

TECHNICAL REPORT 1

DATA DEVELOPMENT

A detailed map of the Jacksonville Urban Area, showing a dense network of streets and highways. The map is overlaid with a grid of rectangular zones. The text is centered over the map.

**JACKSONVILLE URBAN AREA  
TRANSPORTATION STUDY  
YEAR 2010 PLAN UPDATE**

**AUGUST, 1989**

Technical Report No. 1

METHODOLOGY FOR UPDATE OF SOCIO-ECONOMIC VARIABLES

**PRELIMINARY DRAFT**

SUBJECT TO REVISION, CORRECTION AND CHANGE

Jacksonville Urbanized Area Transportation Study

Year 2010 Update

November, 1989

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## PREFACE

This Technical Report is one of a series of Technical Memoranda and Technical Reports prepared as part of the Jacksonville Urbanized Area Transportation Study (JUATS) Year 2010 Update. When completed, the series of reports will include the following:

### Technical Reports:

- Technical Report 1: Data Development
- Technical Report 2: Model Validation
- Technical Report 3: 2010 Needs Plan Alternate Analysis
- Technical Report 4: 2010 Cost Feasibility Plan Development and Adoption
- Technical Report 5: Interim Year Transportation Plans Staging

### Technical Memoranda:

- Technical/Memorandum 1: Financial Resources
- Technical/Memorandum 2: Public Involvement Program
- Technical/Memorandum 3: Study Goals & Objectives

This transportation plan update is being carried out by the Florida Department of Transportation (FDOT). The study design

calls for the participation in various aspects of the study by FDOT, by the City of Jacksonville Planning Department as the Metropolitan Planning Organization (MPO), and by the Maguire Group Inc., a transportation planning consulting firm under contract to the Florida DOT.

The JUATS study area is comprised of all of Duval County and the northern portions of Clay and St. Johns Counties. The study area boundary is shown in Figure 1, which is located in the pocket attached to the inside back cover of this Technical Report.

The 1977 model validation for the last JUATS update was completed in December, 1978, and the Year 2005 Transportation Plan was completed in February, 1981.

## I. INTRODUCTION

In order for any transportation study to be carried out, one of the first tasks is the development of socio-economic data disaggregated to the traffic analysis zone level. Data for a transportation study update in the Jacksonville Urbanized Area was last assembled for the year 2005 update completed in February 1981.

For this current update effort, it was negotiated early in the process that data for Duval County would be updated by the MPO, and data for the Clay and St. Johns County JUATS zones would be updated by the consultant based on information available from the MPO or the counties themselves.

There are two basic categories of socio-economic data needed for this JUATS study: data relating to trip productions, and data relating to trip attractions. The former is compiled in a data file referred to as ZDATA1, while the latter is compiled in a data file referred to as ZDATA2. The variables contained in each of those data files are listed in Table 1.

A variety of data sources were used to develop these socio-economic variables. The most prevalent sources were as follows:

- o data from the transportation planning element of the Clay County comprehensive planning studies;

- o data from the St. Johns County planning department; and
- o data from the UTPP-based data set compiled and updated from 1980 to 1985 by the MPO planning staff.

While the first two sources are self-explanatory, the latter requires some explanation.

The Urban Transportation Planning Package (UTPP) is a set of data compiled by the U.S. Bureau of the Census as part of their ten year census. Early in the data development effort, the MPO staff took the 1980 UTPP data and updated it to 1985, the base year for this JUATS Year 2010 Update. A summary of the MPO's methodology for doing this is contained in Appendix A, and the UTPP-based data itself is shown in Appendix B.

The resulting 1985 data was not used directly in the JUATS study, as newer and more reliable data was available from several other sources for the establishment of control totals for dwelling units, population, and employment. However, the UTPP data was very useful in apportioning the data from the larger Clay County zones to the smaller JUATS zones and in supplying variables (such as percent vacant and non-permanent)

for which there was no other easily available information source.

The following sections detail the update of all necessary variables for this Year 2010 Update. The following three sections of this Technical Report are devoted to the socio-economic data update methodology for Duval County, Clay County, and St. Johns County respectively.

## II. DUVAL COUNTY

### A. Background

The major constraint to producing desired TAZ housing and population variables for the JUATS model lay in the incompatible geographies that exist between Duval County TAZ's and U.S. Census of Population & Housing Block groups. In approximately 80-85 percent of all these relationships observed in Duval County, TAZ boundaries split one or more of each census tract's block groups.

The Z-data for 1985 was built up from 1980 census data. Census tract data was disaggregated by block group to traffic analysis zones (TAZ's). Where TAZ lines did not fall on a census tract boundary and split a block group, analysis was by block assignment, and the block data was assigned to the appropriate TAZ. In those instances in which a block was split by TAZ lines, aerial photography was used to determine a reasonable split of the data into the separate TAZ's. If aerial photography was not available, distribution of block data to the different TAZ's was made proportional to the percentage of the block located in each TAZ.

The situation in Duval County was one of adapting data that had previously been prepared for 1980 in the last JUATS update and also of adapting data that had been prepared for ongoing comprehensive planning efforts in City of Jacksonville. This data is contained in the various district plans (i.e., Southeast District Plan) which are incorporated by reference into this report. While the data in these plans is not in the exact format and does not have all the exact variables needed for the JUATS data, it does provide much needed control totals at the enumeration district level so that the JUATS data can be more easily and accurately derived.

#### 1. Population and Housing

Using the 1980 Census data, the 1985 estimate was derived by adding or subtracting residential permit activity by TAZ to the 1980 base. The 1980 database was built up to 1985 in a two-step procedure. First, the 1980 dwelling unit information was compared to the vacancy rate. Then information from historical records of building permits, by type, for buildout through 1985 was collected. These were balanced by recorded absorption rates to determine the 1985 database.

Each of approximately 50,000 residential building permits were assigned to a TAZ, census tract, and planning district using the Computer Street Index.

To derive 1985 housing estimates by TAZ, the number of dwelling units by type and by TAZ was retrieved from the data. These figures were then added to the 1980 data base to derive total number of units for each TAZ. Backout of incomplete unit construction was taken into account at this point, and demolitions were subtracted out also.

The 1985 population estimate was then developed through a model similarly used in the Southeast District Plan. The following considerations were taken into account through this complex process:

- o The population bench marks established in the 1985-1986 statistical package;
- o 1980 vacancy rates;
- o 1985 estimated vacancy rates in statistical package;

- o 1980 household size prorated according to census trends and individual TAZ development trends;
- o Massaging of data to match statistical package estimates.

Both a "statistically true" and a "statistically massaged" 1985 population estimate were produced through this computer analysis. This outcome of this analysis yielded all necessary base year population and housing variables needed for the JUATS 2010 update including: single family and multifamily dwelling units, percent vacant, percent vacant and unoccupied single family and multifamily population.

## 2. Auto Ownership

Estimates of 1985 vehicle ownership for single and multi-family dwelling units by census tract were retrieved from 1985 Census information for Duval County. This information was by Census tract for dwelling units by 0, 1, 2, and 3+ auto categories. The Census information for percentage (%) of auto ownership by multi-family dwelling units was not

available. To generate the % auto ownership for multifamily dwelling units, it was assumed that the percentages for single family dwelling units would be used for multi-family. The Census format is not acceptable for the Florida Standard Urban Transportation Model Structure (FSUTMS). FSUTMS requires that auto ownership be aggregated by percent households having 0, 1, and 2+ vehicles in single and multi-family dwelling units occupied by permanent residents. (Automobiles, vans, or trucks not exceeding one ton capacity whether leased or owned; company vehicle and private vehicle). Therefore, the 2 and 3+ categories from Census information were combined into the 2+ category for inclusion into ZDATA1.

### 3. Hotel-Motel Data

To develop the hotel-motel data needed for the JUATS year 2010 update, a listing of all Duval County hotels was obtained from the State of Florida Office of Licensure and Certification. All hotels were then assigned to a census tract and a TAZ utilizing the address coding guide.

Occupancy trends over time were established using Outlook (Laventhol and Horwath) and Trends in the

Hotel Industry, 1986 Florida Edition, (Pannell, Kerr and Forster).

C. ZDATA2: Base Year

1. Employment

Aggregate totals for all variables required for Duval County were obtained and compared to known TAZ level employment data contained in existing district plans (Southeast, Greater Arlington, North). Known relationships were developed from this comparison. These relationships which seemed reasonable were developed into JUATS zonal data. The remaining values were subsequently distributed throughout the districts where no data, base or otherwise, were available (Northwest, Southwest, Urban Core.)

2. School Enrollment

Using the procedure established in the Southeast District Plan's Statistical Package, a zone-by-zone public and private school enrollment analysis was conducted. From various public and private sources, 1984-1985 end-of-the-school-year enrollment statistics were obtained to build a base

year data base. Enrollment was assigned to the traffic analysis zones in which individual schools were located.

#### D. Data Projections

The following procedure describes the steps necessary to produce the 1990 and 1995 housing and population projections.

The 1985 through 1987 residential building permits data base were analyzed and absorption rates of housing units determined within past platted subdivisions. Final anticipated buildout dates were thus determined and the units assigned to 1990 or 1995 projection years using past trend knowledge of development infill rates. Through discussions with district planners, other anticipated residential development areas were identified and a zone-by-zone projection was made of additional housing units anticipated to come on line by 1990 or 1995.

The 1985 housing/population computer model was expanded to develop 1990 and 1995 housing, household size, occupancy rates, and population projections.

These same procedures were followed and incorporated into the housing/population computer model to develop the 2000, 2005 and 2010 projections.

For all population years, the population control totals already developed for the Duval County Planning Districts were observed. These data are readily available from the City of Jacksonville Planning Department in the various District Plans.

Employment projections were made based on long and short range known plans for new and existing employment centers. In zones known to be hosts of new employment locations, ratio/share data generated from the base data was redistributed. Employment projection control totals for Duval County were taken from the Annual Statistical Package showing employment by place of residence. These data were then compared to 1980 Census Journey-to-Work data for Duval County. Growth rates for each zone were established by comparing this data with the Planning Department's 1985 employment survey.

For school enrollment projections, private institutions were contacted to ascertain future development plans and enrollment trends for 1990, 1995, 2000, and 2010.

Current public school boundary assignments were obtained and future anticipated boundary changes were ascertained.

Next, student population/total household population ratios were determined similar to the model developed in Southeast District Plan. These housing/population trends were then analyzed in relationship to land use trends to identify general TAZ locations for schools and student population sizes anticipated in the JUATS projection years (1995, 2000, 2005, and 2010). Student enrollments for all targeted years were developed based upon analysis steps presented above.

The results of all the Duval County data analysis (i.e., ZDATA1 and ZDATA2 data for the base year and all target years is contained in the document ZDATA 1, 2, & 3: DETAILED SOCIO-ECONOMIC DATA FOR DUVAL COUNTY, October, 1987. That substantial document is incorporated by reference to this Technical Report No. 1, but is not bound into is as an Appendix.

### III. CLAY COUNTY

#### A. Background

The northern portion of Clay County is included in the JUATS study area. The area is comprised of 20 of the 674 total traffic analysis zones in the entire JUATS study area. Concurrent to the JUATS Update, Clay County was developing a comprehensive plan, one element of which relates to transportation facilities. For the transportation element, Clay County developed a county-wide zone system consisting of 41 zones of which 20 are located within the JUATS study area. Since the Clay County data was developed and approved by the Clay County Planning Department, it was used as the most reliable source for the development of JUATS data for the Clay County zones.

Three main problems had to be resolved in order for the data to be converted to JUATS use, as follows:

- o Clay County zones differ from JUATS zones in that they are generally larger, though zone boundaries are largely contiguous with JUATS zones or groups

of zones. The relationship of Clay County zones to the JUATS zones in Clay County is shown in Table 2 and Figure 2;

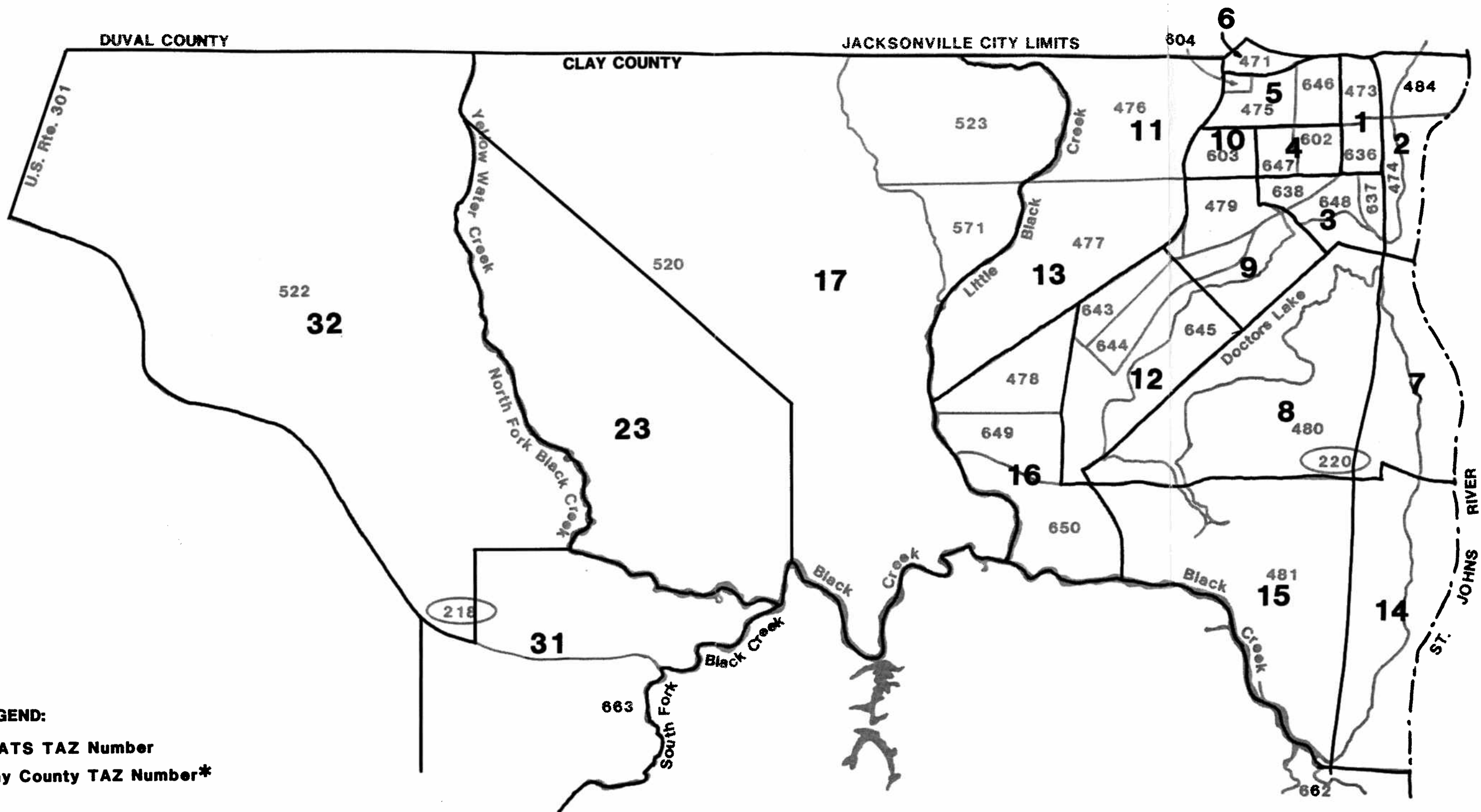
- o The Clay County study developed data for 1985 and 2000, while the JUATS Update requires data for 1985, 1995, 2000, 2005 and 2010;
- o Clay County data used somewhat different variables than the JUATS data requires. Table 3 illustrates the discrepancy between variables needed and variables available from the Clay County studies. This will be explored in more detail in sections B and C below.

#### B. ZDATA1: BASE YEAR

The following subsections describe the development of each individual variable needed for the 1985 ZDATA1 file for Clay County.

##### 1. Dwelling Units

For 1985 dwelling unit data, the data developed by Clay County was used as a control total for each



**LEGEND:**  
 000 - JUATS TAZ Number  
 00 - Clay County TAZ Number\*

\*The Clay County zone numbers are from transportation planning studies undertaken as part of Clay County's comprehensive planning effort.

**Figure 2**  
**CLAY COUNTY ZONE EQUIVALENCY**

Clay County zone. For those JUATS zones which were equal in size to or larger than the Clay zones, the dwelling unit totals were used directly for the JUATS zones also. (For example, Clay zone 6 is the same as JUATS zone 471. In this situation, the information was related directly to the JUATS zone. Similarly, Clay zones 7 and 8 relate directly to JUATS zone 480. Thus, data for Clay zones 7 and 8 were added to yield dwelling units in JUATS zone 480).

For JUATS zones that were smaller than Clay zones, the dwelling units were allocated in the same proportions that they had been allocated in the UTPP data developed by the MPO. (For example, Clay zone 1 is comprised of JUATS zones 473 and 636. Thus, data for Clay zone 1 had to be allocated to those two zones in the same proportion that dwelling units were allocated in the UTPP data.) A summary of the percentages of allocation of 1985 dwelling unit data from Clay zones to JUATS zones is shown in Table 4.

Once total dwelling units had been derived for the JUATS zones, the breakdown of single-family and multi-family units were also estimated based on the percentages contained in the UTPP data.

## 2. Population

Base year population was derived in much the same way as base year dwelling units. The data developed by Clay County were used as control totals in each Clay County zone. These control totals were then allocated to any smaller JUATS zones in the same proportion as the dwelling unit allocation appearing in Table 4. Population was similarly allocated to single-family or multi-family categories.

## 3. Percent Vacant & Non-Permanent

Percent of dwelling units (both single-family and multifamily) that are either "vacant" or "vacant & non-permanent" was taken from the UTPP data update developed by the MPO.

#### 4. Auto Ownership

The percent of dwelling units of each of three auto ownership categories (0 auto, 1 auto, and 2+ auto dwelling units) was also taken from the UTPP data.

#### 5. Hotel-Motel Information

Hotel-motel information for Clay County was collected by the MPO by contacting hotels within the Clay County portion of the study area and requesting information from them relating to occupancy, etc.

Only zone 473 had hotels in the base year. The information provided by the hotels resulted in the following information.

- o Total units: 534
- o % occupied: 89%
- o total occupants: 760

C. ZDATA2: Base Year

1. Employment

Employment control totals for 1985 for each Clay County zone were taken from the transportation planning element of the Clay County comprehensive planning studies. Since the JUATS study requires employment to be categorized as industrial, commercial, and service, and the Clay data included only retail and non-retail categories, the Clay data had to be allocated to the needed categories. The methodology for making this allocation is described following.

For commercial employment, the retail control totals were used directly from the Clay County study and were allocated to JUATS zones. Those JUATS zones which were equal to or larger than Clay zones were assigned the same totals as the Clay zones, while JUATS zones which were smaller than the Clay zones were allocated commercial employment according to the distribution of retail employment between JUATS zones contained in the UTPP-based data file. The formulas for allocation are shown in Table 5.

Once commercial/retail employment had been allocated, the remaining employment (non-retail employment on the Clay data) represented service plus industrial employment. The distribution of service vs. industrial employment for each JUATS zone from the UTPP-based data was applied to the Clay County non-retail data to yield service employment for each zone. The remainder of total employment was recorded as industrial employment. The percentage of service employment of total service plus industrial employment is also shown in Table 5.

## 2. School Enrollment

School enrollment for each of the Clay County zones was developed by Clay County as their comprehensive planning effort. Clay County also supplied a map showing the location of existing and future schools. A JUATS zone map was overlaid and the school enrollment assigned to those JUATS zones.

#### D. Data Projections

The transportation planning element of the Clay County comprehensive planning effort also provided projections of variables to the year 2000. For compilation of the year 2000 JUATS data, the Clay County data was allocated from Clay zones to the JUATS zones consistent with the methodology already described for the base year.

JUATS data for the other interim year (1995) was developed by interpolation, while data for the forecast years beyond 2000 (2005 and 2010) was developed by extrapolation.

#### IV. ST. JOHNS COUNTY

The St. Johns County portion of the JUATS study area consists of only seven (7) JUATS zones. For development of both existing and projected socio-economic data for the seven zones in St. Johns County the consultant contacted the St. Johns County Planning Department and was subsequently provided with all ZDATA1 variables for all years. As St. Johns County was unable to provide ZDATA2 variables, and since no other source of data was readily available, the UTPP-based data was used for the seven JUATS zones in St. Johns County.

APPENDIX A

ZDATA1 AND ZDATA2 FOR CLAY AND ST. JOHNS COUNTIES

UATS 2010 UPDATE--ZDATA1--

UATSZone	1985	1985	1985	1985	1985	1985	1985
	SFDU's #	%Vac&Mp %	%Vacant %	SFPop #	0-auto %	1-auto %	2+-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	213	7.00%	7.00%	540	1.99%	55.04%	43.10%
474	273	7.00%	7.00%	766	2.11%	35.12%	62.97%
475	957	7.00%	7.00%	2692	2.00%	30.97%	66.98%
476	924	2.00%	2.00%	3138	1.01%	25.98%	73.01%
477	1468	8.00%	8.00%	4194	3.02%	27.99%	68.99%
478	885	8.00%	8.00%	2821	2.00%	30.02%	67.97%
479	794	3.00%	3.00%	2364	1.02%	18.97%	79.96%
480	422	7.00%	7.00%	1505	0.00%	23.01%	77.06%
481	682	7.00%	7.00%	2029	1.01%	25.96%	72.00%
484	31	7.00%	7.00%	86	0.00%	45.61%	53.90%
520	370	6.00%	6.00%	1035	9.03%	18.07%	73.02%
522	1012	8.00%	8.00%	2827	9.00%	18.01%	73.00%
523	637	6.00%	6.00%	1781	18.00%	34.97%	47.03%
571	46	6.00%	6.00%	13	3.59%	27.51%	59.81%
602	241	5.00%	5.00%	830	3.02%	31.08%	66.92%
603	822	7.00%	7.00%	2446	2.97%	31.04%	67.02%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	301	7.00%	7.00%	764	2.11%	34.96%	63.11%
637	362	7.00%	7.00%	1156	2.02%	35.04%	62.94%
638	425	5.00%	5.00%	1358	1.06%	19.00%	79.97%
643	801	3.00%	3.00%	2386	1.01%	19.03%	80.01%
644	950	3.00%	3.00%	2829	0.99%	19.01%	79.97%
645	628	3.00%	3.00%	1870	1.00%	19.00%	80.00%
646	472	7.00%	7.00%	1326	1.96%	31.02%	66.95%
647	241	5.00%	5.00%	830	1.94%	31.08%	66.92%
648	232	7.00%	7.00%	741	1.93%	35.07%	62.88%
649	537	8.00%	8.00%	1655	1.98%	29.99%	68.01%
650	158	8.00%	8.00%	498	1.87%	29.88%	67.99%
TOTAL	14886			44598			

UATS 2010 UPDATE--ZDATA1--

UATSZone	1995	1995	1995	1995	1995	1995	1995
	SFDU's #	ZVac&Mp %	ZVacant %	SFPop #	0-auto %	1-auto %	2+-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	252	7.00%	7.00%	904	1.99%	55.04%	43.10%
474	347	7.00%	7.00%	3,424	2.11%	35.12%	62.97%
475	1738	7.00%	7.00%	5,698	2.00%	30.97%	66.98%
476	1680	2.00%	2.00%	7,622	1.01%	25.98%	73.01%
477	2033	8.00%	8.00%	3,908	3.02%	27.99%	68.99%
478	1366	8.00%	8.00%	3,649	2.00%	30.02%	67.97%
479	1263	3.00%	3.00%	2,393	1.02%	18.97%	79.96%
480	882	7.00%	7.00%	4,249	0.00%	23.01%	77.06%
481	2741	7.00%	7.00%	348	1.01%	25.96%	72.00%
484	39	7.00%	7.00%	1,308	0.00%	45.61%	53.90%
520	585	6.00%	6.00%	4,464	9.03%	18.07%	73.02%
522	1461	8.00%	8.00%	2,570	9.00%	18.01%	73.00%
523	1896	6.00%	6.00%	386	18.00%	34.97%	47.03%
571	137	6.00%	6.00%	2,472	3.59%	27.51%	59.81%
602	358	5.00%	5.00%	3,636	3.02%	31.08%	66.92%
603	962	7.00%	7.00%	0	2.97%	31.04%	67.02%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	356	7.00%	7.00%	1,365	2.11%	34.96%	63.11%
637	507	7.00%	7.00%	1,903	2.02%	35.04%	62.94%
638	596	5.00%	5.00%	3,341	1.06%	19.00%	79.97%
643	1207	3.00%	3.00%	4,262	1.01%	19.03%	80.01%
644	1451	3.00%	3.00%	2,855	0.99%	19.01%	79.97%
645	956	3.00%	3.00%	2,018	1.00%	19.00%	80.00%
646	857	7.00%	7.00%	1,508	1.96%	31.02%	66.95%
647	358	5.00%	5.00%	1,102	1.94%	31.08%	66.92%
648	325	7.00%	7.00%	2,320	1.93%	35.07%	62.88%
649	830	8.00%	8.00%	769	1.98%	29.99%	68.01%
650	244	8.00%	8.00%	0	1.87%	29.88%	67.99%
TOTAL	25427			68473			

JUATS 2010 UPDATE--ZDATA1--

JUATSZone	2000 SFDU's #	2000 %Vac&Mp %	2000 %Vacant %	2000 SFPop #	2000 0-auto %	2000 1-auto %	2000 2+-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	271	7.00%	7.00%	687	1.99%	55.04%	43.10%
474	384	7.00%	7.00%	1078	2.11%	35.12%	62.97%
475	2129	7.00%	7.00%	5986	2.00%	30.97%	66.98%
476	2058	2.00%	2.00%	6986	1.01%	25.98%	73.01%
477	2316	8.00%	8.00%	6618	3.02%	27.99%	68.99%
478	1607	8.00%	8.00%	5123	2.00%	30.02%	67.97%
479	1497	3.00%	3.00%	4457	1.02%	18.97%	79.96%
480	1113	7.00%	7.00%	3974	0.00%	23.01%	77.06%
481	3771	7.00%	7.00%	11221	1.01%	25.96%	72.00%
484	43	7.00%	7.00%	121	0.00%	45.61%	53.90%
520	692	6.00%	6.00%	1933	9.03%	18.07%	73.02%
522	1685	8.00%	8.00%	4708	9.00%	18.01%	73.00%
523	2525	6.00%	6.00%	7053	18.00%	34.97%	47.03%
571	182	6.00%	6.00%	514	3.59%	27.51%	59.81%
602	417	5.00%	5.00%	1436	3.02%	31.08%	66.92%
603	1032	7.00%	7.00%	3072	2.97%	31.04%	67.02%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	383	7.00%	7.00%	971	2.11%	34.96%	63.11%
637	580	7.00%	7.00%	1852	2.02%	35.04%	62.94%
638	681	5.00%	5.00%	2174	1.06%	19.00%	79.97%
643	1410	3.00%	3.00%	4198	1.01%	19.03%	80.01%
644	1701	3.00%	3.00%	5064	0.99%	19.01%	79.97%
645	1120	3.00%	3.00%	3334	1.00%	19.00%	80.00%
646	1049	7.00%	7.00%	2950	1.96%	31.02%	66.95%
647	417	5.00%	5.00%	1436	1.94%	31.08%	66.92%
648	372	7.00%	7.00%	1188	1.93%	35.07%	62.88%
649	976	8.00%	8.00%	3006	1.98%	29.99%	68.01%
650	287	8.00%	8.00%	905	1.87%	29.88%	67.99%
TOTAL	30698			92042			

UATS 2010 UPDATE--ZDATA1--

UATSZone	2005 SFDU's #	2005 %Vac&Np %	2005 %Vacant %	2005 SFPop #	2005 0-auto %	2005 1-auto %	2005 2+-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	290	7.00%	7.00%	735	1.99%	55.04%	43.10%
474	421	7.00%	7.00%	1,182	2.11%	35.12%	62.97%
475	2520	7.00%	7.00%	7,084	2.00%	30.97%	66.98%
476	2436	2.00%	2.00%	8,268	1.01%	25.98%	73.01%
477	2599	8.00%	8.00%	7,425	3.02%	27.99%	68.99%
478	1848	8.00%	8.00%	5,890	2.00%	30.02%	67.97%
479	1731	3.00%	3.00%	5,155	1.02%	18.97%	79.96%
480	1344	7.00%	7.00%	4,796	0.00%	23.01%	77.06%
481	4801	7.00%	7.00%	14,284	1.01%	25.96%	72.00%
484	47	7.00%	7.00%	132	0.00%	45.61%	53.90%
520	799	6.00%	6.00%	2,233	9.03%	18.07%	73.02%
522	1909	8.00%	8.00%	5,335	9.00%	18.01%	73.00%
523	3154	6.00%	6.00%	8,811	18.00%	34.97%	47.03%
571	227	6.00%	6.00%	642	3.59%	27.51%	59.81%
602	476	5.00%	5.00%	1,638	3.02%	31.08%	66.92%
603	1102	7.00%	7.00%	3,281	2.97%	31.04%	67.02%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	410	7.00%	7.00%	1,039	2.11%	34.96%	63.11%
637	653	7.00%	7.00%	2,083	2.02%	35.04%	62.94%
638	766	5.00%	5.00%	2,446	1.06%	19.00%	79.97%
643	1613	3.00%	3.00%	4,802	1.01%	19.03%	80.01%
644	1951	3.00%	3.00%	5,809	0.99%	19.01%	79.97%
645	1284	3.00%	3.00%	3,823	1.00%	19.00%	80.00%
646	1241	7.00%	7.00%	3,491	1.96%	31.02%	66.95%
647	476	5.00%	5.00%	1,638	1.94%	31.08%	66.92%
648	419	7.00%	7.00%	1,336	1.93%	35.07%	62.88%
649	1122	8.00%	8.00%	3,457	1.98%	29.99%	68.01%
650	330	8.00%	8.00%	1,040	1.87%	29.88%	67.99%
TOTAL	35969			107857			

UATSZone	1985	1985	1985	1985	1985	1985	1985
	MFDU's #	%Vac&Np %	%Vacant %	MFPop. #	0-auto %	1-auto %	2-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	453	7.00%	7.00%	1,149	2.00%	55.00%	43.00%
474	81	7.00%	7.00%	229	2.00%	35.00%	63.00%
475	722	7.00%	7.00%	2,031	2.00%	31.00%	67.00%
476	70	2.00%	2.00%	236	1.00%	26.00%	73.00%
477	1,153	8.00%	8.00%	3,295	3.00%	28.00%	69.00%
478	121	8.00%	8.00%	349	2.00%	30.00%	68.00%
479	251	3.00%	3.00%	746	1.00%	19.00%	80.00%
480	141	7.00%	7.00%	167	0.00%	23.00%	77.00%
481	93	7.00%	7.00%	277	1.00%	26.00%	72.00%
484	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
520	556	6.00%	6.00%	1,552	9.00%	18.00%	73.00%
522	934	8.00%	8.00%	2,610	9.00%	18.00%	73.00%
523	55	6.00%	6.00%	155	18.00%	35.00%	47.00%
571	6	15.00%	15.00%	16	3.00%	28.00%	60.00%
602	46	5.00%	5.00%	158	3.00%	31.00%	67.00%
603	218	7.00%	7.00%	650	3.00%	31.00%	67.00%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	90	7.00%	7.00%	228	2.00%	35.00%	63.00%
637	108	7.00%	7.00%	345	2.00%	35.00%	63.00%
638	9	5.00%	5.00%	28	1.00%	19.00%	80.00%
643	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
644	253	3.00%	3.00%	752	1.00%	19.00%	80.00%
645	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
646	356	7.00%	7.00%	1,000	2.00%	31.00%	67.00%
647	46	5.00%	5.00%	158	2.00%	31.00%	67.00%
648	69	7.00%	7.00%	221	2.00%	35.00%	63.00%
649	73	8.00%	8.00%	269	2.00%	30.00%	68.00%
650	22	8.00%	8.00%	68	2.00%	30.00%	68.00%
TOTAL	5926			16690			

IATSZone	1995	1995	1995	1995	1995	1995	1995
	MFDU's #	%Vac&Np %	%Vacant %	MFPop. #	0-auto %	1-auto %	2-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	535	7.00%	7.00%	1,356	2.00%	55.00%	43.00%
474	104	7.00%	7.00%	291	2.00%	35.00%	63.00%
475	1,311	7.00%	7.00%	3,688	2.00%	31.00%	67.00%
476	126	2.00%	2.00%	429	1.00%	26.00%	73.00%
477	1,598	8.00%	8.00%	4,565	3.00%	28.00%	69.00%
478	186	8.00%	8.00%	538	2.00%	30.00%	68.00%
479	399	3.00%	3.00%	1,187	1.00%	19.00%	80.00%
480	294	7.00%	7.00%	350	0.00%	23.00%	77.00%
481	374	7.00%	7.00%	1,112	1.00%	26.00%	72.00%
484	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
520	877	6.00%	6.00%	2,451	9.00%	18.00%	73.00%
522	1,348	8.00%	8.00%	3,767	9.00%	18.00%	73.00%
523	165	6.00%	6.00%	460	18.00%	35.00%	47.00%
571	19	15.00%	15.00%	48	3.00%	28.00%	60.00%
602	68	5.00%	5.00%	235	3.00%	31.00%	67.00%
603	256	7.00%	7.00%	761	3.00%	31.00%	67.00%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	106	7.00%	7.00%	269	2.00%	35.00%	63.00%
637	152	7.00%	7.00%	484	2.00%	35.00%	63.00%
638	12	5.00%	5.00%	39	1.00%	19.00%	80.00%
643	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
644	386	3.00%	3.00%	1,148	1.00%	19.00%	80.00%
645	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
646	646	7.00%	7.00%	1,817	2.00%	31.00%	67.00%
647	68	5.00%	5.00%	235	2.00%	31.00%	67.00%
648	97	7.00%	7.00%	310	2.00%	35.00%	63.00%
649	113	8.00%	8.00%	416	2.00%	30.00%	68.00%
650	33	8.00%	8.00%	105	2.00%	30.00%	68.00%
TOTAL	9274			26061			

JATSZone	2000		2000		2000		2000	
	MFDU's #	% %	Vacant %	MFPop. #	0-auto %	1-auto %	2-auto %	
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%	
473	576	7.00%	7.00%	1459	2.00%	55.00%	43.00%	
474	115	7.00%	7.00%	322	2.00%	35.00%	63.00%	
475	1606	7.00%	7.00%	4516	2.00%	31.00%	67.00%	
476	155	2.00%	2.00%	526	1.00%	26.00%	73.00%	
477	1820	8.00%	8.00%	5199	3.0%	28.00%	69.00%	
478	219	8.00%	8.00%	633	2.00%	30.00%	68.00%	
479	473	3.00%	3.00%	1407	1.00%	19.00%	80.00%	
480	371	7.00%	7.00%	442	0.00%	23.00%	77.00%	
481	514	7.00%	7.00%	1530	1.00%	26.00%	72.00%	
484	0	0.00%	0.00%	0	0.00%	0.00%	0.00%	
520	1038	6.00%	6.00%	2900	9.00%	18.00%	73.00%	
522	1555	8.00%	8.00%	4346	9.00%	18.00%	73.00%	
523	220	6.00%	6.00%	613	18.00%	35.00%	47.00%	
571	25	15.00%	15.00%	64	3.00%	28.00%	60.00%	
602	79	5.00%	5.00%	274	3.00%	31.00%	67.00%	
603	274	7.00%	7.00%	817	3.00%	31.00%	67.00%	
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%	
636	114	7.00%	7.00%	290	2.00%	35.00%	63.00%	
637	173	7.00%	7.00%	553	2.00%	35.00%	63.00%	
638	14	5.00%	5.00%	44	1.00%	19.00%	80.00%	
643	0	0.00%	0.00%	0	0.00%	0.00%	0.00%	
644	452	3.00%	3.00%	1346	1.00%	19.00%	80.00%	
645	0	0.00%	0.00%	0	0.00%	0.00%	0.00%	
646	791	7.00%	7.00%	2225	2.00%	31.00%	67.00%	
647	79	5.00%	5.00%	274	2.00%	31.00%	67.00%	
648	111	7.00%	7.00%	355	2.00%	35.00%	63.00%	
649	133	8.00%	8.00%	489	2.00%	30.00%	68.00%	
650	39	8.00%	8.00%	123	2.00%	30.00%	68.00%	
TOTAL	10948			30747				

ATSZone	2005	2005	2005	2005	2005	2005	2005
	MFDU's #	%Vac&Np %	%Vacant %	MFPop. #	0-auto %	1-auto %	2-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	617	7.00%	7.00%	1,563	2.00%	55.00%	43.00%
474	126	7.00%	7.00%	353	2.00%	35.00%	63.00%
475	1,901	7.00%	7.00%	5,344	2.00%	31.00%	67.00%
476	183	2.00%	2.00%	622	1.00%	26.00%	73.00%
477	2,042	8.00%	8.00%	5,834	3.00%	28.00%	69.00%
478	252	8.00%	8.00%	728	2.00%	30.00%	68.00%
479	547	3.00%	3.00%	1,628	1.00%	19.00%	80.00%
480	448	7.00%	7.00%	533	0.00%	23.00%	77.00%
481	655	7.00%	7.00%	1,948	1.00%	26.00%	72.00%
484	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
520	1,199	6.00%	6.00%	3,349	9.00%	18.00%	73.00%
522	1,762	8.00%	8.00%	4,924	9.00%	18.00%	73.00%
523	274	6.00%	6.00%	766	18.00%	35.00%	47.00%
571	31	15.00%	15.00%	79	3.00%	28.00%	60.00%
602	91	5.00%	5.00%	312	3.00%	31.00%	67.00%
603	293	7.00%	7.00%	872	3.00%	31.00%	67.00%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	123	7.00%	7.00%	310	2.00%	35.00%	63.00%
637	195	7.00%	7.00%	622	2.00%	35.00%	63.00%
638	16	5.00%	5.00%	50	1.00%	19.00%	80.00%
643	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
644	519	3.00%	3.00%	1,544	1.00%	19.00%	80.00%
645	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
646	937	7.00%	7.00%	2,633	2.00%	31.00%	67.00%
647	91	5.00%	5.00%	312	2.00%	31.00%	67.00%
648	125	7.00%	7.00%	399	2.00%	35.00%	63.00%
649	153	8.00%	8.00%	563	2.00%	30.00%	68.00%
650	45	8.00%	8.00%	142	2.00%	30.00%	68.00%
TOTAL	12622			35433			

ATSZone	2010	2010	2010	2010	2010	2010	2010
	MFDU's #	%Vac&Mp %	%Vacant %	MFPop. #	0-auto %	1-auto %	2-auto %
471	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
473	658	7.00%	7.00%	1,666	2.00%	55.00%	43.00%
474	137	7.00%	7.00%	384	2.00%	35.00%	63.00%
475	2,195	7.00%	7.00%	6,173	2.00%	31.00%	67.00%
476	212	2.00%	2.00%	719	1.00%	26.00%	73.00%
477	2,264	8.00%	8.00%	6,469	3.00%	28.00%	69.00%
478	285	8.00%	8.00%	823	2.00%	30.00%	68.00%
479	621	3.00%	3.00%	1,848	1.00%	19.00%	80.00%
480	525	7.00%	7.00%	624	0.00%	23.00%	77.00%
481	795	7.00%	7.00%	2,366	1.00%	26.00%	72.00%
484	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
520	1,360	6.00%	6.00%	3,798	9.00%	18.00%	73.00%
522	1,970	8.00%	8.00%	5,503	9.00%	18.00%	73.00%
523	329	6.00%	6.00%	919	18.00%	35.00%	47.00%
571	37	15.00%	15.00%	95	3.00%	28.00%	60.00%
602	102	5.00%	5.00%	351	3.00%	31.00%	67.00%
603	312	7.00%	7.00%	928	3.00%	31.00%	67.00%
604	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
636	131	7.00%	7.00%	331	2.00%	35.00%	63.00%
637	217	7.00%	7.00%	692	2.00%	35.00%	63.00%
638	17	5.00%	5.00%	55	1.00%	19.00%	80.00%
643	0	0.00%	0.00%	0	0.00%	0.00%	0.00%
644	585	3.00%	3.00%	1,742	1.00%	19.00%	80.00%
645	0	0.00%	0.00%				
646	1,082	7.00%	7.00%	3,042	2.00%	31.00%	67.00%
647	102	5.00%	5.00%	351	2.00%	31.00%	67.00%
648	139	7.00%	7.00%	444	2.00%	35.00%	63.00%
649	173	8.00%	8.00%	636	2.00%	30.00%	68.00%
650	51	8.00%	8.00%	160	2.00%	30.00%	68.00%
TOTAL	14296			40118			

IUATS 2010 UPDATE--ZDATA1--

IUATSZone	1985 MFDU's	1995 MFDU's	2000 MFDU's	2005 MFDU's	2010 MFDU's
471	0	0	0	0	0
473	453	535	576	617	658
474	81	104	115	126	137
475	722	1,311	1606	1,901	2,195
476	70	126	155	183	212
477	1,153	1,598	1820	2,042	2,264
478	121	186	219	252	285
479	251	399	473	547	621
480	141	294	371	448	525
481	93	374	514	655	795
484	0	0	0	0	0
520	556	877	1038	1,199	1,360
522	934	1,348	1555	1,762	1,970
523	55	165	220	274	329
571	6	19	25	31	37
602	46	68	79	91	102
603	218	256	274	293	312
604	0	0	0	0	0
636	90	106	114	123	131
637	108	152	173	195	217
638	9	12	14	16	17
643	0	0	0	0	0
644	253	386	452	519	585
645	0	0	0	0	0
646	356	646	791	937	1,082
647	46	68	79	91	102
648	69	97	111	125	139
649	73	113	133	153	173
650	22	33	39	45	51
TOTAL	5926	9274	10948	12622	14296

JUATS 2010 UPDATE--ZDATA1--

JUATSZone	1985 #vac&np MF	1995 #vac&np MF	2000 #vac&np MF	2005 #vac&np MF	2010 #vac&np MF
471	0	0	0	0	0
473	32	37	40	43	46
474	6	7	8	9	10
475	51	92	112	133	154
476	1	3	3	4	4
477	92	128	146	163	181
478	10	15	18	20	23
479	8	12	14	16	19
480	10	21	26	31	37
481	7	26	36	46	56
484	0	0	0	0	0
520	33	53	62	72	82
522	75	108	124	141	158
523	3	10	13	16	20
571	1	3	4	5	6
602	2	3	4	5	5
603	15	18	19	21	22
604	0	0	0	0	0
636	6	7	8	9	9
637	8	11	12	14	15
638	0	1	1	1	1
643	0	0	0	0	0
644	8	12	14	16	18
645	0	0	0	0	0
646	25	45	55	66	76
647	2	3	4	5	5
648	5	7	8	9	10
649	6	9	11	12	14
650	2	3	3	4	4
TOTAL	407	632	745	858	971

JUATS 2010 UPDATE--ZDATA1--

JUATSZone	1985 MFPop. MF	1995 MFPop. MF	2000 MFPop. MF	2005 MFPop. MF	2010 MFPop. MF
471	0	0	0	0	0
473	1,149	1,356	1459	1,563	1,666
474	229	291	322	353	384
475	2,031	3,688	4516	5,344	6,173
476	236	429	526	622	719
477	3,295	4,565	5199	5,834	6,469
478	349	538	633	728	823
479	746	1,187	1407	1,628	1,848
480	167	350	442	533	624
481	277	1,112	1530	1,948	2,366
484	0	0	0	0	0
520	1,552	2,451	2900	3,349	3,798
522	2,610	3,767	4346	4,924	5,503
523	155	460	613	766	919
571	16	48	64	79	95
602	158	235	274	312	351
603	650	761	817	872	928
604	0	0	0	0	0
636	228	269	290	310	331
637	345	484	553	622	692
638	28	39	44	50	55
643	0	0	0	0	0
644	752	1,148	1346	1,544	1,742
645	0	0	0	0	0
646	1,000	1,817	2225	2,633	3,042
647	158	235	274	312	351
648	221	310	355	399	444
649	269	416	489	563	636
650	68	105	123	142	160
TOTAL	16690	26061	30747	35433	40118

JUATS 2010 UPDATE--ZDATA1--

JUATZone#	1985	1995	2000	2005	2010
	mf autos MF	mf autos MF	mf autos MF	mf autos MF	mf autos MF
471	0	0	0	0	0
473	641	1,967	2117	2,268	2,418
474	128	489	541	593	646
475	1,091	11,208	13726	16,244	18,761
476	127	1,307	1600	1,894	2,188
477	1,771	8,961	10208	11,454	12,700
478	204	1,270	1494	1,718	1,941
479	401	2,939	3484	4,030	4,575
480	225	1,307	1649	1,990	2,332
481	149	9,509	13080	16,652	20,224
484	0	0	0	0	0
520	1,013	5,997	7096	8,196	9,295
522	1,702	7,943	9163	10,383	11,603
523	101	2,733	3640	4,547	5,454
571	11	284			
602	88	521	606	692	777
603	349	1,086	1165	1,244	1,324
604	0	0	0	0	0
636	127	391	421	451	480
637	193	969	1108	1,246	1,385
638	15	78	89	100	111
643	0	0	0	0	0
644	404	2,660	3119	3,577	4,036
645	0	0	0	0	0
646	538	5,525	6766	8,008	9,249
647	88	521	606	692	777
648	124	622	711	800	889
649	124	982	1155	1,328	1,501
650	37	248	291	335	378
TOTAL	9651	69515	84214	98912	113611

JUATS 2010 UPDATE - ZDATA2

JUATS ZONE	1985 INDUST. EMPLOY.	1985 COMMER EMPLOY	1985 SERVICE EMPLOY	1985 TOTAL EMPLOY.	1985 SCHOOL ENROLL.
471	6	141	137	284	0
473	19	24	155	320	0
474	98	133	200	629	0
475	126	255	257	1,526	0
476	116	1,430	565	2,111	699
477	19	100	38	157	1,308
479	0	165	45	267	0
479	100	166	335	778	5,401
480	66	80	24	170	0
481	68	128	69	50	0
484	0	72	1	55	0
520	80	82	114	276	1,713
522	183	117	496	796	800
523	72	123	72	267	0
571	72	124	72	268	0
602	8	37	181	217	547
603	117	723	613	1,453	1,363
604	5	542	479	0	0
636	84	316	227	297	384
637	8	404	390	651	0
638	0	34	49	636	0
643	83	138	280	501	0
644	83	139	279	635	0
645	67	111	223	431	0
646	115	266	234	752	0
647	0	0	208	217	0
648	0	404	376	417	0
649	0	127	25	162	782
650	0	92	22	48	0
TOTAL	1,595	6,473	6,345	14,570	12,997

JUATS 2010 UPDATE - ZDATA2

JUATS ZONE	1995 INDUST. EMPLOY.	1995 COMMER EMPLOY	1995 SERVICE EMPLOY	1995 TOTAL EMPLOY.	1995 SCHOOL ENROLL.
471	9	223	214	446	0
473	9	25	63	96	0
474	105	138	216	459	0
475	114	255	229	598	0
476	125	1,430	616	2,171	1,261
477	166	355	374	895	2,300
478	0	187	265	452	0
479	108	259	366	733	5,469
480	555	455	227	1,237	0
481	665	943	740	2,347	0
484	0	75	133	208	0
520	124	123	187	433	2,441
522	388	600	1,121	2,109	1,304
523	124	148	131	403	0
571	124	149	131	403	0
602	14	39	348	401	1,008
603	126	723	669	1,518	1,843
604	0	0	0	0	0
636	114	329	319	761	539
637	8	419	407	834	0
638	0	35	39	74	0
643	90	216	305	611	0
644	90	216	305	611	0
645	72	173	244	489	0
646	113	266	230	609	0
647	0	0	52	52	0
648	0	419	406	825	0
649	0	144	201	345	1,072
650	0	104	147	251	0
TOTAL	3,245	8,448	8,679	20,371	17,236

JHATS ZONE	2000 INDUST. EMPLOY.	2000 COMMER. EMPLOY	2000 SERVICE EMPLOY	2000 TOTAL EMPLOY.	2000 SCHOOL ENROLL.
471	10	264	240	514	0
473	4	25	32	61	0
474	109	141	221	471	0
475	108	255	219	582	0
476	130	1,430	633	2,193	1,448
477	240	482	486	1,208	2,631
478	0	198	338	536	0
479	112	306	376	794	5,492
480	799	643	295	1,737	0
481	963	1,350	963	3,276	0
484	0	76	177	253	0
520	144	143	211	500	2,684
522	421	841	1,329	2,601	1,472
523	150	161	150	461	0
521	150	161	150	461	0
602	17	40	403	460	1,161
603	131	723	687	1,541	2,003
604	7	542	688	1,237	0
636	129	335	348	813	590
637	8	427	412	847	0
638	0	36	35	71	0
643	94	255	313	662	0
644	94	255	313	662	0
645	75	204	251	530	0
646	112	266	278	656	0
647	0	0	0	0	0
648	4	427	416	847	0
649	0	152	260	412	1,168
650	0	110	189	299	0
TOTAL	4,083	10,248	10,364	24,695	18,649

JUATS 2010 UPDATE - ZDATA2

JUATS ZONE	2005 INDUST. EMPLOY.	2005 COMMER. EMPLOY	2005 SERVICE EMPLOY	2005 TOTAL EMPLOY.	2005 SCHOOL ENROLL.
471	11	305	274	591	0
473	0	25	0	25	0
474	113	144	228	484	0
475	102	255	206	563	0
476	135	1,430	656	2,220	1,698
477	314	609	635	1,558	3,072
478	0	209	436	645	0
479	116	353	390	858	5,522
480	1,043	831	385	2,259	0
481	1,261	1,757	1,261	4,280	0
484	0	77	236	313	0
520	168	163	243	575	3,008
522	594	1,082	1,607	3,283	1,696
523	176	174	176	526	0
571	176	173	176	525	0
602	20	41	477	538	1,366
603	136	723	712	1,570	2,216
604	0	0	0	0	0
636	144	341	390	875	659
637	8	435	419	862	0
638	0	37	30	67	0
643	98	294	324	716	0
644	98	294	324	716	0
645	78	235	260	573	0
646	111	266	226	603	0
647	0	0	0	0	0
648	4	435	429	868	0
649	0	160	338	499	1,297
650	0	116	245	361	0
TOTAL	4,904	10,964	11,084	26,953	20,533

JUATS 2010 UPDATE - ZDATA2

JUATS ZONE	2010 INDUST. EMPLOY.	2010 COMMER. EMPLOY	2010 SERVICE EMPLOY	2010 TOTAL EMPLOY.	2010 SCHOOL ENROLL.
471	13	346	309	667	0
473	0	26	0	26	0
474	116	146	235	498	0
475	96	255	194	545	0
476	139	1,430	678	2,248	1,947
477	387	737	785	1,909	3,513
478	0	220	533	753	0
479	120	399	403	923	5,553
480	1,288	1,018	476	2,782	0
481	1,560	2,165	1,559	5,283	0
484	0	79	294	373	0
520	190	184	276	649	3,331
522	696	1,324	1,884	3,904	1,920
523	202	156	202	590	0
571	202	186	202	590	0
602	23	42	551	616	1,570
603	140	723	736	1,600	2,430
604	0	0	0	0	0
636	159	348	430	937	727
637	8	442	427	877	0
638	0	37	26	63	0
643	101	333	335	769	0
644	101	332	336	769	0
645	80	266	270	616	0
646	110	266	224	600	0
647	0	0	0	0	0
648	0	442	443	885	0
649	0	169	417	585	1,425
650	0	122	300	422	0
TOTAL	5,733	12,223	12,524	30,479	22,417

ST. JOHNS COUNTY ZDATA1--1995

Zone number	S.F. Dwelling Units	% Vac.& Non-Perm.	% Vac.	S.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	2704	15	15	5746	3	31	66
517	5531	15	15	11753	1	27	72
518	170	15	15	361	36	31	33
519	252	15	15	535	33	33	34
521	2639	10	10	5938	1	22	77
595	180	10	10	405	1	22	77
596	72	10	10	162	1	22	77

ST. JOHNS COUNTY ZDATA1--1995

Zone number	M.F. D.U.'s	% Vac.& Non-Perm.	% Vac.	M.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	1323	15	15	2362	3	31	66
517	1159	15	15	2069	1	27	72
518	150	15	15	277	36	31	33
519	200	15	15	357	33	33	34
521	700	10	10	1323	1	22	77
595	100	10	10	189	1	22	77
596	120	10	10	227	1	22	77

ST. JOHNS COUNTY ZDATA1--2000

Zone number	S.F. Dwelling Units	% Vac.& Non-Perm.	% Vac.	S.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	2839	15	15	6032	3	31	66
517	6914	15	15	14692	1	27	72
518	255	15	15	542	36	31	33
519	378	15	15	803	33	33	34
521	3299	10	10	7423	1	22	77
595	225	10	10	506	1	22	77
596	90	10	10	202	1	22	77

ST. JOHNS COUNTY ZDATA1--2000

Zone number	M.F. D.U.'s	% Vac.& Non-Perm.	% Vac.	M.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	1587	15	15	2833	3	31	66
517	1739	15	15	3104	1	27	72
518	225	15	15	402	36	31	33
519	300	15	15	536	33	33	34
521	875	10	10	1654	1	22	77
595	200	10	10	378	1	22	77
596	240	10	10	453	1	22	77

JOHNS COUNTY ZDATA1--2005

Zone Number	S.F. Dwelling Units	% Vac. & Non-Perm.	% Vac.	S.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	2980	15	15	6333	3	31	66
517	7605	15	15	16160	1	27	72
518	293	15	15	623	36	31	33
519	435	15	15	924	33	33	34
521	3794	10	10	8537	1	22	77
595	281	10	10	632	1	22	77
596	113	10	10	254	1	22	77

JOHNS COUNTY ZDATA1--2005

Zone Number	M.F. D.U.'s	% Vac. & Non-Perm.	% Vac.	M.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
16	1666	15	15	2974	3	31	66
17	1999	15	15	3568	1	77	72
18	259	15	15	462	36	31	33
19	345	15	15	615	33	31	34
21	1006	10	10	1901	1	22	77
25	300	10	10	567	1	22	77
26	360	10	10	680	1	22	77

ST. JOHNS COUNTY ZDATA1--2010

Zone number	S.F. Dwelling Units	% Vac.& Non-Perm.	% Vac.	S.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	3129	15	15	6649	3	31	66
517	7985	15	15	16968	1	27	72
518	308	15	15	655	36	31	33
519	478	15	15	1015	33	33	34
521	4363	10	10	9817	1	22	77
595	351	10	10	790	1	22	77
596	141	10	10	317	1	22	77

ST. JOHNS COUNTY ZDATA1--2010

Zone number	M.F. D.U. 's	% Vac.& Non-Perm.	% Vac.	M.F. Pop.	% 0 Auto D.U.	% 1 Auto D.U.	% 2+Auto D.U.
516	1749	15	15	3122	3	31	66
517	2099	15	15	3747	1	27	72
518	285	15	15	509	36	31	33
519	380	15	15	678	33	33	34
521	1157	10	10	2187	1	22	77
595	345	10	10	652	1	22	77
596	414	10	10	782	1	22	77