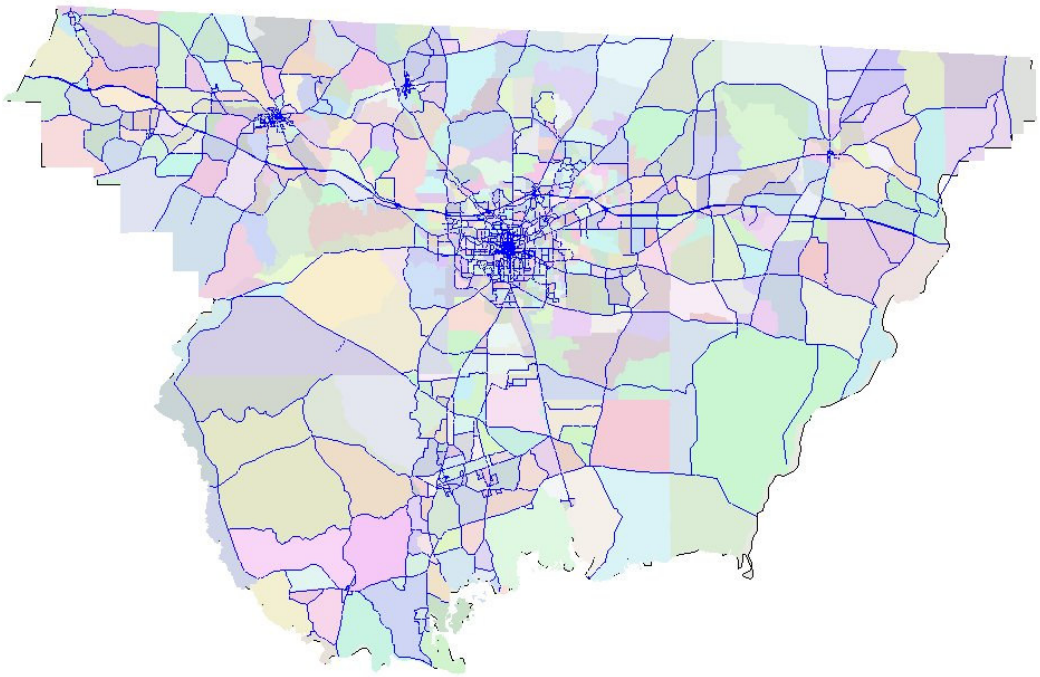
Capital Region Transportation Planning Agency

2035 Long Range Transportation Plan

Year 2007 Model Validation

Technical Report # 1 Data Development and Data Review



Prepared For

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1 Introduction

This report is the first of two technical reports for Capital Region Transportation Planning Agency (CRTPA) 2007 Model Validation study. The State of Florida selected CUBE as the next generation software platform for the Florida Standard Urban Transportation Model Structure (FSTUMS). Florida Department of Transportation (FDOT) central office converted the CRTPA 2003 FSUTMS/TRANPLAN model to FSUTMS/Cube Voyager (CV). The CRTPA 2007 model is based on the CRTPA 2003 FSUTMS/CV. This report describes the data development and review process for preparing the base year 2007 model validation. The primary objectives of CRTPA Model Validation Study were to evaluate the current CRTPA model structure, expand the study area to include Jefferson County, include a transit mode in the model, develop a new mode choice module, compile base year 2007 data, review data assumptions, and validate a new base year 2007 model. The CRTPA 2007 Model was designed with the intent of becoming the CRTPA official model to forecast travel demand in the region in support of the 2035 *Regional Mobility Plan* for the Tallahassee metropolitan area.

This technical report describes the data development, review and verification process including the socioeconomic data (ZDATA), highway network, and traffic counts to ensure data were adequate for planning purposes.

The CRTPA 2007 base year model includes an expanded model area of Gadsden, Jefferson, Leon, and Wakulla counties. Figure 1 shows the model area.

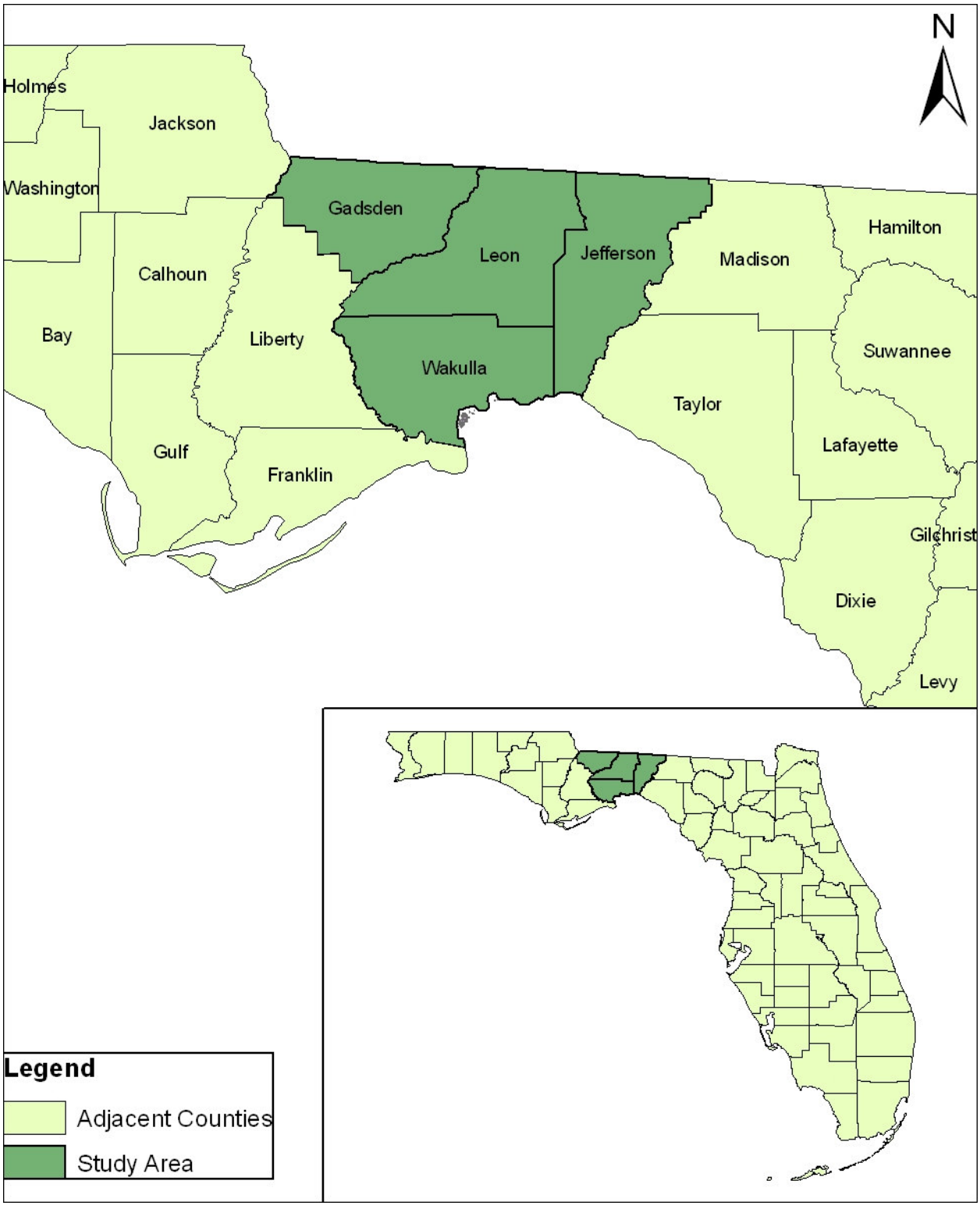

Figure 1 Project Location

2 Mapping

2.1 Study Area Boundary

The study area was revised for the base year 2007 model so that it includes all of Gadsden, Jefferson, Leon, and Wakulla Counties. Figure 2 below shows the four county study area and the CRTPA MPO boundary.

2.2 Traffic Analysis Zone Boundaries

Traffic analysis zones (TAZs) were delineated by CRTPA staff for Jefferson County. The existing zone boundaries for Gadsden, Leon, and Wakulla Counties were sufficient and therefore were not revised. The zone boundaries are consistent with Census boundaries. Figure 3 shows the TAZ boundaries.

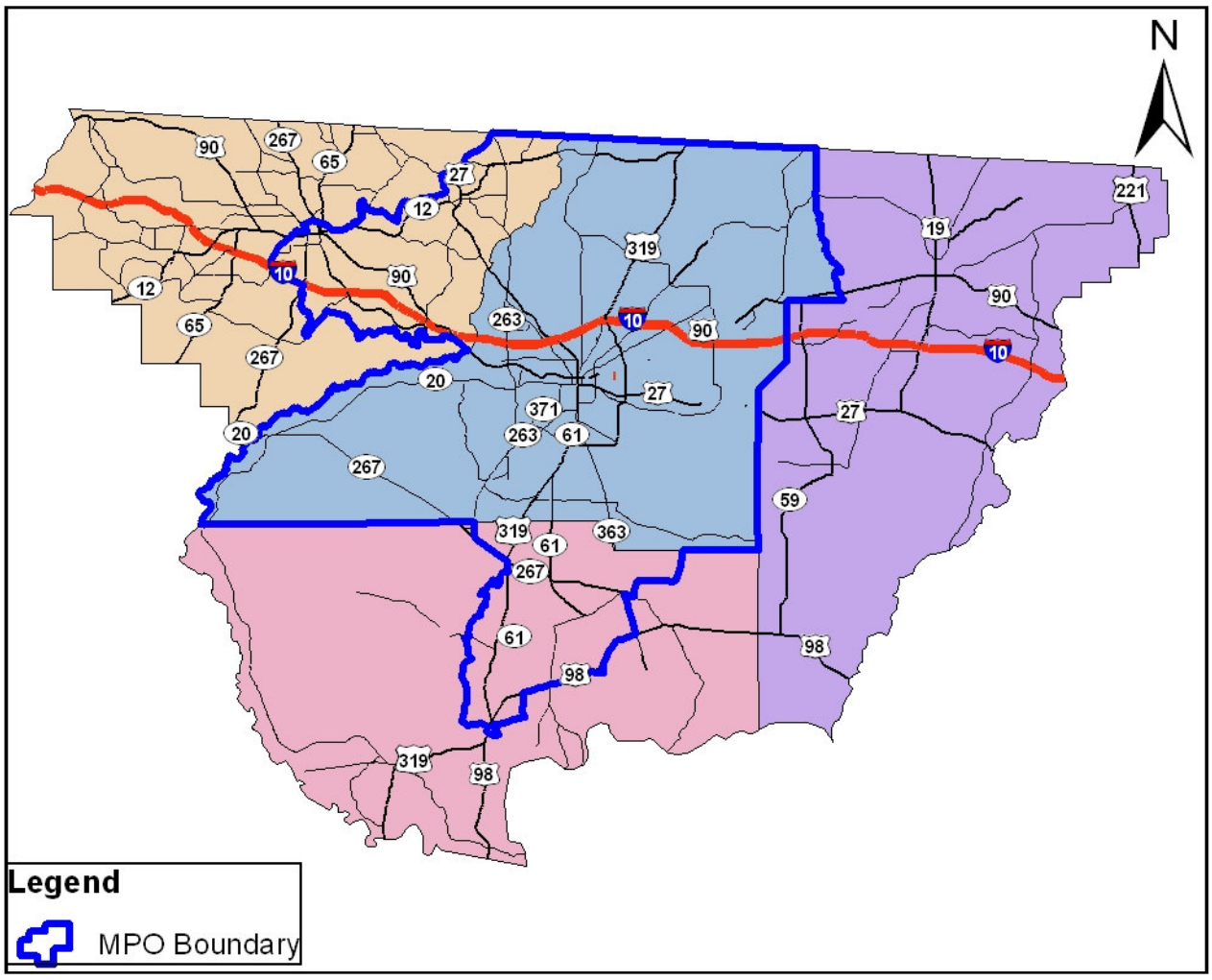

Figure 2 Study Area Boundary

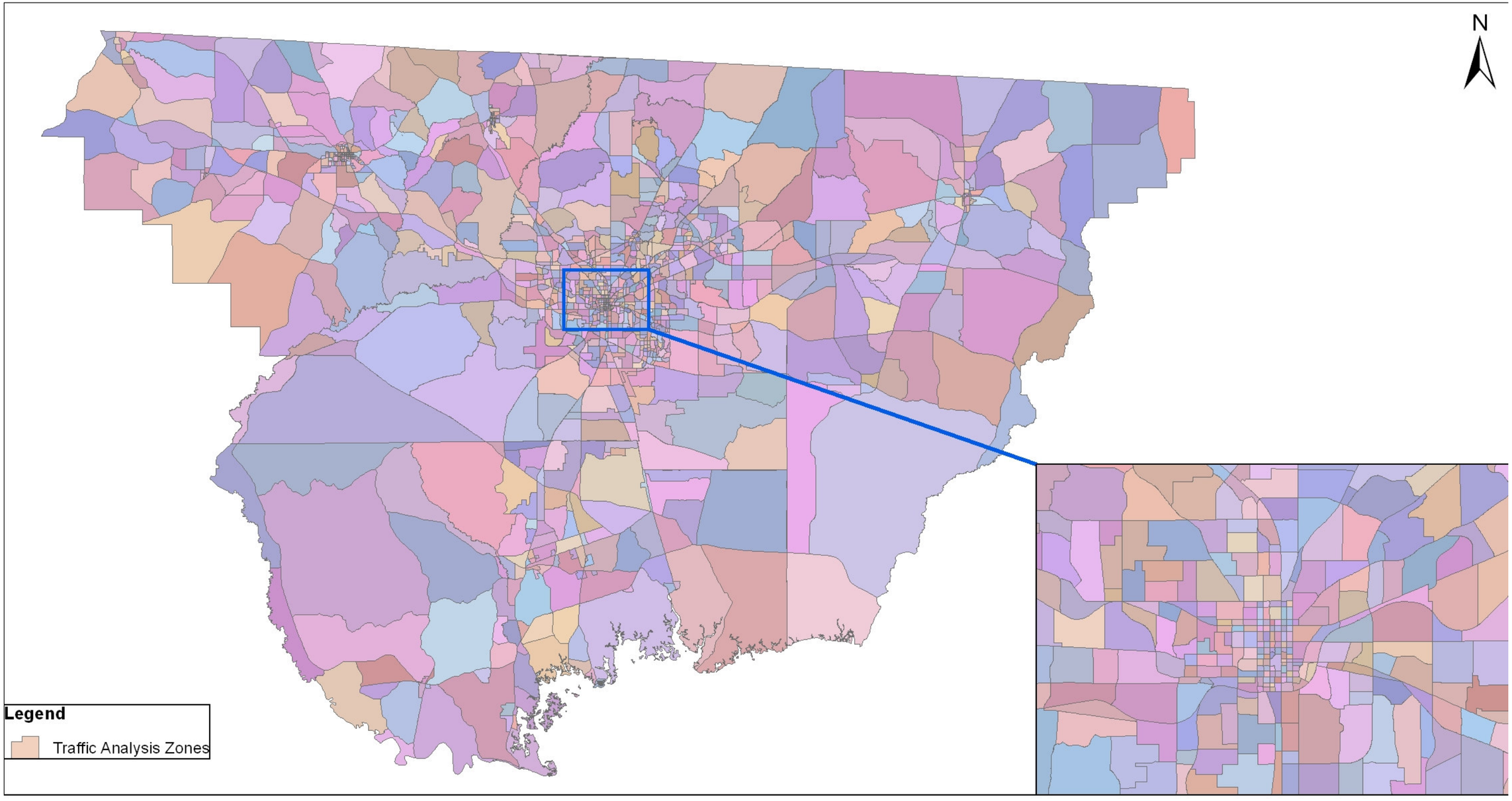

Figure 3 Traffic Analysis Zones

2.3 Highway System Network Map

The highway network is a series of links and nodes representing the area's roadway system. Nodes are points in the network and links represent the network segment between two nodes. Each link has attributes that characterize the roadway or transit network segment.

The consultant added roadway network links and nodes for Jefferson County to the existing base year model and updated the network in Gadsden, Leon, and Wakulla Counties. The road network outside of the MPO boundary was coded at a lower level of detail than those inside the MPO boundary. Figure 4 depicts the Highway system network.

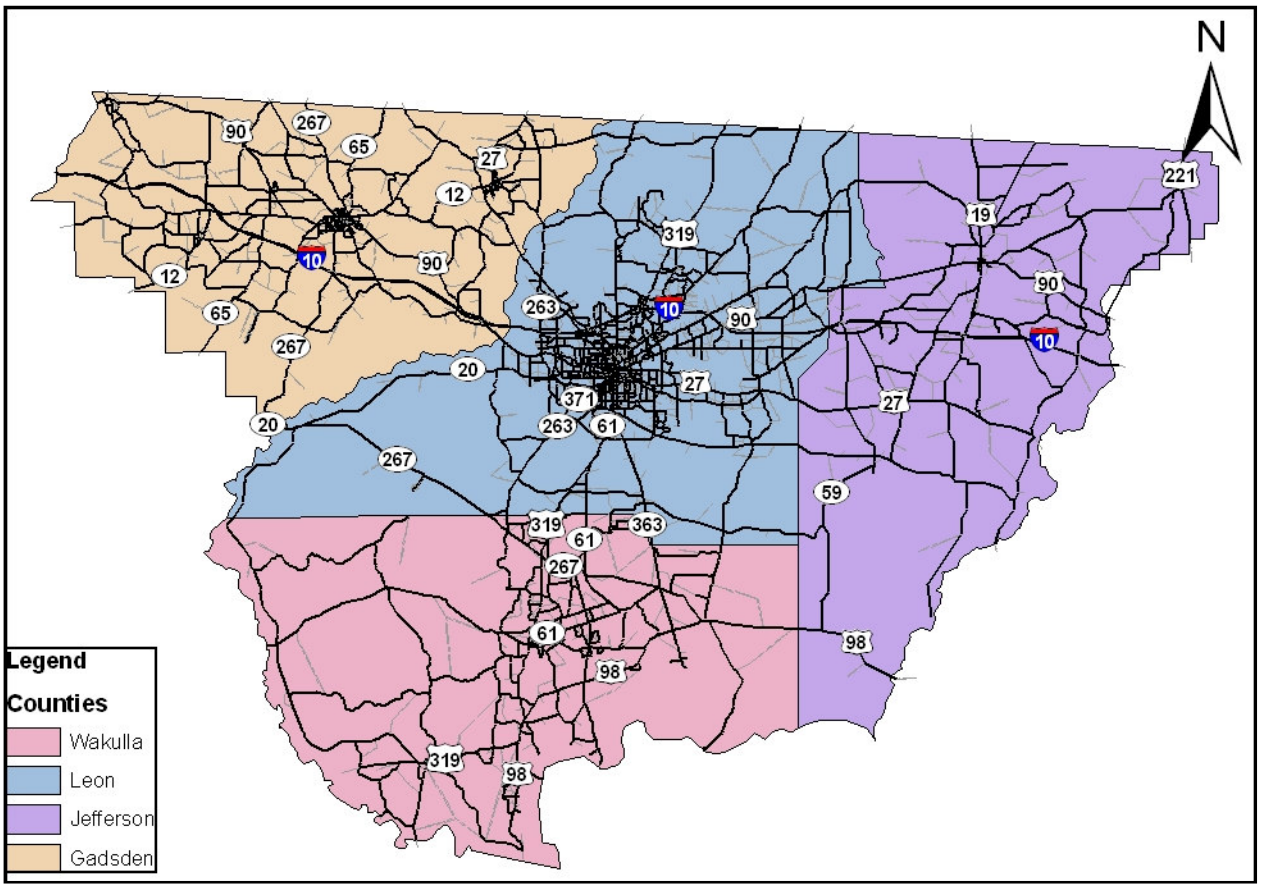

Figure 4 Highway System Network

3 Socioeconomic Data Development

Base year 2007 socioeconomic data were prepared by CRTPA staff. Spreadsheets were prepared for each county and submitted to RS&H for formatting to the FSUTMS standard. The consultant reviewed the data at the zone level for reasonableness. The consultant compiled data for special generators and external trips. The standard FSUTMS/CV Trip Generation model includes the following input files:

ZONEDATA – Trip production and attraction socioeconomic data;

SPECGEN – Special generator trips

INTEXT – Internal-external trip productions

This section of the report describes the development of base year socioeconomic data files and traffic analysis zones (TAZs) for the CRTPA 2007 model validation.

3.1 Socioeconomic Data

4 The socioeconomic data files Zdata1 and Zdata2 from the FSUTMS/Tranplan model were combined into one ZONEDATA file in FSUTMS/CV (Cube Voyager). It contains socioeconomic data used for the trip generation model, such as dwelling units, population, hotel-motel capacity, employment by industry, and vacancy rates. The primary source for this data is typically the US Census, local planning departments, and InfoUSA employment data. The file format for ZONEDATA is listed in Table 1. Summary/Conclusions

Technical Report #1 provides documentation of data development and review for the 2007 base year model for the CRTPA 2035 Long Range Transportation Plan, *The Regional Mobility Plan*. The process included updating socioeconomic data, updating the highway network, coding the transit network in Leon County, updating traffic count data, trip generation rates, trip length distribution, and auto occupancy rates. The model validation process is described in detail in Report #2.

Appendix A: ZONEDATA_07a contains the base year 2007 file contents.

Table 1 ZONEDATA Format

Variable Name	Contents
ZONE	Zone Number
SFDU	Single-Family Dwelling Units
SFPCTVNP	SFDUs % Vacant/Non-Permanent
SFPCTVAC	SFDUs % Vacant
SFPOP	Single-Family Population
SF0AUTO	SFDUs with 0 Autos
SF1AUTO	SFDUs with 1 Auto
SF_2AUTO	SFDUs with 2+ Autos
MFDU	Multi-Family Dwelling Units
MFPCTVNP	MFDUs % Vacant/ Non-Permanent
MFPCTVAC	MFDUs % Vacant
MFPOP	Multi -Family Population
MF_0AUTO	MFDUs with 0 Autos
MF_1AUTO	MFDUs with 1 Auto
MF_2AUTO	MFDUs with 2+ Autos
HMDU	Hotel-Motel Dwelling Units
HMOCC	HMDUs % Occupied
HMPOP	Hotel-Motel Population
IND_EMP	Industrial Employment
COMM_EMP	Commercial (Retail) Employment
SERV_EMP	Service Employment
TOT_EMP	Total Employment
SCHOOL	School Enrollment
LONGPARK	Long Term Parking Cost
SHORTPARK	Short Term Parking Cost

4.1 Special Generators

The FSUTMS SPECGEN file replaced the Zdata3 file. It contains special generators used to generate trip attractions and productions. FDOT guidance indicates that special generators should be kept to a minimum and should be limited to specific land uses which generate trips at rates that are not reflected in the standard trip generation equations. Validation of the CRTPA model was initiated without the use of special generators to determine the need for their inclusion. During validation, special generators were added to the SPECGEN production (SPECGEN_P) and attraction (SPECGEN_A) files on an interactive basis in order to improve model performance. Technical Report No.2 describes all special generators added to the model. Table 2 shows the format of SPECGEN file. Appendix B: SPECGEN_A_07a contains the base year 2007 SPECGEN_07a file contents.

Table 2 SEPCGEN Format

Variable Name	Contents
ZONE	Zone No.
P_OR_A	Production/Attraction Indicator
OPERAND	Add, Subtract, or Total Trips
TRIPS_OR_DIFF	No. of Trips or Trip Difference
PCT_HBW	Percent Home-based Work Trips
PCT_HBSH	Percent Home-based Shop Trips
PCT_HBSR	Percent Home-based SocRec Trips
PCT_HBO	Percent Home-based Other Trips
PCT_NHB	Percent Nonhome-based Trips

4.2 Internal-External data

The INTEXT file (which replaces the ZDATA4 file from the FSUTMS/Tranplan model) contains internal-external trip productions for trip generation.

Internal-external trips are those trips with one end inside the four-county study area and one trip end outside the study area. For example, residents of Thomasville, Georgia travelling to work in Tallahassee make internal-external trips. The internal-external trips are estimated based on total peak season weekday average daily traffic at each external zone for the base year, and the split of externals trips into either internal-external or external-external categories. Table 3 lists the contents of INTEXT file. Appendix C: INTEXT_07a contains the contents of IETEXT file.

Table 3 INTEXT Format

Variable Name	Contents
Zone	Zone number
IE_PROD	Internal-external trip production

4.3 External-External Trips

The EETRIPS file contains external-external trips between each pair of external zones for trip generation. External-external trips are those trips that pass through the model area. The EETRIPS are based on total peak season weekday average daily traffic at each external zone for the base year, the split of external trips into either internal-external or external-external categories, and the distribution of EE trips between each pair of external zones. The distribution of EE trips was based upon general knowledge of local trip-making patterns, review of the existing 2003 CRTPA model, and US Census County-to-County journey to work data. In order to expand the model area to include Jefferson County, external zones at the Leon and Wakulla County boundaries were removed and new external zones were created along the new model boundary. Table 4 lists the contents of EETRIPS file.

Table 4 EETRIPS Format

Variable Name	Contents
ORZ	Origin zone number
DSZ	Destination zone number
AUTO_TRIPS	Number of EE Auto Trips (O-D)

Figure 5 shows the external zone locations.

Appendix D: EETRIPS_07a contains the base year file.

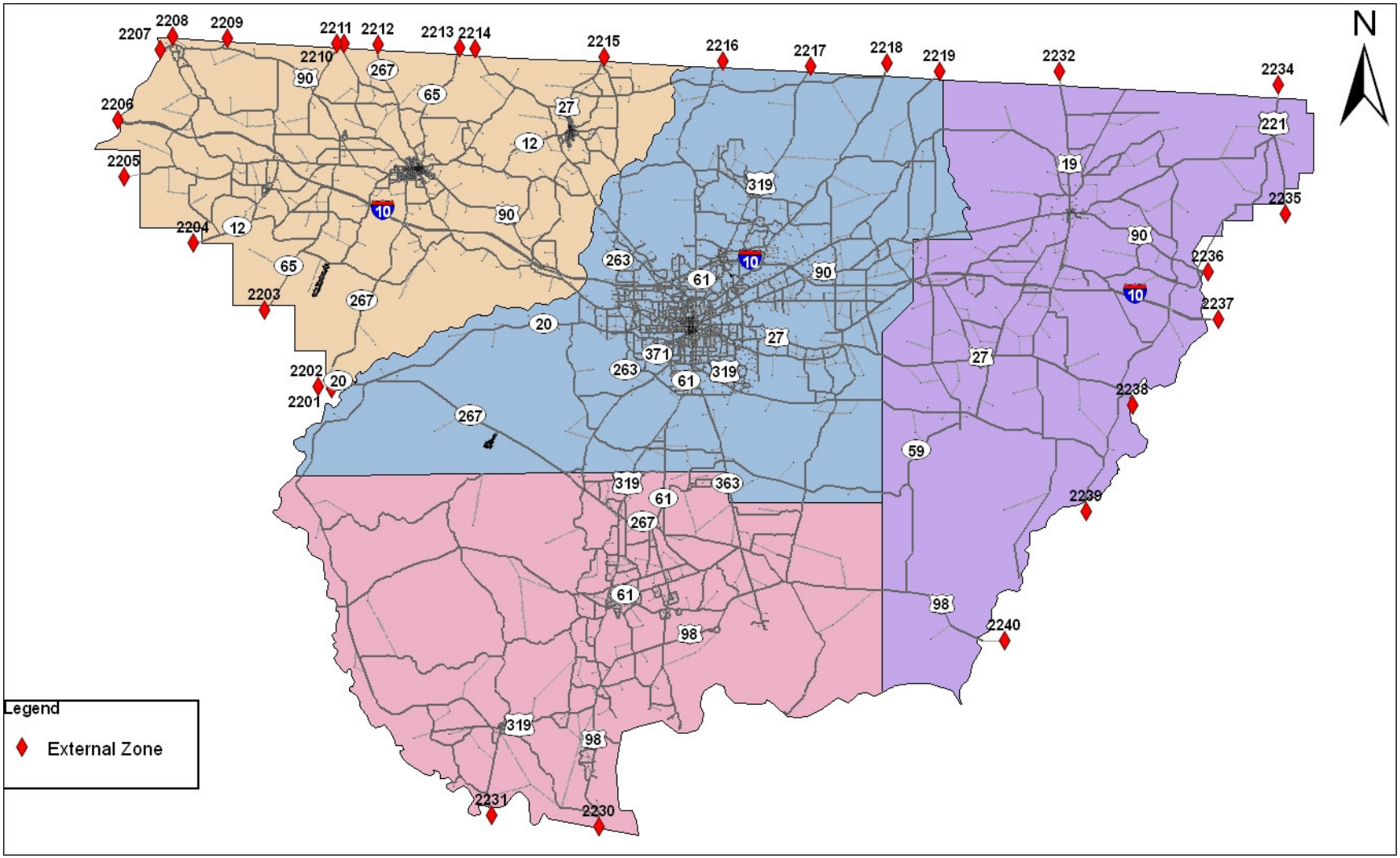

Figure 5 External Zone

5 Highway and Transit Network Development

5.1 Highway Network

The existing CRTPA 2003 base year model was expanded into Jefferson County. Roadways outside of the CRTPA boundary are coded at a lower level of detail than those inside the boundary. In general, local roads are not included in the highway network outside of the CRTPA boundary.

The highway network for the 2007 base year reflects improvements made to the highway network between 2003 and 2007 as well as any corrections to the 2003 base year network. The expanded network is based upon Census TigerLine files, aerial photography, local knowledge, and the Florida Traffic Information CD. Each link has a series of attributes that describe the roadway characteristics. These attributes include the following roadway characteristics:

1. FACLITY_TYPE – Two-digit facility type;
2. AREA_TYPE – Two –digit area type;
3. NUM_LANES – Number of lanes per direction;
4. DIRCODE – Whether link is one-way and in which direction;
5. COUNT – Peak-season weekday average daily traffic for base year 2007
6. SCREENLINE – Screenline which link belongs to, if applicable (a code of 99 is used for links not located on a screenline)
7. COUNTY – Geographic location code
8. DISTANCE – Link distance

5.2 Traffic Count Data

The validation of any travel demand model relies on the existence of extensive base year traffic count data. Volume-to-count ratios generated by the model are used to measure the ability of a travel demand highway assignment model to simulate known traffic conditions. Traffic counts are needed for a variety of different roadway categories distributed throughout the study area in order to validate highway assignment performance along screenlines, as well as by facility type, area type and lane configuration.

The base year model is validated to traffic count data obtained from FDOT District 3 as well as supplemental sources. Those sources are:

- FDOT District 3
- FDOT Florida Traffic Information CD
- 2003 Projected Counts (from existing travel demand mode)
- 2007 City of Tallahassee Traffic Counts

FSUTMS assigns trips to the highway network in terms of peak season weekday average daily traffic (PSWADT). FDOT traffic data is produced as annual average daily traffic (AADT), which requires a conversion to PSWADT using model output conversion factors (MOCF). Base year 2007 PSWADT were coded to specific count locations on the roadway network in the count field.

5.3 Designation of Screenlines

Screenlines are arbitrary lines drawn across the study area roadway network to show traffic flows across major corridors. These screenlines are used to report an aggregate volume-to-count ratio for all of the links that comprise any given screenline. This allows for measurement of travel flows between various parts of the study area. Screenlines typically follow nature features, major transportation facilities, or political boundaries. Screenlines can also be used to cordon off certain portions of the study area in order to measure the flows into and out of those areas (such as measuring the flow of travel demand into and out of a smaller urban area, CBD, or the external model boundary).

The starting point for developing screenlines for the CRTPA 2007 model was to review the screenlines that were already present in CRTPA 2003 model. There screenlines were checked to ensure that their orientation coincided with traffic count locations. Every effort was made to maintain consistency between screenline locations and traffic count locations. When a traffic count was missing, either the count would be produced from an exhaustive review of count data source or the screenline was moved to a nearby count location that was a reasonable substitute for the missing count.

After confirming the orientation current screenlines, it was necessary to determine where new screenlines were needed. Two significant changes took place. Screenline 21 was added in order to measure the traffic flow between Leon County and Jefferson County. Also, screenline 22 was added to measure the traffic flow surrounding the Monticello area. These two screenlines were added due to the expansion of the model network.

5.4 Transit Network

The transit network for the 2007 base year had to be created for this model validation. Data from CRTPA and StarMetro were used to code transit routes and stop locations. The Cube Voyager (CV) Public Transport (PT) program is used to represent the transit network. Although PT was designed to function much differently than the FSUTMS/Tranplan transit network program, PT parameters were set to provide a good representation of a FSTUMS transit network. The transit network comprises several files:

1. Highway network file –The highway and transit networks should always be open and displayed in CUBE when editing the highway network so that highway network changes are reflected in the transit network and all transit node sequences can be found in the highway network. Otherwise, the networks will lose synchronization.
2. Transit Lines file – This is a standard PT lines file. A typical record is:

   LINE NAME="Route6OB",
   LONGNAME="FRENCHTOWN,NWD CENTER,TALL MALL,MACON", MODE=21,
   HEADWAY[1]=60, HEADWAY[2]=60, ONEWAY=T, OPERATOR=1, CIRCULAR=F,
   N=10025, -4029, -10024, -4020, 9949, -4019, -9872, -4018, 9771,
   4017, 9607, 9606, 9609, 9612, -10062, 9610, 9611, 16047, -9516,
   -9450, 5997, -5339, 9397, -9390, -9388, -9391, 9386, 9387

   Line attributes are as follows in Table 5:

Table 5 Transit Route Attributes

Keyword	Example	Description
Name	"ROUT6OB"	Unique String identifier (14 characters)
LONGNAME	"Frenchtown,NWD Ctr"	Second Unique string identifier (40 characters)
MODE	23	Mode number
ONEWAY	F	Specifies if the LINE traverses in one direction
HEADWAY[#]	60	Frequency of service/specified in minutes / up to 5 periods
CIRCULAR	F	Whether the line is circular /same first and last nodes/No boarding and transfer penalty and waiting time applied at this node
TIMEFAC		Factor for Link travel time calculation
OPERATOR	F	Operator of the line/used for fare calculation
N	10025,-4029	List of nodes the line traverses

Bus routes that operated in 2007 were coded. All bus routes were extensively reviewed to ensure consistency. Transit parameters were created based on information obtained from StarMetro. Each transit route in the transit line file is assigned a mode number. Modal definitions follow FSUTMS transit modeling standards. The first 20 mode numbers are reserved for the non-transit modes. Transit models are revised for modes 21-27. All StarMetro routes are local bus routes and are therefore coded as mode 21. Each transit line is also assigned to its operator. Operators represent the different types of service offered by the system and they are used to define the boarding and transfer fares. The fare attached to the line is mapped to the operator in the factor files. All StarMetro service utilizes a flat-fare system. The fare structure in 2007 has been used.

6 Review of Socioeconomic Data

After completing initial socioeconomic data file, efforts focused on the review and refinement of assumptions and estimates.

6.1 Socioeconomic Data Summary

The base year socioeconomic data were developed by CRTPA staff. Data were mapped at the traffic analysis zone level. A comparison of the 2003 and 2007 base year data is shown below. Note that the expanded study area of the base year model includes Jefferson County in addition to the 2003 base year study area. Table 6 summarizes 2003 and 2007 population, dwelling units, employment and school enrollment. Figure 6 through Figure 9 show the distribution of each variable to TAZs.

Table 6 Summary of Socioeconomic Data

		2003*	2007**	Numeric Difference	Percent Difference
Population	Single Family	180,285	202,864	22,579	12.5%
	Multifamily	131,686	139,989	8,303	6.3%
	Hotel/Motel	4,595	8,032	3,437	74.8%
	Total	316,566	350,885	34,319	10.8%
Available Dwelling Units	Single Family	72,952	82,272	9,320	12.8%
	Multifamily	67,829	71,715	3,886	5.7%
	Hotel/Motel	5,436	6,523	1,087	20.0%
	Total	146,217	160,510	14,293	9.8%
Employment	Industrial	14,383	15,497	1,114	7.7%
	Commercial	39,191	39,988	797	2.0%
	Service	108,585	122,121	13,536	12.5%
	Total	162,159	177,606	15,447	9.5%
Total School Enrollment		51,100	59,931	8,831	17.3%

* Based on 2003 FSUTMS District 3 travel demand model

** 2007 FSUTMS model includes Jefferson County in its expanded study area

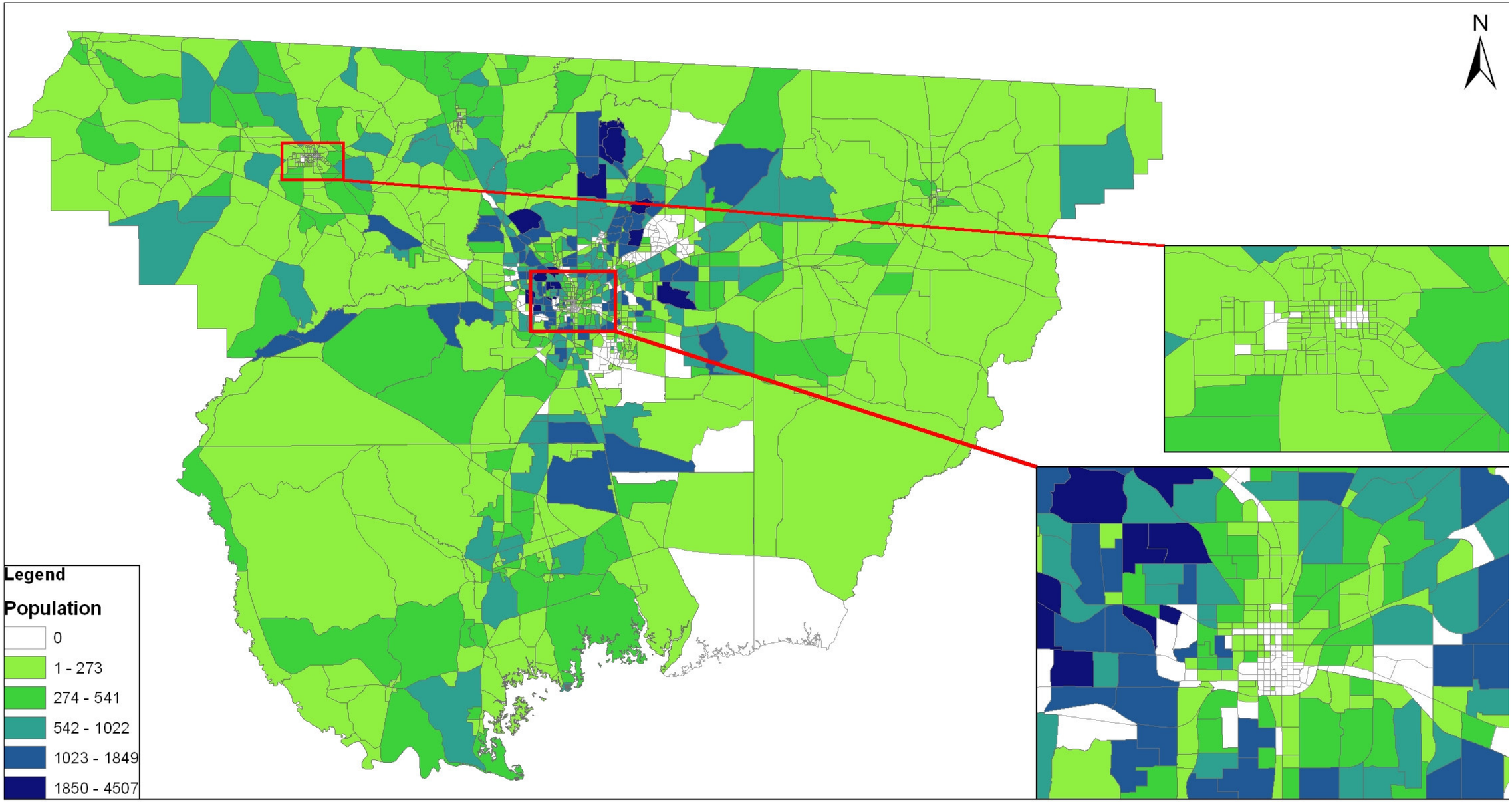

Figure 6 Base Year Population by TAZ

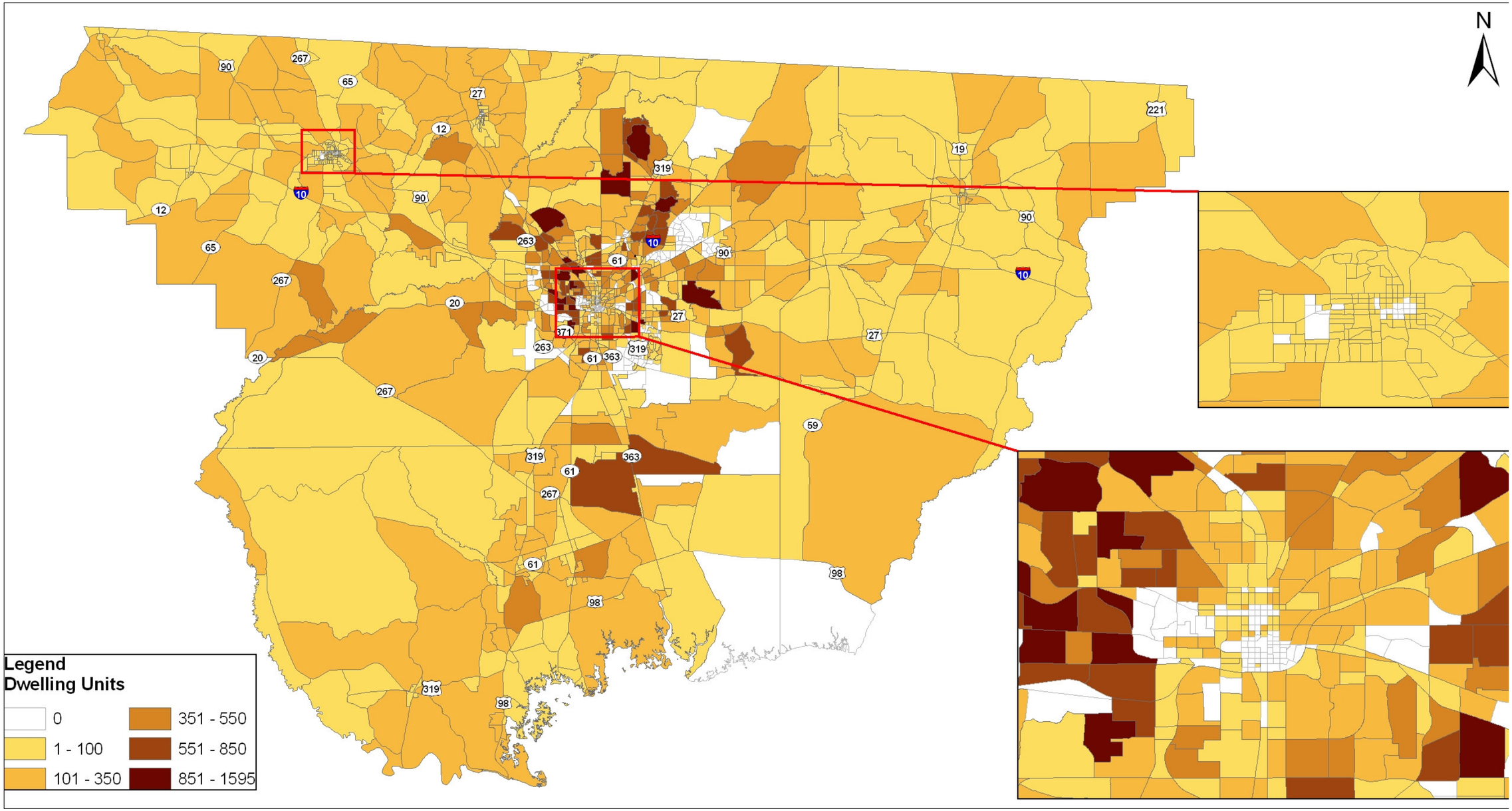

Figure 7 Base Year Dwelling Units by TAZ

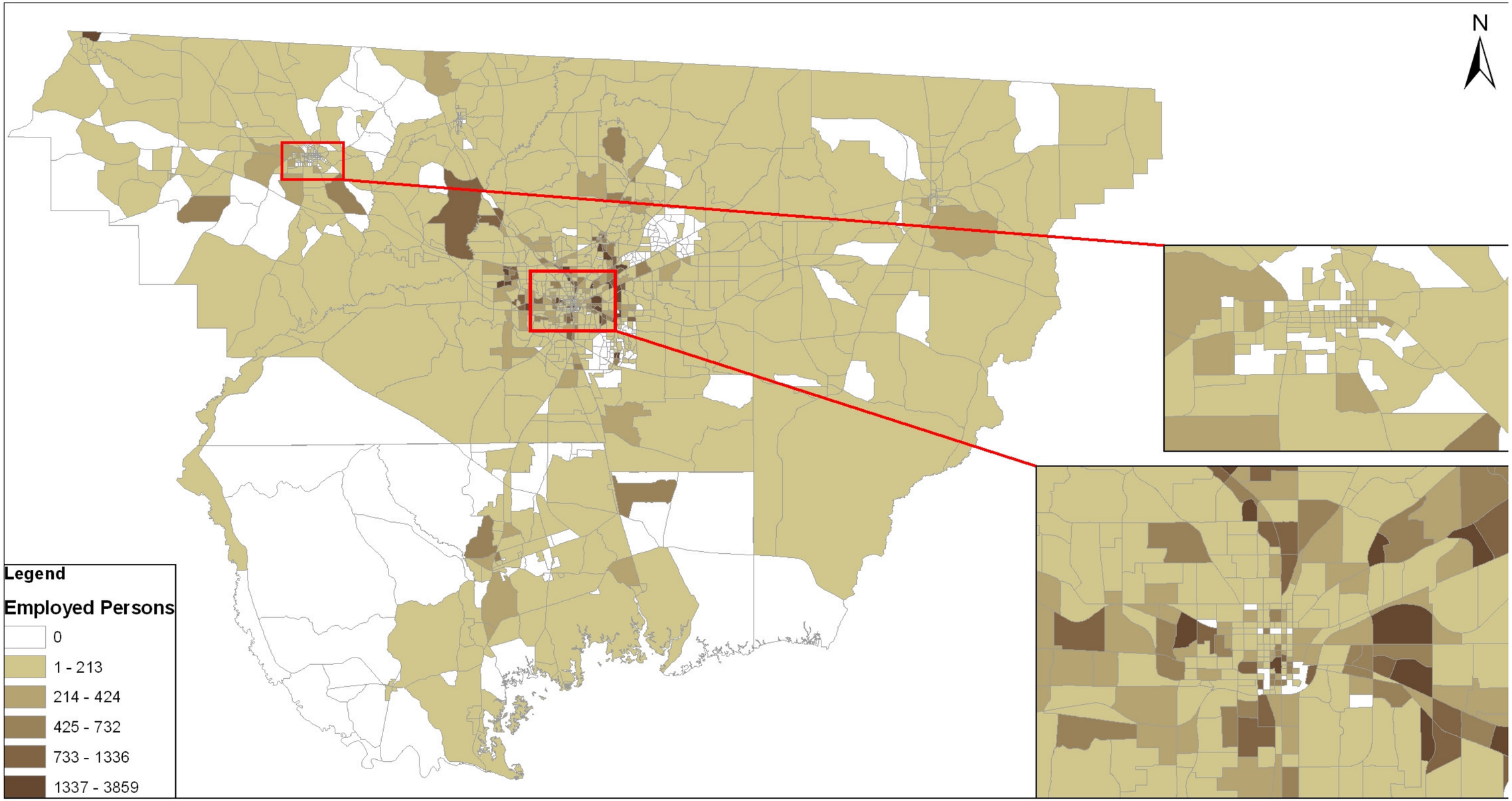

Figure 8 Base Year Employment by TAZ

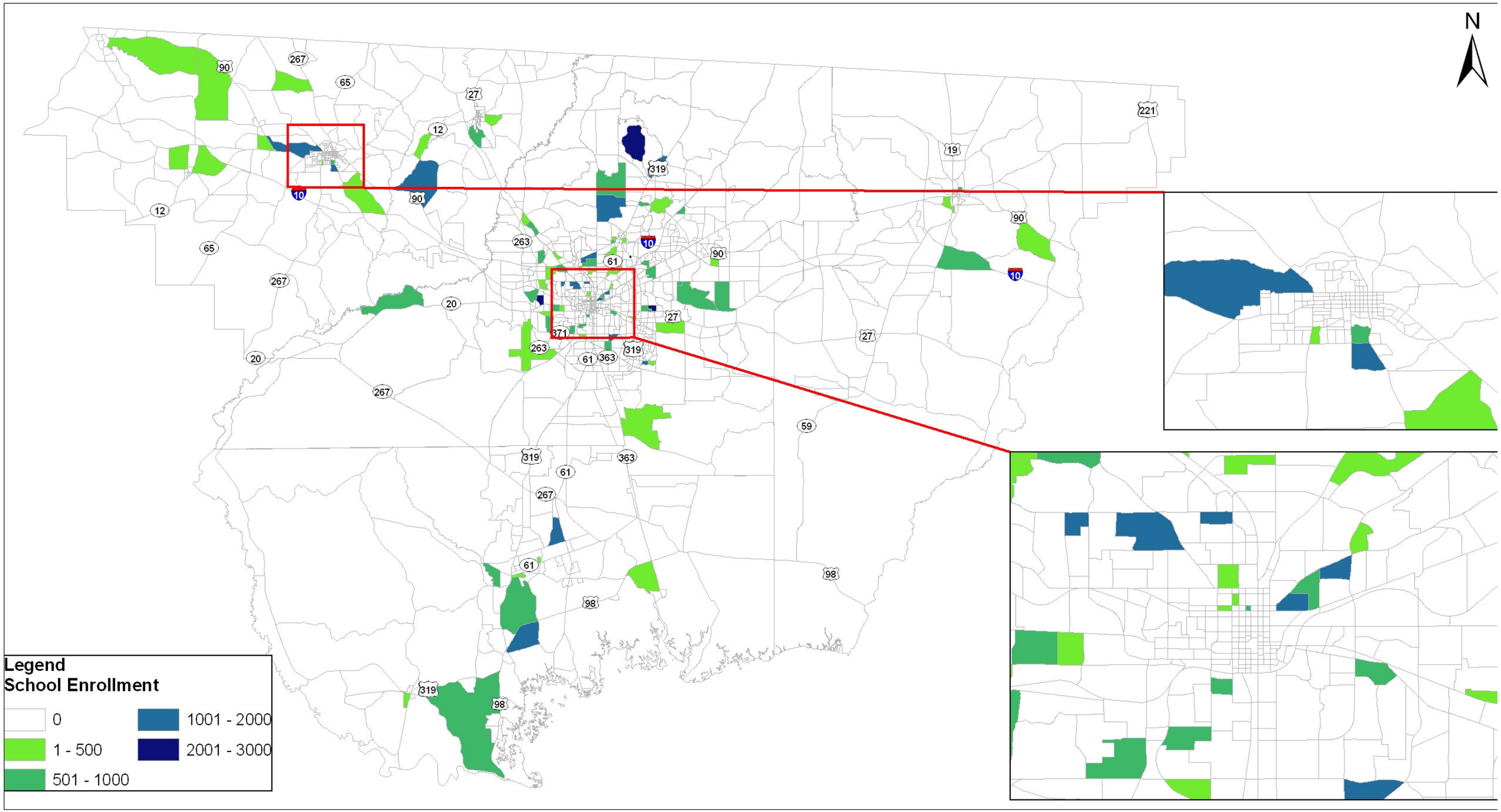

Figure 9 Base Year School Enrollment by TAZ

6.2 Comparison with Control Totals

The Bureau of Economic and Business Research (BEBR) serves as the State's official clearinghouse of US Census data. Population totals are updated annually for each County in Florida. BEBR also produces annual updates of future population projections for each County in the state. CRTPA staff developed the base year socioeconomic estimates from existing data and extensive field review. The CRTPA methodology included Census 2000 data, the 2003 base year model inputs, building permits, and County Property Appraisers data from the four counties.

Table 7 Population Comparison

	2007 Model Population	2007 Model Estimate including Group Quarters Population	2007 BEBR Population*	Difference Between Model Estimate and BEBR	Percent Difference from BEBR
Gadsden County	45,509	48,694	49,398	704	1.43%
Jefferson County	13,476	14,509	14,494	-15	-0.10%
Leon County	271,711	271,700	272,896	1,196	0.44%
Wakulla County	27,781	29,625	29,417	-208	-0.71%
Total	358,477	364,528	366,205	1,677	0.46%

* Includes prisoners and group quarter population

Employment estimates for each county were developed from BEBR estimates of employed residents by county, BEBR and Census commute pattern data, Florida Labor Market Statistics Center Labor Force Summaries, and InfoUSA job data by County.

Table 8 Employment Comparison

	2007 InfoUSA Employment	2007 Model Employment	Difference	Percent Difference from BEBR
Gadsden County	15,546	15,546	0	0%
Jefferson County	3,475	3,475	0	0%
Leon County	153,221	153,221	0	0%
Wakulla County	5,364	5,364	0	0%
Total	177,606	177,606	0	0%

Enrollment information school year 2006-2007, as of April 2007 came from the Florida Department of Education. Private school enrollment estimates were added to this data.

7 Review of 2007 Base Year Highway Network and Transit Network

As discussed above, the existing 2003 highway network was modified to include roadways in Jefferson County. The network was then reviewed for, and modified to include, roadway improvements that occurred between 2003 and 2007 and to correct coding errors.

7.1 Review of Highway Network

Characteristics that were verified include area type, facility type, and number of lanes; these three variables determine the speed and capacity for each network link. Local knowledge, observed function, and network continuity were considerations. Table 9 shows the area type codes followed in the CRTPA model. Table 10 shows the facility type codes followed in the CRTPA model.

Table 9 Standard FSUTMS Two-Digit Area Type Codes

	Area Type Description
1x	CBD Areas
11	Urbanized Area (over 500,000) Primary City Central Business District
12	Urbanized Area (under 500,000) Primary City Central Business District
13	Other Urbanized Area Central Business District and Small City Downtown
14	Non-Urbanized Area Small City Downtown
2x	CBD Fringe Areas
21	All Central Business District (CBD) Fringe Areas
3x	Residential Areas
31	Residential Area of Urbanized Areas
32	Undeveloped Portions of Urbanized Areas
33	Transitioning Areas/Urban Areas over 5,000 Population
34	Beach Residential (per SERPM)
4x	OBD Areas
41	High Density Outlying Business District
42	Other Outlying Business District
43	Beach OBD (per SERPM)
5x	Rural Areas
51	Developed Rural Areas/Small Cities under 5,000 Population
52	Undeveloped Rural Areas

Table 10 Standard FSUTMS Two-Digit Facility Type Codes

	Facility Type Description
1x	Freeways and Expressways
11	Urban Freeway Group 1 (cities of 500,000 or more)
12	Other Freeway (not in Group 1)
15	Collector/Distributor Lane
16	Controlled Access Expressway
17	Controlled Access Parkway
2x	Divided Arterials
21	Divided Arterial Unsignalized (55 mph)
22	Divided Arterial Unsignalized (45 mph)

23	Divided Arterial Class Ia
24	Divided Arterial Class Ib
25	Divided Arterial Class II/III
3x	Undivided Arterials
31	Undivided Arterial Unsignalized with Turn Bays
32	Undivided Arterial Class Ia with Turn Bays
33	Undivided Arterial Class Ib with Turn Bays
34	Undivided Arterial Class II/III with Turn Bays
35	Undivided Arterial Unsignalized without Turn Bays
36	Undivided Arterial Class Ia without Turn Bays
37	Undivided Arterial Class Ib without Turn Bays
38	Undivided Arterial Class II/III without Turn Bays
4x	Collectors
41	Major Local Divided Roadway
42	Major Local Undivided Roadway with Turn Bays
43	Major Local Undivided Roadway without Turn Bays
44	Other Local Divided Roadway
45	Other Local Undivided Roadway with Turn Bays
46	Other Local Undivided Roadway without Turn Bays
47	Low Speed Local Collector
48	Very Low Speed Local Collector
5x	Centroid Connectors
51	Basic Centroid Connector
52	External Station Centroid Connector
6x	One-Way Facilities
61	One-Way Facility Unsignalized
62	One-Way Facility Class 1a
63	One-Way Facility Class Ib
64	One-Way Facility Class II/III
65	Frontage Road Unsignalized
66	Frontage Road Class 1a
67	Frontage Road Class Ib (default for all Frontage Roads)
68	Frontage Road Class II/III
7x	Ramps
71	Freeway On-Ramp
72	Freeway Loop On-Ramp
73	Other On-Ramp
74	Other Loop On-Ramp
75	Freeway Off-Ramp
76	Freeway Loop Off-Ramp
77	Other Off-Ramp
78	Other Loop Off-Ramp
79	Freeway-Freeway High-Speed Ramp
8x	HOV Facilities
81	Freeway Group 1 HOV Lane (Barrier Separated)
82	Other Freeway HOV Lane (Barrier Separated)
83	Freeway Group 1 HOV Lane (Non-Separated)
84	Other Freeway HOV Lane (Non-Separated)

85	Non Freeway HOV Lane
86	AM&PM Peak HOV Ramp
87	AM Peak Only HOV Ramp
88	PM Peak Only HOV Ramp
89	All Day HOV Ramp
9x	Toll Facilities
91	Freeway Group 1 Toll Facility
92	Other Freeway Toll Facility
93	Expressway/Parkway Toll Facility
94	Divided Arterial Toll Facility
95	Undivided Arterial Toll Facility
97	Toll On-Ramp
98	Toll Off-Ramp
99	Toll Plaza

Figure 10, Figure 11, and Figure 12 show the network variables coded on each link the base year highway network.

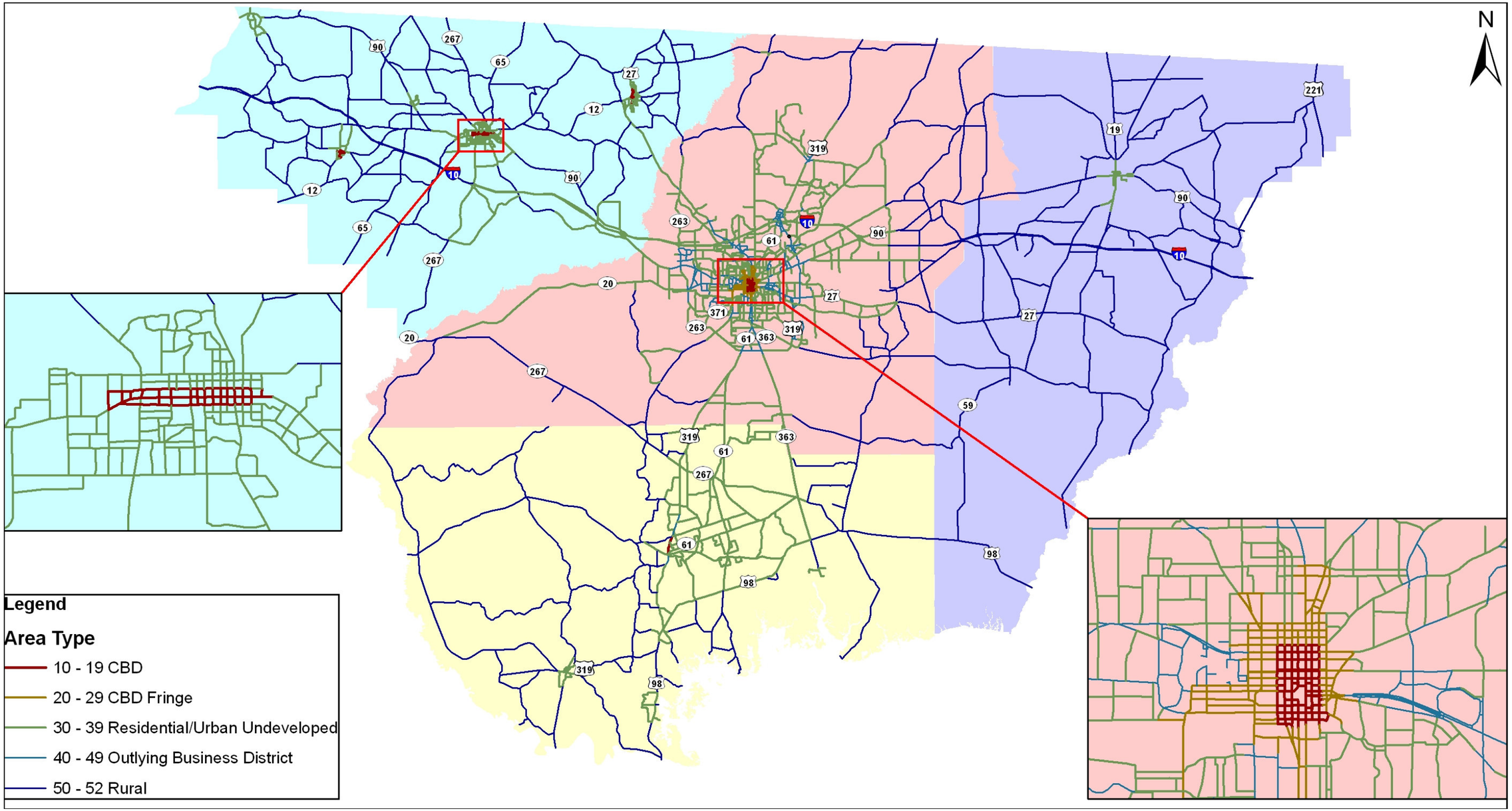

Figure 10 Base Year Network Area Type

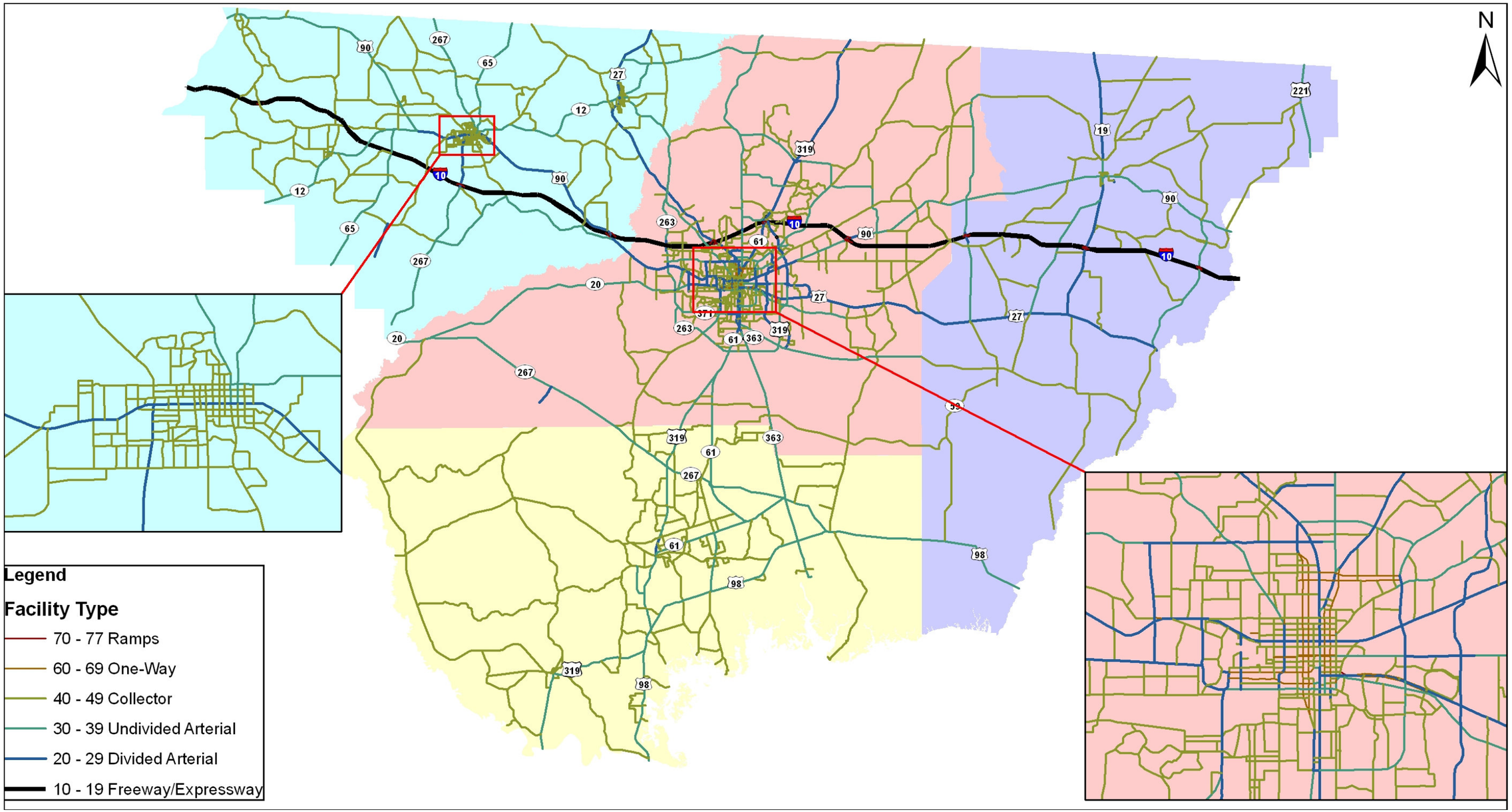

Figure 11 Base Year Network Facility Type

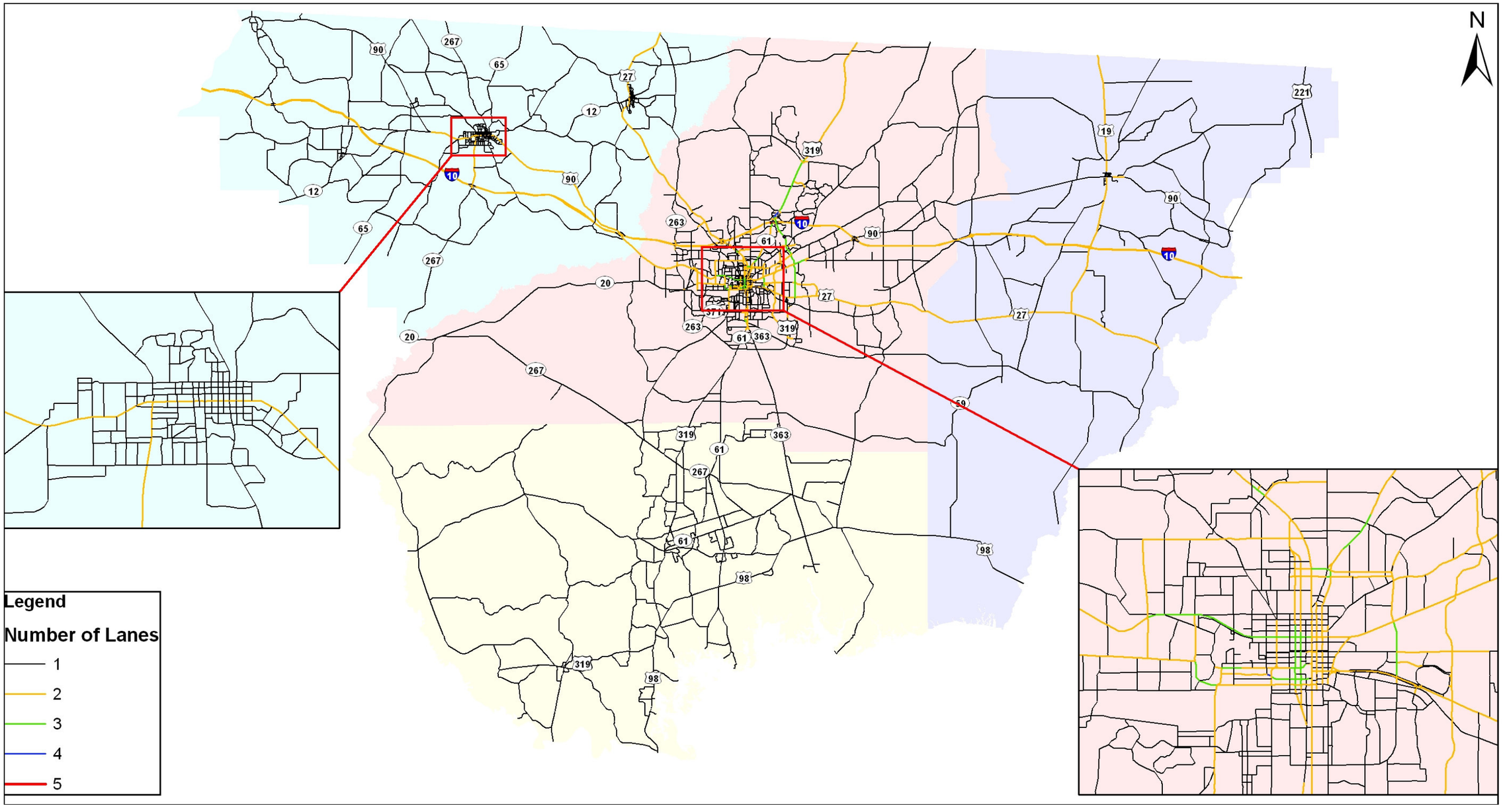

Figure 12 Base Year Network Number of Lanes

7.2 Review of 2007 Traffic Count Data and Screenlines

Comparison of estimated volumes and traffic count data is critical to assessing the model highway assignment module. RS&H calculated volume to count ratios, estimated vehicle miles traveled and vehicle hours traveled, and root mean squared error of assigned volumes. Errors in the traffic count data can distort the accuracy for the assignment model so as to make the model appear to be more or less accurate than it actually is.

Figure 13 shows traffic count locations in the CRTPA model area for 2007. Comparisons between screenline locations and traffic count locations ensured that screenlines were as complete as possible. Whenever possible, screenline locations with missing counts were relocated to nearby links with traffic count data.

In some cases, the exact location for a traffic count station was unclear. This could have mainly been due to inconsistencies between the traffic count station location shape file and the CRTPA highway network file. These inconsistencies, while slight, may have located traffic counts on inappropriate sides of centroid connectors. If it was possible to move a count slightly, then the count was moved if doing so improved model accuracy without compromising the true count location.

7.3 Review of transit Network

The CRTPA 2007 transit network was developed by the consultant based on route scheduling data and transit route and stop GIS files. The transit network in the CRTPA area reflects transit service operated by StarMetro during the year 2007. Figure 14depicts the StarMetro transit system.

In order to ensure proper connectivity to transit, transit stops on centroid connectors and major intersections were added. Transit stops on freeways, interchange ramps and bridges, and ramp terminals were removed. These were manually corrected.

7.4 Review of Transit Ridership Data

Accurate transit ridership data is vital to the correct assessment of the transit assignment model. The ridership data was provided by StarMetro and reviewed by the consultant. Data from the National Transit Database (NTD) was utilized to exam the ridership data and convert the ridership to average daily linked trips.

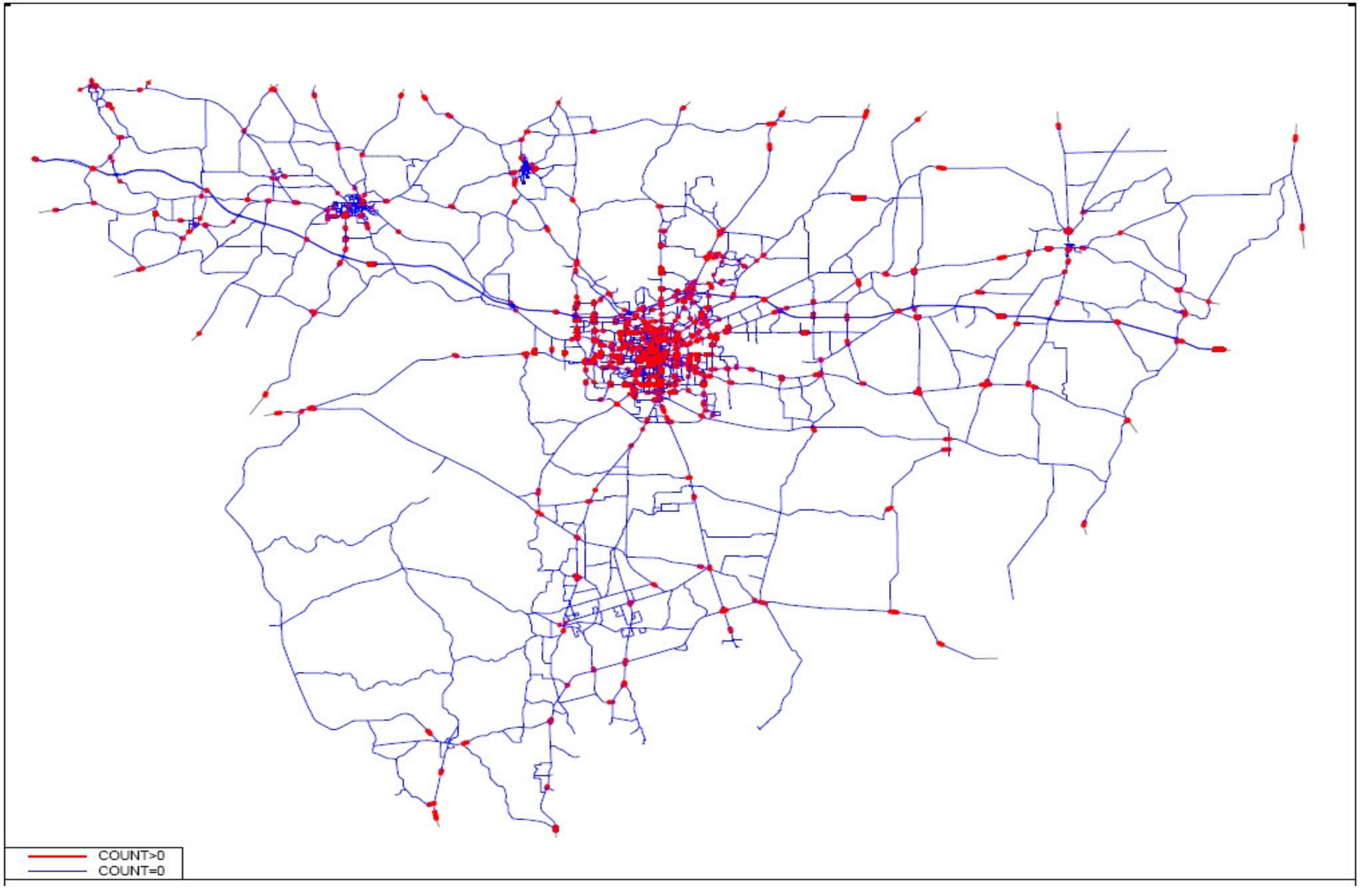

Figure 13 Base Year Traffic Count Locations

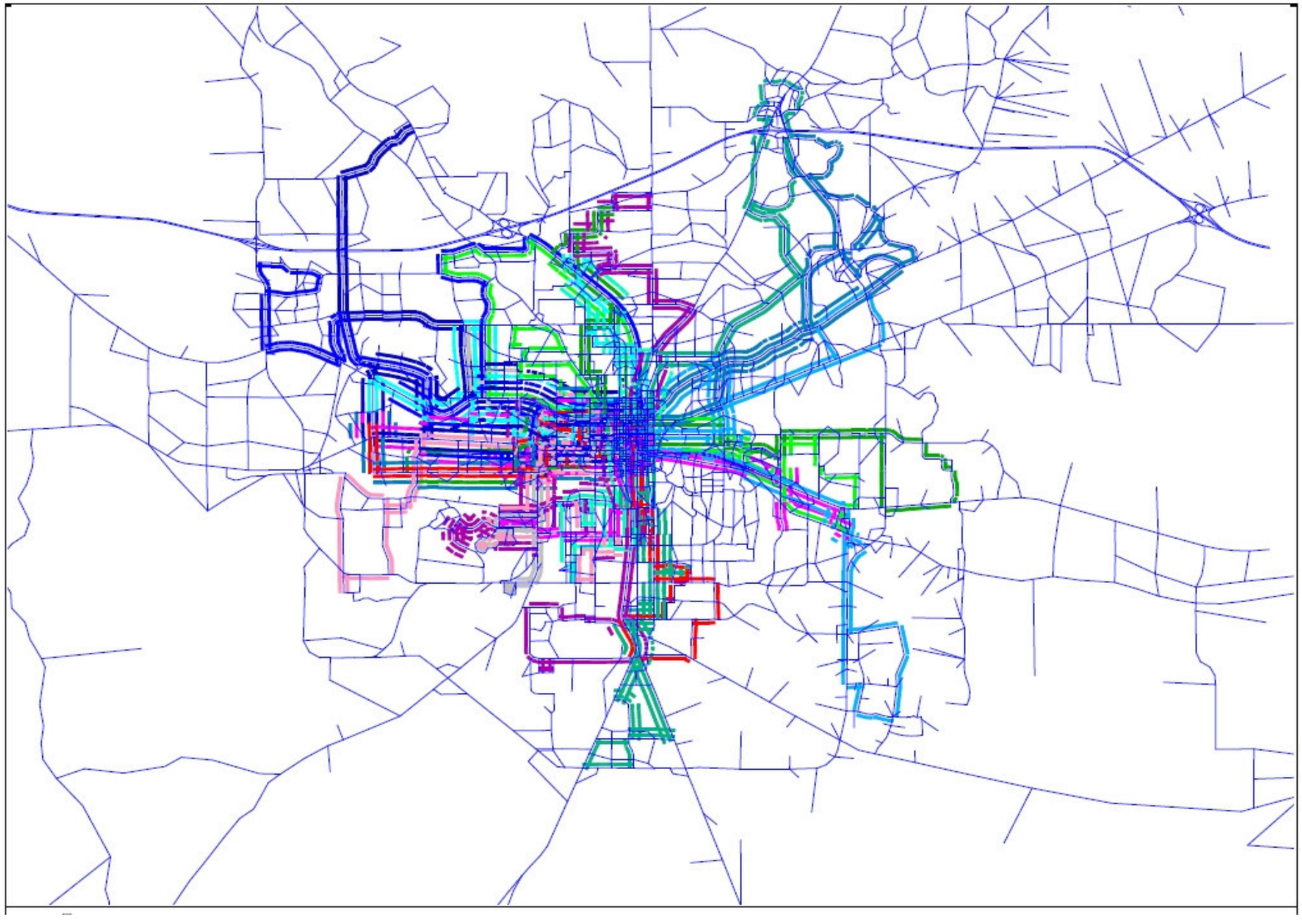

Figure 14 Base Year Transit Network

8 Summary/Conclusions

Technical Report #1 provides documentation of data development and review for the 2007 base year model for the CRTPA 2035 Long Range Transportation Plan, *The Regional Mobility Plan*. The process included updating socioeconomic data, updating the highway network, coding the transit network in Leon County, updating traffic count data, trip generation rates, trip length distribution, and auto occupancy rates. The model validation process is described in detail in Report #2.

Appendix A: ZONEDATA_07a

ZONE	SFDU	SF_PCTVNP	SF_PCTVAC	SFPOP	SF_0AUTO	SF_1AUTO	SF_2AUTO	MFDU	MF_PCTVNP	MF_PCTVAC	MFPOP	MF_0AUTO	MF_1AUTO	MF_2AUTO	HMDU	HMOCC	HMPOP	IND_EMP	COMM_EMP	SERV_EMP	TOT_EMP	SCHOOL	LONGPARK	SHORTPARK
1	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	1	20	25	46	0	0	0
2	3	14	9	4	8	59	34	0	13	8	0	29	60	12	0	0	0	0	2	9	11	0	0	0
3	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	8	0	42	50	0	0	0
4	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	25	25	0	0	0
5	2	14	9	3	8	59	34	20	13	8	23	29	60	12	0	0	0	0	0	27	27	0	0	0
6	2	14	9	3	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	19	19	97	0	0
7	0	14	9	0	8	59	34	2	13	8	2	29	60	12	0	0	0	0	38	132	170	0	0	0
8	1	14	9	1	8	59	34	0	13	8	0	29	60	12	0	0	0	5	0	447	452	0	0	0
9	0	14	9	0	8	59	34	4	13	8	5	29	60	12	119	56	147	0	15	231	246	0	0	0
10	4	14	9	5	8	59	34	153	13	8	175	29	60	12	0	0	0	0	0	58	58	0	0	0
11	0	14	9	0	8	59	34	0	13	8	0	29	60	12	164	56	202	0	10	83	93	0	0	0
12	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	20	3	23	0	0	0
13	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	9	125	134	502	0	0
14	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	4	152	156	0	0	0
15	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	17	0	52	69	0	0	0
16	0	14	9	0	8	59	34	9	13	8	10	29	60	12	0	0	0	0	12	23	35	0	0	0
17	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
18	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	535	535	0	0	0
19	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
20	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
21	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	2	60	62	0	0	0
22	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
23	2	14	9	3	8	59	34	4	13	8	5	29	60	12	0	0	0	0	0	21	21	0	0	0
24	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	2	163	165	0	0	0
25	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	52	52	0	0	0
26	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	10	4	187	201	0	0	0
27	0	14	9	0	8	59	34	90	13	8	103	29	60	12	0	0	0	0	12	218	230	0	0	0
28	0	14	9	0	8	59	34	1	13	8	1	29	60	12	0	0	0	0	1	38	39	0	0	0
29	1	14	9	1	8	59	34	0	13	8	0	29	60	12	0	0	0	0	4	146	150	0	0	0
30	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	4	118	122	0	0	0

31	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	43	43	0	0	0
32	0	14	9	0	8	59	34	0	13	8	0	29	60	12	243	56	299	13	83	526	622	0	0	0
33	1	14	9	1	8	59	34	0	13	8	0	29	60	12	0	0	0	4	29	110	143	0	0	0
34	1	14	9	1	8	59	34	0	13	8	0	29	60	12	0	0	0	17	0	178	195	0	0	0
35	1	14	9	1	8	59	34	2	13	8	2	29	60	12	0	0	0	3	0	121	124	0	0	0
36	0	14	9	0	8	59	34	114	13	8	130	29	60	12	0	0	0	0	22	176	198	0	0	0
37	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	155	143	298	0	0	0
38	0	14	9	0	8	59	34	0	13	8	0	29	60	12	41	56	51	2	27	415	444	0	0	0
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42	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	18	18	0	0	0
43	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	350	350	0	0	0
44	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	12	795	807	0	0	0
45	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	252	252	0	0	0
46	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	276	276	0	0	0
47	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	73	73	0	0	0
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58	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
59	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
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67	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	10	10	0	0	0
68	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
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73	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	732	732	0	0	0
74	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
75	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	57	57	0	0	0
76	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
77	1	14	9	1	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	2	2	0	0	0
78	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	2	2	0	0	0
79	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
80	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	0	0	0	0	0	0
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83	0	14	9	0	8	59	34	0	13	8	0	29	60	12	0	0	0	0	5	3	8	0	0	0
84	142	10	10	275	6	33	61	83	5	5	125	9	57	34	0	0	0	1	0	84	85	0	0	0
85	132	10	10	255	6	33	61	71	5	5	107	9	57	34	0	0	0	6	28	219	253	0	0	0
86	29	3	3	51	14	46	40	0	14	14	0	12	58	31	0	0	0	29	22	230	281	1729	0	0
87	75	10	10	145	6	33	61	173	5	5	261	9	57	34	0	0	0	4	18	49	71	0	0	0
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89	83	3	3	147	14	46	40	48	14	14	77	12	58	31	0	0	0	4	1	52	57	0	0	0
90	1	14	9	1	8	59	34	9	13	8	10	29	60	12	0	0	0	0	32	59	91	0	0	0
91	31	3	3	55	14	46	40	5	14	14	8	12	58	31	0	0	0	0	0	136	136	1822	0	0
92	6	3	3	11	14	46	40	2	14	14	3	12	58	31	0	0	0	12	43	130	185	0	0	0
93	33	14	9	44	8	59	34	113	13	8	129	29	60	12	0	0	0	14	7	330	351	0	0	0
94	20	3	9	30	8	59	34	259	14	8	293	29	60	12	0	0	0	3	3	31	37	0	0	0
95	67	5	4	113	8	66	26	197	9	7	257	4	66	30	0	0	0	37	44	314	395	0	0	0
96	9	14	9	12	8	59	34	110	13	8	126	29	60	12	0	0	0	5	0	252	257	0	0	0
97	27	14	9	36	8	59	34	77	13	8	88	29	60	12	0	0	0	0	2	314	316	0	0	0
98	91	5	4	153	8	66	26	103	9	7	134	4	66	30	0	0	0	4	15	117	136	0	0	0
99	1	5	4	2	8	66	26	0	9	7	0	4	66	30	154	56	190	0	2	657	659	0	0	0
100	1	5	4	2	8	66	26	0	9	7	0	4	66	30	64	56	79	2	175	397	574	0	0	0
101	0	13	11	0	5	36	59	0	6	5	0	13	48	38	0	0	0	0	85	0	85	0	0	0
102	0	13	11	0	5	36	59	0	6	5	0	13	48	38	40	56	49	5	0	91	96	0	0	0
103	0	13	11	0	5	36	59	0	6	5	0	13	48	38	100	56	123	12	470	143	625	0	0	0
104	15	13	11	26	5	36	59	14	6	5	23	13	48	38	0	0	0	0	0	105	105	0	0	0
105	84	13	11	146	5	36	59	31	6	5	50	13	48	38	0	0	0	0	0	27	27	0	0	0
106	10	13	11	17	5	36	59	228	6	5	367	13	48	38	0	0	0	0	197	82	279	0	0	0
107	90	13	11	156	5	36	59	84	6	5	135	13	48	38	0	0	0	0	5	73	78	0	0	0
108	50	6	6	92	0	39	61	0	0	0	0	0	41	59	0	0	0	0	0	0	0	0	0	0
109	241	6	6	445	0	39	61	0	0	0	0	0	41	59	0	0	0	0	1	7	8	0	0	0
110	0	2	2	0	1	46	52	0	28	28	0	0	75	25	149	56	184	0	74	27	101	0	0	0
111	18	2	2	35	1	46	52	18	28	28	22	0	75	25	0	0	0	29	143	276	448	598	0	0
112	175	2	2	338	1	46	52	0	28	28	0	0	75	25	0	0	0	3	7	8	18	0	0	0

113	372	2	2	719	1	46	52	8	28	28	10	0	75	25	0	0	0	12	0	16	28	0	0	0
114	7	3	2	17	1	29	70	2	11	9	3	3	39	58	0	0	0	0	7	2389	2396	0	0	0
115	282	3	2	669	1	29	70	0	11	9	0	3	39	58	0	0	0	3	0	13	16	0	0	0
116	128	3	2	304	1	29	70	139	11	9	226	3	39	58	0	0	0	0	0	14	14	0	0	0
117	0	3	2	0	1	29	70	94	11	9	153	3	39	58	0	0	0	4	0	92	96	1233	0	0
118	0	0	0	0	4	58	38	435	5	5	792	5	58	38	0	0	0	0	0	885	885	0	0	0
119	132	6	6	270	4	41	55	753	12	12	1230	10	53	36	0	0	0	8	13	59	80	0	0	0
120	1	6	6	2	4	41	55	0	12	12	0	10	53	36	0	0	0	7	0	905	912	0	0	0
121	0	0	0	0	4	58	38	664	5	5	1209	5	58	38	0	0	0	0	1	40	41	0	0	0
122	0	0	0	0	0	100	0	50	28	28	68	54	33	12	0	0	0	50	5	23	78	0	0	0
123	0	0	0	0	0	100	0	0	28	28	0	54	33	12	0	0	0	0	0	703	703	925	0	0
124	71	23	19	166	13	44	43	97	13	11	152	17	59	24	0	0	0	0	8	793	801	0	0	0
125	1	23	19	2	13	44	43	0	13	11	0	17	59	24	0	0	0	69	73	78	220	0	0	0
126	41	23	19	96	13	44	43	75	13	11	117	17	59	24	0	0	0	41	84	91	216	0	0	0
127	0	0	0	0	0	100	0	0	28	28	0	54	33	12	0	0	0	4	100	333	437	0	0	0
128	8	0	0	14	0	100	0	5	28	28	7	54	33	12	0	0	0	0	0	1336	1336	0	0	0
129	0	23	19	0	13	44	43	0	13	11	0	17	59	24	0	0	0	28	75	71	174	0	0	0
130	24	23	19	56	13	44	43	68	13	11	106	17	59	24	0	0	0	18	42	249	309	0	0	0
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132	3	0	0	0	0	0	0	20	6	6	21	18	77	6	0	0	0	0	138	62	200	0	0	0
133	1	0	0	0	0	0	0	75	6	6	78	18	77	6	0	0	0	60	0	2	62	0	0	0
134	1	0	0	0	0	0	0	54	6	6	56	18	77	6	0	0	0	0	0	48	48	0	0	0
135	0	0	0	0	0	0	0	272	6	6	283	18	77	6	0	0	0	0	27	241	268	0	0	0
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138	9	0	0	15	9	70	21	314	8	8	404	11	75	14	0	0	0	0	70	36	106	0	0	0
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140	0	0	0	0	9	70	21	0	8	8	0	11	75	14	0	0	0	0	0	2	2	0	0	0
141	12	0	0	20	9	70	21	16	8	8	21	11	75	14	0	0	0	34	57	228	319	0	0	0
142	0	0	0	0	9	70	21	38	8	8	49	11	75	14	135	56	166	10	49	118	177	0	0	0
143	1	0	0	0	0	0	0	0	8	6	0	18	77	6	0	0	0	0	16	25	41	0	0	0
144	0	0	0	0	9	70	21	0	8	8	0	11	75	14	0	0	0	74	28	23	125	0	0	0
145	2	0	0	3	9	70	21	7	8	8	9	11	75	14	0	0	0	2	29	38	69	0	0	0
146	3	0	0	5	9	70	21	49	8	8	63	11	75	14	0	0	0	2	8	50	60	0	0	0
147	125	6	6	237	30	52	18	54	31	31	106	62	38	0	0	0	0	0	6	21	27	0	0	0
148	349	17	17	678	22	39	39	49	14	14	66	48	41	11	0	0	0	47	16	68	131	0	0	0
149	48	6	6	91	30	52	18	99	31	31	195	62	38	0	0	0	0	10	32	25	67	0	0	0
150	32	0	0	67	24	50	26	442	6	6	635	22	62	16	0	0	0	0	6	41	47	0	0	0
151	41	6	6	105	12	84	4	188	9	9	257	20	73	8	0	0	0	0	20	55	75	0	0	0
152	14	6	6	36	12	84	4	2	9	9	3	20	73	8	0	0	0	0	0	0	0	0	0	0
153	20	6	6	51	12	84	4	8	9	9	11	20	73	8	0	0	0	7	0	376	383	0	0	0

154	3	6	6	8	12	84	4	31	9	9	42	20	73	8	0	0	0	10	219	21	250	0	0	0
155	0	6	6	0	12	84	4	0	9	9	0	20	73	8	0	0	0	0	19	21	40	0	0	0
156	2	6	6	5	12	84	4	0	9	9	0	20	73	8	0	0	0	0	8	74	82	460	0	0
157	0	6	6	0	12	84	4	10	9	9	14	20	73	8	58	56	71	0	102	126	228	0	0	0
158	0	6	6	0	12	84	4	0	9	9	0	20	73	8	0	0	0	0	0	117	117	0	0	0
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160	10	5	5	17	19	36	45	0	11	11	0	23	38	39	0	0	0	0	0	167	167	1389	0	0
161	3	8	8	5	17	45	38	6	11	11	8	23	45	32	0	0	0	0	283	480	763	0	0	0
162	20	8	8	30	17	45	38	98	11	11	135	23	45	32	0	0	0	4	160	674	838	0	0	0
163	230	5	5	397	19	36	45	38	11	11	57	23	38	39	0	0	0	17	1	20	38	0	0	0
164	46	8	8	70	17	45	38	10	11	11	14	23	45	32	0	0	0	0	0	30	30	0	0	0
165	11	8	8	17	17	45	38	71	11	11	98	23	45	32	0	0	0	0	0	45	45	0	0	0
166	133	5	5	230	19	36	45	106	11	11	159	23	38	39	0	0	0	0	4	12	16	0	0	0
167	55	8	8	83	17	45	38	47	11	11	65	23	45	32	0	0	0	0	0	16	16	0	0	0
168	22	8	8	33	17	45	38	21	11	11	29	23	45	32	0	0	0	40	122	190	352	0	0	0
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171	7	5	5	12	19	36	45	13	11	11	20	23	38	39	0	0	0	0	12	94	106	320	0	0
172	18	8	8	27	17	45	38	75	11	11	103	23	45	32	0	0	0	7	42	108	157	0	0	0
173	10	8	8	15	17	45	38	67	11	11	92	23	45	32	28	56	34	0	27	186	213	0	0	0
174	149	6	6	258	6	46	48	356	4	4	788	7	61	32	0	0	0	8	112	90	210	0	0	0
175	187	0	0	469	5	28	65	202	10	10	327	9	54	38	0	0	0	58	207	207	472	0	0	0
176	221	6	6	423	5	47	48	217	8	8	350	11	50	39	0	0	0	13	22	254	289	0	0	0
177	187	6	6	358	5	47	48	3	8	8	5	11	50	39	0	0	0	1	3	112	116	0	0	0
178	0	0	0	0	4	35	62	0	5	3	0	9	46	44	0	0	0	11	204	491	706	0	0	0
179	269	0	0	670	4	35	62	676	5	3	1121	9	46	44	0	0	0	2	13	554	569	0	0	0
180	0	0	0	0	4	35	62	0	5	3	0	9	46	44	95	56	117	25	125	467	617	0	0	0
181	184	2	2	368	1	37	62	205	8	6	366	3	63	35	0	0	0	219	19	64	302	0	0	0
182	23	5	5	51	9	30	61	284	3	3	561	9	44	47	0	0	0	4	10	1154	1168	0	0	0
183	5	5	5	11	9	30	61	0	3	3	0	9	44	47	0	0	0	50	95	276	421	0	0	0
184	0	2	2	0	1	37	62	0	8	6	0	3	63	35	0	0	0	0	0	3859	3859	150	0	0
185	66	2	2	132	1	37	62	79	8	6	141	3	63	35	0	0	0	0	16	529	545	0	0	0
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187	88	3	3	181	5	41	54	20	6	6	28	9	33	58	0	0	0	4	45	63	112	0	0	0
188	179	3	3	367	5	41	54	25	6	6	35	9	33	58	0	0	0	0	0	70	70	0	0	0
189	276	5	5	617	9	30	61	127	3	3	251	9	44	47	0	0	0	11	1	188	200	0	0	0
190	3	5	5	7	9	30	61	0	3	3	0	9	44	47	0	0	0	0	0	333	333	0	0	0
191	3	3	3	7	2	35	63	96	0	0	218	7	69	24	0	0	0	0	38	293	331	0	0	0
192	259	3	3	624	2	35	63	2	0	0	5	7	69	24	0	0	0	5	0	130	135	0	0	0
193	305	3	3	735	2	35	63	209	0	0	474	7	69	24	0	0	0	0	6	105	111	0	0	0
194	0	3	3	0	2	35	63	0	0	0	0	7	69	24	0	0	0	155	25	1237	1417	0	0	0

195	208	3	3	451	3	56	41	126	4	3	201	7	56	37	0	0	0	636	210	603	1449	0	0	0
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198	76	3	3	165	3	56	41	289	4	3	461	7	56	37	0	0	0	354	431	634	1419	0	0	0
199	0	16	16	0	4	46	50	0	6	6	0	5	53	42	0	0	0	0	469	159	628	0	0	0
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203	387	3	2	745	2	44	54	249	5	2	511	8	46	46	0	0	0	4	4	17	25	0	0	0
204	0	5	3	0	0	61	39	216	6	4	356	0	56	44	0	0	0	78	170	184	432	0	0	0
205	19	16	16	44	4	46	50	105	6	6	172	5	53	42	149	56	184	0	316	49	365	0	0	0
206	190	5	3	401	0	61	39	214	6	4	353	0	56	44	0	0	0	16	130	73	219	0	0	0
207	50	5	3	106	0	61	39	54	6	4	89	0	56	44	0	0	0	0	0	0	0	0	0	0
208	60	5	3	127	0	61	39	15	6	4	25	0	56	44	0	0	0	10	264	1565	1839	0	0	0
209	0	0	0	0	2	51	48	0	4	4	0	6	64	31	85	56	105	0	229	56	285	0	0	0
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212	3	5	3	6	0	61	39	0	6	4	0	0	56	44	134	56	165	24	98	239	361	96	0	0
213	0	0	0	0	2	51	48	0	4	4	0	6	64	31	0	0	0	33	152	1529	1714	0	0	0
214	7	0	0	17	2	51	48	20	4	4	31	6	64	31	143	56	176	64	228	126	418	0	0	0
215	5	0	0	12	2	51	48	760	4	4	1190	6	64	31	94	56	116	7	0	64	71	0	0	0
216	5	17	17	13	34	38	28	8	19	19	15	68	24	8	0	0	0	1	147	120	268	0	0	0
217	39	17	17	105	34	38	28	6	19	19	12	68	24	8	0	0	0	4	9	37	50	0	0	0
218	28	17	17	76	34	38	28	126	19	19	243	68	24	8	0	0	0	13	245	196	454	0	0	0
219	114	17	17	308	34	38	28	423	19	19	817	68	24	8	0	0	0	0	9	82	91	0	0	0
220	153	16	16	420	26	39	35	257	0	0	558	39	33	29	0	0	0	0	0	11	11	0	0	0
221	12	13	12	33	14	40	47	144	0	0	422	17	37	47	0	0	0	0	379	83	462	0	0	0
222	57	13	12	156	14	40	47	0	0	0	0	17	37	47	0	0	0	0	46	69	115	0	0	0
223	555	13	12	1522	14	40	47	37	0	0	108	17	37	47	0	0	0	3	2	71	76	0	0	0
224	1	25	6	2	34	45	21	0	5	1	0	55	38	8	0	0	0	14	24	3	41	0	0	0
225	211	19	19	437	40	37	23	191	51	51	189	42	49	9	0	0	0	1	28	127	156	656	0	0
226	7	28	20	12	10	46	44	0	11	8	0	30	34	37	0	0	0	0	0	384	384	0	0	0
227	1	25	6	2	34	45	21	0	5	1	0	55	38	8	0	0	0	29	23	30	82	0	0	0
228	280	25	6	450	34	45	21	247	5	1	646	55	38	8	0	0	0	0	25	68	93	0	0	0
229	262	5	5	612	5	28	67	14	0	0	33	0	50	50	0	0	0	29	72	55	156	0	0	0
230	58	7	7	130	5	36	59	22	0	0	56	0	58	42	0	0	0	4	0	107	111	385	0	0
231	100	7	7	223	5	36	59	186	0	0	472	0	58	42	0	0	0	0	11	791	802	0	0	0
232	192	0	0	470	17	34	49	42	18	18	112	21	34	45	0	0	0	5	0	8	13	0	0	0
233	35	0	0	86	17	34	49	70	18	18	187	21	34	45	0	0	0	73	30	50	153	0	0	0
234	0	17	16	0	26	51	23	0	22	21	0	22	58	21	0	0	0	0	12	19	31	0	0	0
235	1	17	16	2	26	51	23	0	22	21	0	22	58	21	0	0	0	0	40	0	40	0	0	0

236	23	17	16	52	26	51	23	40	22	21	46	22	58	21	0	0	0	6	164	14	184	0	0	0
237	63	17	16	141	26	51	23	224	22	21	260	22	58	21	0	0	0	14	74	58	146	0	0	0
238	18	17	16	40	26	51	23	18	22	21	21	22	58	21	0	0	0	134	34	121	289	0	0	0
239	182	17	16	408	26	51	23	105	22	21	122	22	58	21	0	0	0	1	4	37	42	0	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	351	373	0	0	0
241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	58	20	82	0	0	0
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245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	569	569	0	0	0
246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	276	276	0	0	0
247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	0	0	0
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249	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	238	238	0	0	0
250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	617	617	0	0	0
251	107	0	14	225	10	44	46	843	10	27	1769	24	61	15	0	0	0	0	121	82	203	0	0	0
252	122	14	14	323	10	44	46	627	3	27	1710	24	61	15	0	0	0	74	54	450	578	1198	0	0
253	142	14	14	376	7	46	47	17	3	3	46	33	26	41	0	0	0	1	2	49	52	0	0	0
254	139	0	0	292	14	34	52	108	10	17	227	12	36	52	0	0	0	0	77	80	157	0	0	0
255	235	14	14	443	10	44	46	131	27	27	170	24	61	15	0	0	0	4	2	50	56	0	0	0
256	27	0	0	42	32	58	10	498	9	8	772	18	58	25	151	56	186	1	189	37	227	0	0	0
257	127	0	0	196	32	58	10	692	9	8	1073	18	58	25	0	0	0	24	2	43	69	0	0	0
258	419	17	17	1040	1	42	57	779	3	3	1442	3	39	58	0	0	0	9	0	96	105	0	0	0
259	29	4	1	65	1	27	73	0	0	0	0	0	40	60	440	56	542	4	311	445	760	0	0	0
260	273	3	3	608	0	41	59	0	0	0	0	0	47	53	0	0	0	13	19	18	50	0	0	0
261	283	3	3	635	4	36	60	6	5	5	13	19	41	40	0	0	0	5	48	102	155	0	0	0
262	111	3	3	249	4	36	60	96	5	5	201	19	41	40	0	0	0	3	0	7	10	0	0	0
263	0	3	3	0	4	36	60	0	5	5	0	19	41	40	0	0	0	46	365	122	533	0	0	0
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266	5	7	7	12	5	30	65	8	0	0	19	32	37	31	262	56	323	0	122	49	171	0	0	0
267	1	7	7	2	5	30	65	0	0	0	0	32	37	31	160	56	197	4	166	56	226	0	0	0
268	7	7	7	17	5	30	65	0	0	0	0	32	37	31	0	0	0	45	106	240	391	0	0	0
269	126	7	7	299	5	30	65	463	0	0	1102	32	37	31	0	0	0	1	0	289	290	1113	0	0
270	326	2	1	766	3	28	69	384	9	6	650	20	46	34	0	0	0	3	5	122	130	557	0	0
271	0	7	7	0	5	30	65	0	0	0	0	32	37	31	82	56	101	3	182	275	460	108	0	0
272	0	2	1	0	3	28	69	0	9	6	0	20	46	34	0	0	0	0	1063	337	1400	0	0	0
273	10	2	1	23	3	28	69	342	9	6	579	20	46	34	0	0	0	6	19	244	269	0	0	0
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276	129	11	11	270	8	47	45	422	3	3	711	4	53	44	0	0	0	2	119	166	287	0	0	0

277	58	11	11	121	8	47	45	29	3	3	49	4	53	44	0	0	0	3	117	53	173	0	0	0
278	42	3	3	104	0	32	68	0	5	5	0	0	38	62	0	0	0	0	0	7	7	0	0	0
279	38	3	3	94	0	32	68	0	5	5	0	0	38	62	0	0	0	0	0	0	0	0	0	0
280	50	3	0	129	0	20	80	0	0	0	0	0	17	83	0	0	0	0	0	3	3	0	0	0
281	176	3	0	453	0	20	80	0	0	0	0	0	17	83	0	0	0	1	0	10	11	0	0	0
282	286	2	2	736	0	24	76	0	0	0	0	0	17	83	0	0	0	0	2	18	20	0	0	0
283	571	3	3	1408	0	32	68	74	5	5	158	0	38	62	0	0	0	5	0	11	16	0	0	0
284	3	3	0	8	0	20	80	0	0	0	0	0	17	83	0	0	0	0	0	0	0	0	0	0
285	67	3	0	172	0	20	80	0	0	0	0	0	17	83	0	0	0	0	0	6	6	0	0	0
286	87	2	2	224	0	24	76	3	0	0	3	0	17	83	0	0	0	0	3	14	17	0	0	0
287	42	4	2	97	0	17	83	0	0	0	0	0	13	88	0	0	0	0	0	3	3	0	0	0
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290	0	0	0	0	0	51	49	0	7	4	0	2	54	44	0	0	0	0	28	17	45	0	0	0
291	24	0	0	68	0	51	49	394	7	4	658	2	54	44	356	56	439	167	149	1416	1732	0	0	0
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293	283	0	2	733	0	17	83	0	0	0	0	0	13	88	0	0	0	16	0	79	95	0	0	0
294	286	4	2	660	0	17	83	0	0	0	0	0	13	88	0	0	0	1	5	56	62	273	0	0
295	74	0	0	210	0	51	49	60	7	4	100	2	54	44	0	0	0	0	0	82	82	0	0	0
296	26	0	0	74	0	51	49	0	7	4	0	2	54	44	0	0	0	0	0	0	0	0	0	0
297	26	0	0	74	0	51	49	474	7	4	792	2	54	44	0	0	0	59	122	1526	1707	0	0	0
298	203	4	0	449	0	18	82	0	0	0	0	0	13	88	0	0	0	5	2	12	19	0	0	0
299	348	2	2	897	0	19	81	0	0	0	0	0	0	0	0	0	0	2	33	46	81	0	0	0
300	241	2	2	621	0	19	81	0	0	0	0	0	0	0	0	0	0	1	0	48	49	0	0	0
301	27	0	0	77	0	51	49	14	7	4	23	2	54	44	0	0	0	13	50	197	260	0	0	0
302	0	0	0	0	0	51	49	0	7	4	0	2	54	44	0	0	0	8	0	102	110	0	0	0
303	220	4	4	486	6	13	81	0	0	0	0	0	0	0	0	0	0	10	4	16	30	0	0	0
304	261	2	6	673	4	33	64	102	0	0	0	13	43	44	0	0	0	0	0	111	111	264	0	0
305	11	6	6	26	4	33	64	0	0	0	0	13	43	44	0	0	0	0	47	106	153	0	0	0
306	254	6	6	590	4	33	64	0	0	0	0	13	43	44	0	0	0	2	4	18	24	0	0	0
307	29	38	5	47	12	45	43	43	11	12	112	14	48	39	0	0	0	0	0	12	12	0	0	0
308	154	6	5	412	12	45	43	453	14	12	1142	14	48	39	0	0	0	7	2	14	23	0	0	0
309	247	6	5	661	12	45	43	49	14	12	123	14	48	39	0	0	0	25	28	36	89	0	0	0
310	30	38	38	48	10	25	65	223	11	11	582	11	38	51	0	0	0	0	2	1	3	0	0	0
311	247	6	5	661	12	45	43	96	14	12	242	14	48	39	0	0	0	49	63	11	123	0	0	0
312	0	9	9	0	13	39	48	0	9	9	0	14	42	44	0	0	0	0	0	0	0	0	0	0
313	15	9	9	41	13	39	48	8	9	9	15	14	42	44	0	0	0	3	0	3	6	0	0	0
314	0	9	9	0	13	39	48	96	9	9	183	14	42	44	0	0	0	0	3	17	20	0	0	0
315	75	9	9	207	13	39	48	6	9	9	11	14	42	44	0	0	0	0	0	46	46	0	0	0
316	253	9	9	700	13	39	48	64	9	9	122	14	42	44	0	0	0	4	1	149	154	886	0	0
317	4	9	9	11	13	39	48	0	9	9	0	14	42	44	0	0	0	0	0	0	0	0	0	0

318	0	9	9	0	13	39	48	0	9	9	0	14	42	44	0	0	0	0	0	0	0	0	0	0
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324	16	8	7	39	8	45	48	1	7	6	2	9	45	46	0	0	0	30	0	9	39	0	0	0
325	3	0	0	8	0	68	32	21	0	0	48	31	53	16	0	0	0	34	36	17	87	0	0	0
326	187	8	7	454	8	45	48	20	7	6	37	9	45	46	27	56	33	17	4	15	36	0	0	0
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333	10	0	0	28	0	68	32	3	0	0	7	31	53	16	0	0	0	10	2	146	158	486	0	0
334	90	0	0	253	0	68	32	282	0	0	643	31	53	16	0	0	0	28	92	126	246	0	0	0
335	10	8	7	24	8	45	48	101	7	6	184	9	45	46	0	0	0	6	0	16	22	0	0	0
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341	93	0	0	261	3	60	37	89	30	3	142	7	57	36	0	0	0	52	49	69	170	0	0	0
342	102	0	0	287	3	60	37	3	30	3	5	7	57	36	0	0	0	253	79	108	440	0	0	0
343	238	8	7	577	8	45	48	49	7	6	90	9	45	46	0	0	0	96	49	48	193	0	0	0
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346	10	13	13	19	11	36	53	0	30	30	0	11	36	53	0	0	0	0	73	96	169	0	0	0
347	3	13	13	6	11	36	53	0	30	30	0	11	36	53	0	0	0	13	45	25	83	0	0	0
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350	247	13	13	479	11	36	53	203	30	30	438	11	36	53	0	0	0	25	8	283	316	0	0	0
351	245	3	3	643	8	42	50	59	0	0	101	29	39	33	0	0	0	0	5	131	136	672	0	0
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354	183	21	18	452	21	69	9	606	24	21	748	27	61	12	0	0	0	13	38	181	232	0	0	0
355	31	33	33	44	7	52	41	879	17	17	1370	15	80	5	0	0	0	0	0	205	205	0	0	0
356	7	3	3	18	8	42	50	0	0	0	0	29	39	33	0	0	0	0	70	0	70	0	0	0
357	168	10	9	427	6	39	55	0	26	47	0	10	41	48	0	0	0	9	6	114	129	594	0	0
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359	116	24	21	209	16	45	39	81	16	14	176	19	44	37	0	0	0	33	7	52	92	0	0	0
360	55	24	21	99	16	45	39	139	16	14	301	19	44	37	0	0	0	77	78	37	192	0	0	0
361	50	9	9	135	6	39	55	0	47	47	0	10	41	48	0	0	0	0	0	3	3	0	0	0
362	109	9	9	294	6	39	55	1	47	47	1	10	41	48	0	0	0	2	2	19	23	0	0	0
363	22	24	21	40	16	45	39	143	16	14	310	19	44	37	0	0	0	1	2	6	9	0	0	0
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366	18	0	0	65	12	49	39	222	2	0	429	11	46	44	40	56	49	0	183	39	222	0	0	0
367	1	0	0	4	12	49	39	1225	2	0	2370	11	46	44	0	0	0	0	24	78	102	0	0	0
368	188	0	0	464	5	38	57	516	0	2	955	7	37	57	0	0	0	1	194	50	245	0	0	0
369	106	25	23	178	3	55	43	1221	22	19	1637	3	59	38	0	0	0	0	10	70	80	0	0	0
370	484	12	10	1211	9	39	52	167	7	6	357	11	35	54	0	0	0	86	62	82	230	0	0	0
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376	45	0	0	122	8	56	36	755	5	4	1286	10	55	35	18	56	22	19	127	258	404	0	0	0
377	40	0	0	109	8	56	36	700	5	4	1192	10	55	35	182	56	224	0	833	221	1054	0	0	0
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382	186	0	0	487	2	46	53	673	7	7	1518	4	50	46	0	0	0	14	59	145	218	586	0	0
383	54	13	13	109	11	63	26	345	5	5	631	17	55	28	0	0	0	7	170	213	390	318	0	0
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385	175	0	0	410	11	46	43	400	33	33	648	16	46	39	0	0	0	6	45	27	78	0	0	0
386	109	2	2	253	2	35	63	482	5	5	909	4	51	45	0	0	0	6	8	48	62	0	0	0
387	247	2	2	573	2	35	63	436	5	5	823	4	51	45	0	0	0	25	2	104	131	256	0	0
388	701	2	2	1626	1	34	65	227	5	13	428	0	25	75	0	0	0	17	21	35	73	0	0	0
389	112	0	0	268	5	55	40	292	11	11	503	5	63	32	0	0	0	6	5	26	37	56	0	0
390	58	0	0	139	5	55	40	5	11	11	9	5	63	32	0	0	0	0	0	48	48	0	0	0
391	29	0	0	69	5	55	40	382	11	11	658	5	63	32	0	0	0	4	0	4	8	0	0	0
392	9	0	0	50	0	42	58	664	5	3	1147	2	52	46	0	0	0	1	6	44	51	0	0	0
393	1	0	0	0	0	0	0	34	3	3	71	6	30	64	0	0	0	0	9	145	154	1288	0	0
394	0	0	0	0	3	40	58	500	20	20	652	5	69	26	0	0	0	4	6	150	160	213	0	0
395	95	0	0	253	3	40	58	8	20	20	10	5	69	26	0	0	0	2	0	2	4	0	0	0
396	223	0	0	593	3	40	58	16	20	20	21	5	69	26	0	0	0	10	2	20	32	0	0	0
397	7	0	0	0	0	0	0	831	3	3	1736	6	30	64	0	0	0	0	0	40	40	0	0	0
398	0	0	0	0	3	49	49	22	7	5	44	5	45	50	15	56	18	0	102	52	154	0	0	0
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400	41	0	0	102	3	49	49	330	7	5	660	5	45	50	0	0	0	10	22	12	44	0	0	0
401	0	0	0	0	0	0	0	69	3	3	144	6	30	64	0	0	0	0	275	41	316	0	0	0
402	0	0	0	0	13	56	31	0	11	11	0	17	52	31	0	0	0	0	20	824	844	0	0	0
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404	117	0	0	323	1	35	64	326	7	7	604	3	30	67	0	0	0	0	1	3	4	0	0	0
405	82	0	0	221	0	46	54	218	5	5	437	0	32	68	0	0	0	0	3	32	35	155	0	0
406	300	0	0	759	0	36	64	281	6	6	545	7	37	56	0	0	0	1	0	102	103	639	0	0
407	9	0	0	24	0	46	54	317	5	5	636	0	32	68	308	56	379	1	125	95	221	0	0	0
408	0	0	0	0	13	56	31	210	11	11	389	17	52	31	79	56	97	64	87	1265	1416	0	0	0
409	10	0	0	29	13	56	31	269	11	11	498	17	52	31	0	0	0	203	262	81	546	0	0	0
410	0	0	0	0	13	56	31	0	11	11	0	17	52	31	0	0	0	102	482	60	644	0	0	0
411	0	0	0	0	13	56	31	0	17	11	0	17	52	31	0	0	0	251	332	205	788	0	0	0
412	0	0	0	0	8	41	51	0	17	17	0	13	41	46	0	0	0	17	663	801	1481	0	0	0
413	10	0	0	29	8	41	51	268	17	17	545	13	41	46	0	0	0	46	147	90	283	0	0	0
414	30	0	0	75	8	41	51	155	11	17	184	13	41	46	0	0	0	2	0	10	12	0	0	0
415	195	3	3	509	1	24	75	36	0	0	78	0	41	59	0	0	0	6	19	140	165	40	0	0
416	14	3	3	37	1	24	75	0	0	0	0	0	41	59	0	0	0	280	75	65	420	0	0	0
417	244	3	3	637	1	24	75	97	0	0	210	0	41	59	0	0	0	4	15	32	51	0	0	0
418	82	3	3	214	1	24	75	0	0	0	0	0	41	59	0	0	0	10	0	91	101	716	0	0
419	42	3	3	110	1	24	75	0	0	0	0	0	41	59	0	0	0	3	0	3	6	0	0	0
420	553	3	3	1444	1	24	75	1	0	0	2	0	41	59	0	0	0	13	2	43	58	0	0	0
421	145	1	1	429	4	39	57	131	11	10	254	6	49	45	0	0	0	4	30	4	38	0	0	0
422	101	1	1	299	4	39	57	363	11	10	704	6	49	45	0	0	0	3	2	6	11	0	0	0
423	20	1	1	59	4	39	57	299	11	10	579	6	49	45	0	0	0	7	0	4	11	0	0	0
424	275	1	1	813	4	39	57	139	11	10	269	6	49	45	0	0	0	2	1	90	93	645	0	0
425	378	1	1	1118	4	39	57	142	11	10	275	6	49	45	0	0	0	4	6	11	21	0	0	0
426	199	1	1	589	4	39	57	1	11	10	2	6	49	45	0	0	0	0	1	3	4	0	0	0
427	0	1	1	0	4	39	57	0	11	10	0	6	49	45	0	0	0	0	0	4	4	0	0	0
428	160	1	1	473	4	39	57	0	11	10	0	6	49	45	0	0	0	8	0	11	19	0	0	0
429	670	3	2	1695	0	21	79	286	7	6	562	0	47	53	0	0	0	35	22	87	144	0	0	0
430	543	0	0	1482	2	22	76	4	0	0	16	0	25	75	0	0	0	20	5	27	52	0	0	0
431	321	0	0	844	3	35	62	273	28	25	393	1	39	60	0	0	0	19	87	117	223	0	0	0
432	28	0	0	61	2	22	76	75	10	0	138	0	25	75	0	0	0	6	226	141	373	0	0	0
433	68	7	6	164	0	48	52	32	24	4	54	0	42	58	0	0	0	55	100	100	255	0	0	0
434	78	0	0	170	0	54	46	92	10	4	169	0	53	47	0	0	0	60	92	75	227	0	0	0
435	68	7	6	164	0	48	52	94	24	4	160	0	42	58	0	0	0	26	15	120	161	72	0	0
436	86	0	0	185	19	20	61	4	0	0	6	44	29	26	79	56	97	5	41	137	183	0	0	0
437	89	0	0	191	19	20	61	72	0	0	108	44	29	26	0	0	0	6	0	190	196	0	0	0
438	1	7	6	2	0	48	52	288	24	4	490	0	42	58	669	56	824	0	137	462	599	0	0	0
439	42	5	5	117	7	24	69	29	10	10	71	9	32	59	0	0	0	1	0	5	6	0	0	0
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441	8	5	5	22	7	24	69	0	10	10	0	9	32	59	0	0	0	0	0	3	3	0	0	0
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443	199	2	2	482	7	31	62	123	12	12	362	8	30	62	0	0	0	19	0	26	45	0	0	0
444	58	5	5	162	7	24	69	9	10	10	22	9	32	59	0	0	0	4	1	7	12	0	0	0
445	38	2	2	92	7	31	62	18	12	12	53	8	30	62	0	0	0	2	0	1	3	0	0	0
446	48	2	2	116	7	31	62	11	12	12	32	8	30	62	0	0	0	2	8	7	17	0	0	0
447	309	2	2	913	0	7	94	0	0	0	0	0	0	0	0	0	0	10	7	57	74	0	0	0
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449	91	0	0	306	3	28	70	4	29	29	7	2	38	60	0	0	0	4	0	17	21	0	0	0
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451	323	0	4	963	4	39	57	64	29	0	80	4	31	65	0	0	0	676	124	134	934	0	0	0
452	573	4	0	1409	3	28	70	38	0	29	81	2	38	60	0	0	0	11	6	31	48	0	0	0
453	80	0	0	269	3	28	70	7	29	29	12	2	38	60	0	0	0	14	0	7	21	0	0	0
454	36	0	0	121	3	28	70	0	29	29	0	2	38	60	0	0	0	0	0	4	4	0	0	0
455	9	0	0	17	11	54	34	4	27	18	8	16	58	26	0	0	0	0	4	4	8	0	0	0
456	1	0	0	2	11	54	34	0	27	18	0	16	58	26	0	0	0	92	261	57	410	0	0	0
457	54	0	0	105	11	54	34	42	27	18	79	16	58	26	0	0	0	1	156	14	171	0	0	0
458	9	0	0	17	11	54	34	114	27	18	214	16	58	26	0	0	0	65	46	43	154	0	0	0
459	0	0	0	0	11	54	34	101	27	18	190	16	58	26	121	56	149	47	378	967	1392	0	0	0
460	66	0	0	215	3	43	54	81	14	14	156	3	42	55	0	0	0	10	12	10	32	0	0	0
461	41	0	0	134	3	43	54	248	14	14	478	3	42	55	0	0	0	74	31	10	115	0	0	0
462	12	0	0	30	0	32	68	195	1	12	395	7	65	28	0	0	0	144	98	141	383	0	0	0
463	1	4	4	3	6	36	59	0	0	0	0	14	35	51	230	56	283	0	90	99	189	0	0	0
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465	351	4	4	902	6	36	59	100	0	0	186	14	35	51	0	0	0	50	399	255	704	0	0	0
466	56	4	4	144	6	36	59	58	0	0	108	14	35	51	0	0	0	8	3	9	20	0	0	0
467	404	3	3	1050	0	20	80	24	15	15	41	0	27	73	0	0	0	7	43	112	162	0	0	0
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469	41	4	4	105	6	36	59	0	0	0	0	14	35	51	0	0	0	2	0	4	6	0	0	0
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473	47	13	3	123	2	15	83	20	5	2	48	2	15	84	0	0	0	43	0	1	44	0	0	0
474	26	13	3	68	2	15	83	15	5	2	36	2	15	84	0	0	0	3	5	29	37	0	0	0
475	32	13	3	84	2	15	83	8	5	2	19	2	15	84	0	0	0	2	0	5	7	0	0	0
476	364	13	5	952	3	25	73	89	5	6	214	2	35	62	0	0	0	54	11	47	112	0	0	0
477	736	5	4	2123	0	10	91	0	14	11	0	0	16	84	0	0	0	5	2	33	40	0	0	0
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479	18	5	5	49	3	25	73	0	6	6	0	2	35	62	0	0	0	5	1	6	12	0	0	0
480	0	5	5	0	3	25	73	0	6	6	0	2	35	62	0	0	0	4	0	6	10	0	0	0
481	687	1	1	2067	1	28	71	2	0	0	10	0	30	70	0	0	0	22	18	35	75	0	0	0

482	434	1	1	1192	0	30	70	0	0	0	0	0	0	0	0	0	0	6	10	13	29	0	0	0
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491	425	3	3	1332	1	10	89	19	0	0	32	0	13	88	0	0	0	2	31	47	80	0	0	0
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500	252	5	5	667	0	27	73	6	21	21	8	0	24	76	0	0	0	24	4	26	54	0	0	0
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511	230	4	4	593	1	23	76	0	0	0	0	0	26	74	0	0	0	23	13	50	86	0	0	0
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517	1063	1	1	3064	0	17	83	109	0	0	0	0	0	0	0	0	0	42	30	192	264	346	0	0
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519	580	5	5	1402	1	32	67	10	0	0	14	0	35	65	0	0	0	3	7	23	33	0	0	0
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552	328	0	0	932	4	19	77	18	18	18	40	0	18	82	0	0	0	26	33	36	95	0	0	0
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572	0	0	0	0	1	16	83	0	12	12	0	1	17	81	0	0	0	0	0	0	0	0	0	0
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609	72	5	3	184	4	33	63	160	12	7	252	3	35	62	0	0	0	2	14	10	26	0	0	0
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614	44	9	9	93	7	39	54	3	8	8	5	8	41	52	0	0	0	0	683	108	791	0	0	0
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616	3	0	9	7	7	39	54	22	4	8	40	8	41	52	0	0	0	1	9	0	10	0	0	0
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618	0	9	9	0	7	39	54	110	8	8	190	8	41	52	0	0	0	0	0	2	2	0	0	0
619	0	9	9	0	7	39	54	0	8	8	0	8	41	52	0	0	0	0	0	0	0	0	0	0
620	132	9	9	279	7	39	54	83	8	8	143	8	41	52	0	0	0	9	0	20	29	25	0	0
621	92	9	9	194	7	39	54	5	8	8	9	8	41	52	0	0	0	3	15	0	18	0	0	0
622	287	4	4	724	3	29	69	69	0	0	179	3	60	37	0	0	0	3	4	15	22	0	0	0
623	364	4	4	919	3	29	69	7	0	0	18	3	60	37	0	0	0	10	5	13	28	0	0	0
624	15	0	0	50	0	70	30	15	7	0	23	5	69	27	0	0	0	59	23	90	172	0	0	0
625	0	0	0	0	0	70	30	0	7	0	0	5	69	27	0	0	0	11	35	444	490	0	0	0
626	4	0	0	13	0	70	30	206	7	0	319	5	69	27	0	0	0	0	135	1318	1453	0	0	0
627	0	0	0	0	0	70	30	136	7	0	211	5	69	27	0	0	0	2	67	1193	1262	0	0	0
628	124	0	0	229	1	59	40	359	8	8	712	4	61	35	0	0	0	0	17	30	47	0	0	0
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630	93	0	0	172	14	35	51	93	8	0	184	28	40	32	0	0	0	1	0	102	103	682	0	0
631	116	0	0	298	14	35	51	214	0	0	242	28	40	32	0	0	0	0	0	534	534	0	0	0
632	121	3	3	296	2	27	71	52	50	50	52	3	27	70	0	0	0	6	0	1	7	0	0	0
633	81	3	3	198	2	27	71	3	50	50	3	3	27	70	0	0	0	1	0	2	3	0	0	0
634	5	3	3	12	2	27	71	12	50	50	12	3	27	70	0	0	0	111	451	216	778	0	0	0
635	367	3	3	898	2	27	71	0	50	50	0	3	27	70	0	0	0	0	67	13	80	0	0	0
636	12	3	3	29	2	27	71	0	50	50	0	3	27	70	0	0	0	0	0	9	9	0	0	0
637	129	3	3	316	2	27	71	0	50	50	0	3	27	70	0	0	0	6	1	5	12	0	0	0
638	23	0	0	62	0	17	83	11	14	14	21	0	14	86	0	0	0	0	0	1	1	0	0	0
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655	3	0	0	8	0	17	83	2	14	14	4	0	14	86	0	0	0	0	0	0	0	0	0	0
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659	51	3	3	145	2	19	79	1	0	0	2	0	23	77	0	0	0	1	1	12	14	0	0	0
660	171	3	3	488	2	19	79	1	0	0	2	0	23	77	0	0	0	3	1	20	24	0	0	0
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665	58	3	3	162	1	18	81	0	0	0	0	0	16	84	0	0	0	0	0	100	100	870	0	0
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667	273	3	3	762	1	18	81	3	0	0	7	0	16	84	0	0	0	8	4	11	23	0	0	0
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669	0	6	6	0	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	0	0	0	0	0
670	20	6	6	48	2	30	68	4	8	8	9	1	32	67	0	0	0	1	0	6	7	0	0	0
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685	78	6	6	189	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	0	0	0	0	0
686	11	6	6	27	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	1	1	0	0	0

687	13	6	6	31	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	35	35	0	0	0
688	73	6	6	177	2	30	68	0	8	8	0	1	32	67	0	0	0	25	3	10	38	0	0	0
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691	0	6	6	0	2	30	68	242	8	8	528	1	32	67	0	0	0	0	0	18	18	0	0	0
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693	100	6	6	242	2	30	68	56	8	8	122	1	32	67	0	0	0	0	60	25	85	0	0	0
694	166	6	6	402	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	4	4	0	0	0
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697	73	6	6	177	2	30	68	23	8	8	50	1	32	67	0	0	0	0	0	0	0	0	0	0
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699	1	6	6	2	2	30	68	51	8	8	111	1	32	67	0	0	0	0	0	0	0	0	0	0
700	97	6	6	235	2	30	68	0	8	8	0	1	32	67	0	0	0	0	0	0	0	0	0	0
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707	2	6	6	5	2	30	68	9	8	8	20	1	32	67	0	0	0	0	0	18	18	0	0	0
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709	310	6	6	750	2	30	68	17	8	8	37	1	32	67	0	0	0	9	1	14	24	0	0	0
710	388	6	6	939	2	30	68	172	8	8	375	1	32	67	0	0	0	14	7	20	41	0	0	0
711	105	6	6	254	2	30	68	157	8	8	343	1	32	67	0	0	0	9	3	0	12	0	0	0
712	86	6	6	208	2	30	68	43	8	8	94	1	32	67	0	0	0	10	5	6	21	0	0	0
713	18	7	6	53	2	30	68	70	8	8	183	1	32	67	0	0	0	0	243	37	280	0	0	0
714	0	7	4	0	1	28	71	312	8	5	816	1	27	72	0	0	0	4	6	3	13	0	0	0
715	0	13	13	0	5	32	63	0	0	0	0	4	34	62	0	0	0	0	0	0	0	0	0	0
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717	5	13	13	10	5	32	63	5	0	0	14	4	34	62	0	0	0	64	1	5	70	0	0	0
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719	2	7	4	6	1	28	71	0	8	5	0	1	27	72	0	0	0	12	5	23	40	0	0	0
720	7	7	4	21	1	28	71	1	8	5	3	1	27	72	0	0	0	23	40	31	94	0	0	0
721	12	13	13	24	5	32	63	15	0	0	42	4	34	62	0	0	0	0	3	0	3	0	0	0
722	0	13	13	0	5	32	63	0	0	0	0	4	34	62	0	0	0	0	0	0	0	0	0	0
723	0	13	13	0	5	32	63	0	0	0	0	4	34	62	0	0	0	33	0	0	33	0	0	0
724	23	13	13	46	5	32	63	2	0	0	6	4	34	62	0	0	0	0	0	1	1	0	0	0
725	12	13	13	24	5	32	63	6	0	0	17	4	34	62	0	0	0	0	0	0	0	0	0	0
726	186	7	4	548	1	28	71	155	8	5	405	1	27	72	0	0	0	11	6	7	24	0	0	0
727	112	7	4	330	1	28	71	115	8	5	301	1	27	72	0	0	0	8	0	17	25	0	0	0

728	22	7	4	65	1	28	71	30	8	5	78	1	27	72	0	0	0	0	48	18	66	0	0	0
729	2	13	13	4	5	32	63	4	0	0	11	4	34	62	0	0	0	10	1	6	17	0	0	0
730	28	13	13	56	5	32	63	77	0	0	214	4	34	62	0	0	0	5	4	9	18	0	0	0
731	43	0	0	84	0	45	55	200	5	5	475	0	54	46	0	0	0	7	3	23	33	0	0	0
732	152	8	8	364	7	29	64	358	10	10	865	7	25	68	0	0	0	18	1	34	53	0	0	0
733	150	8	8	359	7	29	64	154	10	10	372	7	25	68	0	0	0	6	42	35	83	0	0	0
734	155	13	13	308	5	32	63	113	0	0	314	4	34	62	0	0	0	5	120	131	256	483	0	0
735	270	10	6	507	4	40	56	328	4	2	930	3	40	57	0	0	0	25	6	43	74	0	0	0
736	0	13	13	0	5	32	63	0	0	0	0	4	34	62	0	0	0	0	0	3	3	0	0	0
737	55	0	0	129	0	37	63	45	0	0	116	0	33	67	0	0	0	2	0	5	7	0	0	0
738	296	17	7	754	2	28	70	187	17	7	398	2	26	72	0	0	0	22	11	4	37	0	0	0
739	196	17	7	499	2	28	70	304	17	7	647	2	26	72	0	0	0	18	15	17	50	0	0	0
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741	75	17	7	191	2	28	70	38	17	7	81	2	26	72	0	0	0	2	0	1	3	0	0	0
742	11	0	0	28	0	36	64	11	34	28	15	7	49	44	0	0	0	87	6	11	104	0	0	0
743	31	0	0	80	0	36	64	61	34	28	85	7	49	44	0	0	0	1	21	21	43	0	0	0
744	9	0	0	23	0	36	64	448	34	28	622	7	49	44	0	0	0	11	55	65	131	0	0	0
745	16	0	0	38	0	37	63	42	0	0	108	0	33	67	0	0	0	7	0	4	11	0	0	0
746	69	0	0	162	7	46	47	121	7	7	273	6	51	44	0	0	0	9	3	19	31	0	0	0
747	61	0	0	142	7	46	47	402	7	7	908	6	51	44	0	0	0	15	6	29	50	0	0	0
748	77	0	0	217	4	39	56	451	12	10	949	4	43	53	0	0	0	38	56	32	126	0	0	0
749	172	0	0	485	4	39	56	118	12	10	248	4	43	53	0	0	0	72	12	6	90	0	0	0
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756	0	4	4	0	6	31	64	0	10	10	0	6	34	61	0	0	0	60	0	0	60	0	0	0
757	78	4	4	168	6	31	64	55	10	10	140	6	34	61	0	0	0	6	2	0	8	0	0	0
758	156	10	6	309	8	47	45	144	20	13	197	12	57	31	0	0	0	4	28	32	64	0	0	0
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1001	19	9	9	40	8	43	48	5	0	0	12	14	52	35	0	0	0	9	0	0	9	0	0	0
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1005	1	9	9	2	8	43	48	0	0	0	0	14	52	35	0	0	0	0	0	0	0	0	0	0
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1173	12	8	8	29	16	34	50	9	10	10	23	18	38	44	0	0	0	0	0	0	0	0	0	0
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1321	109	1	1	281	2	21	77	45	13	13	96	2	25	74	0	0	0	7	22	26	55	0	0	0
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1323	71	2	1	188	15	35	51	102	9	6	219	14	34	52	0	0	0	108	5	0	113	0	0	0
1324	44	2	1	116	15	35	51	64	9	6	138	14	34	52	0	0	0	0	0	0	0	0	0	0
1325	4	9	8	9	10	41	49	3	9	7	10	10	41	50	0	0	0	0	0	6	6	0	0	0
1326	119	0	0	277	12	17	71	109	0	0	350	12	25	63	0	0	0	0	0	6	6	0	0	0
1327	3	8	8	7	5	36	59	3	8	8	8	3	37	60	0	0	0	200	0	0	200	0	0	0
1328	73	17	16	151	12	36	52	83	6	6	212	19	42	39	0	0	0	0	0	7	7	0	0	0
1329	131	7	6	263	6	36	58	20	12	11	33	12	39	49	0	0	0	4	12	0	16	0	0	0
1330	2	8	8	4	5	36	59	1	8	8	3	3	37	60	0	0	0	0	0	0	0	0	0	0
1331	47	17	16	98	12	36	52	52	70	6	43	19	42	39	0	0	0	0	0	0	0	0	0	0
1332	159	20	9	252	4	22	75	223	18	8	486	2	19	79	0	0	0	4	0	34	38	0	0	0
1333	7	21	21	11	23	27	50	17	0	0	48	32	39	28	0	0	0	0	4	183	187	0	0	0
1334	50	7	5	123	6	22	72	27	11	8	58	9	25	66	0	0	0	0	5	3	8	0	0	0
1335	411	14	14	1053	17	36	47	64	14	14	164	17	36	47	0	0	0	7	0	6	13	0	0	0
1336	4	9	7	11	18	34	49	3	15	12	8	23	36	41	0	0	0	4	0	0	4	0	0	0

1337	5	14	14	13	17	36	47	5	14	14	13	17	36	47	0	0	0	0	0	3	3	0	0	0
1338	20	12	9	50	6	33	61	19	12	9	51	10	35	55	0	0	0	0	0	0	0	0	0	0
1339	58	20	9	92	4	22	75	78	18	8	169	2	19	79	11	56	14	0	4	0	4	0	0	0
1340	97	9	8	215	10	41	49	118	9	7	365	10	41	50	0	0	0	0	0	0	0	0	0	0
1341	0	12	9	0	6	33	61	1	12	9	3	10	35	55	0	0	0	0	0	0	0	0	0	0
1601	50	7	6	136	6	28	67	50	12	11	106	12	28	67	0	0	0	60	286	95	441	0	0	0
1602	240	7	6	652	6	28	67	77	12	11	164	12	28	67	0	0	0	0	0	5	5	0	0	0
1603	30	5	5	80	3	23	73	56	7	7	141	4	23	73	0	0	0	0	0	22	22	0	0	0
1604	119	7	6	323	6	28	67	66	12	11	140	12	28	67	0	0	0	10	14	22	46	0	0	0
1605	106	27	4	235	0	37	63	5	2	0	11	0	37	63	0	0	0	0	0	0	0	0	0	0
1606	105	27	4	233	0	37	63	65	2	0	141	0	37	63	0	0	0	0	0	0	0	0	0	0
1607	22	27	4	49	0	37	63	24	2	0	52	0	37	63	0	0	0	0	5	0	5	0	0	0
1608	31	27	4	69	0	37	63	66	2	0	143	0	37	63	0	0	0	0	0	0	0	0	0	0
1609	329	13	7	695	3	27	70	28	20	10	49	3	27	70	0	0	0	0	0	6	6	0	0	0
1610	4	5	5	11	3	23	73	0	7	7	0	4	23	73	0	0	0	0	0	0	0	0	0	0
1611	5	5	5	13	3	23	73	1	7	7	3	4	23	73	0	0	0	0	0	0	0	0	0	0
1612	197	7	6	535	6	28	67	67	12	11	142	12	28	67	0	0	0	6	120	125	251	0	0	0
1613	291	0	0	757	5	28	68	55	20	20	110	5	28	68	0	0	0	19	35	11	65	0	0	0
1614	81	5	5	216	3	23	73	65	7	7	164	4	23	73	0	0	0	10	0	0	10	0	0	0
1615	23	5	5	61	3	23	73	38	7	7	96	4	23	73	0	0	0	0	5	164	169	1286	0	0
1616	15	5	5	40	3	23	73	7	7	7	18	4	23	73	0	0	0	0	0	8	8	0	0	0
1617	238	7	6	647	6	28	67	134	12	11	285	12	28	67	71	56	87	26	43	174	243	537	0	0
1618	130	27	4	288	0	37	63	85	2	0	185	0	37	63	0	0	0	0	0	6	6	0	0	0
1619	86	13	7	182	3	27	70	98	20	10	171	3	27	70	0	0	0	0	0	20	20	0	0	0
1620	7	13	7	15	3	27	70	10	20	10	17	3	27	70	0	0	0	0	0	0	0	0	0	0
1621	198	13	7	418	3	27	70	14	20	10	24	3	27	70	0	0	0	0	0	23	23	0	0	0
1622	108	13	7	228	3	27	70	78	20	10	136	3	27	70	0	0	0	0	21	20	41	0	0	0
1623	76	22	11	148	9	29	63	94	17	9	215	5	29	63	0	0	0	6	14	10	30	0	0	0
1624	27	7	6	73	6	28	67	24	12	11	51	12	28	67	57	56	70	30	10	197	237	0	0	0
1625	18	27	4	40	0	37	63	41	2	0	89	0	37	63	0	0	0	0	0	199	199	1328	0	0
1626	22	21	10	38	11	36	52	10	18	9	21	11	36	52	0	0	0	25	15	13	53	0	0	0
1627	31	7	6	84	6	28	67	18	12	11	38	12	28	67	0	0	0	0	0	0	0	0	0	0
1628	32	7	6	87	6	28	67	21	12	11	45	12	28	67	0	0	0	18	0	84	102	827	0	0
1629	151	7	6	410	6	28	67	15	12	11	32	12	28	67	0	0	0	1	6	185	192	0	0	0
1630	101	0	0	263	5	28	68	20	20	20	40	5	28	68	0	0	0	0	27	26	53	0	0	0
1631	24	0	0	62	5	28	68	20	20	20	40	5	28	68	0	0	0	0	0	5	5	0	0	0
1632	56	0	0	146	5	28	68	82	20	20	164	5	28	68	0	0	0	0	246	14	260	0	0	0
1633	42	5	5	112	3	23	73	32	7	7	81	4	23	73	27	56	33	0	0	100	100	0	0	0
1634	84	0	0	197	5	25	69	100	12	12	257	5	25	69	0	0	0	36	0	37	73	0	0	0
1635	19	0	0	45	5	25	69	57	12	12	147	5	25	69	0	0	0	6	5	81	92	0	0	0
1636	50	5	5	133	3	23	73	100	7	7	252	4	23	73	0	0	0	0	0	0	0	0	0	0

1637	27	5	5	72	3	23	73	19	7	7	48	4	23	73	0	0	0	0	0	0	0	0	0	0
1638	26	5	5	69	3	23	73	19	7	7	48	4	23	73	0	0	0	0	0	0	0	0	0	0
1639	313	5	5	834	3	23	73	350	7	7	884	4	23	73	0	0	0	6	0	6	12	0	0	0
1640	0	16	1	0	4	42	53	0	10	1	0	4	42	53	0	0	0	0	0	0	0	0	0	0
1641	65	16	1	130	4	42	53	66	10	1	156	4	42	53	0	0	0	0	0	475	475	0	0	0
1642	45	0	0	106	5	25	69	62	12	12	159	5	25	69	0	0	0	0	0	0	0	0	0	0
1643	74	0	0	174	5	25	69	76	12	12	196	5	25	69	0	0	0	15	0	0	15	0	0	0
1644	10	0	0	24	5	25	69	40	12	12	103	5	25	69	0	0	0	0	0	0	0	0	0	0
1645	12	0	0	28	5	25	69	7	12	12	18	5	25	69	0	0	0	3	0	2	5	0	0	0
1646	81	5	5	216	3	23	73	143	7	7	361	4	23	73	0	0	0	0	0	0	0	0	0	0
1647	40	5	5	107	3	23	73	51	7	7	129	4	23	73	0	0	0	0	0	0	0	0	0	0
1648	25	0	0	59	5	25	69	33	12	12	85	5	25	69	0	0	0	0	0	0	0	0	0	0
1649	44	16	1	88	4	42	53	23	10	1	55	4	42	53	0	0	0	0	0	0	0	0	0	0
1650	0	16	1	0	4	42	53	0	10	1	0	4	42	53	0	0	0	0	0	0	0	0	0	0
1651	34	16	1	68	4	42	53	20	10	1	47	4	42	53	0	0	0	0	37	26	63	0	0	0
1652	33	16	1	66	4	42	53	31	10	1	73	4	42	53	0	0	0	300	0	25	325	97	0	0
1653	117	13	7	247	3	27	70	22	20	10	38	3	27	70	0	0	0	20	0	0	20	0	0	0
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1655	4	16	1	8	4	42	53	9	10	1	21	4	42	53	0	0	0	0	0	0	0	0	0	0
1656	41	27	4	91	0	37	63	40	2	0	87	0	37	63	0	0	0	0	7	0	7	0	0	0
1657	28	27	4	62	0	37	63	12	2	0	26	0	37	63	0	0	0	0	0	0	0	0	0	0
1658	159	21	10	272	11	36	52	161	18	9	342	11	36	52	0	0	0	10	24	127	161	660	0	0
1659	197	21	10	337	11	36	52	36	18	9	77	11	36	52	0	0	0	0	0	0	0	0	0	0
1660	71	24	12	134	6	29	66	35	26	13	62	7	29	66	0	0	0	0	0	0	0	0	0	0
1661	39	24	12	74	6	29	66	33	26	13	58	7	29	66	0	0	0	0	0	0	0	0	0	0
1662	18	22	11	35	9	29	63	7	17	9	16	5	29	63	0	0	0	0	0	0	0	0	0	0
1663	116	22	11	226	9	29	63	41	17	9	94	5	29	63	0	0	0	0	0	20	20	0	0	0
1664	17	24	12	32	6	29	66	10	26	13	18	7	29	66	0	0	0	0	0	0	0	0	0	0
1665	43	22	11	84	9	29	63	11	17	9	25	5	29	63	0	0	0	0	0	0	0	0	0	0
1666	1	24	12	2	6	29	66	2	26	13	4	7	29	66	0	0	0	0	0	0	0	0	0	0
1667	21	22	11	41	9	29	63	11	17	9	25	5	29	63	0	0	0	0	0	0	0	0	0	0
1668	6	24	12	11	6	29	66	23	26	13	41	7	29	66	0	0	0	0	0	0	0	0	0	0
1669	2	0	0	5	5	28	68	4	20	20	8	5	28	68	0	0	0	0	0	0	0	0	0	0
1670	21	22	11	41	9	29	63	17	17	9	39	5	29	63	0	0	0	6	0	51	57	0	0	0
1671	98	7	6	266	6	28	67	42	12	11	89	12	28	67	0	0	0	0	0	13	13	33	0	0
1672	34	5	5	91	3	23	73	35	7	7	88	4	23	73	0	0	0	0	0	0	0	0	0	0
1673	5	5	5	13	3	23	73	35	7	7	88	4	23	73	0	0	0	0	0	0	0	0	0	0
1674	28	5	5	75	3	23	73	29	7	7	73	4	23	73	0	0	0	0	0	0	0	0	0	0
1675	26	27	4	58	0	37	63	70	2	0	152	0	37	63	0	0	0	0	0	0	0	0	0	0
1676	29	13	7	61	3	27	70	71	20	10	124	3	27	70	0	0	0	0	0	0	0	0	0	0
1677	243	13	7	513	3	27	70	0	20	10	0	3	27	70	0	0	0	0	0	0	0	0	0	0

1678	119	13	7	251	3	27	70	8	20	10	14	3	27	70	0	0	0	0	10	7	17	0	0	0
1679	12	27	4	27	0	37	63	27	2	0	59	0	37	63	0	0	0	7	0	0	7	0	0	0
1680	66	27	4	146	0	37	63	22	2	0	48	0	37	63	0	0	0	0	6	0	6	0	0	0
1681	58	13	7	122	3	27	70	5	20	10	9	3	27	70	0	0	0	0	12	0	12	0	0	0
1682	167	13	7	353	3	27	70	129	20	10	225	3	27	70	0	0	0	0	0	21	21	0	0	0
1683	12	21	10	21	11	36	52	8	18	9	17	11	36	52	0	0	0	0	0	0	0	0	0	0
1684	22	30	12	34	9	43	48	9	32	13	15	11	43	48	15	56	18	0	0	18	18	0	0	0
1685	92	30	12	140	9	43	48	53	32	13	87	11	43	48	0	0	0	5	50	47	102	0	0	0
1686	178	30	12	271	9	43	48	29	32	13	48	11	43	48	0	0	0	0	68	15	83	0	0	0
1687	99	30	12	151	9	43	48	156	32	13	256	11	43	48	0	0	0	42	12	0	54	0	0	0
1688	47	30	12	72	9	43	48	69	32	13	113	11	43	48	26	56	32	6	20	52	78	0	0	0
1689	34	21	10	58	11	36	52	31	18	9	66	11	36	52	0	0	0	0	0	0	0	0	0	0
1690	105	24	12	199	6	29	66	30	26	13	53	7	29	66	0	0	0	0	0	0	0	0	0	0
1691	49	24	12	93	6	29	66	35	26	13	62	7	29	66	0	0	0	0	13	157	170	37	0	0
1692	5	21	10	9	11	36	52	4	18	9	9	11	36	52	0	0	0	0	12	0	12	0	0	0
1693	37	24	12	70	6	29	66	10	26	13	18	7	29	66	0	0	0	0	25	38	63	0	0	0
1694	13	7	6	35	6	28	67	41	12	11	87	12	28	67	0	0	0	0	0	6	6	33	0	0
1695	37	7	6	101	6	28	67	0	12	11	0	12	28	67	0	0	0	0	0	0	0	0	0	0
1696	18	16	1	36	4	42	53	23	10	1	55	4	42	53	7	56	9	0	10	78	88	0	0	0
1697	48	16	1	96	4	42	53	38	10	1	90	4	42	53	28	56	34	0	19	5	24	0	0	0
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1699	22	22	11	43	9	29	63	8	17	9	18	5	29	63	0	0	0	0	0	0	0	0	0	0
1700	34	5	5	91	3	23	73	72	7	7	182	4	23	73	0	0	0	0	6	36	42	0	0	0
1701	81	22	11	157	9	29	63	55	17	9	126	5	29	63	0	0	0	10	0	3	13	0	0	0
1702	83	22	11	161	9	29	63	24	17	9	55	5	29	63	0	0	0	0	0	0	0	0	0	0
1703	123	24	12	233	6	29	66	52	26	13	92	7	29	66	0	0	0	0	0	0	0	0	0	0
1704	88	22	11	171	9	29	63	97	17	9	221	5	29	63	0	0	0	0	5	0	5	0	0	0
1705	60	22	11	117	9	29	63	64	17	9	146	5	29	63	0	0	0	0	0	2	2	0	0	0
1706	0	22	11	0	9	29	63	1	17	9	2	5	29	63	0	0	0	0	0	0	0	0	0	0
1707	34	7	6	92	6	28	67	35	12	11	74	12	28	67	0	0	0	0	0	0	0	0	0	0
1708	37	5	5	99	3	23	73	42	7	7	106	4	23	73	0	0	0	0	0	20	20	0	0	0
1709	46	7	6	125	6	28	67	16	12	11	34	12	28	67	0	0	0	0	15	59	74	0	0	0
1710	48	7	6	130	6	28	67	31	12	11	66	12	28	67	0	0	0	7	0	8	15	0	0	0
1711	114	7	6	310	6	28	67	33	12	11	70	12	28	67	0	0	0	0	0	0	0	0	0	0
1712	5	0	0	13	5	28	68	19	20	20	38	5	28	68	0	0	0	0	0	0	0	0	0	0
1713	153	0	0	398	5	28	68	101	20	20	202	5	28	68	0	0	0	0	31	471	502	0	0	0
2001	6	13	6	12	4	32	64	10	11	5	26	4	33	63	0	0	0	3	0	0	3	0	0	0
2002	3	13	6	6	4	32	64	0	11	5	0	4	33	63	0	0	0	1	0	0	1	0	0	0
2003	31	13	6	62	4	32	64	15	11	5	39	4	33	63	0	0	0	0	0	0	0	0	0	0
2004	139	13	6	277	4	32	64	142	11	5	370	4	33	63	0	0	0	2	3	0	5	0	0	0
2005	62	13	6	124	4	32	64	56	11	5	146	4	33	63	0	0	0	16	0	0	16	0	0	0

2006	69	13	6	137	4	32	64	47	11	5	122	4	33	63	0	0	0	9	0	3	12	0	0	0
2007	33	13	6	66	4	32	64	19	11	5	49	4	33	63	0	0	0	3	1	3	7	0	0	0
2008	69	13	6	137	4	32	64	35	11	5	91	4	33	63	5	56	6	1	0	9	10	0	0	0
2009	60	13	6	120	4	32	64	26	11	5	68	4	33	63	0	0	0	0	0	9	9	0	0	0
2010	77	35	17	123	8	33	59	57	0	0	144	10	35	55	0	0	0	1	1	9	11	0	0	0
2011	25	35	17	40	8	33	59	15	0	0	38	10	35	55	0	0	0	1	0	0	1	0	0	0
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2014	42	35	17	67	8	33	59	11	0	0	28	10	35	55	0	0	0	0	0	2	2	0	0	0
2015	12	35	17	19	8	33	59	58	0	0	147	10	35	55	22	56	27	26	0	133	159	0	0	0
2016	19	35	17	30	8	33	59	5	0	0	13	10	35	55	0	0	0	0	0	10	10	0	0	0
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2019	40	35	17	64	8	33	59	14	0	0	35	10	35	55	0	0	0	0	0	8	8	0	0	0
2020	14	5	5	33	13	38	50	12	8	8	27	27	42	32	0	0	0	6	0	0	6	0	0	0
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2022	83	5	5	193	13	38	50	8	8	8	18	27	42	32	0	0	0	0	5	0	5	0	0	0
2023	39	5	5	91	13	38	50	2	8	8	4	27	42	32	0	0	0	0	0	6	6	0	0	0
2024	9	5	5	21	13	38	50	0	8	8	0	27	42	32	0	0	0	2	11	9	22	0	0	0
2025	7	5	5	16	13	38	50	0	8	8	0	27	42	32	0	0	0	0	8	8	16	0	0	0
2026	23	5	5	53	13	38	50	44	8	8	98	27	42	32	0	0	0	1	0	15	16	0	0	0
2027	0	5	5	0	13	38	50	0	8	8	0	27	42	32	0	0	0	0	0	92	92	654	0	0
2028	97	5	5	225	13	38	50	41	8	8	91	27	42	32	0	0	0	2	36	52	90	0	0	0
2029	1	11	10	2	9	39	52	0	15	14	0	14	50	36	0	0	0	0	37	44	81	26	0	0
2030	14	11	10	33	9	39	52	4	15	14	9	14	50	36	0	0	0	0	0	0	0	0	0	0
2031	111	11	10	258	9	39	52	5	15	14	11	14	50	36	4	56	5	0	9	19	28	0	0	0
2032	29	11	10	67	9	39	52	7	15	14	16	14	50	36	0	0	0	0	16	19	35	0	0	0
2033	1	11	10	2	9	39	52	1	15	14	2	14	50	36	0	0	0	3	18	79	100	0	0	0
2034	5	11	10	12	9	39	52	0	15	14	0	14	50	36	0	0	0	0	34	92	126	0	0	0
2035	35	11	10	81	9	39	52	1	15	14	2	14	50	36	0	0	0	0	6	20	26	0	0	0
2036	5	11	10	12	9	39	52	1	15	14	2	14	50	36	0	0	0	0	6	4	10	0	0	0
2037	60	11	10	139	9	39	52	24	15	14	54	14	50	36	0	0	0	0	3	27	30	0	0	0
2038	119	8	8	253	9	33	58	14	0	0	29	10	50	41	4	56	5	36	6	27	69	0	0	0
2039	3	8	8	6	9	33	58	0	0	0	0	10	50	41	0	0	0	0	21	155	176	0	0	0
2040	60	8	8	127	9	33	58	3	0	0	6	10	50	41	26	56	32	3	0	40	43	0	0	0
2041	45	8	8	96	9	33	58	1	0	0	2	10	50	41	0	0	0	4	11	56	71	0	0	0
2042	19	8	8	40	9	33	58	0	0	0	0	10	50	41	4	56	5	0	141	154	295	10	0	0
2043	18	8	8	38	9	33	58	11	0	0	23	10	50	41	0	0	0	0	0	0	0	0	0	0
2044	82	8	8	174	9	33	58	9	0	0	19	10	50	41	0	0	0	52	6	123	181	0	0	0
2045	67	8	8	142	9	33	58	0	0	0	0	10	50	41	2	56	2	0	0	12	12	0	0	0
2046	3	8	8	6	9	33	58	0	0	0	0	10	50	41	0	0	0	2	43	138	183	0	0	0

2047	25	0	0	64	3	36	62	21	13	13	48	2	40	58	0	0	0	0	5	0	5	0	0	0
2048	78	0	0	200	3	36	62	15	13	13	34	2	40	58	0	0	0	6	15	0	21	0	0	0
2049	49	0	0	125	3	36	62	34	13	13	78	2	40	58	0	0	0	2	1	1	4	0	0	0
2050	96	0	0	246	3	36	62	49	13	13	112	2	40	58	0	0	0	2	3	13	18	0	0	0
2051	49	0	0	125	3	36	62	52	13	13	119	2	40	58	0	0	0	0	1	3	4	0	0	0
2052	35	0	0	90	3	36	62	26	13	13	59	2	40	58	0	0	0	0	0	5	5	0	0	0
2053	47	0	0	120	3	36	62	77	13	13	176	2	40	58	0	0	0	0	0	0	0	0	0	0
2054	24	0	0	61	3	36	62	12	13	13	27	2	40	58	0	0	0	0	0	37	37	0	0	0
2055	42	0	0	108	3	36	62	52	13	13	119	2	40	58	0	0	0	31	26	155	212	0	0	0
2056	40	0	0	102	3	36	62	28	13	13	64	2	40	58	0	0	0	4	2	88	94	525	0	0
2057	120	4	3	315	14	44	42	43	24	21	82	23	42	34	0	0	0	0	12	6	18	0	0	0
2058	4	4	3	11	14	44	42	1	24	21	2	23	42	34	0	0	0	0	0	272	272	0	0	0
2059	94	4	3	247	14	44	42	86	24	21	163	23	42	34	0	0	0	0	3	50	53	0	0	0
2060	22	4	3	58	14	44	42	46	24	21	87	23	42	34	0	0	0	33	85	33	151	0	0	0
2061	32	4	3	84	14	44	42	22	24	21	42	23	42	34	0	0	0	3	3	36	42	297	0	0
2062	12	4	3	32	14	44	42	9	24	21	17	23	42	34	0	0	0	0	2	0	2	0	0	0
2063	30	4	3	79	14	44	42	59	24	21	112	23	42	34	0	0	0	0	9	2	11	0	0	0
2064	29	18	15	71	14	26	61	28	7	6	75	13	24	63	0	0	0	0	5	7	12	0	0	0
2065	33	18	15	81	14	26	61	15	7	6	40	13	24	63	0	0	0	0	15	8	23	0	0	0
2066	44	18	15	108	14	26	61	35	7	6	94	13	24	63	37	56	46	1	146	0	147	0	0	0
2067	37	18	15	90	14	26	61	6	7	6	16	13	24	63	0	0	0	20	0	0	20	0	0	0
2068	42	18	15	103	14	26	61	15	7	6	40	13	24	63	0	0	0	17	3	7	27	0	0	0
2069	13	10	7	27	8	25	67	62	10	6	146	8	25	67	52	56	64	4	0	9	13	0	0	0
2070	64	10	7	132	8	25	67	67	10	6	158	8	25	67	0	0	0	0	10	0	10	0	0	0
2071	39	10	7	81	8	25	67	28	10	6	66	8	25	67	0	0	0	1	3	0	4	0	0	0
2072	7	10	7	14	8	25	67	0	10	6	0	8	25	67	0	0	0	0	0	0	0	0	0	0
2073	36	10	7	74	8	25	67	22	10	6	52	8	25	67	0	0	0	4	2	3	9	0	0	0
2074	16	10	7	33	8	25	67	19	10	6	45	8	25	67	0	0	0	2	0	0	2	0	0	0
2075	41	10	7	85	8	25	67	25	10	6	59	8	25	67	0	0	0	0	0	5	5	0	0	0
2076	26	10	7	54	8	25	67	9	10	6	21	8	25	67	0	0	0	0	0	0	0	0	0	0
2077	14	10	7	29	8	25	67	9	10	6	21	8	25	67	0	0	0	0	0	3	3	0	0	0
2078	32	10	7	66	8	25	67	71	10	6	168	8	25	67	0	0	0	0	0	1	1	0	0	0
2079	44	10	7	91	8	25	67	51	10	6	120	8	25	67	0	0	0	1	2	3	6	0	0	0
2080	33	10	7	68	8	25	67	22	10	6	52	8	25	67	0	0	0	0	5	22	27	0	0	0
2081	15	10	7	31	8	25	67	10	10	6	24	8	25	67	0	0	0	5	6	28	39	0	0	0
2082	21	10	7	43	8	25	67	15	10	6	35	8	25	67	0	0	0	0	0	2	2	0	0	0
2083	17	10	7	35	8	25	67	9	10	6	21	8	25	67	0	0	0	0	2	0	2	0	0	0
2084	45	10	7	93	8	25	67	47	10	6	111	8	25	67	0	0	0	4	2	3	9	0	0	0
2085	67	10	7	138	8	25	67	17	10	6	40	8	25	67	0	0	0	9	0	0	9	0	0	0
2086	70	14	10	151	15	19	66	48	0	0	125	16	20	64	0	0	0	0	5	2	7	0	0	0
2087	25	14	10	54	15	19	66	14	0	0	36	16	20	64	0	0	0	0	0	0	0	0	0	0

2088	131	14	10	283	15	19	66	46	0	0	120	16	20	64	0	0	0	1	6	5	12	0	0	0
2089	18	14	10	39	15	19	66	7	0	0	18	16	20	64	0	0	0	0	0	23	23	0	0	0
2090	24	14	10	52	15	19	66	23	0	0	60	16	20	64	0	0	0	0	0	0	0	0	0	0
2091	32	14	10	69	15	19	66	13	0	0	34	16	20	64	0	0	0	0	2	3	5	0	0	0
2092	28	14	10	61	15	19	66	27	0	0	70	16	20	64	0	0	0	6	0	0	6	0	0	0
2093	26	14	10	56	15	19	66	27	0	0	70	16	20	64	0	0	0	0	6	0	6	0	0	0
2094	67	14	10	145	15	19	66	37	0	0	96	16	20	64	0	0	0	25	3	3	31	0	0	0
2095	0	14	10	0	15	19	66	0	0	0	0	16	20	64	0	0	0	0	0	0	0	0	0	0

Appendix B: SPECGEN_A_07a & SPECGEN_P_07a

ZONE	PA	OPERAND	TRIPS_DIFF	PCT_HBW	PCT_HBSH	PCT_HBSR	PCT_HBO	PCT_NHB
240	P	+	5,000	0	0	0	80	20
128	P	+	4,000	0	0	0	100	0
248	P	+	3,800	0	0	0	80	20
246	P	+	3,500	0	0	0	80	20
376	P	+	3,500	0	0	10	90	0
226	P	+	3,000	0	0	10	40	50
243	P	+	3,000	0	0	0	80	20
247	P	+	1,000	0	0	20	60	20
244	P	+	1,000	0	0	20	60	20
754	A	+	13,500	0	0	0	100	0
127	A	+	12,000	0	0	0	40	60
245	A	+	16,000	0	0	0	40	60
250	A	+	12,000	0	0	0	40	60
375	A	+	25,000	0	0	0	40	60
201	A	+	12,000	0	0	0	40	60

Appendix C: INTEXT_07a

ZONE	IE_PROD
2201	3943
2202	4014
2203	1458
2204	1940
2205	573
2206	17629
2207	6682
2208	2392
2209	1165
2210	677
2211	677
2212	1526
2213	1250
2214	3021
2215	8089
2216	1175
2217	9466
2218	368
2219	1443
2230	2644
2231	2090
2232	2877
2234	402
2235	195
2236	1443
2237	19139
2238	3549
2239	567
2240	2354

Appendix D: EETRIPS_07a

ORZ	DSZ	AUTO_TRIPS
2201	2216	2
2201	2217	5
2201	2237	282
2201	2238	9
2202	2206	176
2202	2212	66
2202	2237	199
2204	2206	30
2204	2216	2
2206	2202	176
2206	2204	30
2206	2212	16
2206	2217	27
2206	2237	2657
2207	2208	2
2207	2209	303
2208	2207	2
2209	2207	303
2212	2202	66
2212	2206	16
2215	2231	11
2215	2237	33
2215	2238	11
2216	2201	2
2216	2204	2
2216	2237	59
2217	2201	5
2217	2206	27
2217	2237	185
2230	2231	8
2231	2215	11
2231	2230	8
2232	2236	78
2232	2237	31

2234	2235	392
2235	2234	392
2236	2232	155
2237	2201	282
2237	2202	199
2237	2206	2657
2237	2215	33
2237	2216	59
2237	2217	185
2237	2232	62
2238	2201	9
2238	2215	11