	558	1,463	1,024	3,045	2,330
2864	9	13,822	2,307	1,790	391	4,487	1,049	1,449	2,385	4,884	3,905
2865	9	16,683	2,897	2,160	506	5,564	1,423	1,378	3,124	5,925	4,713
2871	18	8,273	1,459	1,748	1,047	4,254	1,340	4,970	513	6,823	2,337
2872	18	5,341	676	515	812	2,003	415	1,022	148	1,585	1,509
2873	18	3,202	737	571	369	1,678	775	2,359	253	3,386	904
2874	18	9,859	1,713	2,079	1,167	4,959	1,073	5,139	234	6,445	2,785
2875	18	8,231	881	1,413	1,144	3,437	907	2,828	257	3,992	2,325
2876	18	6,180	643	1,050	865	2,557	441	1,735	115	2,291	1,746
2877	18	11,644	2,663	1,966	708	5,337	977	4,402	457	5,835	3,289
2878	18	8,637	996	898	1,258	3,151	476	1,199	315	1,991	2,440
2879	18	11,703	1,477	1,312	1,662	4,452	666	1,642	417	2,724	3,306
2880	18	14,514	2,009	1,761	2,003	5,773	1,010	2,787	567	4,365	4,100
2891	18	5,628	972	621	793	2,386	568	731	495	1,795	1,590
2892	18	4,130	1,090	682	320	2,092	570	588	342	1,500	1,167
2893	18	7,835	1,392	798	986	3,177	2,037	1,171	213	3,421	2,213
2894	18	6,033	868	435	827	2,130	1,504	796	179	2,479	1,704
2895	18	4,408	371	288	954	1,612	506	442	364	1,312	1,245
2896	18	8,660	403	309	2,021	2,733	833	804	772	2,409	2,446
2901	18	2,057	146	122	481	748	45	321	474	840	581
2902	18	1,425	112	93	328	533	34	219	323	576	403
2911	12	31,248	4,255	2,113	978	7,346	2,917	5,797	3,087	11,801	8,828
2912	12	14,292	2,023	910	507	3,440	1,288	2,813	1,448	5,549	4,037
2913	12	47,039	4,301	3,885	629	8,814	3,684	9,228	4,577	17,489	13,288
2914	12	10,848	1,790	1,189	658	3,636	545	1,843	1,097	3,485	3,064
2915	9	35,610	4,319	4,465	1,488	10,271	2,451	11,770	1,812	16,033	10,060
2916	9	23,940	3,220	2,890	1,621	7,731	2,108	3,847	1,284	7,239	6,763
2917	9	63,006	7,363	8,150	1,908	17,421	5,777	12,035	2,688	20,499	17,799
2918	9	7,226	4,086	4,515	1,069	9,670	2,166	7,069	752	9,987	2,041
2919	9	10,152	4,314	4,476	1,468	10,258	2,548	4,493	934	7,976	2,868
2920	9	29,816	4,238	3,715	2,237	10,189	2,558	5,852	1,771	10,181	8,423
2921	9	8,577	2,631	2,405	1,274	6,310	1,266	1,139	700	3,105	2,423
2922	12	21,996	860	1,016	3,820	5,696	1,079	9,364	3,696	14,139	6,214
2923	12	6,119	279	313	845	1,437	262	1,525	866	2,652	1,729
2924	12	9,714	363	446	2,007	2,816	574	2,576	1,667	4,816	2,744
2925	12	6,932	340	370	751	1,461	403	2,263	940	3,606	1,958
2926	12	58,138	11,799	6,219	4,575	22,593	2,838	13,440	8,288	24,566	16,424
2927	12	22,530	5,651	3,720	1,585	10,956	1,791	17,480	3,918	23,189	6,365
2928	12	17,696	1,461	2,126	1,721	5,308	657	1,942	2,809	5,409	4,999
2929	12	10,229	1,703	1,099	758	3,560	396	2,414	1,227	4,037	2,890
2930	13	13,705	5,816	2,777	1,359	9,951	12,731	4,388	4,319	21,439	3,872
2931	12	26,690	10,186	8,697	1,858	20,741	23,123	10,808	4,827	38,758	7,540
2932	12	39,955	5,425	3,888	1,927	11,240	1,711	10,919	4,379	17,009	11,287
2933	13	3,860	3,539	1,571	400	5,509	6,226	3,091	1,971	11,289	1,090
2934	12	5,683	800	571	287	1,657	305	1,962	663	2,930	1,605
2935	13	40,114	4,736	2,551	1,980	9,267	5,929	9,955	8,032	23,916	11,332
2936	12	17,223	1,181	1,522	1,435	4,138	689	5,262	2,032	7,982	4,866
2937	12	54,326	3,848	4,773	3,914	12,535	2,676	16,183	6,265	25,124	15,347
2938	12	11,248	823	1,000	752	2,576	604	3,233	1,368	5,205	3,177
2939	12	9,852	506	1,244	1,066	2,816	444	1,868	1,509	3,821	2,783
2940	12	20,797	1,426	2,254	1,209	4,889	696	8,509	2,876	12,081	5,875
2941	9	7,284	1,211	874	99	2,184	395	547	560	1,501	2,058
2942	9	22,877	3,956	3,106	2,510	9,573	2,112	3,645	1,735	7,492	6,463
2943	13	55,011	7,392	4,820	3,816	16,028	6,916	6,095	10,060	23,071	15,541
2944	13	49,690	6,558	4,261	3,355	14,174	8,963	4,412	10,222	23,597	14,037
2945	13	9,238	1,263	587	182	2,032	2,922	946	1,939	5,806	2,610
2946	12	8,649	2,698	2,452	1,006	6,157	831	1,827	1,270	3,928	2,443
2947	12	6,812	1,724	1,619	419	3,762	750	7,703	1,258	9,711	1,924
2948	12	21,445	4,757	4,360	1,617	10,735	1,641	17,865	3,679	23,186	6,058
2949	12	6,165	793	680	476	1,949	180	2,374	1,099	3,653	1,742
2991	10	12,905	1,868	2,886	799	5,553	1,988	6,816	1,448	10,252	3,646
2992	10	22,388	3,660	5,220	1,135	10,015	2,499	8,167	1,471	12,137	6,325
2993	10	24,511	3,942	6,474	2,070	12,486	2,901	13,031	2,682	18,614	6,924
2994	10	22,763	4,437	5,300	351	10,087	2,932	6,664	455	10,051	6,430
2995	10	28,201	4,506	6,494	1,463	12,464	2,806	8,104	1,506	12,417	7,967
2996	10	6,655	611	1,247	563	2,421	811	2,866	730	4,407	1,880
2997	10	27,515	3,586	5,857	1,851	11,294	2,895	10,082	2,109	15,086	7,773
2998	10	24,301	3,454	5,944	1,651	11,049	2,115	11,973	1,338	15,426	6,865
2999	10	37,911	4,993	9,976	3,479	18,448	3,772	17,947	2,616	24,335	10,710
3000	10	22,301	3,698	5,259	896	9,852	2,032	10,578	768	13,377	6,300
3001	10	5,309	1,096	1,262	32	2,390	637	1,256	23	1,916	1,500
3002	10	8,102	1,287	1,785	276	3,349	726	3,156	225	4,107	2,289
3003	10	53,233	6,942	13,596	4,621	25,159	5,782	32,794	4,480	43,056	15,038
3004	10	27,423	3,459	6,854	2,365	12,679	2,599	14,524	1,993	19,116	7,747
3005	10	3,730	605	841	175	1,620	426	1,725	373	2,524	1,054
3006	10	12,254	2,362	2,893	272	5,528	1,433	4,554	1,311	7,298	3,462
3007	10	12,848	2,218	2,972	524	5,714	1,002	4,554	898	6,455	3,630
3008	10	12,863	2,058	2,839	572	5,469	1,203	5,128	1,294	7,625	3,634
3009	10	14,675	2,684	3,362	388	6,434	1,462	4,721	921	7,103	4,146
3010	10	732	141	169	12	322	33	560	25	619	207
3011	10	10,015	1,787	2,336	361	4,484	733	2,672	713	4,118	2,829
3012	10	8,127	1,441	2,027	441	3,909	556	2,821	793	4,169	2,296
3013	10	11,626	1,980	2,496	303	4,778	1,046	3,356	647	5,049	3,284
3014	10	8,598	1,546	1,927	214	3,686	468	2,377	410	3,255	2,429
3015	10	4,015	702	942	166	1,811	386	1,631	356	2,372	1,134
3016	10	4,269	931	1,038	-	1,968	484	1,669	5	2,158	1,206
3017	10	4,516	789	1,004	131	1,923	258	1,223	264	1,745	1,276
3018	10	2,265	469	537	15	1,021	463	1,447	32	1,942	640
3019	10	3,312	564	814	195	1,573	271	1,507	417	2,194	936
3020	10	3,457	591	775	122	1,488	400	1,535	261	2,197	977
3021	10	1,483	221	306	62	589	114	503	133	751	419
3022	10	34,077	4,896	6,939	1,554	13,388	2,558	12,689	3,314	18,561	9,627
3023	10	15,659	3,096	3,631	188	6,914	1,438	3,667	344	5,449	4,424
3024	10	18,666	3,154	4,472	1,004	8,630	1,295	6,714	1,588	9,596	5,273
3025	10	32,219	5,409	7,400	1,437	14,247	2,829	15,781	3,589	22,199	9,102
3026	10	21,346	2,959	3,176	2,532	8,668	1,289	9,827	1,296	12,413	6,030
3027	10	16,423	2,896	3,186	870	6,952	1,160	8,149	469	9,778	4,639
3071	6	66,926	4,496	13,111	8,694	26,301	8,991	16,252	199	25,443	18,907
3072	6	16,239	1,445	3,244	1,650	6,339	1,565	6,636	38	8,239	4,588
3073	6	7,816	1,145	1,922	542	3,610	720	6,597	13	7,329	2,208
3074	6	6,756	341	1,405	1,145	2,891	885	1,197	26	2,109	1,909
3075	6	9,478	1,733	2,105	629	4,467	2,108	1,855	5	3,968	2,677
3076	6	10,291	1,992	2,458	503	4,953	1,654	5,307	4	6,965	2,907
3077	6	15,457	2,855	3,446	1,172	7,474	3,772	2,859	10	6,641	4,367
3078	6	24,647	4,667	5,731	1,342	11,740	5,995	4,556	11	10,562	6,963
3079	6	6,452	1,058	1,249	600	2,907	1,109	1,513	5	2,627	1,823
3080	6	940	944	1,178	165	2,287	153	3,011	1	3,165	266
3081	6	12,892	2,472	3,036	708	6,216	2,244	4,286	6	6,536	3,642
3082	6	12,242	2,498	3,144	277	5,920	3,712	4,274	2	7,988	3,458
3083	6	3,706	712	874	208	1,794	1,605	2,142	2	3,749	1,047
3084	6	12,164	2,375	2,966	395	5,735	3,904	4,158	3	8,065	3,436
3085	6	16,812	3,866	4,370	383	8,619	4,981	5,725	105	10,811	4,749
3101	15	17,334	12,822	12,398	4,939	30,160	22,560	23,775	2,368	48,703	4,897
3102	15	54,288	5,281	4,185	2,296	11,762	10,810	11,160	3,265	25,235	15,336
3103	15	4,880	1,277	1,031	550	2,858	1,607	3,541	440	5,588	1,379
3104	15	911	321	223	149	693	161	178	77	416	257
3105	15	5,709	3,018	2,546	1,268	6,832	6,777	665	580	8,022	1,613
3106	15	19,377	8,545	7,617	3,475	19,638	14,031	16,178	1,985	32,193	5,474
3107	15	11,268	1,751	1,146	830	3,727	1,339	1,627	689	3,655	3,183
3108	15	2,30,230	13,941	14,491	6,815	35,248	32,962	51,120	12,660	96,742	65,040

TAZ_1810	Cluster	Pop_41	RW_Off_41	RW_IND_41	RW_OTH_41	RW_Total_41	Emp_OFF_41	Emp_IND_41	Emp_OTH_41	Total Emp_41	Res. Stud._41
3109	15	39,742	2,418	2,500	1,129	6,047	2,754	8,113	2,058	12,925	11,227
3121	9	4,423	690	561	112	1,364	306	487	483	1,276	1,249
3122	17	1,31,424	11,715	31,292	9,410	52,417	2,736	37,895	17,505	58,135	37,127
3123	16	99,465	8,613	17,851	8,060	34,524	5,890	87,918	49,027	1,42,835	28,099
3124	17	87,890	12,497	10,994	13,933	37,424	6,590	26,240	9,088	41,918	24,829
3125	17	97,685	11,350	6,340	2,513	20,204	2,953	57,113	9,950	70,016	27,596
3126	18	19,546	1,307	3,952	2,733	7,992	4,651	6,097	111	10,859	5,522
3127	18	26,930	2,427	3,814	3,774	10,015	361	1,850	3,578	5,789	7,608
3128	18	33,233	4,997	5,862	3,842	14,701	3,574	7,496	2,581	13,651	9,388
3129	18	27,683	3,597	4,450	3,221	11,268	2,550	5,050	2,177	9,778	7,820
3130	18	709	297	235	38	570	191	234	10	435	200
3131	18	895	499	391	-	890	1,518	3,098	-	4,616	253
3132	18	45,531	9,012	8,488	2,652	20,152	7,695	11,675	1,705	21,074	12,862
3133	18	106	59	46	-	105	46	69	-	116	30
3134	19	1,43,140	24,664	23,153	7,304	55,121	14,366	24,131	21,578	60,075	40,437
3135	18	7,770	2,716	2,202	436	5,354	1,228	8,428	172	9,828	2,195
3136	18	7,726	1,273	1,143	872	3,288	653	1,521	623	2,797	2,183
3137	18	93,951	7,464	6,907	6,314	20,685	15,052	2,188	7,721	24,961	26,541

Annexure 8-1

Insights to Air Travel Related Aspects: CTS for MMR Study 2005-08

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1.1 Background

Greater Mumbai hosts the busiest airport of India. Mumbai Airport is situated in the northern part of the city. Chhatrapati Shivaji International Airport is the major gateway to the international traffic from/to India. The airport is widely connected to the rest of India and major cities across the world. International and domestic airport terminals in Greater Mumbai are located in the very heart of the city. Terminal 1 is for domestic operations and Terminal 2 is for international operations. Both the terminals are situated about four km. apart. Terminal 1 has two distinct terminal facilities viz. Terminal 1-A and Terminal 1-B which are situated approximately 750 m from each other. Both the terminals are well connected by major modes i.e. rail and bus and intermediate mode of transport.

Assessment of terminal expansion requirement or necessity of additional airport terminals needs fair analysis of inter-city airport passenger travel forecast for the horizon years. In the context of the study, the major objective of the study is to assess the transport network requirements for the MMR for the horizon period up to 2031. The decisions made from assessment of inter-city airport passenger travel forecast for the horizon period with respect to terminal expansion requirement or necessity of additional airport terminals will have lot of impact on groundside travel needs of air passengers for road and public transport. The transport requirement is to provide a fast and safe connectivity between the existing and proposed new airport. In the study, the airport terminal surveys included:

(a) Collection of secondary data on hourly variation of air passengers at departure terminals, daily variation, monthly variation, etc. for the year 2005 from AAI for identifying the sample size and organization of survey logistics;
(b) Air passenger survey at departure terminals on typical working day for 24 hours; and
(c) Classified volume count survey on all access roads to the departure terminals for 24 hours during air passenger survey.

1.2 Review of Secondary Data

AAI's website encapsulates a host of information related to the operations of Indian airports which includes air passengers and cargo. The information/data excerpted the relevant information of both Chhatrapati International and Domestic Airports from www.airportsindia.org.in. In addition, secondary information was also collected from AAI's office in Greater Mumbai related to hourly variation of arrival and departure of air passengers on a typical day for the year 2004-05 both for International and Domestic airports. The collected secondary information was analysed for arriving at sample size to be achieved and organisation of survey logistics. Brief description on the analysis of secondary data is presented in the following sections. The peak hour passenger handling capacity of the respective terminals is presented in Table 1, which highlights that the Domestic terminal usage is more pronounced, as compared to the International Terminals.

Past Trends of annual disembarked passengers of Domestic Terminals, International terminals and Combined Domestic and International terminals are presented in Figure 1, Figure 2 and Figure 3 respectively. In continuation to this past trend of annual total number of flight operations at Domestic Terminals, International terminals and Combined Domestic and International terminals are presented in Figure 4, Figure 5 and Figure 6 respectively. It is pertinent to mention here that, the secondary data collected for the period 1991-92 to 2003-04 from www.airportsindia.org.in is regressed for forecasting the annual disembarked passengers and total number of flight operations for both domestic and international airport terminals for the years 2004-05 and 2005-06. On an average, daily disembarked passengers at Domestic and International terminals are 11,900 and 8,000 respectively (considering 330 days per year). On an average, daily total numbers of flight operations at Domestic and International terminals are 310 and 120 respectively (considering 330 days per year).

Table 1: Peak Hour Passenger Handling Capacity of the Terminals

Annual Capacity	Terminal (Million)	Peak Hour Handling Capacity		
		Arrival	Departure	Transit
Chhatrapati Shivaji International Airport				
Terminal 2-A	2.5	750	750	400
Terminal 2-C	3.0	900	900	600
Chhatrapati Shivaji Domestic Airport				
Terminal 1-A	6.0	1300	1300	-
Terminal 1-B	4.0	900	900	-

Source: www.airportsindia.org.in

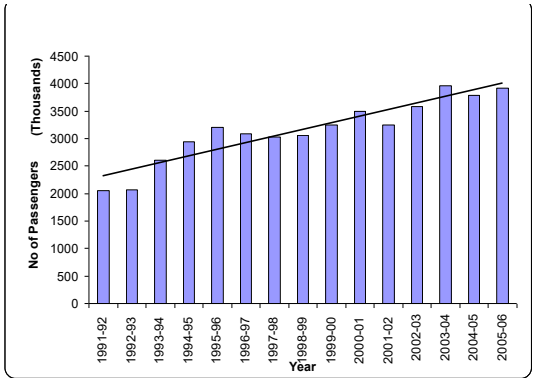

Figure 1: Past Trends of Annual Disembarked Passengers Domestic Terminals

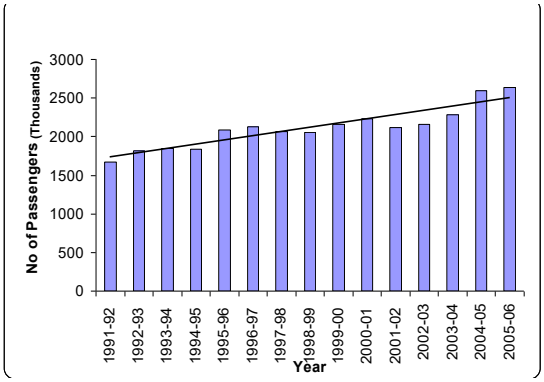

Figure 2: Disembarked Passengers International Terminals

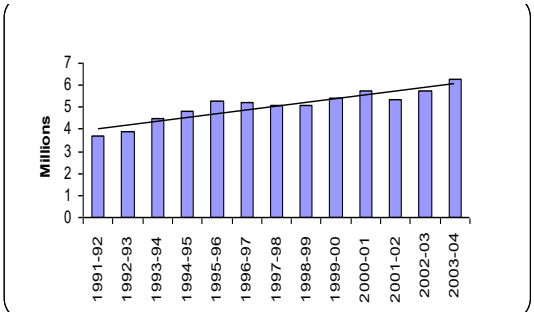

Figure 3: Disembarked Passenger Domestic & International

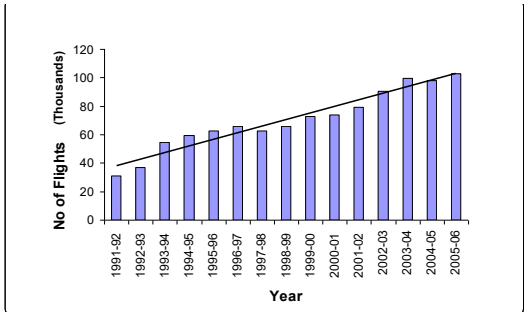

Figure 4: Total Flights Domestic Terminal

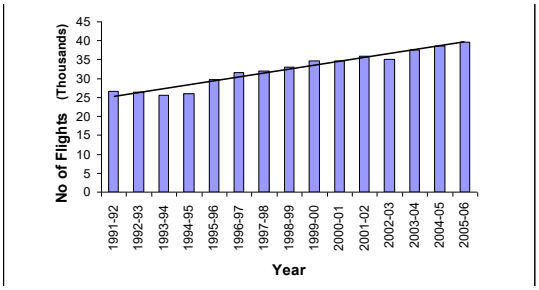

Figure 5: Total Flights International Terminal

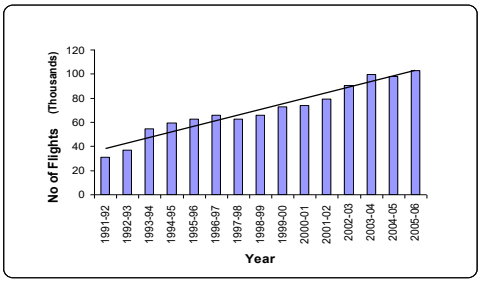

Figure 6: Total Flights Domestic & International Terminals

Based on the secondary data obtained from the AAI, the hourly variation of passenger departures on a typical day for the year 2004-05 at domestic terminals is presented in Figure 7 and Figure 8 respectively, while the same for the International Terminals is presented in Figure 9 and Figure 10 respectively. Similarly, hourly variation of passenger departures for all the terminals of both Domestic and

International airports is presented in Figure 11. It is observed, that the peak hour load is around 1,888 and 995 passengers at Domestic and International terminals, respectively.

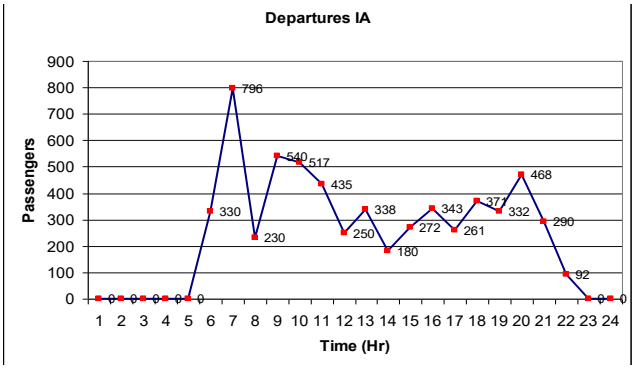

Figure 7: Hourly Variation of Passengers at Departure Terminal 1A

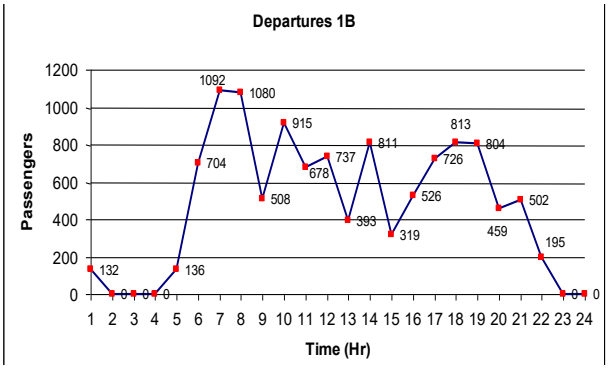

Figure 8: Hourly Variations of Passengers at Departure Terminal 1B

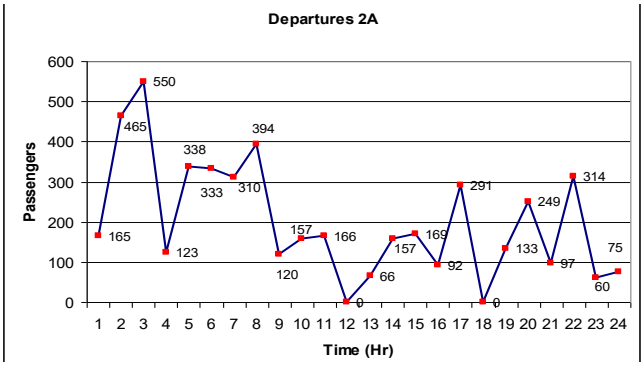

Figure 9: Hourly Variations of Passengers at Departure Terminal 2A

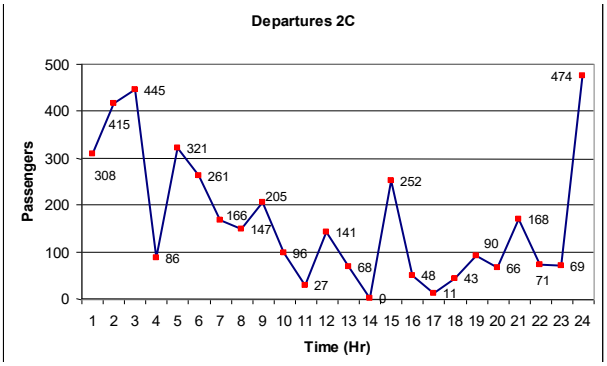

Figure 10: Hourly Variations of Passengers at Departure Terminal 2C

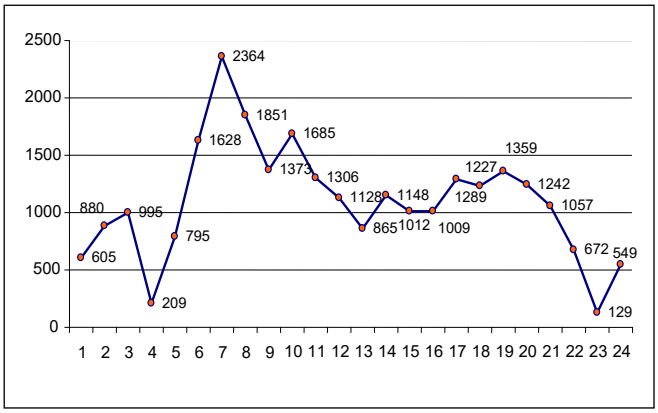

Figure 11: Hourly Variations of Passengers at Departure of Domestic & International Terminal

1.3 Sample Size- Targeted and Achieved

Terminal wise daily boarding passenger details for the year 2004-05 was also collected from AAI and updated for the year 2005-06 considering 20% annual increase in air passenger demand. As per the international experience, the sample size for organising air passenger surveys varies between 4 to 5%. The achieved sample at Chhatrapati Domestic and Chhatrapati International airports was 5.36% and 7.03% respectively

which was higher than the 5% targeted sample. However, the achieved sample size at terminal 1B of Domestic terminal and Terminal 2A of International terminal was 4.96% and 4.03% respectively which is within acceptable range of 4 to 5% (Table 2).

Table 2: Sample Size Targeted and Sample Size Achieved

Terminal	Daily Boarding Passengers (2005-06)	Sample size @ 5%	Sample Size Covered	Sample size achieved (%)
Chhtrapati Shivaji International Airport				
Terminal 2A	6,746	337	513	7.60
Terminal 2C	4,560	228	296	6.49
Total	11,306	565	809	7.16
Chhtrapati Shivaji Domestic Airport				
Terminal 1A	6,083	304	444	7.30
Terminal 1B	12,599	628	686	5.46
Total	18,642	1,055	1,130	6.06

1.4 Classified Volume Count Survey:

In continuation to the airport terminal user survey, it was considered important to carry out a classified traffic volume count survey on the immediate access roads to the departure terminals, to establish the demand and pattern of traffic approaching the departure terminals. The International airport is connected by a 4 lane divided two-way road to the near by Mathurdas Vasanji Road (Ghatkopar-Andheri Road) which connects Andheri and Ghatkopar/Kurla areas. This route is used by the air passengers from and around the Mumbai city to reach the international airport. The Domestic airport is connected to the western expressway by a two-lane two-way road. Classified traffic volume count for 24 hours was carried out on the access roads of both International and Domestic airport terminals, during the same period when airport terminal passenger surveys were being undertaken.

Traffic volume crossing at each of the survey locations was captured in 3 shifts of 8 hour each for 24 hours. It was conducted using adequate (12 to18 persons per shift) number of enumerators accompanied by a reliever. Exact locations of the classified volume count locations corresponding to International and Domestic airport departure terminals are shown in Figure 12 and Figure 13 respectively. A total of four locations were identified to conduct the volume count, one at the International airport and three at the Domestic airport, as follows:

(a) To capture the traffic approaching the international airport, the location was established on the access road which connects the airport with the Andheri-Kurla road.

(b) At the domestic airport, which is located at a distance of 750m from Western Expressway in the eastern part of Santa Cruz, three locations were established to capture the traffic.

  i) at the ramp of Terminal 1A

  ii) at Terminal 1A

  iii) at Terminal 1B

Among the above three locations for the domestic airport, terminal 1A ramp and terminal 1B are meant for departing flights, where as the terminal 1A serves arriving flights.

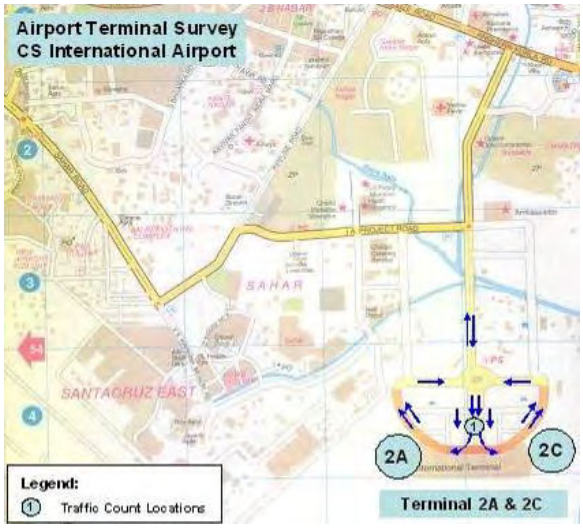

Figure 12: Traffic Volume Count Locations: International Airport

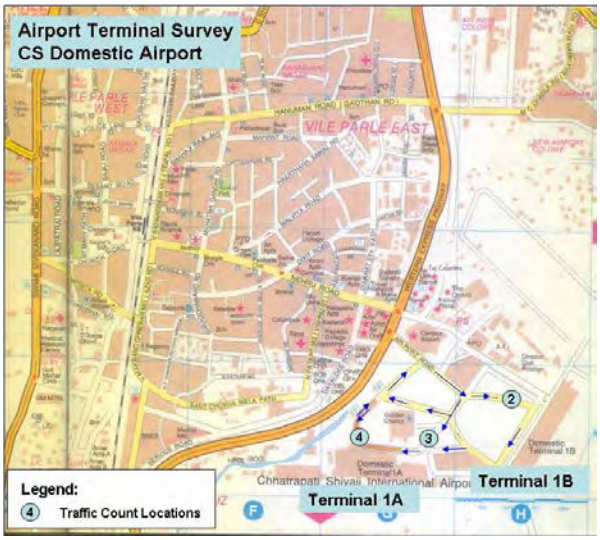

Figure 13: Traffic Volume Count Locations: Domestic Airport

1.5 Data Analysis- Chhatrapati Shivaji Domestic Airport

Transit Passengers: The transit part of the travel indicates the interchange movement of the passengers to and from another terminal. It is observed that 42% of the air passengers are in transit, which is significantly high and appraises the need for inter-terminal connectivity.

Travel Pattern: Ground movement of air passenger travel pattern is presented in Figure 14. The following inference has been made based on the keen observation of the travel pattern. Majority of the trips originate within Greater Mumbai with the contribution being approximately 85%. Proportion of trips originating external to the study area is 4% which is insignificant. These figures indicate that, well developed airport terminal facilities are available in the neighbouring cities like Pune, Ahmedabad, Goa, Nashik, etc. for domestic travel.

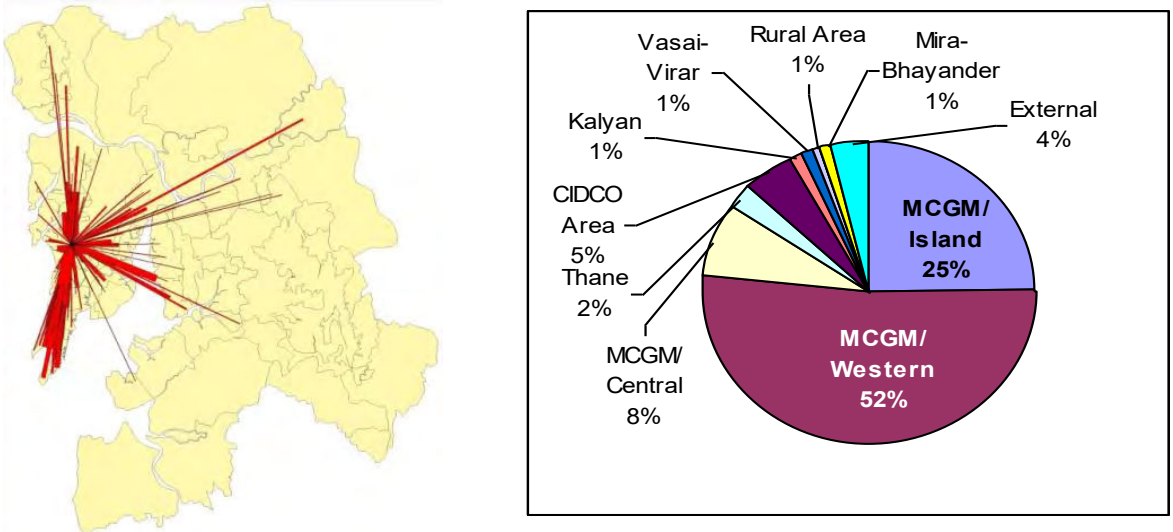

Figure 14: Ground Movement of Air Passenger Travel Pattern: Domestic Airport

Occupation: In the case of transit passengers 40% have been reported as Professionals followed by 31% as businessmen. In case of non-transit passengers, corresponding values are 22% and 25% respectively. Passengers in administrative field are high in case of non-transit passenger as compared to transit passengers, which is general phenomena.

Mode Choice: Car is the most preferred mode for access to the terminal which is 35% followed by Taxi at 34% and thereafter 19% by Auto. Access by bus and other modes is insignificant (1% and 2% respectively).

Travel Time: The passengers travelling by different modes revealed that the travel time to reach the airport terminal varied across the sample achieved. Nearly 39% of the trips have less than 30 minutes travel time and 37% of the trips have 30 to 60 minutes travel time. As most of the trips originate within Greater Mumbai, most of the trips (76%) have less than 1 hour travel time.

Travel Cost: Nearly 28% of the trips fall in the travel cost range of INR 100-200 followed by almost same proportion of about 21% in the cost range <50, 50-100 and 200-500. There is conspicuous high proportion of trips in low fare range observed at Domestic airport. This indicates that, the average trip length is less and the present airport location is geographically centrally located in the Greater Mumbai (major catchment area) with well distributed air traffic generators like hotels, business centres, commercial centres, etc. within the Greater Mumbai area.

Frequency of Travel: The frequency of travel of the air passengers, in both transit and the non transit category, show the dominance of less frequently travelled trips.

Purpose of Travel: Most of the transit passengers are observed to be performing personal trips (33%) followed by official purpose (21%) while the non-transit passengers perform more business purpose trips (28%) than Official trips (23%).

Monthly Income Profile of Passengers**:** Among transit passengers, approximately 25% are observed to be falling in the monthly income range of INR10,000 to INR20,000, followed by 17% in the monthly income range INR 30,000 to INR40,000. Among non-transit passengers, approximately 20% fall in the monthly income range of INR10,000 to INR20,000 followed by 17% each in the range INR20,000 to INR30,000 and INR 40,000 to INR50,000, respectively.

Waiting Time: In the case of non transit passengers, percentage of them waiting for less than 30 minutes is 39% followed by 30 to 60 minutes waiting for 26% of passengers. In case of transit passengers, the waiting time > 3-hr is 27% followed by 1 to 2 hr for 23% of the passengers. The waiting time by transit passengers as compared to non-transit passengers is high mainly due to less frequency of international flights.

Opinion on MRTS Network: Approximately 84% of the passengers responded positively for having a metro connectivity to the airport. Only 16% responded “No” to metro usage as access mode to airport terminal

Qualitative Opinion **on Terminal Facilities:** Opinion on various facilities were rated as follows:

- “Good” ranged from 44% (Amenities) to 56% (Parking facilities),
- “Fair” ranged from 29% (Access) to 46% (Transit Travel),
- “Poor” ranged from 15% (Amenities, Communication) to 9% (Parking).

Volume on Access Road to Domestic Airport Departure Terminals (Terminal 1A Ramp, Terminal 1B): As already discussed earlier, there are two access roads leading to departure terminal at Domestic Airport. For the analysis purpose, traffic volume observed on these access roads was combined. Traffic volume during different peak/ off-peak periods is presented in Table 3. Proportion of motorised-passenger vehicles, motorised-goods vehicles and non-motorised traffic is presented in Table 4. Traffic composition of passenger vehicles is presented in Table 5.

Table 3: Traffic Volume during Different Peak/ Off-Peak Periods Domestic Airport: Terminal 1A Ramp & Terminal 1B

Time	Traffic Volume		%	
	Vehicles	PCU	Vehicles	PCU
6:00-11:00	3,961	3,437	18.74	17.82
11:00-17:00	5,035	4,616	23.83	23.93
17:00-23:00	8,644	8,012	40.90	41.53
23:00-6:00	3,493	3,225	16.53	16.72
Total	**21,133**	**19,290**	**100.00**	**100.00**

Table 4: Motorised Passenger, Goods and Non-Motorised Traffic Volume during Different Peak/ Off-Peak Periods

Time	Motorised Passenger	Motorised Goods	Non-Motorised	Total
6:00-11:00	3,926	35	0	3,961
11:00-17:00	4,994	30	11	5,035
17:00-23:00	8,589	45	10	8,644
23:00-6:00	3,393	99	1	3,493
Total	20,902	209	22	21,133
Split	**98.91%**	**0.99%**	**0.10%**	**100.00%**

Note: Motorised Goods vehicles and Non-motorised traffic is the vehicles used by maintenance staff of AAI

Table 5: Traffic Composition of Passenger Vehicles Domestic Airport: Terminal 1A Ramp & Terminal 1B

Mode	Daily Traffic Volume	Composition
Auto	5,932	28.38
Taxi	5,489	26.26
Car/ Jeep	7,326	35.05
2 Wheelers	1,857	8.88
Other Bus	298	1.43
BEST Bus	0	0.00
Total	**20,902**	**100.00**

Based on the detailed analysis of the traffic volume count data, the following inferences are made:

(a) Total daily traffic accessing the departure terminals is approximately 21,100 vehicles (19,300 PCUs);

(b) Proportion of traffic during the different peak/ off-peak periods, 6:00 to 11:00 hrs, 11:00 to 17:00 hrs, 17:00 to 23:00 hrs and 23:00 to 6:00 hrs, accessing the departure terminals is 18%, 24%, 41% and 17% respectively;

(c) Morning peak hour and morning peak hour traffic volume is 07:00 to 08:00 hrs and 960 vehicles (PCUs) respectively;

(d) Evening peak hour and evening peak hour traffic volume is 21:00 to 22:00 hrs and 1760 vehicles (PCUs) respectively; and

(e) Traffic composition (considering only motorised passenger vehicles) of hired vehicles or IPT (Taxi and Auto) and Private vehicles (Cars, Two wheelers, Other Buses) is 54.64% and 45.36% respectively.

1.6 Data Analysis- Chhatrapati Shivaji International Airport

Transit Passengers: It is observed that 36% of the air passengers are in transit, which is lower than transit passengers proportion observed at domestic terminals (42%).

Travel Pattern: Majority of the trips originate within the Greater Mumbai and the contribution is approximately 80% (Ref. Figure 15). Proportion of trips originating external to the study area is 10% which is quite significant as compared to the domestic airport.

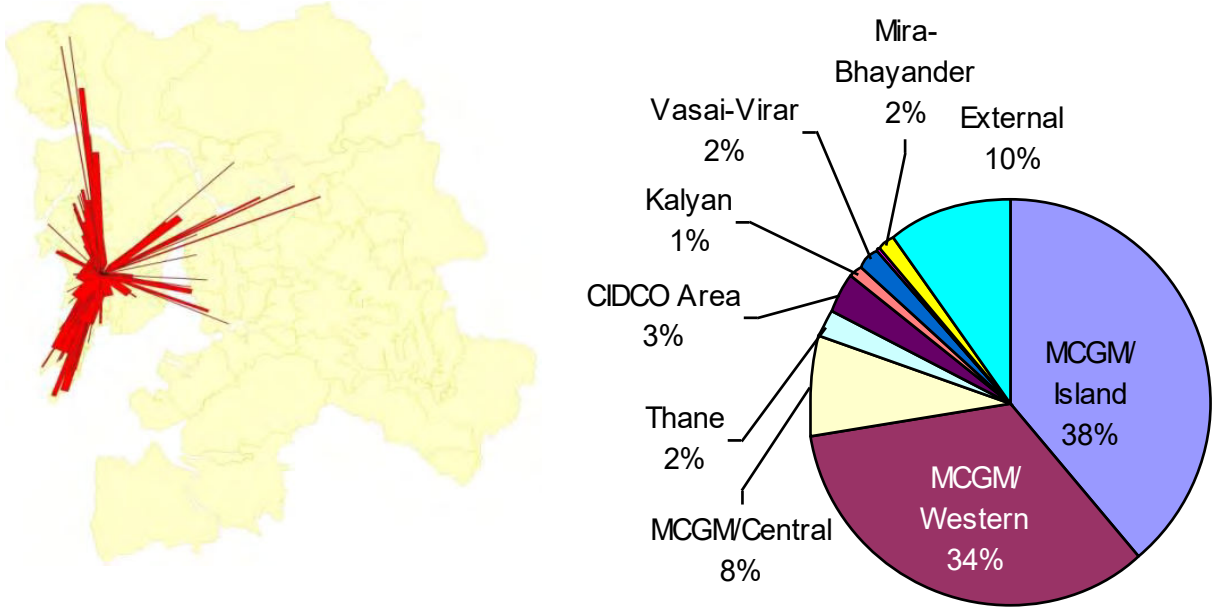

Figure 15: Ground Movement of Air Passenger Travel Pattern: International Airport

Occupation: In the case of transit passengers, 29% of the passengers reported to be Professionals followed by 20% who stated themselves to be Businessmen. In case of non-transit passengers, corresponding values were 21% and 16% respectively. The proportion of "Others" category was 36% and 52% respectively in case of transit and non-transit passengers which is high, as most of the air passengers have reported varied jobs and individually the proportion is less and when grouped the proportion is high.

Choice: Taxi (Yellow and A/C) is observed to be the most preferred mode for access to the terminal at 50% followed by personal car at 23% and 15% by Auto. Access by bus and other modes is insignificant (5% and 7% respectively).

Travel Time: The passengers travelling by different modes revealed that the travel time to reach the airport terminal varied across the sample achieved. Nearly 32% of the trips have less than 30 min travel time and 37% of the trips have 30 to 60 min travel time. As most of the trips originated within Greater Mumbai, most of the trips (69%) have less than 1 hour travel time.

Travel Cost: About 34% of the trips fall in the travel cost range of INR 200-500 followed by about 20% in the cost range <50 and 100-200. High proportion of trips originate from zones located in the Island City, which could be the probable reason for relatively larger proportion of trips falling in the high fare range of INR200 to INR 500. The average trip length of International air passengers could be high as compared to the Domestic air passengers.

Purpose of Travel: The purpose of travel of both transit and the non transit passenger category is dominated by official trips (32% and 28% respectively) followed by Business trips (24% and 21% respectively).

Monthly Income Levels: The Income levels of air passengers of both transit and non transit category reflect that, in transit passengers approximately 26% fall in the monthly income range of less than INR 10,000 followed by 21% in the range of INR 10,000 to INR 20,000 and 20% in the range of INR 20,000 to INR 30,000. In non-transit passengers, approximately 26% fall in the monthly income range of INR 10,000 to INR 20,000 followed by 23% in the range < INR 10,000.

Waiting Time: In the case of non transit passengers, waiting time is less than 30 minutes for 50% of passengers followed by 60 to 120 minutes for 15% of them. In case of transit passengers however, the waiting time for 35% is <30 minutes followed by > 3-hr for 26% and between 1 to 2 hr for 15%. The waiting time of transit passengers as compared to non transit passengers is high, mainly due to less frequency of international flights.

Opinion on MRTS: Approximately 84% responded positively for metro use and only 16% responded "No" to metro usage as access mode to airport terminal. The response is almost similar to what has been observed at Domestic airport terminals.

Qualitative Opinion on Terminal Facilities: Qualitative opinion of air passengers on terminal facilities indicated that the opinion on various facilities rated as "Good" ranged from 60% (transit travel) to 77% (communication facilities), as "Fair" ranged between 18% (Communication) and 30% (transit travel) and as "Poor" ranged from 3% (access) to 15% (parking).

Traffic Volume on Access Road to International Airport Departure Terminals: Traffic volume on the access road to the international airport, during different peak/ off-peak periods is presented in Table 6. Proportion of motorised-passenger vehicles, motorised-goods vehicles and non-motorised traffic is presented in Table 7. Traffic composition of passenger vehicles is presented in Table 8.

Table 6: Traffic Volume during Different Peak/ Off-Peak Periods International Airport: Terminal 2A & 2C

Time	Traffic Volume		%	
	Vehicles	PCU	Vehicles	PCU
6:00-11:00	1,798	1,716	16.86	16.92
11:00-17:00	1,987	1,834	18.63	18.08
17:00-23:00	2,895	2,782	27.15	27.41
23:00-6:00	3,984	3,814	37.36	37.59
Total	**10,664**	**10,146**	**100.00**	**100.00**

Table 7: Motorised Passenger, Goods and Non-Motorised Traffic Volume During Different Peak/ Off-Peak Periods

Time	Motorised Passenger	Motorised Goods	Non-Motorised	Total
6:00-11:00	1,797	1	0	1,798
11:00-17:00	1,976	11	0	1,987
17:00-23:00	2,854	33	8	2,895
23:00-6:00	3,961	23	0	3,984
Total	10,588	68	8	10,664
Split	99.29%	0.64%	0.08%	100.00%

Note: Motorised Goods vehicles and Non-motorised vehicles are used by maintenance staff of AAI

Table 8: Traffic Composition of Passenger Vehicles International Airport: Terminal 2A & 2C

Mode	Daily Traffic Volume	Composition (%)
Auto	3,377	31.89
Taxi	2,838	26.80
Car/ Jeep	3,735	35.28
2 Wheelers	341	3.22
Other Bus	246	2.32
BEST Bus	51	0.48
Total	**10,588**	**100.00**

Based on the detailed analysis of the traffic volume data the following inferences are made:

(a) Total daily traffic accessing the departure terminals is approximately 10,664 vehicles (10,146 PCUs);
(b) Proportion of traffic during the different peak/ off-peak periods, 6:00 to 11:00 hrs, 11:00 to 17:00 hrs, 17:00 to 23:00 hrs and 23:00 to 6:00 hrs accessing the departure terminals is 17%, 18%, 27% and 38% respectively;
(c) Morning peak hour and morning peak hour traffic volume is 06:00 to 07:00 hrs and 589 vehicles (PCUs) respectively;
(d) Evening peak hour and evening peak hour traffic volume is 22:00 to 23:00 hrs and 861 vehicles (PCUs) respectively; and
(e) Traffic composition (considering only motorised passenger vehicles) of hired vehicles or IPT (Taxi and Auto), Private vehicles (cars, two wheelers, other buses), Public transport system (BEST Bus) is 58.70%, 40.82% and 0.48% respectively.

Annexure 8-2

Travel Demand Assessment due to NMIA, Regional and Local Transport Connectivity Plan for NMIA 2011-12

1.1 Background

In CTS, assessment of internal passenger travel demand for the horizon period was carried out using travel demand models[1]. Although CTS models did not consider the travel demand due to special generators like airports, hotels, inter-city bus terminals, rail terminals etc. explicitly, they have been calibrated and validated using the ground counts (which includes all kinds of traffic). Generally, the travel demand due to special generators would be insignificant compared to the internal travel demand. It is expected that, about 0.45 million trips/day will be generated from the proposed NMIA due to air passengers (estimated based on 60 MPPA by 2031), airport related employment and non-airport related employment (assessed in the present study). The details are presented in the following sections. During morning peak period (6:00 to 11:00 hrs) this translates to about 0.15 million trips. The internal passenger travel demand estimated for the horizon year 2031 during the morning peak period (MPP) is about 10.08 million. The generated passenger trips during MPP in the year 2031 is about 1.5% of the total internal passenger travel demand. However, in the present study, an attempt is made for assessment of travel demand that is generated due to the proposed NMIA for following reasons:

- air passenger movement,
- airport related employment and
- non - airport related employment.

In addition, the mode-choice of the air passengers would be very different from those of others. Attempt also has been made with respect to assessment of mode choice of the air passengers. The approach adopted for this is as follows:

- Assessment of the air passenger trips based on LBG study on Master Plan for NMIA and distribution of the trips at cluster level and then at TAZ level including by mode based on the population, employment distributions, travel patterns of air passengers observed in the year 2006;
- Assessment of the airport employment and airport related employment separately;
- Estimation of the trip productions and attractions due to airport employment and airport related employment using trip generation equations developed in CTS for MMR and appropriately adding to trip ends. The EMME modelling process takes care of distribution, mode-choice and assignment stages of horizon year modelling exercise.

1.1.1 Assessment of NMIA Air Passenger Demand

On a typical day, air passenger movements at CSIA as observed in 2006 is presented in Table 1. Currently the total passenger movement per day is about 50,000. The ground side number of passenger movement which matter for transport network analysis is about 30,600 passengers per day. This is illustrated in Figure 1.

[1] Primary surveys were conducted as part of CTS at the CSIA. The data as collected and analysed has been given at Annexure 5-3.

Table 1: Typical Day Air Passenger Movements- 2006: CSIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Mumbai	8,800	8,800	17,600	17,600	17,600
Transfer Domestic	3,500	3,500	7,000	3,500	
Transfer Int.	2,700	2,900	5,600	2,700	
Sub-Total	**15,000**	**15,200**	**30,200**	**23,800**	
International					
Mumbai	6,500	6,500	13,000	13,000	13,000
Transfer Domestic	2,900	2,700	5,600	2,900	
Transfer Int.	600	600	1,200	600	
Sub-Total	**10,000**	**9,800**	**19,800**	**16,500**	
Total	**25,000**	**25,000**	**50,000**	**40,300**	**30,600**

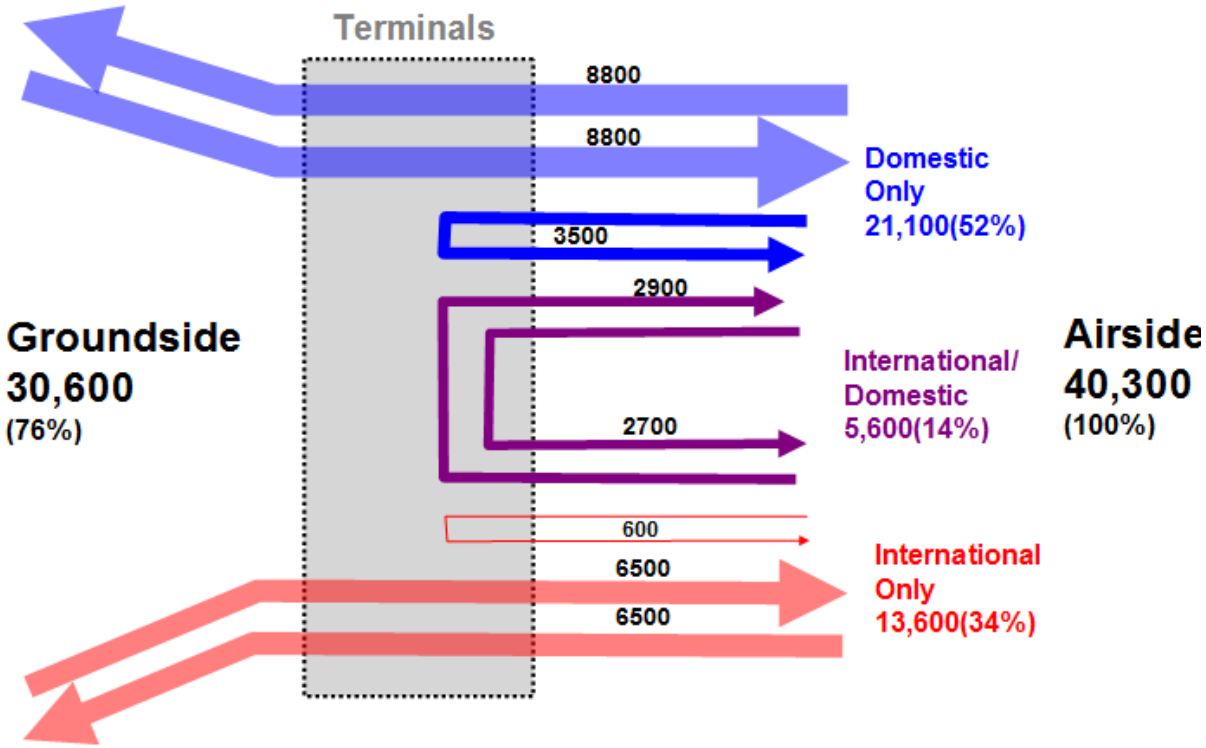

Figure 1: Assessment of Airport Passenger Movement in a Typical Day: CSIA (Year 2006)

Air passenger forecast for the horizon year 2031 for entry/exit of the terminals of NMIA is assessed at three levels Low, High and Medium based on level of transfer passenger from International to Domestic and vice versa (as the transfer passengers do not come outside terminal areas) and these figures are 98,053 passengers/day, 124,078 passengers/day and 110,555 passengers/day, respectively. The details are presented in Table 2, Table 3 and Table 4 respectively. For the analysis purpose the Medium forecast has been adopted. The estimated figure for the horizon year 2021 is 64,641 passengers/day and the details are presented in Table 5. Assessment of Air Passenger Movements for the Horizon Year 2031 at NMIA is presented in Table 6 and illustrated in Figure 2.

Table 2: Air Passenger Forecast for the Horizon Year 2031: Low

2031 Forecast (Low)	Passengers/ annum: 2031	Transit	Transit Pass.	Transfer	Transfer Pass.	Terminal Exit/Entry Pass.	Potential Transfer	Potential Pass. Trans.	Meeters Greeters: Exit/Entry	Meeters Greeters: Persons
International	16,500,000	0.5%	82,500	36%	5,940,000	10,477,500	2%	118,800	15%	1,571,625
Domestic	45,200,000	2.0%	904,000	42%	18,984,000	25,312,000	1%	189,840	5%	1,265,600
Total	61,700,000		986,500		24,924,000	35,789,500		308,640		2,837,225
Av. Day	169,041		2,703		68,285	98,053		846		7,773

Table 3: Air Passenger Forecast for the Horizon Year 2031: High

2031 Forecast (High)	Passengers/ annum: 2031	Transit	Transit Pass.	Transfer	Transfer Pass.	Terminal Exit/Entry Pass.	Potential Transfer	Potential Pass. Trans.	Meeters Greeters: Exit/Entry	Meeters Greeters: Persons
International	16,500,000	0.5%	82,500	25%	4,125,000	12,292,500	2%	82,500	15%	1,843,875
Domestic	45,200,000	2.0%	904,000	25%	11,300,000	32,996,000	1%	113,000	5%	1,649,800
Total	61,700,000		986,500		15,425,000	45,288,500		195,500		3,493,675
Av. Day	169,041		2,703		42,260	124,078		536		9,572

Table 4: Air Passenger Forecast for the Horizon Year 2031: Medium

2031 Forecast (Medium)	Passengers/ annum: 2031	Transit	Transit Pass.	Transfer	Transfer Pass.	Terminal Exit/Entry Pass.	Potential Transfer	Potential Pass. Trans.	Meeters Greeters: Exit/Entry	Meeters Greeters: Persons	Typical Day	Entry/ Exit
International	16,500,000	0.5%	82,500	33%	5,445,000	10,972,500	2%	108,900	15%	1,645,875	44,979	30,062
Domestic	45,200,000	2.0%	904,000	33%	14,916,000	29,380,000	1%	149,160	5%	1,469,000	121,359	80,493
Total	61,700,000		986,500		20,361,000	40,352,500		258,060		3,114,875		
Av. Day	169,041		2,703		55,784	110,555		707		8,534	166,338	110,555

Table 5: Air Passenger Forecast for the Horizon Year 2021: Medium

2021 Forecast (Medium)	Passengers/ annum: 2021	Transit	Transit Pass.	Transfer	Transfer Pass.	Terminal Exit/Entry Pass.	Potential Transfer	Potential Pass. Trans.	Meeters Greeters: Exit/Entry	Meeters Greeters: Persons	Typical Day	Entry/ Exit
International	9,687,000	0.5%	48,435	33%	3,196,710	6,441,855	2%	63,934	15%	966,278	26,407	17,649
Domestic	26,327,000	1.9%	487,050	33%	8,687,910	17,152,041	1%	86,879	5%	857,602	70,794	46,992
Total	36,014,000		535,485		11,884,620	23,593,896		150,813		1,823,880		
Av. Day	98,668		1,467		32,561	64,641		413		4,997	97,201	64,641

Table 6: Assessment of Air Passenger Movements for the Horizon Year 2031: NMIA

Airport	Arrivals	Departures	Total Passenger Movements	Total Passengers	Groundside
Domestic					
Navi Mumbai	40,000	40,000	80,000	80,000	80,000
Transfer Domestic	15,000	15,000	30,000	15,000	
Transfer Int.	6,500	6,500	13,000	6,500	
Sub-Total	**61,500**	**61,500**	**123,000**	**101,500**	
International					
Navi Mumbai	15,000	15,000	30,000	30,000	30,000
Transfer Domestic	6,500	6,500	13,000	6,500	
Transfer Int.	1,000	1,000	2,000	1,000	
Sub-Total	**22,500**	**22,500**	**45,000**	**37,500**	
Total	**84,000**	**84,000**	**1,68,000**	**1,39,000**	**1,10,000**

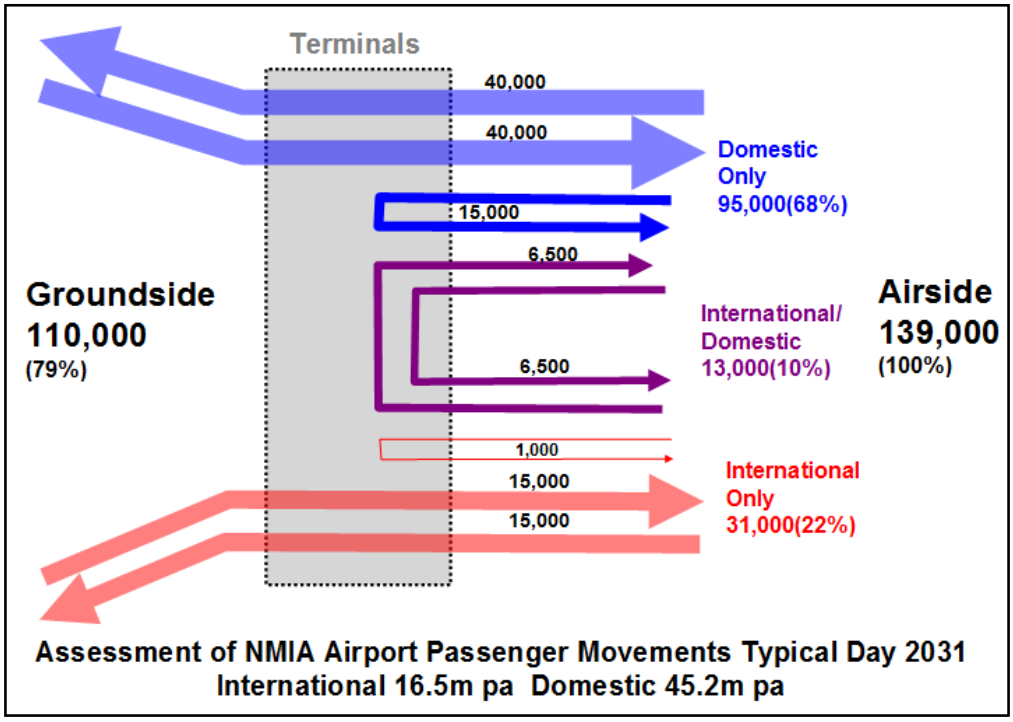

Figure 2: Assessment of Airport Passenger Movement on a Typical Day: NMIA (Year 2031)

1.1.2 Distribution of NMIA Air Passenger Demand

Ground side air passenger demand assessed, is distributed into different clusters of the region. In doing so the following alternatives options are studied.

- Alternative 1: Ground Movement of Air Passenger Travel Pattern (Departure) based on Air Passenger Survey 2006 (CTS for MMR);
- Alternative 2: 2031 passenger distribution based on existing passenger origin and destination patterns adjusted for population and employment growth (Modified P3E3);
- Alternative 3: 2031 air passenger travel, based on combined population + employment distribution (Modified P3E3); and

- Alternative 4: 2031 air passenger travel, based on combined apartment population (factored by income index) + 10% office employment (Modified P3E3)

Alternative 1: Ground Movement of Air Passenger Travel Pattern (Departure) based on Air Passenger Survey 2006 (CTS for MMR)

Ground Movement pattern of Air Passenger Travel (Departure) based on Air Passenger Survey 2006 (CTS for MMR) is presented in Figure 3 to understand the travel pattern. Air Passenger Travel Pattern forecasted for the horizon year 2031 for NMIA is presented in Table 7.

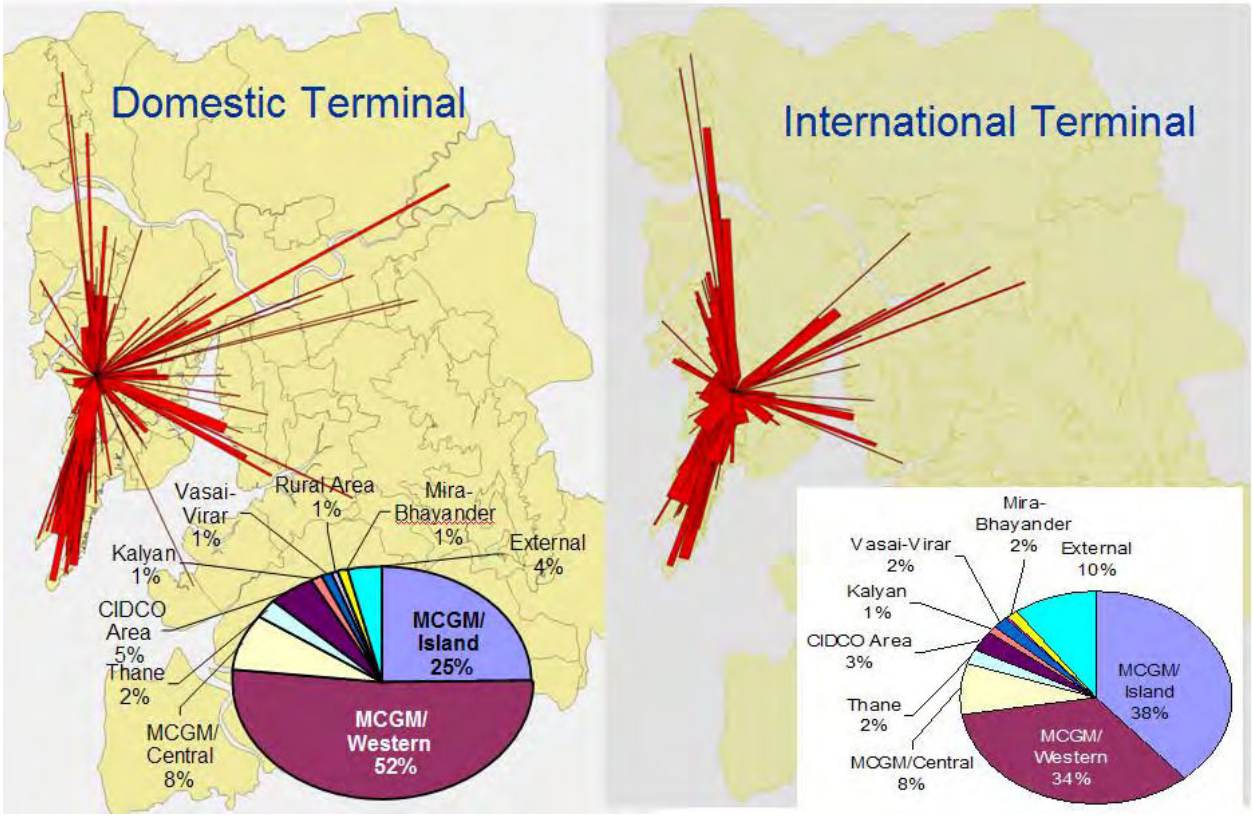

Figure 3: Ground Movement Pattern of Air Passenger Travel (Departure) - Air Passenger Survey 2006 (CTS)

Table 7: Ground Movement Pattern of Air Passenger Travel (Departure) - Air Passenger Survey 2006 (CTS) on Typical Day and Forecast for the Horizon Year 2031 for NMIA (Alternative 1)

Cluster Name	2006						2031			
	Domestic	International	Domestic	International	Total	%	Domestic	International	Total	%
Island	25%	38%	4,400	4,940	9,340	31%	7,500	30,400	37,900	34.5%
Western	52%	34%	9,152	4,420	13,572	44%	15,600	27,200	42,800	38.9%
Central/East	8%	8%	1,408	1,040	2,448	8%	2,400	6,400	8,800	8.0%
CIDCO	5%	3%	880	390	1,270	4%	1,500	2,400	3,900	3.5%
Thane	2%	2%	352	260	612	2%	600	1,600	2,200	2.0%
Kalyan	1%	1%	176	130	306	1%	300	800	1,100	1.0%
Mira Bhayander	1%	2%	176	260	436	1%	300	1,600	1,900	1.7%

Cluster Name	2006						2031			
	Domestic	International	Domestic	International	Total	%	Domestic	International	Total	%
Vasai Virar	1%	2%	176	260	436	1%	300	1,600	1,900	1.7%
Rural	1%		176	0	176	1%	300	0	300	0.3%
External	4%	10%	704	1,300	2,004	7%	1,200	8,000	9,200	8.4%
Total	**100%**	**100%**	**17,600**	**13,000**	**30,600**	**100%**	**30,000**	**80000**	**1,10,000**	**100.0%**

Alternative 2: 2031 passenger distribution based on existing passenger origin & destination patterns adjusted for population & employment growth (Modified P3E3)

In this alternative, the air passenger originating from/destined to a particular cluster are correlated to the total population and employment of the year 2005 i.e. ratio. Once the ratio is known for each cluster and the horizon year population + employment is known, the cluster wise air passengers in the horizon year are obtained by multiplying cluster wise ratio with cluster wise total population + employment. The details are presented in Table 8 and Figure 4.

Alternative 3: 2031 Air passenger travel based on combined population + employment distribution (Modified P3E3)

In this alternative, the air passenger originating from/destined to particular cluster are correlated to the total population and employment of the cluster to that of overall population + employment of MMR. The details are presented in Table 8 and Figure 5.

Alternative 4: 2031 Air passenger travel based on combined apartment population (factored by income index) + 10% office employment (Modified P3E3)

In this alternative, the air passenger originating from/destined to particular cluster are correlated to the combined apartment population (of 2031) factored by income index + 10% office employment (of 2031). For income index the proxy used is value of the apartment in 2005. The details are presented in Table 9 and Figure 6.

After having arrived at the outputs of the above alternatives, the patterns emerging from them are studied and compared. It is observed that, the Alternative 1 and Alternative 2 heavily represent the existing air passenger pattern (2006), whereas, Alternative 3 represents future population+ employment distribution. Alternative 4, however, falls more or less in between the other alternatives, as it relies on population living in apartments and some weight is applied to the office employment (these factors generally are the variables which may decide the air passenger travel origins/ destinations). All of these four alternative distributions were presented to the MTSU/ CIDCO/ MMRDA officials on 8th April, 2011 and it was decided that Alternative 3 should be adopted for further analysis.

Table 8: Air Passenger Estimation in the Horizon Year 2031 for NMIA: Alternative 2 and Alternative 3

Cluster Name	2005						Passenger Ratio 2006*	Pop+Emp: 2031	Air Pass: 2031	Air Pass Factored (Alternative 2)	Air Pass 2006	Growth 2006-2031	2031 Air Pass : Prop. of Pop+Emp** (Alternative 3)
	Population	Employment	Pop	Emp	Total	Pop+Emp							
	2005	2005	%	%	Pop+Emp	%							
Island	3,391,000	2,200,000	16.3%	28.9%	5,591,000	19.7%	0.167%	6,916,000	11,553	29,248	9,340	213%	14,728
Western	5,628,000	2,237,000	27.1%	29.4%	7,865,000	27.7%	0.173%	10,221,000	17,638	44,650	13,572	229%	21,767
Central/East	3,843,000	1,002,000	18.5%	13.2%	4,845,000	17.1%	0.051%	6,200,000	3,133	7,930	2,448	224%	13,204
CIDCO	1,465,000	639,000	7.1%	8.4%	2,104,000	7.4%	0.060%	6,580,000	3,972	10,055	1,270	692%	14,013
Thane	1,519,000	414,000	7.3%	5.4%	1,933,000	6.8%	0.032%	4,280,000	1,355	3,430	612	461%	9,115
Kalyan/Bhiw	2,879,000	780,000	13.9%	10.3%	3,659,000	12.9%	0.008%	8,138,000	681	1,723	306	463%	17,331
Mira Bhayander	621,000	136,000	3.0%	1.8%	757,000	2.7%	0.058%	1,850,001	1,066	2,697	436	519%	3,940
Vasai Virar	713,000	124,000	3.4%	1.6%	837,000	3.0%	0.052%	3,120,001	1,625	4,114	436	844%	6,644
Rural	705,000	69,000	3.4%	0.9%	774,000	2.7%	0.023%	1,999,999	455	1,151	176	554%	4,259
External			0.0%	0.0%	0	0.0%				5000	2,004	150%	5000
	20,764,000	7,601,000	100.0%	100.0%	28,365,000	100.0%		49,305,002	41,477	1,05,000			1,05,000
										1,10,000	**30,600**	**259%**	**1,10,000**

* Air passengers originated/ destined to particular cluster is correlated to the total population and employment sum i.e. ratio; ** Cluster wise Air Passengers are estimated as proportion of cluster pop+emp to overall pop+emp

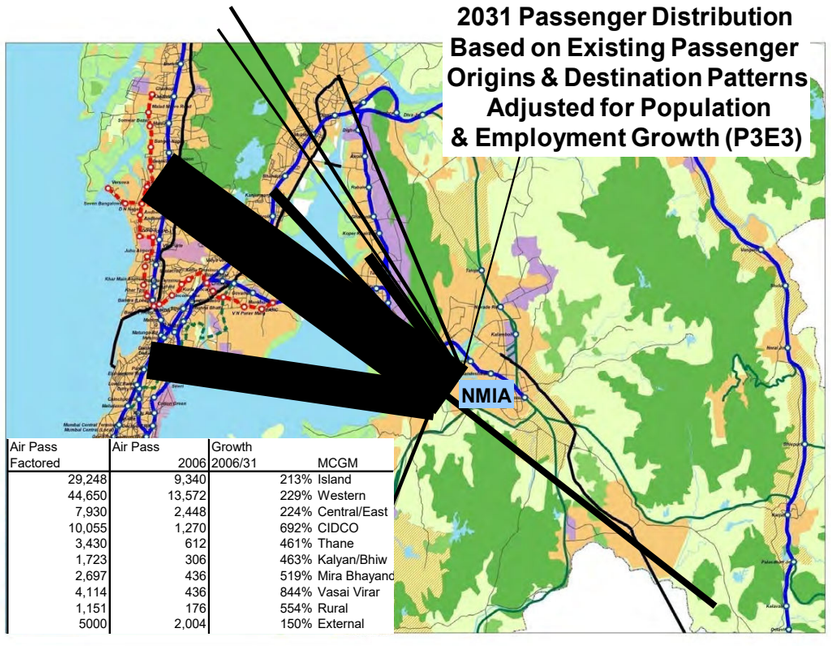

Figure 4: 2031 Air Passenger Distribution Based on 2006 Passenger Origin & Destination Distribution Patterns Adjusted for Population & Employment Growth (Modified P3E3)

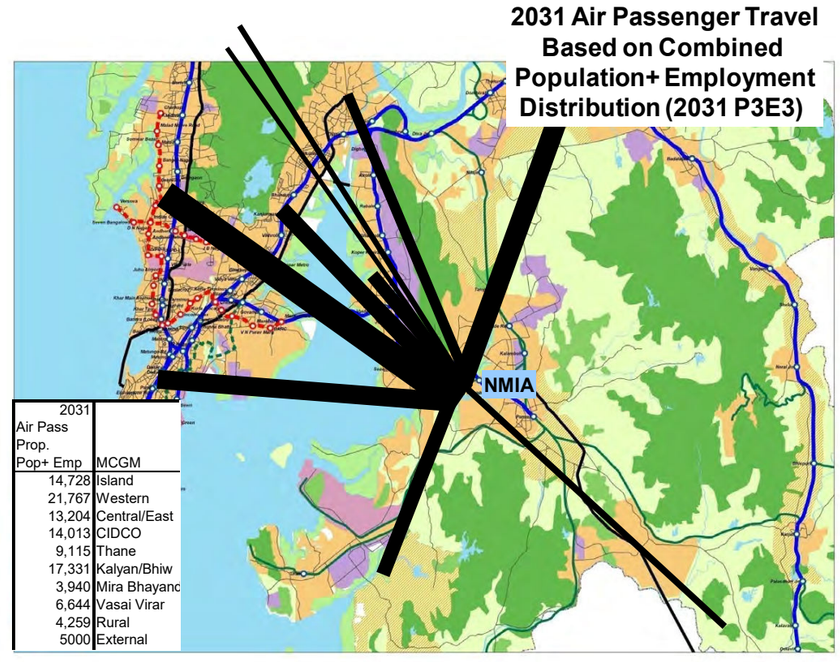

Figure 5: 2031 Air Passenger Travel Based on Combined Population + Employment Distribution (Modified P3E3)

Table 9: 2031 Air Passenger Travel Based on Combined Apt. Population (Factored by Income Index) + 10% Office Employment (2031 Modified P3E3): Alternative 4

Cluster	Apt. Pop 2005	Office Emp 2005	Apt Value INR Million	Value Factor	Rated Gen. Factor Pop*Val+ 0.1 Office Emp (2005)	%	Gen. Factor Pop*Val	%	Apt. Pop 2031	Office Emo 2031	Apt Value INR Million	Value Factor	Rated Gen. Factor Pop*Val+ 0.1 Office Emp (2031)	%	Air Pass.
Island	890,000	930000	10	1.00	983000	32.5%	8900000	31.8%	1,579,000	1606000	10	1.00	1739600.3	24.4%	25,629
Western	1,690,000	730000	6.5	0.65	1171500	38.7%	10985000	39.3%	3,207,000	1799000	6.5	0.65	2264449.9	31.8%	33,361
Central/East	750,000	240000	3.4	0.34	279000	9.2%	2550000	9.1%	1,667,000	514000	3.4	0.34	618180.17	8.7%	9,107
CIDCO	1,030,000	170000	2.5	0.25	274500	9.1%	2575000	9.2%	3,825,000	642000	2.5	0.25	1020450	14.3%	15,034
Thane	410,000	90000	2.8	0.28	123800	4.1%	1148000	4.1%	1,731,000	450000	2.8	0.28	529680	7.4%	7,804
Kalyan/Bhiw	1,029,000	85000	1.1	0.11	121690	4.0%	1131900	4.0%	3,512,000	417000	1.1	0.11	428020	6.0%	6,306
Mira Bhayander	410,000	25000	1.1	0.11	47600	1.6%	451000	1.6%	1,149,000	95000	1.1	0.11	135890	1.9%	2,002
Vasai Virar	300,000	28000	0.75	0.08	25300	0.8%	225000	0.8%	1,787,000	192000	0.75	0.08	153225.03	2.1%	2,257
Rural		11,000							2300000	650000	0.75	0.08	237500	3.3%	3,499
External					3026390		27965900						7126995.4	100.0%	105,000
															5,000
															110,000

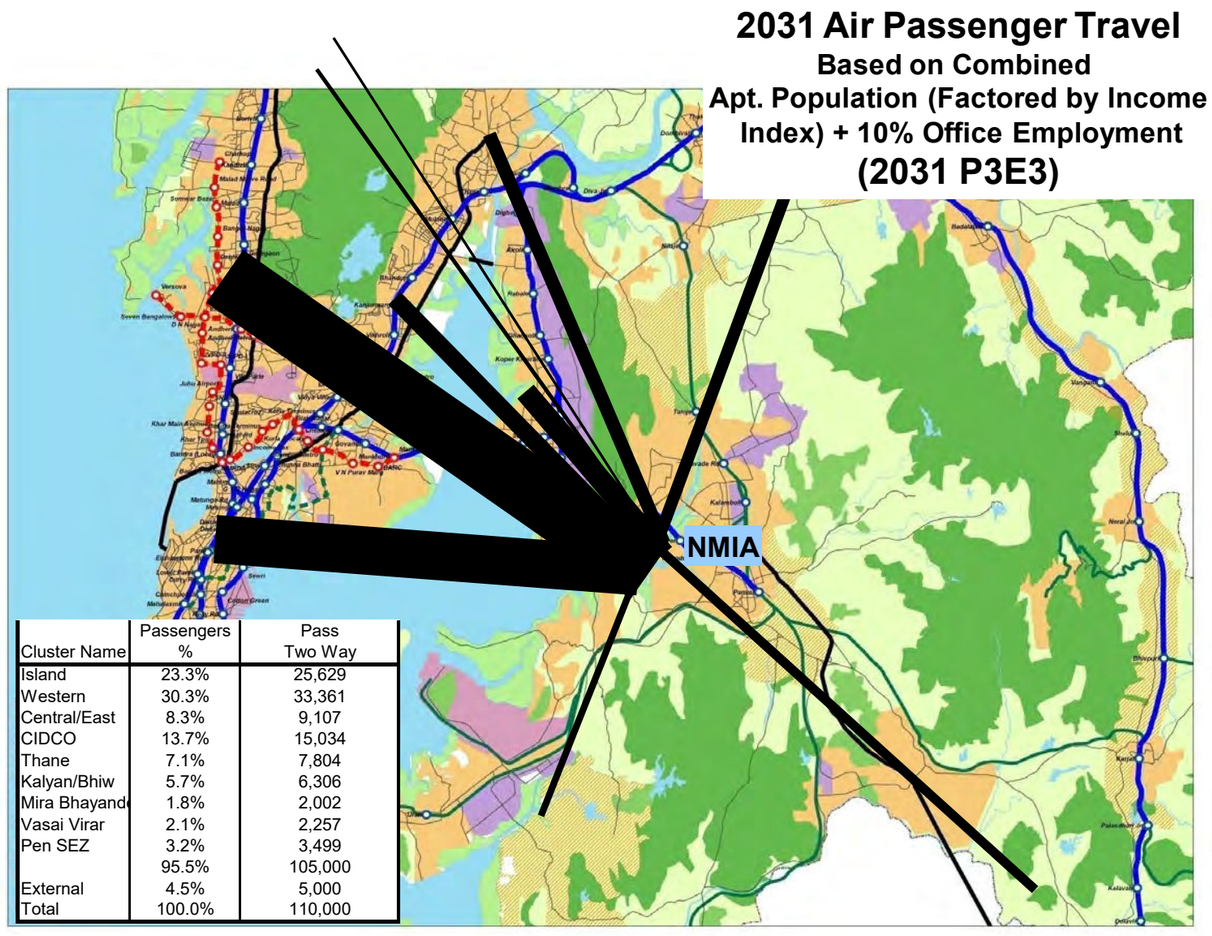

Figure 6: 2031 Air Passenger Distribution Based on Combined Apt. Population (factored by Income Index) + 10% Office Employment (2031 Modified P3E3)

Knowing the distribution of air passengers, the next step is to assess the mode choice for their travel. Two model sets of mode choice are evolved:

- Model 1: High on Car and Taxi usage; and
- Model 2: High on public transport usage.

For short term, Model 1 may represent the actual situation, while in the Long term Model 2 may be more representative of the mode choice behaviour of the passengers (as development of public transport takes usually long time). Access mode estimates of air passengers for NMIA, for the above stated two Models, are presented in Table 10 and Table 11 respectively. In the present study, while assessing the mode choice for 2031, Model 2 has been used, whereas, for 2021, Model 1 has been made use of.

Table 10: Air Passenger Access Mode Estimate for NMIA: Model 1

Cluster Name	Passengers (%)	Passengers: Two-way	Access Mode Choice			
			Car	Taxi	Rail/Metro	Bus
Island	13.4%	14,728	45%	39%	10%	6%
Western	19.8%	21,767	45%	39%	10%	6%
Central/East	12.0%	13,204	45%	39%	10%	6%
CIDCO	12.7%	14,013	45%	39%	10%	6%
Thane	8.3%	9,115	45%	39%	10%	6%
Kalyan/Bhiw	15.8%	17,331	45%	39%	10%	6%
Mira Bhayander	3.6%	3,940	45%	39%	10%	6%
Vasai Virar	6.0%	6,644	45%	39%	10%	6%
Pen SEZ	3.9%	4,259	45%	39%	10%	6%
	95.5%	105,000				
External	4.5%	5,000	85%			15%
Total	**100.0%**	**110,000**				

Table 11: Air Passenger Access Mode Estimate for NMIA: Model 2

Cluster Name	Passengers (%)	Passengers: Two-way	Access Mode Choice			
			Car	Taxi	Rail/Metro	Bus
Island	13.4%	14,728	35%	20%	30%	15%
Western	19.8%	21,767	30%	29%	35%	6%
Central/East	12.0%	13,204	35%	20%	25%	20%
CIDCO	12.7%	14,013	40%	25%	20%	15%
Thane	8.3%	9,115	40%	25%	20%	15%
Kalyan/Bhiw	15.8%	17,331	40%	25%	20%	15%
Mira Bhayander	3.6%	3,940	40%	39%	15%	6%
Vasai Virar	6.0%	6,644	40%	39%	15%	6%
Pen SEZ	3.9%	4,259	35%	20%	30%	15%
	95.5%	105,000				
External	4.5%	5,000	85%			15%
Total	**100.0%**	**110,000**				

Passenger Trip Generation from NMIA and Mode Choice for air passengers, airport employment and airport related employment is presented in Figure 7. It can be seen that the trips generated/day from air passengers is about 24% and passenger trips/day generated from airport employment and airport related employment is about 76%. Estimated air passenger two way trips during morning peak period is

assessed to be 40,000. The estimated airport employment and airport related employment (assessed based on similar size of international airports handling similar capacities) is expected to be about 71,000 and 1,00,000 by 2031 respectively. Approximate number of motorised trips generated due to this employment per day will be about 3,42,000 per day. The estimated morning peak period trips will be about 1,20,400 i.e. 0.12 million. The likely mode choice of these trips is presented in Table 12.

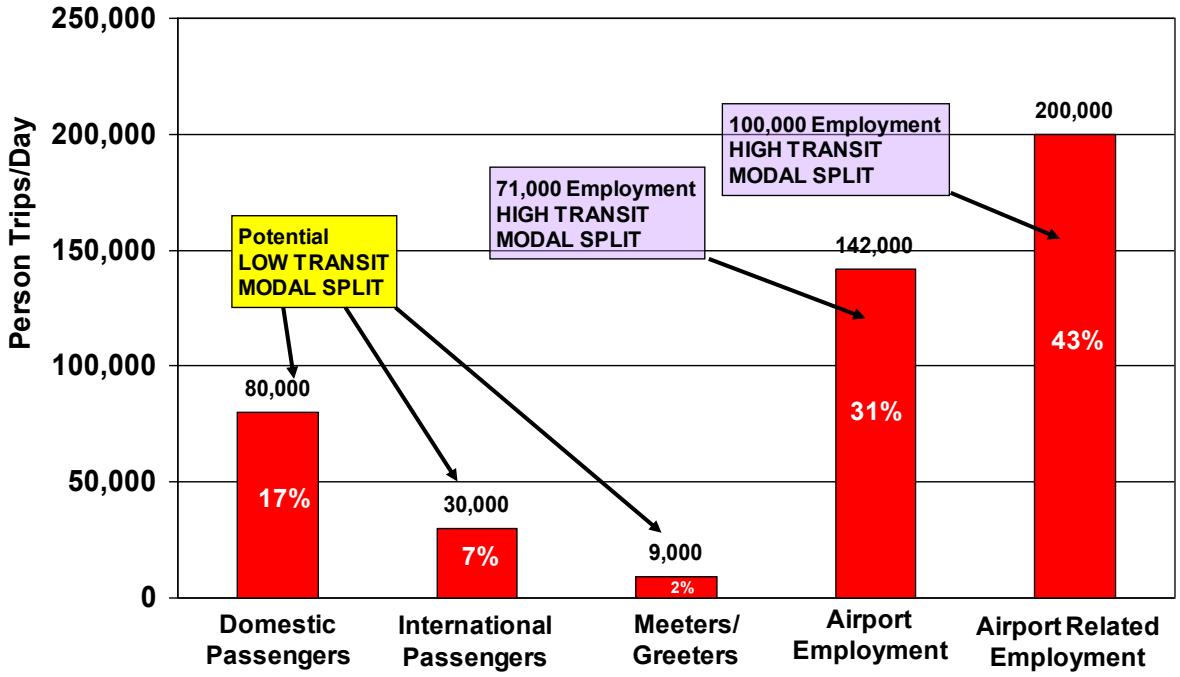

Figure 7: Passenger Trip Generation from NMIA and Mode Choice-Air passengers, Airport Employment and Airport Related Employment

Table 12: Mode Choice of Airport Employment and Airport Related Employment for the Horizon Year 2031 for the Morning Peak Period (6:00 to 11:00 hrs)

Mode	Trips due to Airport Emp. And Airport Related Emp. (in million)	%
Car	0.013	10.9%
Two Wheeler	0.016	13.3%
Auto	0.005	4.0%
Taxi	0.001	1.0%
Bus	0.010	8.7%
Train	0.043	35.3%
Metro	0.032	26.7%
Total	**0.120**	**100.0%**

Annexure 9-1

Planning Parameters – Delineated Study Area of NMIA, Draft RP Scenario

ANNEXURE 9-1: PLANNING PARAMETERS – DELINEATED STUDY AREA OF NMIA, DRAFT RP SCENARIO

Table 1: Planning Parameters Draft RP Scenario for NMIA

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
1854	4,839	619	8,263	1,948	10,226	2,912	10,495	2,871	12,551	3,487
1855	10,585	751	18,879	3,768	30,212	8,752	35,150	9,497	52,236	14,867
1856	3,541	453	11,961	2,905	13,360	3,389	14,947	3,744	18,522	4,521
1857	2,645	338	4,783	1,848	6,358	2,384	8,177	2,827	12,218	3,927
1858	1,641	210	6,247	1,229	6,450	1,354	6,667	1,427	7,179	1,539
1939	11,755	1,592	8,303	2,196	9,107	2,538	10,021	2,792	12,078	3,368
1865	5,201	630	5,286	1,239	5,476	1,330	5,672	1,376	6,148	1,433
1859	14,570	982	6,744	862	12,980	3,872	13,330	3,557	19,132	5,597
1852	15,013	1,065	13,901	2,958	23,293	7,592	26,586	8,285	39,220	13,087
1849	14,661	412	52,213	23,910	44,016	16,388	56,718	19,267	89,052	28,907
1840	1,767	63	3,292	444	3,449	507	3,606	540	3,997	595
1836	8,835	7,586	9,918	14,549	19,730	17,755	32,240	20,993	58,425	28,114
1845	8,270	665	26,601	10,952	14,141	3,165	16,334	3,495	22,375	4,918
1846	2,055	1,558	4,074	4,637	4,420	4,801	4,802	4,903	5,682	5,063
1844	1,041	84	2,329	266	2,390	298	2,456	314	2,610	328
1843	1,331	190	3,340	637	3,928	788	4,613	905	6,124	1,175
1842	12,373	4,512	5,413	3,294	5,718	3,428	6,061	3,510	6,839	3,628
1938	10,975	3,260	18,592	7,107	19,720	7,481	20,989	7,704	23,874	8,034
1940	10,059	336	9,592	1,220	11,395	1,910	13,467	2,471	18,087	3,825
1942	34,444	4,284	40,803	11,333	48,096	14,364	56,250	16,697	74,491	22,452
1944	2,717	329	3,220	631	3,332	683	3,452	711	3,736	750
2926	40,613	2,595	42,259	10,486	43,451	11,814	42,691	13,514	44,188	20,180
2939	8,092	381	6,776	1,419	7,018	1,596	6,879	1,939	7,152	3,014
2929	10,411	1,000	6,425	1,569	6,645	1,729	6,495	2,104	6,838	3,174
2150	4,693	432	11,156	2,593	8,419	3,705	9,322	13,158	9,773	23,317
2028	5,867	513	5,609	603	6,696	1,320	8,021	2,327	10,378	4,299
2038	14,346	1,255	14,489	2,995	14,792	3,360	15,175	3,694	15,871	3,920
2146	7,310	1,043	3,010	1,557	31,711	12,195	45,415	12,163	1,21,042	53,034
2011	10,735	939	14,534	4,151	21,587	6,240	27,880	8,235	41,699	13,334
2068	10,604	928	6,516	1,623	6,827	1,831	7,084	1,999	7,638	2,177
2060	13,229	1,157	15,899	4,478	19,507	6,028	22,870	7,991	29,778	11,752
2067	11,656	1,020	14,134	3,505	14,840	3,972	15,522	4,419	16,929	4,957
2141	494	34	2,833	986	15,039	6,019	21,567	5,980	37,077	18,834
1943	3,312	401	4,075	817	4,186	880	4,309	914	4,591	947
2155	-	-	102	14	2	8	142	136	213	567
1860	2,251	152	7,817	1,376	7,973	1,481	8,144	1,531	8,541	1,558
1861	1,495	101	4,959	677	5,083	748	5,216	782	5,531	812
1853	36,800	4,589	22,702	5,303	37,056	12,426	37,812	11,764	51,154	16,582
1850	11,916	9,031	20,976	22,078	30,340	28,431	41,703	34,200	66,104	47,124
1941	8,692	707	9,665	2,191	10,928	2,619	12,364	2,938	15,594	3,670
2012	24,578	2,150	16,869	3,930	17,908	4,461	18,870	4,909	21,570	5,720
2013	10,312	902	11,207	2,748	13,317	3,407	15,539	4,180	19,944	5,499
2014	19,218	1,681	23,196	6,952	28,005	9,013	32,261	10,967	42,562	15,672
2015	6,879	602	9,951	2,564	10,894	2,936	11,777	3,268	14,205	4,007
2016	9,919	868	7,172	1,623	7,446	1,813	7,706	1,966	8,362	2,115
2017	8,839	773	4,919	1,211	5,149	1,357	5,503	1,549	6,073	1,722
2018	3,047	267	7,695	1,900	8,027	2,130	8,319	2,314	8,979	2,473
2019	8,907	779	10,916	2,781	11,674	3,160	12,352	3,482	14,372	4,161
2020	8,256	722	4,801	1,072	4,973	1,198	5,134	1,298	5,477	1,354
2021	13,220	1,156	11,167	2,928	12,188	3,414	13,135	3,856	15,784	4,873
2022	9,980	873	9,160	2,338	9,831	2,711	10,445	3,043	11,995	3,639
2024	2,827	247	16,784	3,675	13,362	6,671	15,840	13,240	19,556	22,834
2039	2,180	191	17,888	2,294	19,729	3,128	21,623	4,721	24,403	6,486
2040	2,509	219	12,523	3,198	14,118	3,930	15,440	4,495	18,115	5,470
2041	4,472	391	2,469	652	3,809	1,422	5,119	2,408	7,792	4,596
2042	19,454	1,702	22,630	5,655	22,979	6,186	24,162	6,876	25,527	7,260
2043	12,831	1,122	7,949	4,164	9,662	4,845	11,919	5,774	15,808	7,350
2044	17,450	1,526	5,985	2,036	9,206	3,073	12,725	4,367	19,910	7,573
2045	30,765	2,691	18,744	4,167	19,073	4,639	19,383	5,035	20,039	5,266

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
2046	6,636	580	14,906	2,406	15,620	2,830	17,181	3,487	19,306	4,129
2047	3,683	322	1,138	925	2,754	1,399	4,304	1,942	7,525	3,218
2048	10,735	939	21,951	4,938	22,421	5,547	22,857	6,081	23,794	6,524
2049	19,929	1,743	32,913	8,177	33,379	8,939	35,946	10,215	38,539	11,012
2050	2,128	186	1,188	2,141	2,358	2,521	3,486	2,942	5,818	3,875
2051	12,336	1,079	17,639	4,374	19,358	5,063	20,940	5,686	24,324	6,563
2052	21,004	1,837	13,571	3,630	14,290	4,064	14,940	4,428	16,372	4,823
2053	1,618	142	592	1,570	1,574	1,879	2,527	2,225	4,486	3,008
2054	7,616	666	11,508	2,822	12,232	3,328	15,881	4,790	19,637	6,466
2055	7,515	657	7,487	1,834	7,988	2,157	9,149	2,695	10,697	3,391
2056	1,808	158	451	1,544	1,000	1,713	2,335	2,148	4,086	2,792
2057	24,902	2,178	19,299	4,228	35,806	14,611	47,367	21,388	72,760	43,244
2065	2,536	222	8,949	2,214	9,161	2,412	9,363	2,574	9,785	2,647
2066	2,210	193	2,147	541	2,262	619	2,375	692	2,605	796
2069	7,780	681	8,427	2,334	8,706	2,494	9,227	3,032	9,999	3,478
2070	3,587	314	3,819	1,036	4,197	1,243	4,625	1,571	5,427	2,076
2071	6,284	550	6,914	1,889	7,171	2,047	7,599	2,471	8,259	2,855
2072	4,678	409	4,842	1,439	4,995	1,503	5,406	1,961	5,928	2,337
2079	8,793	769	19,733	5,055	22,447	6,404	26,074	8,135	33,919	11,622
2073	1,937	169	2,173	601	3,085	946	3,821	1,281	5,317	2,000
2074	21,707	1,899	23,303	5,812	24,201	6,385	26,581	9,132	28,846	10,650
2061	54,410	4,760	34,940	8,628	36,805	9,911	39,050	12,242	41,934	13,914
2062	10,752	941	19,163	4,618	20,554	5,484	22,704	7,483	25,734	9,304
2075	7,130	624	3,811	957	5,062	1,376	6,649	2,386	9,247	3,615
2076	1,205	105	2,247	694	5,538	1,732	8,311	2,689	13,869	4,878
2077	3,531	309	11,626	2,784	12,240	3,130	12,848	3,398	14,072	3,571
2078	8,009	701	4,921	1,190	5,719	1,477	6,989	2,375	8,557	3,057
2063	17,324	1,515	12,587	3,905	16,314	6,183	22,564	9,678	32,039	16,456
2064	15,622	1,367	24,441	6,258	27,664	7,772	30,526	9,206	36,769	12,009
2058	7,168	627	8,144	2,325	10,012	3,228	12,397	4,390	19,522	7,713
2142	9,757	536	11,768	2,987	43,265	9,612	54,177	13,303	1,49,039	49,724
2143	1,710	515	5,930	1,458	4,822	2,414	4,822	4,974	4,822	8,850
2144	8,824	656	16,932	5,122	13,649	10,291	13,649	26,996	13,649	49,428
2145	6,695	800	1,226	346	669	2,674	669	10,034	669	14,080
2059	6,961	609	6,985	1,815	9,125	2,884	11,862	4,303	21,625	9,026
2151	3,773	462	4,289	1,006	16,991	4,359	24,278	3,969	27,363	7,597
2153	6,048	243	3,887	954	2,315	1,160	2,529	3,246	2,636	5,124
2147	560	32	2,923	663	16,862	3,188	24,488	4,153	36,997	9,552
2148	1,009	119	7,632	2,135	4,838	4,460	5,219	10,479	5,409	18,192
2149	12,756	650	13,721	3,567	9,401	11,013	12,525	33,276	14,087	52,870
2156	10,944	524	7,964	2,090	6,137	2,822	6,422	6,808	6,565	11,696
2157	1,057	47	8,869	2,428	8,100	3,477	8,102	8,276	8,103	17,155
2158	11,180	500	6,540	1,801	3,609	2,381	3,660	7,750	3,685	12,719
2154	841	49	2,824	775	18,361	3,194	26,056	4,952	60,328	17,350
1841	14,325	513	12,747	1,207	13,640	1,626	14,684	1,937	16,981	2,585
1847	8,875	6,727	6,948	8,968	9,094	9,936	10,560	10,246	14,446	11,300
1848	7,104	1,013	3,765	3,473	7,140	4,887	8,831	5,107	14,122	6,570
1862	13,672	1,658	11,900	3,088	13,497	3,775	15,361	4,322	19,464	5,588
1863	11,448	1,388	12,908	3,068	13,278	3,310	13,703	3,455	14,650	3,642
1864	9,788	467	5,165	644	5,578	809	6,040	926	7,093	1,172
1851	3,785	106	11,028	2,714	13,750	3,785	16,904	4,671	23,889	6,861
2932	17,943	2,222	17,668	4,044	19,195	4,807	18,557	6,264	20,447	11,797

Annexure 9-2

Planning Parameters – Delineated Study Area of NMIA, CTSU Scenario

ANNEXURE 9-2: PLANNING PARAMETERS – DELINEATED STUDY AREA OF NMIA, CTSU SCENARIO

Table 1: Planning Parameters CTSU Scenario for NMIA

TAZ No.	Pop2017	Empl2017	Pop_21 CTSU	_21Emp CTSU	Pop_26 CTSU	26 Emp CTSU	Pop_31 CTSU	31Emp CTSU	Pop_41 CTSU	41Emp CTSU
1854	4,839	619	8,167	1,876	8,957	2,326	9,011	2,249	9,474	2,403
1855	10,585	751	16,858	3,133	21,261	5,410	22,815	5,423	26,666	7,132
1856	3,541	453	11,313	2,686	11,815	2,829	12,366	2,935	13,171	3,125
1857	2,645	338	4,062	1,627	4,627	1,813	5,260	1,962	6,171	2,287
1858	1,641	210	6,149	1,164	6,222	1,194	6,296	1,212	6,412	1,221
1939	11,755	1,592	7,931	2,022	8,219	2,142	8,537	2,224	9,000	2,274
1865	5,201	630	5,193	1,186	5,261	1,207	5,328	1,216	5,435	1,189
1859	14,570	982	6,626	803	9,154	2,305	9,142	2,004	10,449	2,650
1852	15,013	1,065	12,757	2,467	16,462	4,671	17,465	4,748	20,313	6,320
1849	14,661	412	34,294	17,523	29,065	11,210	33,374	12,052	40,661	15,138
1840	1,767	63	3,214	412	3,270	426	3,323	433	3,411	440
1836	8,835	7,586	5,418	13,278	8,940	14,510	13,335	15,743	19,237	17,903
1845	8,270	665	17,297	7,536	11,241	2,234	11,972	2,291	13,334	2,659
1846	2,055	1,558	3,911	4,539	4,034	4,588	4,166	4,614	4,364	4,561
1844	1,041	84	2,300	248	2,322	254	2,345	256	2,379	251
1843	1,331	190	3,073	569	3,284	613	3,523	645	3,864	706
1842	12,373	4,512	5,271	3,199	5,380	3,247	5,499	3,270	5,675	3,149
1938	10,975	3,260	18,063	6,829	18,467	6,972	18,907	7,032	19,557	6,641
1940	10,059	336	8,764	940	9,411	1,178	10,131	1,371	11,172	1,803
1942	34,444	4,284	37,613	10,035	40,247	11,150	43,080	11,939	47,192	13,231
1944	2,717	329	3,167	595	3,207	612	3,248	619	3,312	579
2926	40,613	2,595	42,763	10,869	45,252	12,789	45,096	14,805	58,138	24,566
2939	8,092	381	6,872	1,484	7,374	1,754	7,378	2,151	9,852	3,821
2929	10,411	1,000	6,586	1,648	7,070	1,886	7,121	2,335	10,229	4,037
2150	4,693	432	14,156	3,603	8,419	4,447	9,322	14,594	9,773	26,002
2028	5,867	513	5,611	604	6,639	1,304	7,928	2,316	8,950	3,863
2038	14,346	1,255	14,490	2,997	14,774	3,347	15,147	3,680	15,448	3,825
2146	7,310	1,043	4,602	2,735	50,458	17,937	70,751	19,644	1,83,970	67,339
2011	10,735	939	14,550	4,153	21,146	6,122	27,289	8,097	32,917	11,470
2068	10,604	928	6,516	1,624	6,811	1,824	7,062	1,992	7,302	2,113
2060	13,229	1,157	15,907	4,482	19,287	5,960	22,568	7,923	25,331	10,584
2067	11,656	1,020	14,135	3,507	14,802	3,956	15,467	4,404	16,077	4,793
2141	494	34	3,467	1,484	22,989	8,681	32,724	9,469	55,416	23,615
1943	3,312	401	4,023	780	4,063	793	4,105	800	4,169	781
2155	-	-	212	27	2	11	142	150	213	643
1860	2,251	152	7,742	1,314	7,798	1,331	7,857	1,339	7,947	1,308
1861	1,495	101	4,899	639	4,943	651	4,989	656	5,060	648
1853	36,800	4,589	22,413	5,073	28,229	8,590	28,180	7,906	31,187	9,356
1850	11,916	9,031	16,743	19,765	20,110	22,596	24,086	25,142	29,585	29,493
1941	8,692	707	9,080	1,993	9,534	2,127	10,032	2,224	10,760	2,380
2012	24,578	2,150	16,872	3,932	17,823	4,428	18,764	4,875	19,935	5,380
2013	10,312	902	11,210	2,749	13,200	3,383	15,364	4,153	17,270	5,089
2014	19,218	1,681	23,207	6,956	27,701	8,920	31,855	10,867	36,323	14,170
2015	6,879	602	9,955	2,565	10,819	2,911	11,681	3,241	12,735	3,714
2016	9,919	868	7,173	1,624	7,426	1,804	7,680	1,956	7,965	2,039
2017	8,839	773	4,920	1,212	5,136	1,351	5,481	1,543	5,726	1,662
2018	3,047	267	7,696	1,901	8,008	2,121	8,293	2,305	8,578	2,405
2019	8,907	779	10,919	2,782	11,609	3,136	12,273	3,456	13,148	3,893
2020	8,256	722	4,801	1,072	4,964	1,193	5,120	1,293	5,269	1,322
2021	13,220	1,156	11,170	2,930	12,105	3,383	13,031	3,824	14,180	4,496
2022	9,980	873	9,162	2,339	9,785	2,693	10,384	3,025	11,055	3,427
2024	2,827	247	16,796	3,677	13,362	6,654	15,840	13,222	19,556	22,602
2039	2,180	191	17,891	2,298	19,635	3,093	21,479	4,689	22,426	5,902
2040	2,509	219	12,524	3,199	14,040	3,899	15,329	4,458	16,451	5,076
2041	4,472	391	2,471	653	3,737	1,408	5,014	2,400	6,174	4,130
2042	19,454	1,702	22,631	5,657	22,960	6,166	24,108	6,849	24,701	7,069
2043	12,831	1,122	7,952	4,166	9,569	4,824	11,766	5,747	13,454	6,893
2044	17,450	1,526	5,995	2,037	8,967	2,999	12,402	4,278	15,204	6,387
2045	30,765	2,691	18,745	4,169	19,055	4,622	19,358	5,020	19,642	5,171
2046	6,636	580	14,907	2,408	15,580	2,814	17,097	3,463	18,018	3,886
2047	3,683	322	1,141	926	2,666	1,383	4,177	1,925	5,575	2,862
2048	10,735	939	21,952	4,941	22,395	5,526	22,820	6,064	23,226	6,380
2049	19,929	1,743	32,914	8,181	33,354	8,910	35,844	10,168	36,969	10,638
2050	2,128	186	1,190	2,142	2,294	2,509	3,394	2,928	4,406	3,609
2051	12,336	1,079	17,642	4,377	19,264	5,037	20,807	5,660	22,273	6,262
2052	21,004	1,837	13,573	3,632	14,250	4,047	14,884	4,412	15,503	4,673
2053	1,618	142	594	1,571	1,521	1,869	2,450	2,214	3,300	2,783
2054	7,616	666	11,509	2,823	12,192	3,313	15,734	4,749	17,364	5,907
2055	7,515	657	7,488	1,835	7,960	2,147	9,088	2,679	9,759	3,172
2056	1,808	158	452	1,544	969	1,707	2,266	2,134	3,025	2,576
2057	24,902	2,178	19,311	4,235	35,097	14,412	46,371	21,220	57,417	38,292
2065	2,536	222	8,949	2,215	9,149	2,405	9,346	2,566	9,529	2,606
2066	2,210	193	2,147	541	2,256	616	2,366	689	2,466	762
2069	7,780	681	8,428	2,336	8,681	2,484	9,189	3,025	9,465	3,331
2070	3,587	314	3,820	1,036	4,174	1,237	4,591	1,567	4,926	1,951
2071	6,284	550	6,915	1,890	7,151	2,038	7,567	2,465	7,813	2,735
2072	4,678	409	4,843	1,440	4,978	1,496	5,378	1,956	5,546	2,216
2079	8,793	769	19,737	5,058	22,311	6,362	25,840	8,084	29,819	10,681
2073	1,937	169	2,174	601	3,038	933	3,756	1,267	4,354	1,773
2074	21,707	1,899	23,305	5,814	24,150	6,361	26,463	9,109	27,218	10,139
2061	54,410	4,760	34,942	8,634	36,716	9,861	38,901	12,195	39,879	13,284
2062	10,752	941	19,165	4,622	20,479	5,456	22,570	7,459	23,776	8,788
2075	7,130	624	3,813	958	4,995	1,362	6,540	2,372	7,615	3,263
2076	1,205	105	2,250	694	5,379	1,686	8,082	2,628	10,414	4,059
2077	3,531	309	11,627	2,785	12,208	3,114	12,799	3,380	13,332	3,452
2078	8,009	701	4,922	1,190	5,681	1,465	6,915	2,359	7,504	2,802
2063	17,324	1,515	12,595	3,909	16,090	6,112	22,170	9,588	26,116	14,605
2064	15,622	1,367	24,447	6,262	27,475	7,709	30,266	9,140	32,869	11,097
2058	7,168	627	8,145	2,327	9,926	3,203	12,247	4,359	16,330	6,921
2142	9,757	536	13,306	3,682	63,721	13,109	79,488	17,469	2,22,073	61,885
2143	1,710	515	7,144	1,988	4,822	2,786	4,822	5,272	4,822	9,643
2144	8,824	656	20,532	7,382	13,649	12,391	13,649	29,623	13,649	55,024
2145	6,695	800	1,837	587	669	2,924	669	10,377	669	14,727
2059	6,961	609	6,987	1,816	9,026	2,858	11,688	4,271	17,531	7,971
2151	3,773	462	5,150	1,290	25,376	6,162	36,279	6,401	39,929	9,490
2153	6,048	243	5,610	1,479	2,315	1,420	2,529	3,590	2,636	5,677
2147	560	32	3,878	955	26,070	4,621	37,449	6,186	55,400	11,909
2148	1,009	119	10,695	3,185	4,838	5,749	5,219	11,852	5,409	20,560
2149	12,756	650	18,456	5,239	9,401	13,483	12,525	35,280	14,087	56,688
2156	10,944	524	9,966	2,757	6,137	3,304	6,422	7,585	6,565	13,130
2157	1,057	47	9,713	3,134	8,100	4,087	8,102	9,236	8,103	19,393
2158	11,180	500	9,753	2,854	3,609	2,988	3,660	8,896	3,685	14,527
2154	841	49	3,998	1,203	28,687	4,640	40,095	6,953	91,177	21,791
1841	14,325	513	12,342	1,028	12,663	1,148	13,027	1,246	13,544	1,445
1847	8,875	6,727	6,441	8,726	7,262	9,132	7,755	9,194	8,631	9,335
1848	7,104	1,013	3,154	3,295	4,464	3,951	5,011	3,959	6,204	4,365
1862	13,672	1,658	11,175	2,788	11,749	3,015	12,399	3,195	13,323	3,535
1863	11,448	1,388	12,738	2,935	12,871	2,992	13,018	3,027	13,232	2,997
1864	9,788	467	4,972	570	5,119	618	5,279	653	5,517	722
1851	3,785	106	9,785	2,280	10,763	2,647	11,861	2,947	13,435	3,649
2932	17,943	2,222	18,316	4,314	21,505	5,527	22,339	7,379	39,955	17,009

Annexure 9-3

Planning Parameters – Delineated Study Area of CSIA, Draft RP Scenario

ANNEXURE 9-3: PLANNING PARAMETERS – DELINEATED STUDY AREA OF CSIA, DRAFT RP SCENARIO

Table 1: Planning Parameters Draft RP Scenario For CSIA

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
601	8,309	2,866	24,167	19,950	23,665	19,953	23,264	19,795	21,315	18,957
247	14,721	2,893	16,652	7,901	15,959	7,900	15,704	8,429	14,421	8,928
198	21,045	6,166	26,208	19,025	24,191	18,755	21,329	18,184	14,835	17,514
179	18,931	5,547	22,696	17,082	20,949	16,961	18,470	16,474	12,847	15,946
196	17,665	5,176	12,586	13,810	11,617	13,697	10,242	13,752	7,124	13,916
311	5,170	1,643	7,765	4,842	7,479	4,725	7,359	4,700	6,758	4,384
248	7,362	1,447	9,283	4,301	9,137	4,128	8,990	3,941	8,256	3,444
355	2,923	495	3,768	1,931	3,576	1,895	3,518	2,045	3,231	2,172
317	20,734	6,588	18,175	18,057	16,939	18,167	16,667	18,828	15,305	19,002
299	2,739	517	6,136	2,512	6,030	2,469	5,933	2,427	5,449	2,299
338	21,559	2,467	11,369	3,462	10,952	4,012	10,776	4,461	9,896	4,982
340	2,344	268	3,149	1,080	3,073	1,039	3,024	1,000	2,777	876
337	2,623	300	4,161	1,187	4,079	1,152	4,014	1,118	3,686	1,010
342	10,821	1,239	14,726	3,780	14,397	3,737	14,166	3,740	13,009	3,542
357	13,556	1,888	15,921	4,930	15,563	4,753	15,313	4,622	14,062	4,117
358	17,661	2,459	19,474	7,141	18,765	8,059	18,464	8,939	16,956	9,941
332	44,284	4,447	56,600	11,893	55,579	12,449	54,688	12,615	50,220	12,177
286	4,534	3,329	4,369	7,870	4,263	7,529	4,194	7,159	3,851	6,184
457	14,009	1,940	14,878	5,333	14,650	5,067	14,401	4,863	13,195	4,298
449	14,399	2,356	17,721	5,986	17,465	5,749	17,169	5,570	15,730	5,063
352	3,981	674	6,531	2,338	6,325	2,352	6,224	2,413	5,715	2,398
371	14,135	3,186	17,314	9,788	17,072	9,564	16,782	9,366	15,376	8,644
280	5,314	1,044	6,798	3,189	6,677	3,214	6,569	3,162	6,033	2,897
203	33,198	9,727	33,199	23,705	30,644	23,612	27,017	22,779	18,792	22,008
186	16,414	4,809	18,208	14,721	16,807	14,276	14,818	13,910	10,307	13,402
292	15,013	2,950	18,396	8,933	18,053	8,930	17,763	8,734	16,312	7,898
308	8,375	2,661	13,673	7,835	13,126	7,764	12,916	8,039	11,860	8,138
274	17,584	3,247	11,445	6,903	11,135	6,712	10,957	6,537	10,062	5,949
284	4,002	2,939	3,683	7,278	3,560	7,777	3,503	8,001	3,217	8,091
501	16,447	10,891	14,683	30,981	11,817	32,358	11,628	35,725	10,678	39,530
356	12,258	2,074	18,625	7,144	18,083	7,063	17,793	7,159	16,340	7,005
373	16,888	69,035	14,757	1,23,959	13,500	1,19,517	13,271	1,16,270	12,159	1,06,103
363	13,543	2,823	6,783	6,397	6,628	6,095	6,522	5,783	5,989	4,907
307	12,261	3,896	20,223	10,903	19,620	10,577	19,305	10,441	17,728	9,601
640	29,749	9,602	52,694	6,214	51,416	6,939	50,591	7,993	46,458	9,418
282	16,983	3,337	11,050	6,808	10,189	7,662	10,026	9,073	9,206	10,952
374	52,034	11	44,781	240	43,982	1,117	43,235	1,458	39,613	1,869
310	785	249	728	722	619	789	609	928	559	1,107
325	26,902	8,548	30,763	19,469	30,130	19,507	29,646	19,647	27,224	19,646
502	41,801	3,821	16,557	9,884	15,231	10,758	14,987	12,258	13,762	14,118
262	24,824	3,854	34,912	11,278	34,351	10,888	33,800	10,478	31,038	9,352
450	56,603	9,260	56,527	21,631	55,597	21,337	54,654	20,914	50,075	19,512
375	25,298	6	31,107	83	30,617	146	30,098	184	27,576	232
454	15,501	5,346	23,669	39,559	22,815	38,897	22,428	38,159	20,549	35,795
329	4,143	379	6,092	1,647	5,841	1,750	5,747	1,942	5,277	2,143
463	58,222	20,080	15,281	9,726	14,636	9,497	14,387	9,410	13,182	8,816
615	17,589	2,579	1,455	11,483	1,231	11,365	1,210	11,255	1,109	10,783
322	44,075	14,005	12,574	12,506	12,082	13,623	11,888	14,616	10,917	15,942
180	55,587	16,287	26,676	16,707	24,623	17,232	21,709	16,612	15,100	16,422
518	18,139	4,615	10,127	13,713	9,772	13,399	9,616	13,150	8,830	12,149
297	3,944	745	8,395	3,900	8,167	3,838	8,036	3,825	7,379	3,586
281	12,120	2,382	9,570	6,570	8,889	7,442	8,747	8,649	8,032	10,268
351	12,028	2,035	14,583	7,848	13,454	8,891	13,238	10,640	12,156	12,974
467	15,712	5,419	20,560	25,130	20,034	24,668	19,694	24,360	18,044	23,202
466	18,965	6,541	43,433	33,531	42,640	32,858	41,917	32,277	38,405	30,066
263	17,138	3,677	95	8,898	-	9,029	-	9,136	-	9,174
326	38,583	3,874	29,081	11,117	27,745	11,634	27,300	13,046	25,070	14,592
328	30,203	3,033	25,835	7,850	24,879	8,647	24,480	9,692	22,480	10,970
327	4,329	2,867	5,546	7,006	4,855	7,358	4,777	8,278	4,387	9,273

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
333	1,06,467	10,691	89,979	26,280	88,174	26,885	86,760	27,071	79,672	25,853
330	31,788	3,192	41,995	8,724	41,314	8,437	40,652	8,147	37,331	7,307
505	37,382	3,418	35,270	6,867	34,698	6,684	34,142	6,511	31,352	5,966
365	39,687	8,274	41,169	20,868	40,457	19,908	39,808	18,896	36,556	16,130
353	7,702	1,303	12,603	4,819	12,130	4,858	11,936	5,214	10,961	5,585
364	31,079	6,479	25,569	16,233	24,640	16,677	24,245	17,192	22,264	17,035
334	42,221	9,673	47,997	27,881	45,911	29,820	45,175	32,504	41,484	35,526
335	13,723	3,144	12,794	7,989	12,457	8,289	12,257	8,374	11,256	8,091
313	19,025	6,045	21,597	43,245	20,455	42,226	20,127	41,972	18,482	39,996
316	18,745	5,956	18,565	14,388	18,012	14,330	17,723	14,400	16,275	14,108
320	54,168	17,211	39,460	58,651	37,005	57,542	36,411	57,653	33,436	55,383
321	32,199	10,231	38,369	30,363	36,370	30,344	35,787	30,920	32,863	30,703
602	13,148	4,535	45,683	24,357	44,730	23,831	43,971	23,427	40,287	21,766
595	7,252	2,501	11,107	15,664	10,290	16,225	10,115	16,478	9,268	16,282
464	18,285	6,306	14,138	40,165	12,447	39,796	12,236	39,832	11,211	38,024
443	46,708	7,641	37,913	14,646	37,389	14,323	36,754	14,083	33,675	13,383
460	6,315	874	6,853	2,004	6,739	1,932	6,625	1,881	6,070	1,725
455	16,270	2,253	11,626	5,922	11,388	5,698	11,195	5,539	10,257	5,034
465	20,241	6,981	73,983	38,394	72,945	37,781	71,707	37,330	65,699	35,690
451	41,213	14,422	32,656	25,369	32,026	24,854	31,482	24,479	28,845	23,058
461	58,792	8,142	63,997	21,240	61,536	18,500	60,492	18,057	55,423	16,736
458	8,643	1,197	7,632	3,072	7,455	2,898	7,328	2,811	6,714	2,560
456	12,944	1,793	17,602	4,900	17,359	4,649	17,065	4,457	15,635	3,928
462	65,534	9,075	62,908	23,862	62,022	22,760	60,970	21,914	55,861	19,443
459	9,541	1,321	8,498	5,825	6,480	3,184	6,370	3,145	5,836	2,938
441	36,581	5,984	30,602	15,282	29,614	14,981	29,111	14,778	26,672	13,708
442	8,005	2,761	17,172	10,644	16,547	10,547	16,266	10,460	14,903	9,923
446	6,836	1,118	6,325	2,722	6,216	2,602	6,111	2,512	5,599	2,255
448	52,244	8,547	29,214	12,881	28,199	12,912	27,721	12,960	25,398	12,474
452	7,219	2,526	6,293	4,503	6,184	4,344	6,080	4,224	5,570	3,841
453	9,394	3,287	7,596	6,481	6,604	5,172	6,492	5,071	5,948	4,735
447	13,794	2,257	12,253	5,521	11,765	5,485	11,565	5,536	10,596	5,350
445	18,675	3,055	7,748	8,243	7,608	7,934	7,479	7,696	6,852	7,003
392	73,615	4,380	65,562	11,949	64,406	11,570	63,314	11,342	58,009	10,497
391	42,169	2,509	39,176	6,954	38,453	6,658	37,801	6,471	34,634	5,855
386	89,308	5,314	1,33,170	19,749	1,27,854	14,703	1,25,685	14,531	1,15,154	13,621
388	1,27,042	7,559	99,250	19,925	96,037	17,975	94,407	17,939	86,498	17,454
384	67,488	4,016	45,353	10,133	44,248	9,980	43,498	9,864	39,853	9,264
387	16,234	966	9,804	2,991	9,602	2,859	9,439	2,770	8,648	2,494
385	14,705	875	22,302	2,354	21,980	2,450	21,607	2,461	19,797	2,344
389	41,335	2,460	47,191	7,374	46,460	7,237	45,672	7,113	41,845	6,572
390	50,226	2,989	80,415	11,549	77,482	9,067	76,168	9,035	69,786	8,558
381	58,703	3,493	71,151	11,778	69,995	11,797	68,807	11,754	63,042	11,122
382	46,350	2,758	18,975	3,498	18,618	3,368	18,302	3,280	16,768	2,993
368	57,609	12,984	51,558	32,651	50,351	31,806	49,497	31,191	45,350	29,016
377	20,673	5	10,848	269	10,496	433	10,318	567	9,453	725
372	42,284	9,530	42,642	66,049	42,046	64,445	41,333	63,165	37,870	58,913
370	11,137	2,510	13,253	7,789	13,058	7,552	12,836	7,371	11,761	6,736
369	10,792	2,432	14,229	6,873	14,029	6,773	13,791	6,668	12,635	6,303
376	28,769	6	37,261	626	36,409	1,098	35,791	1,383	32,793	1,724
378	24,802	5	27,635	275	26,900	522	26,444	673	24,228	859
383	13,528	805	11,675	2,226	11,453	2,321	11,258	2,328	10,315	2,222
380	24,175	1,439	36,743	4,373	36,240	4,223	35,625	4,114	32,640	3,770
315	30,326	9,636	52,074	25,609	51,182	25,011	50,361	24,408	46,246	22,667
309	12,292	3,906	23,536	11,639	22,808	11,474	22,442	11,690	20,608	11,576
312	10,237	3,253	18,239	8,327	17,859	8,107	17,573	7,889	16,137	7,237
314	7,427	2,360	10,097	6,831	9,634	6,772	9,480	6,984	8,705	7,050
295	3,587	677	7,091	3,547	6,873	3,437	6,763	3,345	6,210	3,000
303	9,974	1,884	17,315	9,814	16,821	10,541	16,551	11,033	15,199	11,450

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
301	6,706	1,267	13,654	6,396	13,245	6,356	13,033	6,416	11,968	6,188
296	7,806	1,474	14,127	8,747	13,545	8,775	13,328	8,972	12,239	8,866
304	37,353	7,055	13,715	7,585	12,679	7,812	12,476	8,983	11,456	10,586
302	6,877	1,299	15,023	5,958	14,700	5,734	14,464	5,511	13,283	4,852
300	8,309	1,569	18,070	7,419	17,712	7,202	17,428	6,985	16,004	6,344
298	2,997	566	5,989	2,601	5,836	2,500	5,742	2,404	5,273	2,099
324	28,695	9,117	23,726	25,948	21,070	26,912	20,732	28,966	19,038	31,349
323	26,281	8,351	39,382	26,192	38,015	25,486	37,405	25,674	34,349	24,727
331	23,855	2,395	29,883	6,706	29,426	6,441	28,954	6,164	26,589	5,399
344	44,732	7,569	69,694	28,163	68,276	28,054	67,181	27,791	61,692	25,927
345	47,089	7,968	37,731	24,835	36,187	24,814	35,607	25,845	32,698	26,692
336	21,292	2,437	25,438	7,107	24,886	7,045	24,487	7,071	22,486	6,784
341	16,502	1,889	26,530	8,174	25,974	8,390	25,557	8,474	23,469	8,277
349	26,913	4,554	32,465	11,308	31,483	11,992	30,978	12,842	28,447	13,722
354	14,565	2,464	23,528	9,112	23,147	8,745	22,776	8,352	20,915	7,293
366	71,439	14,893	81,763	34,814	79,927	34,925	78,645	35,637	72,220	35,956
350	23,477	3,972	30,552	12,006	29,938	12,691	29,458	12,926	27,051	12,639
367	18,871	3,934	16,126	9,366	15,808	9,024	15,555	8,637	14,284	7,470
249	13,969	2,997	24,354	10,854	23,936	10,440	23,552	10,001	21,628	8,808
260	34,578	5,369	45,211	14,873	44,396	14,399	43,684	13,926	40,115	12,528
257	11,008	1,709	14,830	4,902	14,317	4,782	14,088	4,992	12,937	5,031
271	58,882	9,142	47,271	13,148	46,001	12,963	45,263	13,396	41,566	13,520
256	17,784	2,761	26,597	7,814	25,933	7,840	25,517	8,038	23,433	7,916
245	7,910	1,554	11,774	4,707	11,566	4,549	11,380	4,383	10,450	3,923
244	4,909	965	7,055	2,895	6,937	2,794	6,826	2,687	6,268	2,396
250	5,329	1,143	6,256	4,403	6,141	4,263	6,042	4,114	5,548	3,708
258	16,084	2,497	20,168	7,283	19,104	8,135	18,797	9,581	17,262	11,416
251	12,817	2,750	12,286	15,486	11,988	16,000	11,796	16,208	10,832	16,160
259	25,580	3,972	36,201	8,475	35,608	8,400	35,037	8,345	32,174	8,100
246	5,233	1,028	6,692	3,104	6,578	2,996	6,472	2,881	5,944	2,568
261	10,041	1,559	17,224	4,381	16,951	4,258	16,679	4,130	15,317	3,769
255	9,497	2,037	5,545	4,428	5,309	4,760	5,223	4,949	4,797	4,916
277	20,405	3,077	18,501	7,004	18,129	6,739	17,838	6,475	16,381	5,683
276	25,167	3,795	27,826	10,023	27,282	9,759	26,845	9,511	24,652	8,716
278	62,464	6,955	58,985	16,008	58,133	15,239	57,200	14,405	52,527	12,196
290	14,393	4,077	17,179	11,471	16,833	11,129	16,563	10,771	15,210	9,757
288	12,028	2,580	19,827	9,183	19,030	10,107	18,725	11,105	17,195	12,196
287	8,450	1,813	16,034	7,066	15,770	6,822	15,517	6,559	14,249	5,849
285	5,422	3,981	5,632	9,927	5,476	9,946	5,389	9,865	4,948	9,458
283	2,834	2,081	3,343	5,140	3,274	4,881	3,221	4,598	2,958	3,861
279	15,636	3,073	16,471	7,158	16,162	6,876	15,903	6,581	14,603	5,760
275	19,466	3,594	24,831	9,097	24,370	8,867	23,979	8,640	22,020	7,952
272	34,311	7,073	44,050	20,866	43,296	20,532	42,602	20,062	39,121	18,575
273	15,025	3,097	7,083	5,836	6,545	6,819	6,440	7,857	5,914	9,248
289	11,660	3,302	9,880	7,230	9,523	7,227	9,370	7,302	8,605	7,198
291	4,827	552	6,095	2,402	5,958	2,357	5,862	2,320	5,384	2,179
293	9,093	3,885	9,164	9,772	8,809	10,400	8,668	10,902	7,960	11,295
294	17,369	7,421	17,666	18,348	17,307	18,477	17,029	18,171	15,638	16,691
204	20,360	7,573	21,597	18,591	19,935	18,098	17,576	17,630	12,225	16,952
205	4,863	1,809	6,797	5,247	6,274	5,577	5,532	5,345	3,848	5,316
187	13,576	3,978	20,770	12,358	19,172	12,062	16,903	11,926	11,757	11,777
191	19,754	5,788	34,549	19,634	31,890	19,109	28,116	18,594	19,556	17,825
192	8,997	2,636	15,240	7,597	14,067	7,378	12,402	7,163	8,626	6,837
181	12,534	3,672	25,744	12,504	23,763	12,118	20,951	11,736	14,572	11,171
190	7,545	2,211	13,446	7,552	12,411	7,234	10,943	6,918	7,611	6,438
403	7,837	733	16,819	3,249	16,521	3,411	16,241	3,417	14,880	3,249
399	9,539	892	33,073	3,381	32,574	3,301	32,022	3,223	29,339	2,949
137	17,542	2,317	22,581	7,696	20,843	7,616	18,376	7,770	12,782	8,130
136	25,446	3,361	30,217	10,327	27,892	10,056	24,591	9,881	17,104	9,667
425	17,991	2,630	22,642	7,415	22,341	7,217	21,962	7,060	20,122	6,503
424	9,468	1,384	11,609	3,892	11,445	3,742	11,251	3,627	10,308	3,293
419	37,596	5,496	40,252	15,740	39,598	15,570	38,926	15,291	35,665	14,228
435	28,153	4,115	35,895	11,613	35,048	11,789	34,453	11,879	31,567	11,660
436	5,676	830	5,942	1,847	5,806	1,807	5,707	1,782	5,229	1,701

TAZ No.	Pop2017	Empl2017	Pop_21 DRP	Emp 21 DRP	Pop_26 DRP	Emp 26 DRP	Pop_31 DRP	Emp 31 DRP	Pop_41 DRP	Emp 41 DRP
440	33,806	3,162	8,084	14,668	7,352	13,742	7,395	13,406	7,611	13,033
398	7,248	678	6,584	1,869	6,437	1,820	6,327	1,776	5,797	1,627
144	31,121	4,111	46,887	15,955	47,091	13,294	47,097	12,735	47,125	11,973
138	40,257	5,318	66,305	19,600	61,202	21,025	53,959	20,745	37,532	21,597
140	5,227	690	7,079	2,549	6,534	2,966	5,761	2,830	4,007	2,951
393	6,962	651	9,937	2,907	9,741	2,844	9,576	2,775	8,774	2,536
434	6,946	1,015	5,764	2,900	5,627	2,932	5,531	2,916	5,068	2,757
429	24,103	3,523	23,922	8,940	23,455	8,915	23,057	8,797	21,125	8,307
430	22,506	3,290	22,124	7,819	21,750	7,645	21,381	7,563	19,589	7,194
431	22,982	3,359	23,141	9,217	22,727	9,083	22,342	8,990	20,470	8,621
433	27,953	4,086	37,746	12,032	37,140	11,858	36,510	11,616	33,451	10,721
421	7,962	1,164	7,724	3,077	7,507	3,206	7,380	3,225	6,762	3,111
422	30,583	4,471	31,702	12,560	31,085	12,425	30,557	12,427	27,997	12,024
139	24,425	3,227	27,112	11,026	25,025	11,432	22,064	11,083	15,346	11,004
141	63,481	8,386	63,438	27,885	63,712	25,278	63,719	24,663	63,750	23,840
379	12,825	1,200	4,341	5,791	3,993	5,681	3,925	5,610	3,596	5,372
411	18,169	1,699	12,569	6,776	11,602	7,311	11,405	7,623	10,449	7,672
423	17,960	2,625	20,667	8,021	19,948	8,190	19,610	8,273	17,967	7,970
426	37,516	5,484	40,909	17,072	40,119	16,906	39,439	16,703	36,134	15,668
428	45,854	6,703	35,800	12,228	35,041	12,185	34,446	12,283	31,560	11,893
439	16,343	1,529	25,412	7,477	24,860	7,359	24,438	7,426	22,390	7,148
397	8,918	834	29,781	3,315	29,330	3,384	28,832	3,353	26,417	3,130
318	23,982	7,620	3,092	17,230	2,599	17,010	2,557	17,109	2,348	16,718
343	19,713	4,110	12,315	9,700	11,255	10,592	11,074	12,139	10,170	14,078
420	17,331	2,533	19,505	6,950	19,147	7,192	18,822	7,166	17,245	6,814
142	44,519	5,881	49,313	18,848	50,761	20,601	52,001	24,462	58,201	45,508
339	17,557	2,009	12,377	4,016	12,042	4,247	11,849	4,393	10,881	4,433
616	63,071	9,247	1,878	9,594	1,569	9,777	1,542	9,823	1,413	9,602
617	17,096	2,507	16,330	6,678	15,891	6,771	15,622	6,807	14,313	6,663
618	41,570	6,095	10,220	16,631	9,477	16,498	9,317	16,463	8,536	15,974
264	10,282	2,206	592	7,145	496	7,171	488	7,250	449	7,269
265	14,433	3,096	91	13,937	-	16,645	-	13,461	-	12,996
266	11,179	2,398	43,488	15,358	42,782	15,826	42,096	16,105	38,657	16,308
267	14,186	3,043	6,061	15,312	5,794	66,102	5,794	65,902	5,794	1,16,645
268	58,185	9,034	24,347	24,403	23,757	24,285	23,376	24,225	21,466	23,805
444	1,27,968	44,134	37,838	13,502	37,214	13,198	36,582	12,995	33,517	12,372
305	51,928	9,808	28,109	15,617	26,920	16,942	26,488	18,500	24,324	20,483
306	17,994	3,399	21,819	9,580	20,970	10,443	20,634	11,600	18,948	13,120
346	39,945	6,759	41,036	19,619	39,977	20,190	39,336	20,880	36,122	21,334
252	30,509	6,545	24,454	19,159	23,904	19,849	23,521	20,207	21,599	20,300
253	14,008	3,005	25,234	11,102	24,773	10,953	24,375	10,816	22,384	10,361
254	10,700	2,295	12,792	5,052	12,191	5,348	11,996	6,194	11,016	7,353
188	9,947	2,914	16,461	9,967	15,194	9,657	13,396	9,399	9,317	9,016
189	11,310	3,314	21,232	10,877	19,598	10,542	17,279	10,269	12,018	9,866
182	16,837	4,933	30,515	15,944	28,167	15,633	24,833	15,111	17,273	14,456
183	14,636	4,288	15,679	9,998	14,472	9,693	12,760	9,395	8,875	8,956
184	29,312	8,589	8,295	4,170	7,657	4,613	6,751	4,402	4,695	4,464
185	6,284	1,841	3,441	3,147	3,177	3,091	2,801	3,081	1,948	3,091
394	7,743	724	2,474	3,143	2,364	3,004	2,324	2,904	2,129	2,610
432	32,134	4,697	21,501	8,814	20,987	8,943	20,631	8,974	18,903	8,772
402	40,491	3,787	10,944	2,294	10,759	2,199	10,576	2,130	9,690	1,914
412	14,583	1,364	11,495	5,827	10,811	6,079	10,628	6,252	9,737	6,166
427	23,463	3,430	18,850	7,099	18,435	7,086	18,122	7,008	16,604	6,629
415	20,641	1,931	35,218	7,933	34,535	7,777	33,949	7,702	31,104	7,327
438	46,993	4,395	23,956	18,202	22,763	15,530	22,827	15,180	23,143	15,211
319	17,735	5,635	18,935	14,733	18,269	14,931	17,976	15,324	16,507	15,447
416	13,481	1,261	20,285	5,525	19,849	5,694	19,512	5,718	17,877	5,543
269	15,861	3,403	414	20,837	264	21,130	260	21,241	239	21,121
270	14,297	2,220	6,704	11,336	6,367	12,058	6,265	12,571	5,753	13,175

Annexure 9-4

Planning Parameters – Delineated Study Area of CSIA, CTSU Scenario

ANNEXURE 9-4: PLANNING PARAMETERS – DELINEATED STUDY AREA OF CSIA, CTSU SCENARIO

Table 1: Planning Parameters CTSU Scenario For CSIA

TAZ No.	Pop2017	Empl2017	Pop_21 CTSU	_21Emp CTSU	Pop_26 CTSU	26 Emp CTSU	Pop_31 CTSU	31Emp CTSU	Pop_41 CTSU	41Emp CTSU
601	8,309	2,866	24,659	20,204	25,871	20,771	26,515	20,895	25,809	20,639
247	14,721	2,893	17,216	8,090	17,259	8,382	17,621	9,092	17,735	10,148
198	21,045	6,166	25,857	18,978	24,329	18,768	23,146	18,376	19,594	18,012
179	18,931	5,547	22,392	17,045	21,068	16,978	20,044	16,645	16,968	16,374
196	17,665	5,176	12,417	13,706	11,683	13,688	11,115	13,972	9,410	14,552
311	5,170	1,643	7,983	4,932	8,071	4,993	8,235	5,056	8,287	4,964
248	7,362	1,447	9,311	4,350	9,327	4,261	9,350	4,108	9,357	3,693
355	2,923	495	3,938	1,993	3,924	2,047	4,025	2,254	4,057	2,552
317	20,734	6,588	19,360	18,405	19,901	19,221	20,829	20,263	21,116	21,507
299	2,739	517	6,167	2,529	6,184	2,517	6,208	2,489	6,216	2,393
338	21,559	2,467	11,687	3,529	12,149	4,333	12,500	4,907	12,610	5,818
340	2,344	268	3,190	1,098	3,212	1,090	3,244	1,067	3,254	978
337	2,623	300	4,195	1,203	4,212	1,194	4,237	1,172	4,245	1,096
342	10,821	1,239	14,887	3,846	14,993	3,931	15,127	3,998	15,169	3,978
357	13,556	1,888	16,098	5,010	16,190	4,977	16,361	4,915	16,407	4,586
358	17,661	2,459	20,012	7,296	20,724	8,701	21,297	9,832	21,476	11,612
332	44,284	4,447	56,933	12,062	57,713	13,180	58,181	13,595	58,327	13,844
286	4,534	3,329	4,427	7,965	4,459	7,786	4,503	7,482	4,517	6,663
457	14,009	1,940	15,004	5,412	15,075	5,365	15,162	5,252	15,068	4,844
449	14,399	2,356	17,839	6,084	17,903	6,018	17,983	5,920	17,896	5,561
352	3,981	674	6,674	2,380	6,752	2,478	6,866	2,583	6,902	2,696
371	14,135	3,186	17,412	9,904	17,607	9,912	17,720	9,823	17,596	9,431
280	5,314	1,044	6,836	3,232	6,959	3,371	7,024	3,367	7,045	3,235
203	33,198	9,727	32,754	23,616	30,818	23,613	29,319	23,109	24,821	22,917
186	16,414	4,809	17,964	14,642	16,902	14,292	16,080	14,135	13,613	13,991
292	15,013	2,950	18,518	9,056	18,833	9,376	19,012	9,317	19,068	8,839
308	8,375	2,661	14,109	7,988	14,182	8,173	14,478	8,595	14,571	9,119
274	17,584	3,247	11,634	6,991	11,735	6,963	11,873	6,861	11,920	6,462
284	4,002	2,939	3,773	7,334	4,225	8,104	4,432	8,446	4,496	8,874
501	16,447	10,891	17,854	31,817	19,124	34,864	21,549	39,218	22,300	45,990
356	12,258	2,074	18,978	7,261	19,101	7,388	19,361	7,594	19,442	7,754
373	16,888	69,035	17,134	1,24,897	18,508	1,25,513	20,178	1,24,175	18,389	1,17,742
363	13,543	2,823	6,861	6,493	6,903	6,365	6,965	6,126	6,985	5,424
307	12,261	3,896	20,624	11,101	20,765	11,137	21,065	11,180	21,158	10,809
640	29,749	9,602	53,392	6,380	54,091	7,501	54,750	8,788	54,958	10,955
282	16,983	3,337	11,901	7,044	12,370	8,422	13,066	10,147	13,281	13,027
374	52,034	11	45,410	504	47,740	1,917	48,825	2,573	47,636	3,386
310	785	249	847	749	897	872	988	1,045	1,016	1,329
325	26,902	8,548	31,038	19,553	31,188	19,769	31,409	20,003	31,478	20,264
502	41,801	3,821	17,873	10,183	18,589	11,721	19,644	13,608	19,974	16,660
262	24,824	3,854	35,037	11,397	35,104	11,225	35,200	10,907	35,231	9,991
450	56,603	9,260	57,146	21,988	58,626	22,618	59,422	22,621	58,549	21,837
375	25,298	6	31,401	232	31,697	257	31,943	338	31,676	433
454	15,501	5,346	24,942	40,037	27,231	41,237	28,636	41,297	27,112	39,960
329	4,143	379	6,295	1,697	6,406	1,907	6,572	2,159	6,623	2,543
463	58,222	20,080	16,307	10,033	16,894	10,317	17,609	10,528	16,840	10,425
615	17,589	2,579	1,908	11,596	2,358	11,756	2,737	11,779	2,328	11,581
322	44,075	14,005	12,962	12,611	13,675	14,161	14,159	15,378	14,309	17,408
180	55,587	16,287	26,319	16,607	24,763	17,213	23,559	16,962	19,944	17,422
518	18,139	4,615	10,391	13,888	10,535	13,906	10,745	13,811	10,812	13,212
297	3,944	745	8,535	3,970	8,611	4,044	8,721	4,096	8,756	4,040
281	12,120	2,382	10,228	6,752	10,726	8,082	11,310	9,556	11,491	12,023
351	12,028	2,035	15,697	8,142	16,293	9,837	17,195	11,979	17,475	15,553
467	15,712	5,419	21,195	25,468	21,561	25,469	22,005	25,432	21,528	24,855
466	18,965	6,541	44,079	33,924	44,887	34,051	45,477	33,854	44,834	32,721
263	17,138	3,677	206	8,940	354	9,191	469	9,356	506	9,562
326	38,583	3,874	30,214	11,492	30,589	12,724	31,424	14,560	31,684	17,398
328	30,203	3,033	26,568	8,039	27,159	9,327	27,816	10,644	28,021	12,762
327	4,329	2,867	6,279	7,252	6,539	8,076	7,088	9,275	7,258	11,122

TAZ No.	Pop2017	Empl2017	Pop_21 CTSU	_21Emp CTSU	Pop_26 CTSU	26 Emp CTSU	Pop_31 CTSU	31Emp CTSU	Pop_41 CTSU	41Emp CTSU
333	1,06,467	10,691	90,724	26,685	91,958	28,399	92,834	29,091	93,108	29,268
330	31,788	3,192	42,152	8,822	42,235	8,719	42,355	8,508	42,393	7,854
505	37,382	3,418	35,401	6,939	35,470	6,897	35,568	6,785	35,600	6,389
365	39,687	8,274	41,376	21,157	41,487	20,710	41,650	19,912	41,702	17,649
353	7,702	1,303	12,968	4,929	13,022	5,154	13,269	5,624	13,346	6,336
364	31,079	6,479	26,273	16,550	26,994	17,773	27,681	18,674	27,894	19,604
334	42,221	9,673	49,725	28,457	51,115	31,801	52,675	35,260	53,158	40,663
335	13,723	3,144	12,995	8,092	13,440	8,714	13,713	8,942	13,799	9,064
313	19,025	6,045	22,616	43,777	22,727	43,698	23,400	43,926	23,609	43,167
316	18,745	5,956	18,932	14,525	19,127	14,745	19,418	14,956	19,510	15,046
320	54,168	17,211	41,760	59,495	42,472	60,020	44,159	60,975	44,682	60,828
321	32,199	10,231	40,144	30,791	41,000	31,605	42,406	32,623	42,842	33,661
602	13,148	4,535	46,624	24,787	47,463	24,985	48,219	24,971	47,404	24,218
595	7,252	2,501	12,615	16,057	15,091	17,653	16,678	18,445	14,958	19,117
464	18,285	6,306	17,480	41,206	19,447	42,323	21,805	43,309	19,278	43,649
443	46,708	7,641	38,113	14,878	38,250	14,711	38,453	14,604	38,280	14,112
460	6,315	874	6,931	2,048	6,976	2,037	7,030	2,020	6,972	1,921
455	16,270	2,253	11,854	6,032	11,984	6,028	12,143	5,978	11,972	5,674
465	20,241	6,981	74,403	38,944	74,643	38,541	74,934	38,329	74,619	37,432
451	41,213	14,422	33,219	25,700	33,621	25,689	34,040	25,585	33,589	24,854
461	58,792	8,142	67,775	22,431	63,387	19,425	63,773	19,280	63,355	18,416
458	8,643	1,197	7,830	3,143	7,767	3,047	7,844	3,007	7,761	2,835
456	12,944	1,793	17,691	4,987	17,743	4,929	17,806	4,823	17,739	4,438
462	65,534	9,075	63,274	24,192	63,479	23,961	63,730	23,481	63,458	21,778
459	9,541	1,321	12,693	6,875	7,176	3,470	7,384	3,531	7,156	3,475
441	36,581	5,984	31,997	15,718	33,327	16,542	34,479	16,893	33,238	16,597
442	8,005	2,761	18,110	10,920	19,069	11,417	19,860	11,644	19,004	11,547
446	6,836	1,118	6,404	2,763	6,447	2,745	6,500	2,700	6,442	2,521
448	52,244	8,547	30,701	13,351	32,222	14,341	33,486	14,916	32,125	15,144
452	7,219	2,526	6,372	4,551	6,416	4,524	6,470	4,459	6,411	4,217
453	9,394	3,287	9,573	6,994	7,113	5,430	7,258	5,412	7,100	5,220
447	13,794	2,257	13,013	5,752	13,451	6,026	13,984	6,280	13,413	6,434
445	18,675	3,055	7,860	8,310	7,929	8,278	8,008	8,143	7,923	7,664
392	73,615	4,380	66,450	12,414	66,961	12,375	67,583	12,431	66,916	12,032
391	42,169	2,509	39,775	7,233	40,126	7,249	40,546	7,266	40,094	6,928
386	89,308	5,314	1,41,456	22,250	1,31,619	15,638	1,32,391	15,789	1,31,552	15,508
388	1,27,042	7,559	1,03,792	21,448	1,01,169	19,297	1,02,545	19,759	1,01,064	19,843
384	67,488	4,016	46,633	10,636	47,916	11,223	48,994	11,566	47,832	11,467
387	16,234	966	10,001	3,075	10,115	3,083	10,253	3,071	10,105	2,905
385	14,705	875	22,448	2,475	22,929	2,718	23,162	2,827	22,908	2,877
389	41,335	2,460	47,609	7,656	48,092	7,732	48,465	7,780	48,062	7,567
390	50,226	2,989	84,812	12,922	80,048	9,659	80,608	9,838	79,996	9,830
381	58,703	3,493	71,900	12,222	72,936	12,584	73,661	12,824	72,877	12,803
382	46,350	2,758	19,281	3,609	19,454	3,579	19,666	3,560	19,437	3,391
368	57,609	12,984	52,907	33,233	54,146	33,860	55,244	33,941	54,062	32,803
377	20,673	5	11,347	411	11,859	744	12,284	1,003	11,826	1,316
372	42,284	9,530	42,879	66,534	43,185	66,218	43,405	65,472	43,166	62,890
370	11,137	2,510	13,348	7,880	13,401	7,813	13,466	7,711	13,395	7,348
369	10,792	2,432	14,312	6,968	14,510	7,002	14,618	6,971	14,501	6,768
376	28,769	6	38,191	970	39,634	1,863	40,586	2,452	39,556	3,137
378	24,802	5	28,551	496	29,549	939	30,342	1,255	29,484	1,621
383	13,528	805	11,869	2,300	12,366	2,558	12,627	2,651	12,341	2,690
380	24,175	1,439	36,923	4,545	37,025	4,418	37,150	4,371	37,016	4,156
315	30,326	9,636	52,323	25,808	52,458	25,600	52,656	25,166	52,718	23,800
309	12,292	3,906	24,035	11,829	24,115	11,981	24,453	12,374	24,558	12,761
312	10,237	3,253	18,405	8,409	18,493	8,343	18,618	8,193	18,659	7,702
314	7,427	2,360	10,490	6,952	10,575	7,097	10,850	7,427	10,935	7,829
295	3,587	677	7,239	3,604	7,319	3,603	7,436	3,562	7,473	3,345
303	9,974	1,884	17,632	9,917	18,279	11,046	18,689	11,727	18,818	12,701

TAZ No.	Pop2017	Empl2017	Pop_21 CTSU	_21Emp CTSU	Pop_26 CTSU	26 Emp CTSU	Pop_31 CTSU	31Emp CTSU	Pop_41 CTSU	41Emp CTSU
301	6,706	1,267	13,926	6,505	14,073	6,694	14,289	6,869	14,357	6,951
296	7,806	1,474	14,597	8,898	14,855	9,238	15,237	9,597	15,355	9,947
304	37,353	7,055	14,731	7,827	14,809	8,413	15,466	9,836	15,672	12,238
302	6,877	1,299	15,174	6,038	15,253	5,965	15,367	5,807	15,404	5,304
300	8,309	1,569	18,214	7,497	18,290	7,428	18,400	7,275	18,436	6,787
298	2,997	566	6,079	2,643	6,126	2,619	6,196	2,558	6,218	2,340
324	28,695	9,117	26,509	26,426	27,859	28,368	30,077	30,999	30,762	35,138
323	26,281	8,351	40,393	26,666	40,439	26,756	41,088	27,375	41,290	27,583
331	23,855	2,395	29,962	6,787	30,005	6,677	30,067	6,467	30,086	5,846
344	44,732	7,569	70,294	28,557	71,032	29,367	71,653	29,524	71,847	28,777
345	47,089	7,968	38,976	25,239	39,154	25,882	39,990	27,311	40,251	29,347
336	21,292	2,437	25,698	7,213	25,852	7,360	26,075	7,490	26,142	7,494
341	16,502	1,889	26,779	8,262	27,144	8,741	27,410	8,943	27,496	9,078
349	26,913	4,554	33,127	11,505	33,728	12,698	34,345	13,819	34,537	15,521
354	14,565	2,464	23,615	9,219	23,673	9,050	23,744	8,740	23,766	7,863
366	71,439	14,893	82,673	35,160	83,005	35,913	83,674	36,980	83,885	38,355
350	23,477	3,972	30,805	12,162	31,610	13,393	32,034	13,869	32,168	14,272
367	18,871	3,934	16,252	9,506	16,371	9,434	16,487	9,161	16,524	8,281
249	13,969	2,997	24,473	10,978	24,536	10,781	24,628	10,432	24,657	9,454
260	34,578	5,369	45,477	15,043	45,619	14,892	45,822	14,560	45,888	13,492
257	11,008	1,709	15,208	5,039	15,229	5,130	15,466	5,463	15,541	5,864
271	58,882	9,142	48,044	13,408	48,138	13,637	48,648	14,311	48,807	15,137
256	17,784	2,761	26,972	7,974	27,177	8,317	27,477	8,679	27,571	9,033
245	7,910	1,554	11,839	4,758	11,873	4,689	11,921	4,562	11,937	4,193
244	4,909	965	7,085	2,925	7,102	2,880	7,125	2,796	7,133	2,557
250	5,329	1,143	6,295	4,445	6,316	4,378	6,346	4,260	6,356	3,928
258	16,084	2,497	21,118	7,554	21,640	9,009	22,411	10,809	22,651	13,749
251	12,817	2,750	12,449	15,574	12,989	16,425	13,268	16,781	13,355	17,166
259	25,580	3,972	36,344	8,522	36,420	8,535	36,532	8,520	36,568	8,385
246	5,233	1,028	6,724	3,137	6,741	3,086	6,765	2,995	6,773	2,740
261	10,041	1,559	17,279	4,422	17,309	4,372	17,351	4,275	17,365	3,991
255	9,497	2,037	5,740	4,519	6,124	5,136	6,371	5,457	6,449	5,806
277	20,405	3,077	18,656	7,102	18,752	7,022	18,876	6,839	18,915	6,240
276	25,167	3,795	28,038	10,132	28,153	10,076	28,317	9,920	28,370	9,351
278	62,464	6,955	59,082	16,222	59,155	15,833	59,237	15,153	59,263	13,297
290	14,393	4,077	17,323	11,584	17,407	11,452	17,524	11,184	17,560	10,378
288	12,028	2,580	20,465	9,381	21,190	10,886	21,834	12,187	22,034	14,189
287	8,450	1,813	16,098	7,140	16,139	7,023	16,190	6,813	16,206	6,230
285	5,422	3,981	5,729	9,994	5,924	10,193	6,044	10,189	6,083	9,985
283	2,834	2,081	3,373	5,209	3,390	5,070	3,413	4,836	3,421	4,210
279	15,636	3,073	16,582	7,248	16,641	7,126	16,725	6,899	16,753	6,240
275	19,466	3,594	24,993	9,186	25,080	9,118	25,202	8,963	25,242	8,452
272	34,311	7,073	44,261	21,048	44,529	21,102	44,741	20,795	44,809	19,721
273	15,025	3,097	7,610	5,966	8,241	7,375	8,782	8,642	8,951	10,765
289	11,660	3,302	10,151	7,311	10,296	7,466	10,508	7,623	10,575	7,753
291	4,827	552	6,163	2,426	6,199	2,426	6,251	2,410	6,268	2,323
293	9,093	3,885	9,443	9,900	9,977	10,935	10,332	11,636	10,442	12,624
294	17,369	7,421	17,817	18,569	18,467	19,366	18,781	19,344	18,878	18,559
204	20,360	7,573	21,307	18,530	20,048	18,125	19,073	17,836	16,147	17,460
205	4,863	1,809	6,706	5,228	6,310	5,570	6,003	5,443	5,082	5,594
187	13,576	3,978	20,492	12,246	19,281	12,078	18,343	12,207	15,529	12,515
191	19,754	5,788	34,086	19,587	32,071	19,140	30,512	18,775	25,830	18,253
192	8,997	2,636	15,035	7,578	14,147	7,394	13,459	7,243	11,394	7,018
181	12,534	3,672	25,399	12,472	23,898	12,137	22,736	11,861	19,247	11,475
190	7,545	2,211	13,266	7,526	12,482	7,257	11,875	7,026	10,053	6,682
403	7,837	733	17,049	3,347	17,847	3,793	18,225	3,936	17,810	3,988
399	9,539	892	33,336	3,543	33,629	3,557	33,858	3,565	33,609	3,422
137	17,542	2,317	22,278	7,558	20,961	7,589	19,942	8,038	16,882	8,946
136	25,446	3,361	29,812	10,253	28,050	10,061	26,686	10,066	22,592	10,175
425	17,991	2,630	22,736	7,540	22,822	7,460	22,899	7,378	22,816	7,062
424	9,468	1,384	11,677	3,954	11,715	3,909	11,762	3,845	11,711	3,616
419	37,596	5,496	40,674	15,999	41,754	16,470	42,320	16,492	41,699	15,984
435	28,153	4,115	36,850	11,982	38,054	12,595	38,935	12,985	37,980	13,252
436	5,676	830	6,092	1,895	6,175	1,888	6,277	1,892	6,166	1,848

TAZ No.	Pop2017	Empl2017	Pop_21 CTSU	_21Emp CTSU	Pop_26 CTSU	26 Emp CTSU	Pop_31 CTSU	31Emp CTSU	Pop_41 CTSU	41Emp CTSU
440	33,806	3,162	9,757	15,168	7,352	14,985	7,395	15,093	7,611	14,993
398	7,248	678	6,742	1,915	6,894	1,956	7,024	1,958	6,883	1,877
144	31,121	4,111	46,258	15,702	47,091	13,323	47,097	12,912	47,125	12,400
138	40,257	5,318	65,416	19,399	61,549	20,946	58,557	21,290	49,572	23,277
140	5,227	690	6,984	2,530	6,571	2,953	6,252	2,914	5,293	3,202
393	6,962	651	10,115	2,970	10,359	3,058	10,529	3,060	10,344	2,932
434	6,946	1,015	5,919	2,970	6,307	3,233	6,513	3,325	6,288	3,320
429	24,103	3,523	24,346	9,111	25,196	9,507	25,691	9,592	25,152	9,396
430	22,506	3,290	22,390	8,050	22,542	8,165	22,728	8,268	22,528	8,141
431	22,982	3,359	23,466	9,397	23,695	9,362	23,934	9,362	23,675	9,189
433	27,953	4,086	38,128	12,271	39,020	12,688	39,508	12,726	38,976	12,287
421	7,962	1,164	8,003	3,161	8,687	3,585	9,053	3,742	8,653	3,819
422	30,583	4,471	32,259	13,022	32,715	13,524	33,147	13,932	32,680	14,039
139	24,425	3,227	26,748	10,976	25,167	11,438	23,943	11,294	20,270	11,553
141	63,481	8,386	62,587	27,638	63,712	25,300	63,719	24,849	63,750	24,311
379	12,825	1,200	4,993	5,992	5,581	6,307	6,110	6,469	5,542	6,396
411	18,169	1,699	14,367	7,192	16,765	8,798	18,474	9,681	16,626	10,490
423	17,960	2,625	21,721	8,346	23,136	9,307	24,142	9,804	23,055	10,080
426	37,516	5,484	41,614	17,416	42,684	17,909	43,393	18,052	42,623	17,708
428	45,854	6,703	36,565	12,818	37,314	13,692	37,949	14,355	37,263	14,703
439	16,343	1,529	25,984	7,928	26,313	8,501	26,713	8,996	26,284	9,243
397	8,918	834	30,024	3,463	30,663	3,743	31,016	3,843	30,646	3,809
318	23,982	7,620	3,630	17,432	3,776	17,582	4,158	17,877	4,278	18,005
343	19,713	4,110	13,382	9,999	13,955	11,549	14,820	13,482	15,088	16,623
420	17,331	2,533	19,800	7,079	21,128	7,863	21,713	8,075	21,070	8,085
142	44,519	5,881	48,651	18,600	50,761	20,622	52,001	24,609	58,201	45,873
339	17,557	2,009	12,582	4,070	12,868	4,477	13,088	4,705	13,157	4,985
616	63,071	9,247	2,507	9,762	3,616	10,449	4,303	10,743	3,558	10,907
617	17,096	2,507	16,881	6,882	17,627	7,285	18,154	7,512	17,584	7,641
618	41,570	6,095	11,585	17,053	12,659	17,633	13,711	18,018	12,580	18,065
264	10,282	2,206	697	7,186	755	7,297	841	7,421	868	7,569
265	14,433	3,096	198	13,992	-	16,756	-	13,600	-	13,192
266	11,179	2,398	43,650	15,421	44,068	16,144	44,307	16,540	44,382	17,090
267	14,186	3,043	6,373	15,388	5,794	66,223	5,794	66,053	5,794	1,16,859
268	58,185	9,034	24,668	24,505	24,842	24,587	25,090	24,624	25,170	24,461
444	1,27,968	44,134	38,256	13,758	38,489	13,622	38,915	13,590	38,566	13,172
305	51,928	9,808	29,082	15,863	30,008	17,882	30,926	19,821	31,213	22,994
306	17,994	3,399	22,488	9,763	23,017	11,095	23,610	12,520	23,796	14,883
346	39,945	6,759	41,655	19,850	42,256	21,003	42,862	21,993	43,047	23,330
252	30,509	6,545	24,726	19,280	25,423	20,414	25,818	20,971	25,943	21,657
253	14,008	3,005	25,391	11,169	25,473	11,142	25,591	11,059	25,629	10,746
254	10,700	2,295	13,306	5,210	13,370	5,775	13,715	6,800	13,822	8,533
188	9,947	2,914	16,240	9,915	15,280	9,683	14,537	9,568	12,306	9,416
189	11,310	3,314	20,948	10,818	19,709	10,571	18,751	10,457	15,874	10,314
182	16,837	4,933	30,106	15,901	28,326	15,651	26,949	15,287	22,814	14,900
183	14,636	4,288	15,469	9,970	14,554	9,707	13,847	9,498	11,722	9,210
184	29,312	8,589	8,184	4,149	7,700	4,601	7,326	4,506	6,202	4,772
185	6,284	1,841	3,395	3,117	3,195	3,088	3,039	3,147	2,573	3,283
394	7,743	724	2,654	3,181	2,754	3,203	2,876	3,167	2,743	2,972
432	32,134	4,697	22,087	9,045	23,010	9,518	23,612	9,761	22,958	9,883
402	40,491	3,787	11,075	2,351	11,150	2,326	11,241	2,298	11,143	2,162
412	14,583	1,364	12,701	6,134	14,118	7,101	15,201	7,661	14,031	8,123
427	23,463	3,430	19,287	7,241	19,973	7,526	20,421	7,600	19,935	7,476
415	20,641	1,931	35,830	8,206	36,178	8,223	36,603	8,306	36,145	8,190
438	46,993	4,395	26,667	19,594	22,763	17,507	22,827	17,890	23,143	18,102
319	17,735	5,635	19,430	14,919	19,761	15,540	20,180	16,153	20,311	16,897
416	13,481	1,261	20,731	5,676	21,655	6,143	22,187	6,331	21,609	6,426
269	15,861	3,403	585	20,911	958	21,456	1,180	21,678	1,251	21,873
270	14,297	2,220	6,999	11,398	7,578	12,415	7,954	13,068	8,072	14,108