

**Socioeconomic Data Production
For
FDOT 2035 Long Range Transportation Plan**

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Submitted To:
FDOT – District 5
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Introduction

Data Transfer Solutions (DTS) was contracted by the District 5 office of the Florida Department of Transportation (FDOT) to produce Socioeconomic Data (Zdata) for the ten counties in Central Florida. These counties include; Brevard, Flagler, Lake, Marion, Orange, Osceola, Polk, Seminole, Sumter, and Volusia. The Zdata was produced at the Traffic Analysis Zone (TAZ) level for the years 2020, 2025, 2030 and 2035. The projected Zdata1 and Zdata2 was compared to projected data created by the University of Florida (UF) using their LUCIS methodology. Using the projected data created by DTS and the two sets of data created by UF, County MPOs will create their Preferred Land Use. This Preferred Land Use will be utilized by FDOT in their 2035 Long Range Transportation Plan (LRTP).

From a previous effort led by the East Central Florida Regional Planning Council (ECFRPC), DTS created 2005 base year data and 2015 projected data that was accepted by the County MPOs. This accepted data was used as the base for creating the projected data.

DTS utilized METROPLAN ORLANDO's Future Land Use Allocation Model (FLUAM) methodology to facilitate the distribution of forecasted (2020, 2025, 2030 and 2035) Zdata to TAZs. Forecasted population control totals were developed for the counties throughout the Central Florida Region based on data from the Bureau of Economic and Business Research (BEBR). BEBR Medium population projection numbers were used as the default, except where specific counties were using a modified control total for their methodology. The FLUAM methodology was then used to distribute the population forecasts to vacant parcels based on historical development trends, future land use designations, and the parcel's unique relationship to recently developed parcels.

Software Used

- ESRI ArcMap Version 9.2 – Service Pack 4
- Microsoft Office Excel 2003 – Service Pack 3

Input Data Sources

- U.S. Census Bureau (www.census.gov) – Year 2000 files 56, 57 and 58 from the Census Bureau Summary File 3 (SF-3)
- Bureau of Economic and Business Research (www.bebr.ufl.edu) – 2008 report (Florida Population Studies, Volume 41, Bulletin 150)
- Woods & Poole Economics (www.woodsandpoole.com) – 2007 Florida State Profile (State and County Projections to 2030 – was extrapolated out to 2035 (Employment data)
- East Central Florida Regional Planning Council (www.ecfrpc.org) – supplied Generalized Future Land Use and Parcel GIS files for 2007 and 2008
- County Government and Property Appraiser Websites – See Appendix B

Factor Table Census Calculations

As part of the development of 2005 base year data, DTS created Factor tables from Census data. See Appendix A for complete Census factors with ArcGIS code and examples.

Variables Produced

Single Family Percent Vacant Permanent and Non-Permanent Units (SFVAC1)

The percentage of single-family dwelling units that are vacant or are occupied by seasonal residents, who regularly reside in a permanent residence elsewhere.

Single Family Percent Vacant Permanent Units (SFVAC2)

Percentage of single-family dwelling units that is actually vacant during the peak season of the year.

Single Family People per Household (SFPPH)

Total Single Family Population / Total Single Family Occupied Units = Single Family People per Household.

Percent Single Family Dwelling Units with 0 Autos Available (SF0AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having no vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household.

Percent Single Family Dwelling Units with 1 Auto Available (SF1AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having one vehicle (automobile, van or truck not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicle) ordinarily in running condition which is kept at home for use for non-commercial purposes by persons in the household.

Percent Single Family Dwelling Units with 2+ Autos Available (SF2AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having two or more vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicles and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household.

Multi-Family Percent Vacant Permanent And Non Permanent Units (MFVAC1)

Percentage of multi-family dwelling units that are vacant or are occupied by seasonal residents who regularly reside in a permanent residence elsewhere.

Multi-Family Percent Vacant Permanent Units (MFVAC2)

Percentage of multi-family dwelling units that is actually vacant during the peak season of the year.

Multi-Family People per Household (MFPPH)

Total Multi-Family Population / Total Multi-Family Occupied Units = Multi-Family People per Household.

Percent Multi-Family Dwelling Units with 0 Autos Available (MF0AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having no vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household.

Percent Multi-Family Dwelling Units with 1 Auto Available (MF1AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having one vehicle (automobile, van or truck not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicle) ordinarily in running condition which is kept at home for use for non-commercial purposes by persons in the household.

Percent Multi-Family Dwelling Units with 2+ Autos Available (MF2AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having two or more vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicles and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household.

Future Year Population Zdata1 Production

Forecasted BEBR Population Numbers

New information concerning population control totals was used for this project, thus necessitating the development of new ZDATA1 and ZDATA2 datasets for the future years. This section describes the sources and procedures used to determine the 2015, 2020, 2025, 2030, and 2035 control totals that were used in the project.

Consistent with the development of other ZDATA datasets for metropolitan planning organizations and non-metropolitan counties in District Five, the University of Florida's Bureau of Economic and Business Research (BEBR) projections for future years served as the primary source for base population control totals used for the project. Shortly after the project was underway, BEBR released Volume 41, Bulletin 150 providing its 2007-2035 high, medium, and low population projections for 2010, 2015, 2020, 2025, 2030, and 2035.

It is important to note that it is not unusual for BEBR projections for the same future year to vary significantly from one year's projections to the next. This is often more noticeable for the years furthest out, and can particularly be a factor during times when economic and demographic trends are shifting. The recent slowdown in growth in Central Florida indicates that we are in one of those periods. This can be confirmed by comparing the BEBR 2030 medium projections by county in Bulletin 150 and the BEBR 2030 medium projections by county in Bulletin 147 issued one year earlier. With one exception (Sumter County which saw its 2030 medium projection rise by 200 people – barely 1/10 of one percent over the previous projection), medium projections for all District Five counties decreased over the year. On the other end of the spectrum, the 2030 projection for Volusia County fell 5.6%, dropping from 701,700 in Bulletin 147 to 662,700 in Bulletin 150.

The 2035 BEBR medium projections were used for Brevard, Flagler, Lake, Marion, Sumter, and Volusia counties. For Orange, Osceola, and Seminole counties, population control totals were provided by the counties through a separate METROPLAN ORLANDO forecasting effort – that effort was overseen by the Land Use Subcommittee of the agency's Transportation Technical Committee. The situation for Seminole County is rare in that they are a relatively small county and expect to reach build out by 2025, for that reason Seminole County staff provided DTS with control totals to use and they proposed a decrease in total population in the years past 2025 (2030 and 2035). For Polk County, data by TAZ released in 2007 were used for 2020 and 2030 – appropriate interpolations and extrapolations were then used to develop the control totals for the other years.

The 2035 population control totals that were used to develop the forecasted Zdata1 were:

County	2015	2020	2025	2030	2035
Brevard	612,700	653,300	692,500	729,000	762,500
Flagler	129,400	153,800	177,800	200,600	221,900
Lake	347,900	389,500	430,200	468,700	504,500
Marion	381,400	419,300	456,300	491,100	523,200
Orange	1,357,386	1,495,043	1,629,365	1,762,300	1,887,638
Osceola	412,172	483,120	547,069	630,140	713,212
Seminole	488,242	496,011	497,830	497,144	496,458
Sumter	117,400	136,100	154,500	172,100	188,500
Volusia	561,000	596,500	630,700	662,700	691,900

Figure 1. Zdata1 Population Control Totals

Each of the counties and MPOs were contacted to determine if the forecasted BEBR control totals were satisfactory for use in this study.

2015-2035 Population Zdata1 Production

In order to calculate the total 2015, 2020, 2025, 2030 and 2035 Population Zdata1, DTS utilized the latest parcel data for each county. These had been collected in early-to-mid 2007 so the layers accurately portrayed the parcels that had been developed or platted for development in the year 2006. Parcels that are classified as being vacant (no building value, no year built value, DOR Code of vacant) were selected and exported to a new layer. These are the green parcels in the map below (Figure 2).

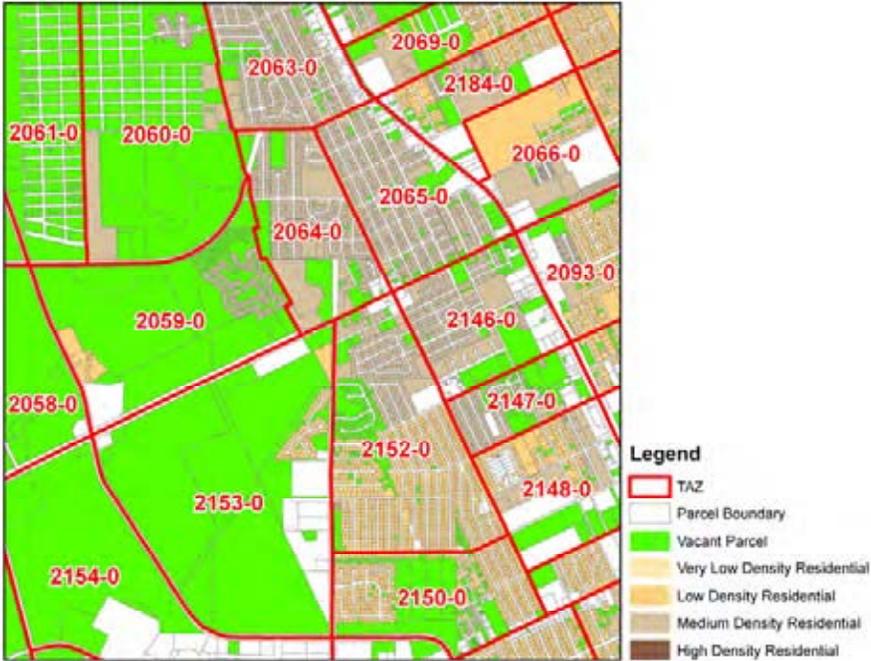


Figure 2. Vacant Parcels

These vacant parcels were then overlaid with the Future Land Use layer and assigned the corresponding land use values. ECFRPC generalized future land use designations were used for Brevard, Flagler, Marion, Lake, Sumter, and Volusia Counties (See Appendix D). For Orange, Osceola, and Seminole Counties, DTS used future land use designations that had been developed for each specific county for METROPLAN ORLANDO. Polk County future land uses were generalized for this project by applying the ECFRPC generalized future land use definitions to the FLU definitions in the comprehensive plans for the County and the cities in the area of interest. Parcels that contained a residential land use value were summarized by TAZ and exported to an Excel table.

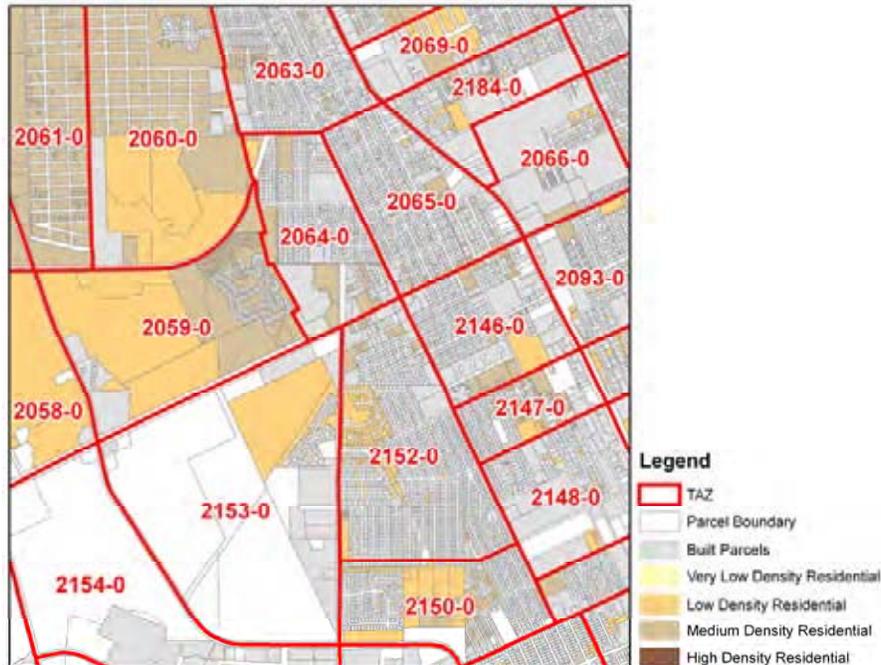


Figure 3. Future Land Use of Vacant Parcels

The existing built parcels were then summarized by TAZ and by Year Built to produce a table that showed the historical development that occurred in each TAZ. This table was then simplified to show the historical development for the previous five year period (2002-2006) as shown below in Figure 4.

	A	D	E	F	G	H
1	TAZ_SPLIT	Y2002	Y2003	Y2004	Y2005	Y2006
2	1501-1	0	0	0	2	0
3	1501-2	0	0	1	0	0
4	1501-3	0	0	3	0	1
5	1502-0	0	1	1	1	0
6	1503-0	0	0	0	0	0
7	1504-1	3	1	0	1	1
8	1504-2	0	0	0	0	0
9	1504-3	0	1	2	1	3
10	1504-4	2	6	2	7	3
1021	2425-0	0	0	0	0	0
1022	2426-1	0	0	0	0	0
1023	2426-2	0	0	7	69	58
1024	2426-3	0	0	26	93	55
1048	2436-2	0	0	0	0	0
1049	2437-1	0	0	0	0	0
1050	2437-2	0	0	0	0	0
1051	2437-3	0	0	0	0	0
1052	2438-0	0	0	0	0	0
1053	2439-0	0	0	1	0	0
1054	Total Units	3461	4221	4095	4464	3883
1055	Population (* 2.5)	8653	10553	10238	11160	9708
1056	Diff from Prev Year		760	-126	369	-581

Figure 4. Historical Development per TAZ

The developed parcels were then extrapolated out to the year 2035 by using an averaging algorithm that included the previous 5 years in its analysis. This shows how many parcels would develop based on the historical growth trend in that TAZ.

	A	B	C	D	E	F	G	H	I	J	K	L
1												
2	TAZ_SPLIT	Y2007	Y2008	Y2009	Y2010	Y2011	Y2012	Y2013	Y2014	Y2015	SUM	AVERAGE
3	1501-1	1	1	1	1	1	1	1	1	1	9	1
4	1501-2	0	0	0	0	0	0	0	0	0	0	0
5	1501-3	1	1	1	1	1	1	1	1	1	9	1
6	1502-0	1	1	1	1	1	1	1	1	1	9	1
7	1503-0	0	0	0	0	0	0	0	0	0	0	0
8	1504-1	1	1	1	1	1	1	1	1	1	9	1
9	1504-2	0	0	0	0	0	0	0	0	0	0	0
10	1504-3	2	2	2	2	2	2	2	2	2	18	2
11	1504-4	5	4	5	4	5	5	5	5	5	43	5
12	1504-5											

Figure 5. Averaging of Previous 5 Year's Data

These average factors are then applied to the vacant plated parcels with a residential Future Land Use designation. This ensures that development is assigned to TAZs where there is already growth occurring and there are vacant plated parcels available to be developed. Each individual year is totaled to a five year increment. For example, years 2011, 2012, 2013, 2014 and 2015 are totaled to arrive at the 2015 values. This process occurs for each of the 5 year intervals to arrive at the total development that will occur within a particular TAZ for year 2015, 2020, 2025, 2030 or 2035. Figure 6 below shows the Total Development for 2015, a separate table is created for each of the projection years – 2020, 2025, 2030 and 2035.

	A	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	TAZ_SPLIT	Y2007	Y2008	Y2009	Y2010	Y2011	Y2012	Y2013	Y2014	Y2015	VAC PRCL	SUM 2010	SUM 2015	SI
2	1501-1	0	0	0	0	0	0	0	0	0	1	0	0	
3	1501-2	3	3	3	3	3	3	3	3	3	31	12	15	
4	1501-3	11	11	11	11	11	11	11	11	11	103	44	65	
5	1502-0	1	1	1	1	1	1	1	1	1	194	4	5	
6	1503-0	2	2	2	2	2	2	2	2	2	22	8	10	
7	1504-1	1	1	1	1	1	1	1	1	1	10	4	5	
8	1504-2	0	0	0	0	0	0	0	0	0	2	0	0	
9	1504-3	1	1	1	1	1	1	1	1	1	12	4	5	
10	1504-4	18	14	18	14	18	18	18	18	18	152	64	90	
1021	2425-0	0	0	0	0	0	0	0	0	0	0	0	0	
1022	2426-1	0	0	0	0	0	0	0	0	0	0	0	0	
1023	2426-2	27	33	40	36	34	36	37	36	36	314	136	179	
1024	2426-3	13	16	18	16	16	16	16	16	16	142	63	80	
1048	2436-2	0	0	0	0	0	0	0	0	0	0	0	0	
1049	2437-1	0	0	0	0	0	0	0	0	0	0	0	0	
1050	2437-2	0	0	0	0	0	0	0	0	0	2	0	0	
1051	2437-3	0	0	0	0	0	0	0	0	0	0	0	0	
1052	2438-0	0	0	0	0	0	0	0	0	0	0	0	0	
1053	2439-0	1	1	1	1	1	1	1	1	1	6	4	5	
1054	Total Units	3083	3009	3116	3118	3098	3100	3107	3106	3101	44665	12326	15512	
1055	Population (* 2.5)	7708	7523	7790	7795	7745	7750	7768	7765	7753	111663		3106	
1056	Diff from Prev Year		-74	107	2	-20	2	7	-1	-5				

Figure 6. Total Development for 2015

The summarized 2015, 2020, 2025, 2030 and 2035 TAZ tables were added to Excel workbooks and additional residential development units were added to the TAZs. This data included known project information that was supplied by the Metropolitan Planning Organizations, Counties or Cities, as well as any DRIs that were located in the County. When looking at DRIs a 75% build out of the DRIs residential development plan was used. A list of DRIs used for all counties can be found in Appendix C.

	A	B	C	D	E	F	G	H	I	J	K	L	
1											DRI	DRI	
2	TAZ	SPLIT	ACRES	SFU	MHU	MFU	HMTU	RVU	TENTU	SFU+MHU	SFU	MFU	NOTES
3	1501-1		0.00	0	0	0	0	0	0	0			
4	1501-2		0.00	12	0	0	0	0	0	12			
5	1501-3		0.00	44	0	0	0	0	0	44			
6	1502-0		0.00	4	0	0	0	0	0	4			
7	1503-0		0.00	8	0	0	0	0	0	8			
8	1504-1		0.00	4	0	0	0	0	0	4			
9	1504-2		0.00	0	0	0	0	0	0	0			
10	1504-3		0.00	4	0	0	0	0	0	4			
11	1504-4		0.00	64	0	0	0	0	0	64			
12	1504-5		0.00	4	0	0	0	0	0	4			
13	1506-0		0.00	0	0	600	0	0	0	0	600	Deltona	
247	1680-0		0.00	0	0	0	0	0	0	0			
248	1681-0		0.00	44	0	83	0	0	0	44	30	83	Victoria Park
249	1682-0		0.00	229	0	0	0	0	0	229	150		Victoria Park
250	1683-1		0.00	0	0	0	0	0	0	0			
251	1683-2		0.00	4	0	0	0	0	0	4			
252	1683-3		0.00	0	0	0	0	0	0	0			
253	1684-0		0.00	4	0	0	0	0	0	4			
254	1685-0		0.00	0	0	0	0	0	0	0			
255	1686-0		0.00	4	0	0	0	0	0	4			
256	1687-0		0.00	9	0	0	0	0	0	9			
257	1688-0		0.00	0	0	110	0	0	0	0		110	Deltona
258	1689-0		0.00	12	0	0	0	0	0	12			
259	1690-0		0.00	8	0	0	0	0	0	8			

Figure 7. Known Developments for 2015

The summarized 2015 table was then added together with the summarized 2005 table to produce a Total Built 2010 table. The 2015 table was added to this final 2010 table to produce a Total Built 2015 table.

	A	B	C	D	E	F	G	H	I
2	TAZ SPLIT	ACRES	SFU	MHU	MFU	HMTU	RVU	TENTU	SFU+MHU
3	1501-1	4400.41	13	11	20	0	0	0	24
4	1501-2	1274.64	54	11	0	0	73	0	65
5	1501-3	571.21	140	13	0	0	0	0	153
6	1502-0	4248.47	117	100	2	0	60	20	217
7	1503-0	492.49	32	36	0	0	0	0	68
8	1504-1	816.08	20	61	0	0	0	0	81
9	1504-2	516.23	6	2	0	0	0	0	8
10	1504-3	341.08	49	8	0	0	0	0	57
11	1504-4	1048.30	191	37	6	0	0	0	228
12	1504-5	487.91	69	8	2	0	0	0	77
13	1506-0	2.90	1	0	600	0	0	0	1
247	1680-0	4.88	1	0	0	0	0	0	1
248	1681-0	57.70	344	0	133	0	0	0	344
249	1682-0	65.49	532	0	0	0	0	0	532
250	1683-1	27.05	0	0	0	0	0	0	0
251	1683-2	2.41	4	0	0	0	0	0	4
252	1683-3	0.00	0	0	0	0	0	0	0
253	1684-0	26.72	17	0	6	0	0	0	17
254	1685-0	29.18	22	0	2	0	0	0	22
255	1686-0	70.80	32	0	0	0	0	0	32
256	1687-0	29.28	77	1	0	0	0	0	78
257	1688-0	0.00	0	0	110	0	0	0	0
258	1689-0	259.16	351	0	0	0	0	0	351
259	1690-0	75.06	28	5	0	0	0	0	43

Figure 8. Total Built for 2015

The units were then run through a formula to subtract the vacant units (based on the Vacancy Factors) and multiplied by the People per Household to produce the population numbers for each TAZ.

$$(SFU - (SFU * SFVAC2)) * SFPPH = SFPOP$$

Figure 9. Total Population for 2015

The total population for all of the TAZs was then compared to the Population Control Total that has been agreed upon. These Control Totals are based on the BEBR assumptions for each County for the Year 2015 and 2035. If the total population is lower or higher than the BEBR number, the People per Household variables for all of the TAZs are factored up or down by a small percentage, in order to reach the Control Total. Figure 10 below shows a portion of the table displaying the original and factored people per household values for Single Family and Multi-Family.

Figure 10. Original and Factored People per Household Data

This results in the final Zdata1 tables for the year 2015 and 2035.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	TAZ_SPLIT	SFU	SFVAC1	SFVAC2	SFPOP	SF0AUTO	SF1AUTO	SF2AUTO	MFU	MFVAC1	MFVAC2	MFPOP	MF0AUTO	MF1AUTO
3	1501-1	24	0.001	0.000	74	0.0938	0.4988	0.4074	20	0.000	0.000	41	0.0000	0.0000
4	1501-2	65	0.205	0.064	161	0.0417	0.3576	0.6007	0	0.568	0.179	0	0.0371	0.3423
5	1501-3	153	0.005	0.002	474	0.0924	0.4948	0.4128	0	0.000	0.000	0	0.0000	0.0000
6	1502-0	217	0.205	0.064	540	0.0417	0.3575	0.6008	2	0.568	0.179	5	0.0371	0.3423
7	1503-0	68	0.205	0.064	189	0.0417	0.3575	0.6008	0	0.568	0.179	0	0.0371	0.3423
8	1504-1	81	0.073	0.036	196	0.0003	0.3464	0.6533	0	0.004	0.001	0	0.0002	0.4968
9	1504-2	8	0.072	0.036	20	0.0000	0.3463	0.6537	0	0.000	0.000	0	0.0000	0.4978
10	1504-3	57	0.072	0.036	138	0.0000	0.3463	0.6537	0	0.000	0.000	0	0.0000	0.4978
11	1504-4	228	0.072	0.036	551	0.0001	0.3471	0.6528	6	0.000	0.000	18	0.0003	0.4977
12	1504-5	77	0.073	0.037	185	0.0006	0.3532	0.6462	2	0.000	0.000	6	0.0027	0.4970
13	1506-0	1	0.029	0.010	3	0.0173	0.2576	0.7251	600	0.000	0.000	1231	0.0000	0.0000
1047	2435-0	0	0.042	0.024	0	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1048	2436-1	0	0.042	0.024	0	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1049	2436-2	0	0.042	0.024	0	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1050	2437-1	0	0.042	0.024	0	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1051	2437-2	0	0.042	0.024	0	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1052	2437-3	3	0.042	0.024	8	0.0000	0.2604	0.7396	0	0.382	0.220	0	0.0000	0.3056
1053	2438-0	0	0.042	0.025	0	0.0013	0.2597	0.7391	0	0.371	0.215	0	0.0106	0.2993
1054	2439-0	80	0.043	0.026	208	0.0023	0.2591	0.7386	0	0.362	0.210	0	0.0194	0.2940
1055		193558			438377				63361			107207		

Figure 11. Final Zdata1 Table for 2015

The 2005, 2015 and 2035 data was interpolated to create the 2020, 2025 and 2030 data. The 2020, 2025 and 2030 data was then checked against known developments and control totals to ensure accuracy. If changes to these years were required they were made by looking at the TAZ individually. At that point the final Zdata1 tables (see Figure 11) for year 2020, 2025 and 2030 were created.

County Exception - Seminole

The methodology for Seminole was the same as the above methodology with the exception in 2030 and 2035 there was a reduction in population. The averaging from previous years was reduced as build-out was approached in 2025 and the averaging became a negative value for 2030 and 2035 to account for the decline in population the County expected.

County Exception - Polk

The one county that was an exception to the above methodology was Polk County. The analysis for Polk County was only for the 53 TAZs in the North East portion of Polk County that border on Lake, Orange and Seminole Counties. FDOT and HNTB staff requested DTS follow a different methodology to create 2035 data for Polk County. DTS used the 2020 and 2030 data created by the Polk TPO and interpolated and extrapolated to create the data for the remaining years.

2010-2015 Population Zdata1 MPO Review Process

Brevard County

- DTS (Steve Dearborn - SD) email (03/29/2008) sending out year 2015 and 2035 Zdata1 forecasts
- DTS (SD) email (04/01/2008) sending out revised year 2015 and 2035 Zdata1 forecasts, corrected due to double count of Mobile Homes
- DTS (SD & Kirsten Koehn –KK) attend April 7 meeting of the Brevard County LRTP Advisory Committee to present 2015 and 2035 Zdata1 forecasts and methodology
- MPO (Susan Ditta) email (04/21/2008) – forwarded City of Melbourne comments – DTS incorporated these changes
- MPO (Susan Ditta) email (04/21/2008) – forwarded Port Canaveral comments – DTS incorporated these changes
- MPO (Susan Ditta) email (04/24/2008) – forwarded City of Palm Bay comments – DTS incorporated these changes
- DTS(SD) email (05/06/2008 – send out finalized data incorporating comments to FDOT and MPO
- RPG (Kate Ange) email (05/22/2008) – wanting to know if 2005 base data was changed or not?
- DTS (KK) email (05/22/2008) – 2005 base data not changed as it had already been accepted by FDOT and was being used by UF as their base data as well.

Flagler County

- DTS (KK) emailed (06/06/2008) sending out 2005, 2015 and 2035 Zdata1 forecasts
- HNTB emailed (06/18/2008) – forwarding Zdata forecasts to Flagler County
- DTS, FDOT and HNTB (07/10/2008) attended meeting with Flagler to give them the data and explain methodology.
- DTS (KK) email (07/24/2008) – sent out revised Flagler Zdata2 based on new control totals received from HNTB and enrollment information provided by County
- DTS (KK) email (07/24/2008) – sent out revised Flagler Zdata1 with new HMT data based on control totals provided by HNTB
- DTS (KK) email (08/18/2008) – revised data for Bunnell using new Generalized Future Land Use without UNK designation

Lake County

- FDOT (Betty McKee) email (06/18/2008) – they are reevaluating Lake County control totals with the MPO and will let DTS know the final decision
- DTS (KK) email (06/20/2008) – sent out new Control Totals based on BEBR Medium

- Lake/Sumter MPO (TJ Fish) email (06/25/2008) – MPO agreed to use BEBR Medium for their new Control Totals
- DTS (KK) email (07/25/2008) – sent out 2005, 2015 and 2035 Zdata forecasts
- DTS (KK) email (07/29/2008) – forward on 2005, 2015, 2025 and 2035 data to FDOT & HNTB
- DTS (KK) email (07/30/2008) – forwarded on 2025 forecasts
- DTS (KK) email (09/07/2008) – sent Mascotte people per household numbers to Lake/Sumter MPO and City of Mascotte
- Lake/Sumter MPO email (09/15/2008) – Tom Burke will talk with City of Mascotte to see if they want to have their People per Household numbers changed
- Lake/Sumter MPO email (09/22/2008) – Tom Burke sent email about DRIs used, build out rates per DRIs and to request 2035 numbers per municipality
- DTS (KK) email (09/22/2008) – sent 2035 numbers per municipality and DRIs used

Marion County

- DTS (KK) email (08/06/2008) - sent out 2005, 2015, 2025 and 2035 Zdata forecasts
- Ocala-Marion MPO called (09/04/2008) – to ask about 2005 Zdata2, they feel the allocation is not correct
- DTS (KK) email (09/25/2008) – sent John Voges 2005 Zdata2 so he could compare to InfoUSA data
- DTS (KK) email (11/10/2008) – sent John Voges email to see if he had comments and what he wanted to do about data

Polk County

- DTS (SD) emailed FDOT & HNTB (05/08/2008) that Mobile Homes were added to Multi-Family instead of Single family for 2005 base data. DTS fixed it using parcel data and forward on the modified 2005 Z1data
- DTS (SD) email (05/09/2008) sending out year 2005 and 2035 Zdata1 forecasts to FDOT and HNTB
- FDOT (Betty McKee) emailed DTS (05/16/2008) saying the original Polk County data should be used for the base year
- DTS (SD) email (05/16/2008) sending out year 2005 and 2035 Zdata1 forecasts to FDOT and HNTB
- DTS (KK) spoke to FDOT & HNTB (07/10/2008) after Flagler meeting and was told to not use FLUAM methodology for Polk but to obtain 2020 and 2030 Zdata produced by TPO and interpolate and extrapolate to create new data
- DTS (KK) email (07/19/2008) – sent out year 2035 Zdata1 forecasts based on 2020 and 2030 numbers created by the Polk TPO
- DTS (KK) email (07/27/2008) – sent email to HNTB to see if they had a chance to review data yet

Sumter County

- DTS (KK) email (07/23/2008) – send out 2005, 2015 and 2035 Zdata1 forecasts

- Lake/Sumter MPO (Tom Burke) email (07/23/2008) – questioning the removal of prisoners from the multi-family population and what that did to the numbers
- DTS (KK) email (07/23/2008) – detailed number of prisoners, total population and control totals.
- DTS (KK) email (08/04/2008) – sent 2025 forecasts on to Lake/Sumter MPO
- DTS (KK) email (08/07/2008) – sent response to questions about methodology and 2005 removal of prisoners
- Lake/Sumter MPO email (09/22/2008) – Tom Burke sent email about DRIs used, build out rates per DRIs and to request 2035 numbers per municipality
- DTS (KK) email (09/22/2008) – sent 2035 numbers per municipality and DRIs used

Volusia County

- DTS (SD) email (05/16/2008) sending out year 2015 and 2035 Zdata1 forecasts
- Volusia MPO (Mike Neidhart) email (05/28/2008) – Please resend 2005, 2015 and 2035 Zdata files
- DTS (KK) email (05/28/2008) resending the 2005, 2015 and 2035 Zdata1 files
- DTS (KK) email (06/26/2008) to Volusia MPO and HNTB requesting comments on Zdata
- Volusia MPO (Mike Neidhart) email (06/27/2008) requesting 2025 forecasts
- DTS (KK) email (07/14/2008) with 2005, 2015, 2025 and 2035 Zdata1 forecasts
- DTS (KK) email (07/30/2008) – sent out 2005, 2015, 2025 and 2035 that we reran per a phone request from Volusia MPO (Mike Neidhart)
- Volusia MPO (Mike Neidhart) called (07/31/2008) – stated he didn't have an opportunity to check the 2015 numbers from the hurricane study and just accepted them based on time constraints. He would check the 2015 and 2035 data and give comments on both
- DTS (KK) email (08/10/2008) – forwarded on Zdata tables with modified enrollment information.
- HNTB email (08/28/2008) – Josiah Banet sent an email to Volusia MPO to see if they had comments
- DTS (KK) email (09/18/2008) – emailed Bob Keeth numbers with Mike Neidhart's comments
- Volusia MPO email (09/23/2008) – Bob Keeth sent numbers he wanted used for Restoration DRI

Future Year Employment Zdata2 Production

Forecasted Employment Numbers

Woods & Poole Economics data, which have been used in various socio-economic data efforts in District Five, also served as the primary source for this project. Detailed employment information for 2000 through 2030 was obtained from Woods & Poole. The employment information available from the firm at the county level includes a breakdown of employment by industry for each year. 2015, 2020, 2025, and 2030 employment by industry were aggregated at the county level to the three FSUTMS (Florida Standard Urban Transportation Modeling Structure) categories – industrial, commercial, and service.

Woods & Poole projections currently extend only to the year 2030. To develop the 2035 control totals at the county level, the percentage change for each 5-year period between 2015 and 2030 (i.e., 2015-2020, 2020-2025, and 2025-2030) was calculated separately for industrial employment, commercial employment, and total employment. The appropriate percentage changes were then applied to the 2030 projections to develop the 2035 projections. To avoid rounding errors, service employment (the largest employment category in each county) for 2035 was calculated by subtracting industrial and commercial employment from total employment. This procedure was used for nine of the ten counties.

For Polk County employment, there was a higher than typical level of discrepancy between the Woods & Poole projections and the locally-generated projections. In this case, the decision was made to use the Polk Transportation Planning Organization’s employment projections as the base for additional work.

For Seminole County, the 2030 employment figures were maintained for 2035. This was done to cap the county’s employment as county planning staff anticipates buildout of the county prior to the year 2035.

TOTAL EMPLOYMENT					
COUNTY	Year 2015	Year 2020	Year 2025	Year 2030	Year 2035
Brevard County	307,000	320,567	334,120	347,628	362,922
Flagler County	26,610	27,818	29,023	30,225	32,970
Lake County	129,459	138,624	147,806	156,994	172,303
Marion County	158,492	170,328	182,199	194,079	205,458
Orange County	1,060,838	1,180,165	1,290,312	1,409,183	1,510,383
Osceola County	98,804	109,985	120,973	132,385	148,966
Polk County	305,165	323,565	341,978	360,375	378,548
Seminole County	279,958	304,004	328,027	352,053	351,531
Sumter County	21,134	21,628	22,117	22,601	24,231
Volusia County	235,042	243,442	250,894	257,814	268,904
TOTAL	2,622,502	2,840,126	3,047,449	3,263,337	3,456,216

Figure 12. Forecasted Total Employment per County

Allocation to Submarkets

Following the establishment of population and employment control totals for each county, these control totals were then allocated to submarkets prior to running FLUAM (the Future Land Use Allocation Model). Planning districts were used as the basis for these submarkets. In two cases (Lake and Marion counties), it was determined that the number of existing planning districts might negatively affect the function of FLUAM to distribute planning district control totals to traffic analysis zones (TAZs), so the number of such districts was reduced by combining original planning districts. The final number of planning districts used for each county is as follows:

- Brevard 7
- Flagler 4
- Lake 4
- Marion 4
- Polk (part) 2
- Sumter 3
- Volusia 8

The 2000 and 2025 ZDATA1 and ZDATA2 files for the CFRPM IV (Central Florida Regional Planning Model, version 4) were taken into account during this process as base datasets that represented consensus regarding where growth was expected to take place. The datasets had been reviewed by the respective metropolitan planning organizations, the Florida Department of Transportation, and other involved agencies providing a variety of regional and local outlooks. The TAZ-level figures were aggregated up to the planning district level for analysis. Both numerical growth and percentage growth by planning district were examined.

A variety of calculations were made that took into account the various increases and decreases in county-level 2025 control totals and the expected 2000-2025 growth in the CFRPM IV, leading to trend numbers for each planning district. These basic numbers were then factored up or down to meet the new county-level control totals. The allocations for 2015, 2020, 2030, and 2035 were based on the 2000 and 2025 allocations, backed up by other information such as planned growth in Developments of Regional Impact (DRIs) which were also used in the development of the 2025 LRTP Development. Manual adjustments were made at the planning district level to better smooth the time series data where warranted, to fix rounding issues, to reallocate (to one or more adjacent planning districts) predicted population or employment that exceeded the capacity of all developable land in a particular district, and to adjust numbers that were not consistent with our knowledge of the demographic, economic, and development trends of the ten-county area.

The CFRPM IV data for Polk County did not incorporate all of the traffic analysis zones in the expanded Polk County area being used for this project. For the TAZs in Polk County, socio-economic data from August 2007 were downloaded from the Polk Transportation Planning Organization website. 2000 socio-economic data was used as the base data, while 2020 and 2030 data were interpolated to develop a 2025 dataset. Similarly, 2015 and 2035 datasets were developed using interpolation and extrapolation. Extrapolation was used to create the 2035 dataset based on 2030 data and 2000 and 2020 data was interpolated to create the 2015 dataset.

The resulting sets of numbers were then used as inputs to the Future Land Use Allocation Model to develop employment datasets for future years. This allocation process is described in the next section.

Allocations within Submarkets

The Future Land Use Allocation Model (FLUAM) was used to distribute forecasted 2015, 2020, 2025, 2030, and 2035 socio-economic data (ZDATA) to traffic analysis zones. FLUAM was used to distribute the employment forecasts for planning districts to vacant parcels based on historical development trends, future land use designations, and the parcel's unique relationship to recently developed parcels.

The resulting draft ZDATA datasets were then provided to metropolitan planning organizations, the Florida Department of Transportation, and other agencies for review. Any changes requested by metropolitan planning organizations, FDOT, and non-metropolitan counties were then incorporated into revised ZDATA files.

2015-2035 Employment Zdata2 Production

In order to calculate the total 2015, 2020, 2025, 2030 and 2035 Employment Zdata2, DTS utilized the latest parcel data for each county. These had been collected in early-to-mid 2007 so the layers accurately portrayed the parcels that had been developed or platted for development in the year 2006. Parcels that are classified as being vacant (no building value, no year built value, DOR Code of vacant) were selected and exported to a new layer. These are the green parcels in the map below (Figure 13).



Figure 13. Vacant Parcels

These vacant parcels were then overlaid with the Future Land Use layer and assigned the corresponding land use values as shown in Figure 14. ECFRPC generalized future land use designations were used for Brevard, Flagler, Marion, Lake, Sumter, and Volusia Counties (See Appendix D). For Orange, Osceola, and Seminole Counties, DTS used future land use designations that had been developed for each specific county for METROPLAN ORLANDO. Polk County future land uses were generalized for this project by applying the ECRRPC generalized future land use definitions to the FLU definitions in the comprehensive plans for the County and the cities in the area of interest. Parcels that contained a residential or non-residential land use value were summarized by TAZ and exported to an Excel table. Parcels with a Mixed Use, Planned Development or DRI FLU were also exported as historically they have supported some component of employment.

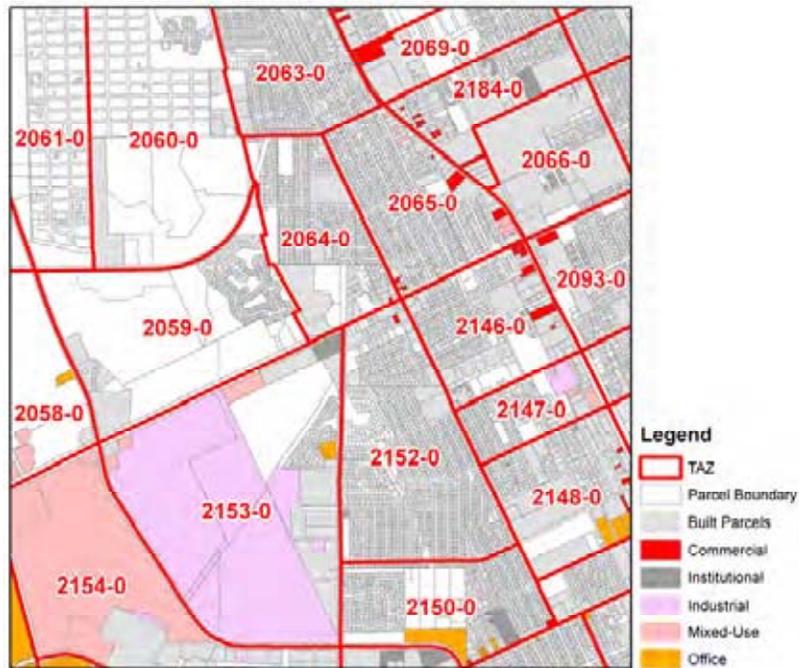


Figure 14. *Future Land Use of Vacant Parcels*

The existing built parcels were then summarized by TAZ, Year Built and acreage to produce a table that showed the historical development that occurred in each TAZ. This table was then simplified to show the historical development for the previous five year period (2002-2006).

	A	F	G	H	I	J	K	L
1	TAZ	Y2002	Y2003	Y2004	Y2005	Y2006	IND2015	IND2020
2	1351	0	0	0	0	0		
3	1352	0	0	0	0	0		
4	1353	0	0	0	0	0		
5	1354	43	10	10	10	11		
6	1355	28	7	7	7	7		
7	1356	0	0	0	0	0		
8	1357	0	0	0	0	0		
9	1358	0	0	0	0	0		
26	1380	0	0	0	0	0		
27	1381	0	0	0	0	0	71	17
28	1382	0	0	0	0	0		
29	1389	0	0	0	0	0		
30	1390	0	0	0	0	0		
31	1391	0	0	0	0	0		
32	1392	0	0	0	0	0		
33	1393	3	1	1	1	1		
34	1394	0	0	0	0	0		
35	1395	10	2	2	2	2		
36	1396	0	0	0	0	0		

Figure 15. Averaging of Previous Year's Data

The acreage of the developed parcels was then extrapolated out to the year 2035 by using an averaging algorithm that included the previous 5 years in its analysis. This shows the acreage that would develop based on the historical growth trend in that TAZ.

	A	C	D	E	F	G	H	I	J	K	L
1	TAZ	TAZ SPLIT	COM	MU	PD	TOT	COM2015	COM2020	COM2025	COM2030	COM2035
2	1351	1239-0	1544	2	0	1547	152	47	47	47	52
3	1352	1240-0	18	0	0	18	2	1	1	1	1
4	1353	1246-1	482	46	0	528	52	16	16	16	18
29	1389	1245-0	0	0	0	0	0	0	0	0	0
30	1390	1218-0	46	0	0	46	5	1	1	1	2
31	1391	1219-0	0	0	0	0	0	0	0	0	0
32	1392	1260-0	117	0	0	117	12	4	4	4	4
33	1393	1261-0	96	0	0	96	9	3	3	3	3
34	1394	1259-0	52	52	0	104	10	3	3	3	4
35	1395	1255-0	649	20	0	669	66	20	20	20	23
36	1396	1256-0	0	0	0	0	0	0	0	0	0
37	1397	1257-0	35	0	0	35	3	1	1	1	1
38	1398	1258-0	35	0	0	35	3	1	1	1	1
39	1399	1262-0	187	7	0	194	19	6	6	6	7
40	1405	1201-0	0	0	0	0	0	0	0	0	0
41	1406	1204-0	0	0	0	0	0	0	0	0	0
42	1407	1203-0	0	0	0	0	0	0	0	0	0
43	1408	1202-0	0	322	0	322	32	10	10	10	11
44	1409	1206-0	0	0	0	0	0	0	0	0	0
45	1410	1208-0	0	0	0	0	0	0	0	0	0
46	1411	1207-0	0	0	0	0	0	0	0	0	0
47	1412	1205-0	0	364	0	364	36	11	11	11	12
48	1413	1211-0	0	0	0	0	0	0	0	0	0
49	1414	1212-0	0	0	0	0	0	0	0	0	0
50	1415	1209-0	0	0	0	0	0	0	0	0	0

Figure 16. Potential Commercial Development

These average factors are then applied to the vacant platted parcels with a non-residential Future Land Use designation. This ensures that development is assigned to TAZs where there is already growth occurring and there are vacant platted parcels available to be developed. Each year is then summarized to the year 2015, 2020, 2025, 2030 or 2035 to show the total acreage that will occur within that TAZ.

In addition, based on the acreage and FLU of the parcel the number of employees each parcel can support is determined. Based on historical development factors it was determined that a parcel will develop to 75% of its acreage, since parking and green space around the building will account for 25% of the total parcel acreage. Using the 75% development ratio, FAR and Square Feet per Employee and the FLU the number of employees per parcel is determined using the following calculations:

Acres * 75% development * 43560 feet * FAR/Square Feet per Employee

Commercial Employment

[Acres] * 0.75 * 43560 * 0.1/500

Service Employment

[Acres] * 0.75 * 43560 * 0.1/300

Industrial Employment

[Acres] * 0.75 * 43560 * 0.2/1000

From historical analysis it was determined that parcels with a FLU of MU would develop 35% residential and 65% non-residential. The non-residential development would be comprised of the following percentages: Commercial (35%), Service (20%) and Industrial (10%). The following calculations are used to determine the number of employees per parcel for a parcel with a FLU of MU:

(Acres * % Acres for each Zdata Category) 75% development * 43560 feet * FAR/Square Feet per Employee

Commercial Employment

([Acres] * 0.35) * 0.75 * 43560 * 0.1/500

Service Employment

([Acres] * 0.2) * 0.75 * 43560 * 0.1/300

Industrial Employment

([Acres] * 0.1) * 0.75 * 43560 * 0.2/1000

The number of employees each parcel can support was then summarized to the TAZ. In addition to ensuring that development is in TAZs where there is already growth occurring and there are vacant platted parcels available to be developed, the number of potential employees per TAZ per Zdata category is also known.

The summarized 2015, 2020, 2025, 2030 and 2035 TAZ tables were added to Excel workbooks. Data for know project information that was supplied by the Planning Organizations, Counties or Cities, as well as any DRIs that were located in the County was added to the Excel workbooks.

The summarized 2015 table was then averaged with the summarized 2005 table to produce a Total Employees 2010 table. The new growth from the 2015 table was added to the final 2010 table to produce a Total Employees 2015 table (Figure 17).

	A	B	C	D	E	F	G	H
1	TAZ	IND	COM	SER	TOTAL	ENROL		
2	1751	11	132	6	149	0		
671	2420	48	46	300	394	0		
672	2421	45	14	43	102	0		
673	2422	6	46	7	59	0		
674	2423	0	0	0	0	766		
675	2424	12	7	137	156	1418		
676	2425	5	1	63	69	0		
677	2426	0	0	0	0	0		
678	2427	269	1	41	311	307		
679	2428	8	17	15	40	0		
680	2429	11	0	3	14	0		
681	2430	6	1	13	20	0		
682	2431	0	0	0	0	0		
683	2432	40	8	0	48	0		
684	2433	0	0	0	0	0		
685	2434	0	0	0	0	0		
686	2435	0	0	0	0	0		
687	2436	0	0	0	0	0		
688	2437	0	20	166	186	0		
689	2438	17	1	21	39	0		
690	2439	0	0	0	0	0		
691	2440	0	0	0	0	0		

Figure 17. Total Employment Units for 2015

The total employment for all of the TAZs was then compared to the Employment Control Total that has been agreed upon. These Control Totals are based on the Woods & Poole assumptions for each County for the Year 2015 and 2035. If the total employment is higher than the Woods & Poole based number, the number of employees for all of the TAZs were factored down by a small percentage, in order to reach the Control Total.

This results in the final Zdata2 tables for the year 2015 and 2035. The table for 2015 is show below as Figure 18.

	A	B	C	D	E	F	G	H
1	TAZ	IND	COM	SER	TOTAL	ENROL		
2	1751	11	132	6	149	0		
671	2420	48	46	300	394	0		
672	2421	45	14	43	102	0		
673	2422	6	46	7	59	0		
674	2423	0	0	0	0	766		
675	2424	12	7	137	156	1418		
676	2425	5	1	63	69	0		
677	2426	0	0	0	0	0		
678	2427	269	1	41	311	307		
679	2428	8	17	15	40	0		
680	2429	11	0	3	14	0		
681	2430	6	1	13	20	0		
682	2431	0	0	0	0	0		
683	2432	40	8	0	48	0		
684	2433	0	0	0	0	0		
685	2434	0	0	0	0	0		
686	2435	0	0	0	0	0		
687	2436	0	0	0	0	0		
688	2437	0	20	166	186	0		
689	2438	17	1	21	39	0		
690	2439	0	0	0	0	0		
691	2440	0	0	0	0	0		

Figure 18. Final Zdata2 for 2015

The 2005, 2015 and 2035 data was interpolated to create the 2020, 2025 and 2030 data. The 2020, 2025 and 2030 data was then checked against known developments and control totals to ensure accuracy. If changes to these years were required they were made by looking at the TAZ individually. At that point the final Zdata2 tables for year 2020, 2025 and 2030 were created.

County Exception - Polk

The one county that was an exception to the above methodology was Polk County. The analysis for Polk County was only for the 53 TAZs in the North East portion of Polk County that border on Lake, Orange and Seminole Counties. FDOT and HNTB staff requested DTS follow a different methodology to create 2035 data for Polk County. DTS used the 2020 and 2030 data created by the Polk TPO and interpolated and extrapolated to create the data for the remaining years.

2015-2035 Employment Zdata2 MPO Review Process

Brevard County

- DTS (SD) email (03/29/2008) sending out year 2015 and 2035 Zdata2 forecasts
- DTS (SD) email (04/01/2008) sending out revised year 2015 and 2035 Zdata2 forecasts, corrected due to double count of Mobile Homes
- DTS (SD & KK) attend April 7 meeting of the Brevard County LRTP Advisory Committee to present 2015 and 2035 Zdata2 forecasts and methodology
- MPO (Susan Ditta) email (04/21/2008) – forwarded City of Melbourne comments – DTS incorporated these changes
- MPO (Susan Ditta) email (04/21/2008) – forwarded Port Canaveral comments – DTS incorporated these changes
- MPO (Susan Ditta) email (04/24/2008) – forwarded City of Palm Bay comments – DTS incorporated these changes
- DTS(SD) email (05/06/2008 – send out finalized data incorporating comments to FDOT and MPO
- RPG (Kate Ange) email (05/22/2008) – wanting to know if 2005 base data was changed or not?
- DTS (KK) email (05/22/2008) – 2005 base data not changed as it had already been accepted by FDOT and was being used by UF as their base data as well.

Flagler County

- DTS (KK) emailed (06/06/2008) sending out 2005, 2015 and 2035 Zdata2 forecasts
- HNTB emailed (06/18/2008) – forwarding Zdata forecasts to Flagler County
- DTS, FDOT and HNTB (07/10/2008) attended meeting with Flagler to give them the data and explain methodology.
- DTS (KK) email (07/24/2008) – sent out revised Flagler Zdata2 based on new control totals received from HNTB and enrollment information provided by County
- DTS (KK) email (07/24/2008) – sent out revised Flagler Zdata2 with new HMT data based on control totals provided by HNTB
- DTS (KK) email (08/18/2008) – revised data for Bunnell using new Generalized Future Land Use without UNK designation

Lake County

- FDOT (Betty McKee) email (06/18/2008) – they are reevaluating Lake County control totals with the MPO and will let DTS know the final decision
- DTS (KK) email (06/20/2008) – sent out new Control Totals based on BEBR Medium
- Lake/Sumter MPO (TJ Fish) email (06/25/2008) – MPO agreed to use BEBR Medium for their new Control Totals

- DTS (KK) email (07/25/2008) – sent out 2005, 2015 and 2035 Zdata2 forecasts
- DTS (KK) email (07/29/2008) – forward on 2005, 2015, 2025 and 2035 data to FDOT & HNTB
- DTS (KK) email (07/30/2008) – forwarded on 2025 forecasts
- DTS (KK) email (09/07/2008) – sent Mascotte people per household numbers to Lake/Sumter MPO and City of Mascotte
- Lake/Sumter MPO email (09/15/2008) – Tom Burke will talk with City of Mascotte to see if they want to have their People per Household numbers changed
- Lake/Sumter MPO email (09/22/2008) – Tom Burke sent email about DRIs used, build out rates per DRIs and to request 2035 numbers per municipality
- DTS (KK) email (09/22/2008) – sent 2035 numbers per municipality and DRIs used

Marion County

- DTS (KK) email (08/06/2008) - sent out 2005, 2015, 2025 and 2035 Zdata forecasts
- Ocala-Marion MPO called (09/04/2008) – to ask about 2005 Zdata2, they feel the allocation is not correct
- DTS (KK) email (09/25/2008) – sent John Voges 2005 Zdata2 so he could compare to InfoUSA data
- DTS (KK) email (11/10/2008) – sent John Voges email to see if he had comments and what he wanted to do about data

Polk County

- DTS (SD) emailed FDOT & HNTB (05/08/2008) that Mobile Homes were added to Multi-Family instead of Single family for 2005 base data. DTS fixed it using parcel data and forward on the modified 2005 Z2data
- DTS (SD) email (05/09/2008) sending out year 2005 and 2035 Zdata2 forecasts to FDOT and HNTB
- FDOT (Betty McKee) emailed DTS (05/16/2008) saying the original Polk County data should be used for the base year
- DTS (SD) email (05/16/2008) sending out year 2005 and 2035 Zdata2 forecasts to FDOT and HNTB
- DTS (KK) spoke to FDOT & HNTB (07/10/2008) after Flagler meeting and was told to not use FLUAM methodology for Polk but to obtain 2020 and 2030 Zdata produced by TPO and interpolate and extrapolate to create new data
- DTS (KK) email (07/19/2008) – sent out year 2035 Zdata2 forecasts based on 2020 and 2030 numbers created by the Polk TPO
- DTS (KK) email (07/27/2008) – sent email to HNTB to see if they had a chance to review data yet

Sumter County

- DTS (KK) email (07/23/2008) – send out 2005, 2015 and 2035 Zdata2 forecasts
- Lake/Sumter MPO (Tom Burke) email (07/23/2008) – questioning the removal of prisoners from the multi-family population and what that did to the numbers

- DTS (KK) email (07/23/2008) – detailed number of prisoners, total population and control totals.
- DTS (KK) email (08/04/2008) – sent 2025 forecasts on to Lake/Sumter MPO
- DTS (KK) email (08/07/2008) – sent response to questions about methodology and 2005 removal of prisoners
- Lake/Sumter MPO email (09/22/2008) – Tom Burke sent email about DRIs used, build out rates per DRIs and to request 2035 numbers per municipality
- DTS (KK) email (09/22/2008) – sent 2035 numbers per municipality and DRIs used

Volusia County

- DTS (SD) email (05/16/2008) sending out year 2015 and 2035 Zdata2 forecasts
- Volusia MPO (Mike Neidhart) email (05/28/2008) – Please resend 2005, 2015 and 2035 Zdata files
- DTS (KK) email (05/28/2008) resending the 2005, 2015 and 2035 Zdata2 files
- DTS (KK) email (06/26/2008) to Volusia MPO and HNTB requesting comments on Zdata
- Volusia MPO (Mike Neidhart) email (06/27/2008) requesting 2025 forecasts
- DTS (KK) email (07/14/2008) with 2005, 2015, 2025 and 2035 Zdata2 forecasts
- DTS (KK) email (07/30/2008) – sent out 2005, 2015, 2025 and 2035 that we reran per a phone request from Volusia MPO (Mike Neidhart)
- Volusia MPO (Mike Neidhart) called (07/31/2008) – stated he didn't have an opportunity to check the 2015 numbers from the hurricane study and just accepted them based on time constraints. He would check the 2015 and 2035 data and give comments on both
- DTS (KK) email (08/10/2008) – forwarded on Zdata tables with modified enrollment information.
- HNTB email (08/28/2008) – Josiah Banet sent an email to Volusia MPO to see if they had comments
- DTS (KK) email (09/18/2008) – emailed Bob Keeth numbers with Mike Neidhart's comments
- Volusia MPO email (09/23/2008) – Bob Keeth sent numbers he wanted used for Restoration DRI

Appendix A: Census Factors

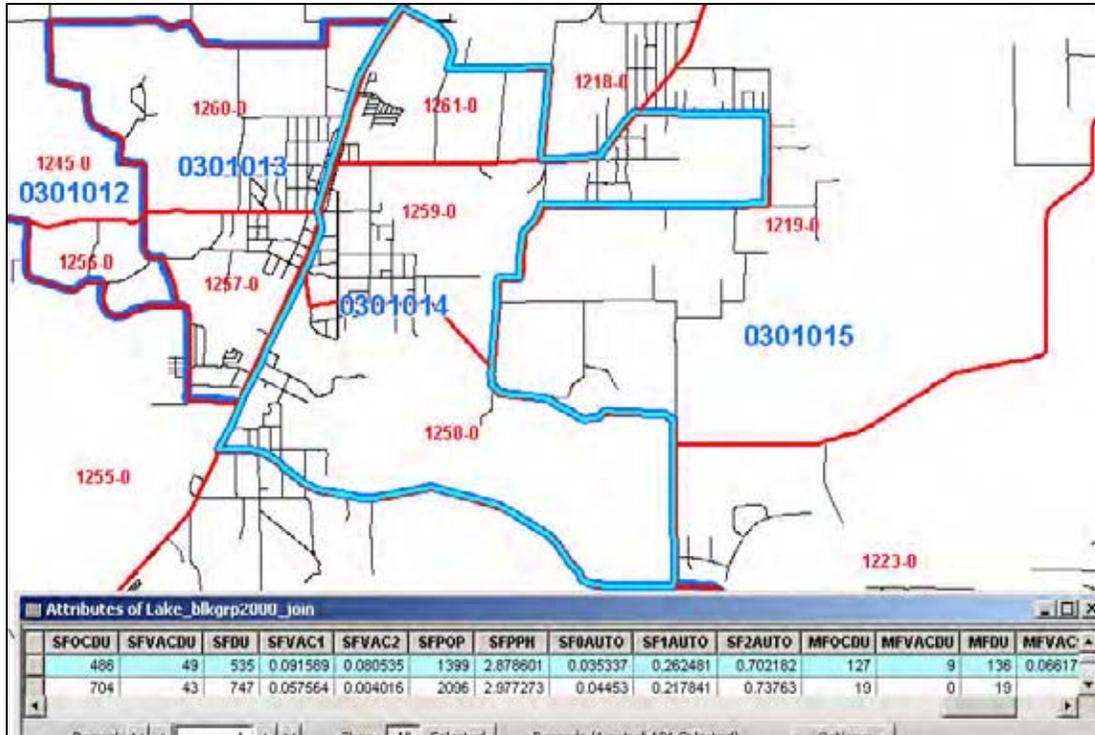
Census Block Group Table Headings

GEO_ID	Geography Identifier
GEO_NAME	Geography
H001001	Housing units: Total
H008001	Vacant housing units: Total
H008002	Vacant housing units: For rent
H008003	Vacant housing units: For sale only
H008004	Vacant housing units: Rented or sold; not occupied
H008005	Vacant housing units: For seasonal; recreational; or occasional use
H008006	Vacant housing units: For migrant workers
H008007	Vacant housing units: Other vacant
H030001	Housing units: Total
H030002	Housing units: 1; detached units in structure
H030003	Housing units: 1; attached units in structure
H030004	Housing units: 2 units in structure
H030005	Housing units: 3 or 4 units in structure
H030006	Housing units: 5 to 9 units in structure
H030007	Housing units: 10 to 19 units in structure
H030008	Housing units: 20 to 49 units in structure
H030009	Housing units: 50 or more units in structure
H030010	Housing units: Mobile home
H030011	Housing units: Boat; RV; van; etc.
H031001	Vacant housing units: Total
H031002	Vacant housing units: 1; detached units in structure
H031003	Vacant housing units: 1; attached units in structure
H031004	Vacant housing units: 2 units in structure
H031005	Vacant housing units: 3 or 4 units in structure
H031006	Vacant housing units: 5 to 9 units in structure
H031007	Vacant housing units: 10 to 19 units in structure
H031008	Vacant housing units: 20 to 49 units in structure
H031009	Vacant housing units: 50 or more units in structure
H031010	Vacant housing units: Mobile home
H031011	Vacant housing units: Boat; RV; van; etc.
H032001	Occupied housing units: Total
H032002	Occupied housing units: Owner occupied
H032003	Occupied housing units: Owner occupied; 1; detached units in structure
H032004	Occupied housing units: Owner occupied; 1; attached units in structure
H032005	Occupied housing units: Owner occupied; 2 units in structure
H032006	Occupied housing units: Owner occupied; 3 or 4 units in structure
H032007	Occupied housing units: Owner occupied; 5 to 9 units in structure
H032008	Occupied housing units: Owner occupied; 10 to 19 units in structure
H032009	Occupied housing units: Owner occupied; 20 to 49 units in structure
H032010	Occupied housing units: Owner occupied; 50 or more units in structure
H032011	Occupied housing units: Owner occupied; Mobile home
H032012	Occupied housing units: Owner occupied; Boat; RV; van; etc.
H032013	Occupied housing units: Renter occupied
H032014	Occupied housing units: Renter occupied; 1; detached units in structure

H032015	Occupied housing units: Renter occupied; 1; attached units in structure
H032016	Occupied housing units: Renter occupied; 2 units in structure
H032017	Occupied housing units: Renter occupied; 3 or 4 units in structure
H032018	Occupied housing units: Renter occupied; 5 to 9 units in structure
H032019	Occupied housing units: Renter occupied; 10 to 19 units in structure
H032020	Occupied housing units: Renter occupied; 20 to 49 units in structure
H032021	Occupied housing units: Renter occupied; 50 or more units in structure
H032022	Occupied housing units: Renter occupied; Mobile home
H032023	Occupied housing units: Renter occupied; Boat; RV; van; etc.
H033001	Population in occupied housing units: Total population in occupied housing units
H033002	Population in occupied housing units: Total population in occupied housing units; Owner occupied
H033003	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 1; detached units in structure
H033004	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 1; attached units in structure
H033005	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 2 units in structure
H033006	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 3 or 4 units in structure
H033007	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 5 to 9 units in structure
H033008	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 10 to 19 units in structure
H033009	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 20 to 49 units in structure
H033010	Population in occupied housing units: Total population in occupied housing units; Owner occupied; 50 or more units in structure
H033011	Population in occupied housing units: Total population in occupied housing units; Owner occupied; Mobile home
H033012	Population in occupied housing units: Total population in occupied housing units; Owner occupied; Boat; RV; van; etc.
H033013	Population in occupied housing units: Total population in occupied housing units; Renter occupied
H033014	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 1; detached units in structure
H033015	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 1; attached units in structure
H033016	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 2 units in structure
H033017	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 3 or 4 units in structure
H033018	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 5 to 9 units in structure
H033019	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 10 to 19 units in structure
H033020	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 20 to 49 units in structure
H033021	Population in occupied housing units: Total population in occupied housing units; Renter occupied; 50 or more units in structure
H033022	Population in occupied housing units: Total population in occupied housing units; Renter occupied; Mobile home
H033023	Population in occupied housing units: Total population in occupied housing units; Renter occupied; Boat; RV; van; etc.
H044001	Occupied housing units: Total
H044002	Occupied housing units: Owner occupied
H044003	Occupied housing units: Owner occupied; No vehicle available
H044004	Occupied housing units: Owner occupied; 1 vehicle available
H044005	Occupied housing units: Owner occupied; 2 vehicles available
H044006	Occupied housing units: Owner occupied; 3 vehicles available
H044007	Occupied housing units: Owner occupied; 4 vehicles available
H044008	Occupied housing units: Owner occupied; 5 or more vehicles available
H044009	Occupied housing units: Renter occupied
H044010	Occupied housing units: Renter occupied; No vehicle available
H044011	Occupied housing units: Renter occupied; 1 vehicle available
H044012	Occupied housing units: Renter occupied; 2 vehicles available
H044013	Occupied housing units: Renter occupied; 3 vehicles available
H044014	Occupied housing units: Renter occupied; 4 vehicles available
H044015	Occupied housing units: Renter occupied; 5 or more vehicles available

ArcMap Calculations

The numbers used in the formulas below (in RED) are from Lake County Block Group 0301014. They correspond to TAZs 1258-0, 1259-0, and 1261-0.



Single Family

Occupied Single Family Dwelling Units (SFOCDU)

Occupied Single Family Dwelling Units plus Occupied Mobile Home Units equals total occupied single family dwelling units.

$$[H032003] + [H032011] + [H032014] + [H032022]$$

$$[417] + [23] + [41] + [5] = 486$$

Vacant Single Family Dwelling Units (SFVACDU)

Vacant SF units plus Vacant Mobile Home Units equals total non permanent SF occupied units.

$$[H031002] + [H031010]$$

$$[49] + [0] = 49$$

Single Family Dwelling Units (SFDU)

Total SF units plus Total Mobile Home Units equals total Single Family Dwelling Units.

$$[H030002] + [H030010]$$

$$[507] + [28] = 535$$

Single Family Percent Vacant Permanent and Non-Permanent Units (SFVAC1)

Total Vacant SF units plus Total Vacant Mobile Home Units divided by Total Vacant Housing Units multiplied by Total Vacant Units divided by the Total Single Family Units equals Single Family Percent Vacant Permanent and Non-Permanent Units.

$$((([H031002] + [H031010]) / [H031001]) * [H008001]) / [SFUN]$$

$$((([49] + [0]) / [58]) * [58]) / [535]$$

$$(0.8448 * 58) / 535$$

$$49 / 535 = 0.09159$$

Single Family Percent Vacant Permanent Units (SFVAC2)

Total Vacant SF units plus Total Vacant Mobile Home Units divided by Total Vacant Housing Units multiplied by Total Vacant Units (subtracting out the seasonal vacant units) divided by the Total Single Family Units equals Single Family Percent Vacant Permanent Units.

$$((([H031002] + [H031010]) / [H031001]) * ([H008001] - [H008005])) / [SFUN]$$

$$((([49] + [0]) / [58]) * ([58] - [7])) / [535]$$

$$(0.8448 * 51) / 535$$

$$43.0862 / 535 = 0.0805$$

Total Single Family Population (SFPOP)

Total Single Family Owner Population plus Total Single Family Renter Population.

$$[H033003] + [H033011] + [H033014] + [H033022]$$

$$[1175] + [69] + [149] + [6] = 1399$$

Single Family People per Household (SFPPH)

Total Single Family Population divided by the Total Single Family Occupied Units.

```
[SFPOP] / ([SFUN] - ([SFUN] * [SFVAC1]))
[1399] / ([535] - ([535] * [0.09159]))
1399 / (535 - (49.00065))
1399 / 485.99935 = 2.8786
```

Percent Single Family Dwelling Units with 0 Autos Available (SF0AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having no vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

```
Dim SF0Auto as Double
Dim SFOwner0Auto as Double
Dim SFRenter0Auto as Double
Dim SF0AutoPerc as Double
Dim TotalOwnerOcc as Double
Dim TotalRenterOcc as Double
Dim TotalSFUnits as Double
```

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

If TotalOwnerOcc > 0 Then

```
SFOwner0Auto = ([H044003] * (([H032003] + [H032011]) / TotalOwnerOcc))
```

```
SFOwner0Auto = ([11] * (([SF Detached = 417] + [Mobile Home = 23]) / 445))
```

```
SFOwner0Auto = ([11] * (440 / 445))
```

```
SFOwner0Auto = ([11] * 0.98876)
```

SFOwner0Auto = 10.8764 (the number of Single Family Owner Occupied Units that have zero autos)

Else

```
SFOwner0Auto = 0
```

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

If TotalRenterOcc > 0 Then

```
SFRenter0Auto = ([H044010] * (([H032014] + [H032022]) / TotalRenterOcc))
```

```
SFRenter0Auto = ([23] * (([SF Detached = 41] + [MH = 5]) / 168))
```

```
SFRenter0Auto = ([23] * (46 / 168))
```

```
SFRenter0Auto = ([23] * 0.2738)
```

SFRenter0Auto = 6.2976 (the number of Single Family Renter Occupied Units that have zero autos)

Else

SFRenter0Auto = 0

End If

TotalSFUnits = ([H032003] + [H032011] + [H032014] + [H032022])

TotalSFUnits = ([417] + [23] + [41] + [5]) = 486 (the total of Units (Owner and Renter Occupied) in the Census Block Group that are Single Family)

SF0Auto = (SFOwner0Auto + SFRenter0Auto)

SF0Auto = (10.8764 + 6.2976) = 17.174 (the total Single Family Units with zero autos)

If TotalSFUnits > 0 Then

SF0AutoPerc = (SF0Auto / TotalSFUnits)

SF0AutoPerc = (17.174 / 486) = 0.035337 (the Percentage of Single Family Units with zero Autos Available)

Else

SF0AutoPerc = 0

End If

SF0AUTO = SF0AutoPerc = 0.035337

Percent Single Family Dwelling Units with 1 Auto Available (SF1AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having one vehicle (automobile, van or truck not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicle) ordinarily in running condition which is kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

Here is the code used to calculate Single Family Units with one auto available. The numbers used are from Lake County Block Group 0301014 (in RED). They correspond to TAZs 1258-0, 1259-0, and 1261-0.

Dim SF1Auto as Double
 Dim SFOwner1Auto as Double
 Dim SFRenter1Auto as Double
 Dim SF1AutoPerc as Double
 Dim TotalOwnerOcc as Double
 Dim TotalRenterOcc as Double
 Dim TotalSFUnits as Double

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

If TotalOwnerOcc <> 0 Then

SFOwner1Auto = [H044004] * (([H032003] + [H032011]) / TotalOwnerOcc)

SFOwner1Auto = ([98] * (([SF Detached = 417] + [Mobile Home = 23]) / 445))

SFOwner1Auto = ([98] * (440 / 445))

SFOwner1Auto = ([98] * 0.98876)

SFOwner1Auto = 96.89848 (the number of Single Family Owner Occupied Units that have one auto)

Else

SFOwner1Auto = 0

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

If TotalRenterOcc <> 0 Then

SFRenter1Auto = [H044011] * (([H032014] + [H032022]) / TotalRenterOcc)

SFRenter1Auto = ([112] * (([SF Detached = 41] + [MH = 5]) / 168))

SFRenter1Auto = ([112] * (46 / 168))

SFRenter1Auto = ([112] * 0.2738)

SFRenter1Auto = 30.6656 (the number of Single Family Renter Occupied Units that have one auto)

Else

SFRenter1Auto = 0

End If

TotalSFUnits = [H032003] + [H032011] + [H032014] + [H032022]

TotalSFUnits = ([417] + [23] + [41] + [5]) = 486 (the total of Units (Owner and Renter Occupied) in the Census Block Group that are Single Family)

SF1Auto = SFOwner1Auto + SFRenter1Auto

SF1Auto = (96.89848 + 30.6656) = 127.56408 (the total Single Family Units with one auto)

If TotalSFUnits <> 0 Then

 SF1AutoPerc = SF1Auto / TotalSFUnits

 SF1AutoPerc = (127.56408 / 486) = 0.26248 (the Percentage of Single Family Units with one Auto Available)

Else

 SF1AutoPerc = 0

End If

SF1AUTO = SF1AutoPerc = 0.26248

Percent Single Family Dwelling Units with 2+ Autos Available (SF2AUTO)

Percentage of households in single-family dwelling units occupied by permanent residents having two or more vehicles (automobiles, vans or trucks not exceeding 1 -ton capacity whether leased or owned; company vehicles and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

Here is the code used to calculate Single Family Units with two or more autos available. The numbers used are from Lake County Block Group 0301014 (in RED). They correspond to TAZs 1258-0, 1259-0, and 1261-0.

Dim SF2Auto as Double
 Dim SFOwner2Auto as Double
 Dim SFRenter2Auto as Double
 Dim SF2AutoPerc as Double
 Dim TotalOwnerOcc as Double
 Dim TotalRenterOcc as Double
 Dim TotalSFUnits as Double

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

If TotalOwnerOcc <> 0 Then

SFOwner2Auto = ([H044005] + [H044006] + [H044007] + [H044008]) * (([H032003] + [H032011]) / TotalOwnerOcc)

SFOwner2Auto = ([203] + [96] + [28] + [9]) * (([SF Det = 417] + [MH = 23]) / 445))

SFOwner2Auto = ([336] * (440 / 445))

SFOwner2Auto = ([336] * 0.98876)

SFOwner2Auto = 332.22336 (the # of SF Owner Occupied Units that have 2+ autos)

Else

SFOwner2Auto = 0

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

If TotalRenterOcc <> 0 Then

SFRenter2Auto = ([H044012] + [H044013] + [H044014] + [H044015]) * (([H032014] + [H032022]) / TotalRenterOcc)

SFRenter2Auto = (([10] + [23] + [0] + [0]) * (([SF Detached = 41] + [MH = 5]) / 168))

SFRenter2Auto = ([33] * (46 / 168))

SFRenter2Auto = ([33] * 0.2738)

SFRenter2Auto = 9.0354 (the # of SF Renter Occupied Units that have 2+ autos)

Else

SFRenter2Auto = 0

End If

TotalSFUnits = [H032003] + [H032011] + [H032014] + [H032022]

TotalSFUnits = ([417] + [23] + [41] + [5]) = 486 (the total of Units (Owner and Renter Occupied) in the Census Block Group that are Single Family)

SF2Auto = SFOwner2Auto + SFRenter2Auto

SF2Auto = (332.22336 + 9.0354) = 341.25876 (the total SF Units with 2+ autos)

If TotalSFUnits <> 0 Then

 SF2AutoPerc = SF2Auto / TotalSFUnits

 SF2AutoPerc = (341.25876 / 486) = 0.70218 (the Percentage of Single Family Units with 2+ Autos Available)

Else

 SF2AutoPerc = 0

End If

SF2AUTO = SF2AutoPerc = 0.6960

Multi-Family

Occupied Multi-Family Dwelling Units (MFOCDU)

Occupied Multi-Family Dwelling Units equals total occupied multi-family dwelling units.

[H032004] + [H032005] + [H032006] + [H032007] + [H032008] + [H032009] + [H032010] + [H032012] + [H032015] + [H032016] + [H032017] + [H032018] + [H032019] + [H032020] + [H032021] + [H032023]

[0] + [0] + [5] + [0] + [0] + [0] + [0] + [0] + [0] + [25] + [14] + [0] + [42] + [0] + [37] + [4] + [0] = 127

Vacant Multi-Family Dwelling Units (MFVACDU)

Vacant Multi-Family units equal total non permanent MF occupied units.

[H031003] + [H031004] + [H031005] + [H031006] + [H031007] + [H031008] + [H031009] + [H031011]

[0] + [0] + [0] + [9] + [0] + [0] + [0] + [0] = 9

Multi-Family Dwelling Units (MFDU)

Total MF units equal total Multi-Family Dwelling Units.

[H030003] + [H030004] + [H030005] + [H030006] + [H030007] + [H030008] + [H030009] + [H030011]

[25] + [14] + [5] + [51] + [0] + [37] + [4] + [0] = 135

Multi-Family Percent Vacant Permanent and Non-Permanent Units (MFVAC1)

Total Vacant MF units divided by Total Vacant Housing Units multiplied by Total Vacant Units divided by the Total Multi-Family Units equals Multi-Family Percent Vacant Permanent and Non-Permanent Units.

$\frac{([H031003] + [H031004] + [H031005] + [H031006] + [H031007] + [H031008] + [H031009] + [H031011])}{[H031001]} * [H008001] / [MFUN]$

$\frac{([0] + [0] + [0] + [9] + [0] + [0] + [0] + [0])}{[58]} * [58] / [135]$
 $\frac{(9 / 58) * 58}{135}$
 $\frac{(9 / 58) * 58}{135}$
 $9 / 135 = 0.06667$

Multi-Family Percent Vacant Permanent Units (MFVAC2)

Total Vacant MF units divided by Total Vacant Housing Units multiplied by Total Vacant Units (subtracting out the seasonal vacant units) divided by the Total Multi-Family Units equals Multi-Family Percent Vacant Permanent Units.

$$((([H031003] + [H031004] + [H031005] + [H031006] + [H031007] + [H031008] + [H031009] + [H031011]) / [H031001]) * ([H008001] - [H008005])) / [MFUN]$$

$$(((0 + 0 + 0 + 9 + 0 + 0 + 0 + 0) / 58) * (58 - 7)) / 135$$

$$(9 / 58) * (58 - 7) / 135$$

$$(0.15517 * 51) / 135$$

$$7.91379 / 135 = 0.05862$$

Total Multi-Family Population (MFPOP)

Total Multi-Family Owner Population plus Total Multi-Family Renter Population.

$$[H033004] + [H033005] + [H033006] + [H033007] + [H033008] + [H033009] + [H033010] + [H033012] + [H033015] + [H033016] + [H033017] + [H033018] + [H033019] + [H033020] + [H033021] + [H033023]$$

$$0 + 0 + 9 + 0 + 0 + 0 + 0 + 0 + 0 + 68 + 24 + 0 + 65 + 0 + 67 + 5 + 0 = 238$$

Multi-Family People per Household (MFPPH)

Total Multi-Family Population divided by the Total Multi-Family Occupied Units.

$$[MFPOP] / ([MFUN] - ([MFUN] * [MFVAC1]))$$

$$238 / (135 - (135 * 0.06667))$$

$$238 / (135 - 9.00045)$$

$$238 / 125.99955 = 1.8889$$

Percent Multi-Family Dwelling Units with 0 Autos Available (MF0AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having no vehicles (automobiles, vans or trucks not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

Dim MF0Auto as Double
 Dim MFOwner0Auto as Double
 Dim MFRenter0Auto as Double
 Dim MF0AutoPerc as Double
 Dim MFDU as Double
 Dim MFOwnerUnits as Double
 Dim MFRenterUnits as Double
 Dim TotalOwnerOcc as Double
 Dim TotalRenterOcc as Double
 Dim TotalMFUnits as Double

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

MFOwnerUnits = ([H032004] + [H032005] + [H032006] + [H032007] + [H032008] + [H032009] + [H032010] + [H032012])

MFOwnerUnits = ([0] + [0] + [5] + [0] + [0] + [0] + [0] + [0]) = 5

If TotalOwnerOcc > 0 Then

MFOwner0Auto = [H044003] * (MFOwnerUnits / TotalOwnerOcc)

MFOwner0Auto = [11] * (5 / 445)

MFOwner0Auto = [11] * (0.011236)

MFOwner0Auto = 0.123596 (the number of Multi-Family Owner Occupied Units that have zero autos)

Else

MFOwner0Auto = 0

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

MFRenterUnits = ([H032015] + [H032016] + [H032017] + [H032018] + [H032019] + [H032020] + [H032021] + [H032023])

MFRenterUnits = ([25] + [14] + [0] + [42] + [0] + [37] + [4] + [0]) = 122

If TotalRenterOcc > 0 Then

MFRenter0Auto = [H044010] * (MFRenterUnits / TotalRenterOcc)

MFRenter0Auto = [23] * (122 / 168)

MFRenter0Auto = [23] * (0.72619)

MFRenter0Auto = 16.70238

Else

MFRenter0Auto = 0

End If

MF0Auto = MFOwner0Auto + MFRenter0Auto

MF0Auto = 0.123596 + 16.70238 = 16.82598

MFDU = MFOwnerUnits + MFRenterUnits

MFDU = 5 + 122 = 127

If MFDU > 0 Then

MF0AutoPerc = MF0Auto / MFDU

MF0AutoPerc = 16.82598 / 127 = 0.13249

Else

MF0AutoPerc = 0

End If

MF0AUTO = MF0AutoPerc = 0.13249

Percent Multi-Family Dwelling Units with 1 Auto Available (MF1AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having one vehicle (automobile, van or truck not exceeding 1-ton capacity whether leased or owned; company vehicle and private vehicle) ordinarily in running condition which is kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

Dim MF1Auto as Double
 Dim MFOwner1Auto as Double
 Dim MFRenter1Auto as Double
 Dim MF1AutoPerc as Double
 Dim MFDU as Double
 Dim MFOwnerUnits as Double
 Dim MFRenterUnits as Double
 Dim TotalOwnerOcc as Double
 Dim TotalRenterOcc as Double
 Dim TotalMFUnits as Double

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

MFOwnerUnits = ([H032004] + [H032005] + [H032006] + [H032007] + [H032008] + [H032009] + [H032010] + [H032012])

MFOwnerUnits = ([0] + [0] + [5] + [0] + [0] + [0] + [0] + [0]) = 5

If TotalOwnerOcc > 0 Then

MFOwner1Auto = [H044004] * (MFOwnerUnits / TotalOwnerOcc)

MFOwner1Auto = [98] * (5 / 445)

MFOwner1Auto = [98] * (0.011236)

MFOwner1Auto = 1.101128 (the number of Multi-Family Owner Occupied Units that have one auto)

Else

MFOwner1Auto = 0

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

MFRenterUnits = ([H032015] + [H032016] + [H032017] + [H032018] + [H032019] + [H032020] + [H032021] + [H032023])

MFRenterUnits = ([25] + [14] + [0] + [42] + [0] + [37] + [4] + [0]) = 122

If TotalRenterOcc > 0 Then

MFRenter1Auto = [H044011] * (MFRenterUnits / TotalRenterOcc)

MFRenter1Auto = [112] * (122 / 168)

MFRenter1Auto = [112] * (0.72619)

MFRenter1Auto = 81.33328

Else

MFRenter1Auto = 0

End If

MF1Auto = MFOwner1Auto + MFRenter1Auto

MF1Auto = 1.101128 + 81.33328 = 82.434408

MFDU = MFOwnerUnits + MFRenterUnits

MFDU = 5 + 122 = 127

If MFDU > 0 Then

MF1AutoPerc = MF1Auto / MFDU

MF1AutoPerc = 82.434408 / 127 = 0.6491

Else

MF1AutoPerc = 0

End If

MF1AUTO = MF1AutoPerc = 0.6491

Percent Multi-Family Dwelling Units with 2+ Autos Available (MF2AUTO)

Percentage of households in multi-family dwelling units occupied by permanent residents having two or more vehicles (automobiles, vans or trucks not exceeding 1 -ton capacity whether leased or owned; company vehicles and private vehicles) ordinarily in running condition which are kept at home for use for non-commercial purposes by persons in the household. This calculation uses tables 30, 31, 32 and 44 (Tenure by Vehicles Available).

Dim MF2Auto as Double
 Dim MFOwner2Auto as Double
 Dim MFRenter2Auto as Double
 Dim MF2AutoPerc as Double
 Dim MFDU as Double
 Dim MFOwnerUnits as Double
 Dim MFRenterUnits as Double
 Dim TotalOwnerOcc as Double
 Dim TotalRenterOcc as Double
 Dim TotalMFUnits as Double

TotalOwnerOcc = [H032002] = 445 (the total of all Owner Occupied Units in that Census Block Group)

MFOwnerUnits = ([H032004] + [H032005] + [H032006] + [H032007] + [H032008] + [H032009] + [H032010] + [H032012])

MFOwnerUnits = ([0] + [0] + [5] + [0] + [0] + [0] + [0] + [0]) = 5

If TotalOwnerOcc > 0 Then

MFOwner2Auto = ([H044005] + [H044006] + [H044007] + [H044008]) * (MFOwnerUnits / TotalOwnerOcc)

MFOwner2Auto = ([203] + [96] + [28] + [9]) * (5 / 445)

MFOwner2Auto = [336] * (0.011236)

MFOwner2Auto = 3.7753 (the number of Multi-Family Owner Occupied Units that have 2+ autos)

Else

MFOwner2Auto = 0

End If

TotalRenterOcc = [H032013] = 168 (the total of all Renter Occupied Units in that Census Block Group)

MFRenterUnits = ([H032015] + [H032016] + [H032017] + [H032018] + [H032019] + [H032020] + [H032021] + [H032023])

MFRenterUnits = ([25] + [14] + [0] + [42] + [0] + [37] + [4] + [0]) = 122

If TotalRenterOcc > 0 Then

MFRenter2Auto = ([H044012] + [H044013] + [H044014] + [H044015]) * (MFRenterUnits / TotalRenterOcc)

MFRenter2Auto = ([10] + [23] + [0] + [0]) * (122 / 168)

MFRenter2Auto = [33] * (0.72619)

MFRenter2Auto = 23.96427

Else

MF2Renter2Auto = 0
End If

MF2Auto = MF2Owner2Auto + MF2Renter2Auto
MF2Auto = 3.7753 + 23.96427 = 27.73957

MFDU = MF2OwnerUnits + MF2RenterUnits
MFDU = 5 + 122 = 127

If MFDU > 0 Then
MF2AutoPerc = MF2Auto / MFDU
MF2AutoPerc = 27.73957 / 127 = 0.21842
Else
MF2AutoPerc = 0
End If

MF2AUTO = MF2AutoPerc = 0.15552

Appendix B: County GIS Information

Brevard County GIS Data Information

Brevard County MPO

<http://www.brevardmpo.com/>

Brevard County Government Website

<http://www.brevardcounty.us/>

Brevard County Property Appraiser

<http://www.brevardpropertyappraiser.com/>

Brevard County Property Appraiser GIS Data Download

<http://www.brevardpropertyappraiser.com/gisdata/datasearch.asp>

Source: ECFRPC provided the polygon parcel layer, however this layer did not have the attributes required to perform the analysis and did not have a parcel number field to join attributes to shape. (2007 parcels)

Alternative Source: DTS downloaded address points from the Brevard County GIS site (<http://www.brevardpropertyappraiser.com/gisdata/datasearch.asp>) (2007 Address points)

- The address point file was spatially joined to the polygon parcel data and the attribute information was assigned to the polygon data from the address point data.
- The address point file did not have a parcel number in it either; as a result there was not an adequate field on which to dissolve the parcels.

Lake County GIS Data Information

Lake/Sumter County MPO

<http://www.lakesumtermo.com/>

Lake County Government Website

<http://www.lakecountyfl.gov/>

Lake County Property Appraiser

<http://www.lakecopropappr.com/>

Lake County GIS Data Download

<ftp://ftp.co.lake.fl.us/GIS/GisDownloads/>

Source: DTS downloaded parcels from Lake County ftp site

[\(ftp://ftp.co.lake.fl.us/GIS/GisDownloads/\)](ftp://ftp.co.lake.fl.us/GIS/GisDownloads/). (2007 parcels)

- dissolved parcels based on parcel number (PCN)
- received Lake PAO table (with Year Built) from Lake County GIS Dept.

Marion County GIS Data Information

Marion County TPO

<http://www.ocalamariontpo.org/>

Marion County Government Website

<http://www.marioncountyfl.org/>

Marion County Property Appraiser

<http://www.pa.marion.fl.us/>

Source: ECFRPC provided parcel data with attributes (2007 parcels)
- dissolved parcels based on parcel number (PARCEL)

Orange County GIS Data Information

METROPLAN ORLANDO MPO

<http://www.metroplanorlando.com/home/>

Orange County Government Website

<http://www.orangecountyfl.net/cms/default.htm>

Orange County Property Appraiser

<http://www.ocpafl.org/>

City of Orlando Government Website

<http://www.ci.orlando.fl.us/>

- Source: Orange County 2005 - 2030 Zdata files were produced for METROPLAN ORLANDO in a separate contract in the year 2007
- Source: Orange County parcels were acquired from the Orange County Property Appraiser and were used to determine new development in 2006

Osceola County GIS Data Information

METROPLAN ORLANDO MPO

<http://www.metroplanorlando.com/home/>

Osceola County Government Website

<http://www.osceola.org/>

Osceola County Property Appraiser

<http://www.property-appraiser.org/>

- Source: Osceola County 2005 - 2030 Zdata files were produced for METROPLAN ORLANDO in a separate contract in the year 2007
- Source: Osceola County parcels were acquired from the Osceola County Property Appraiser and were used to determine new development in 2006

Polk County GIS Data Information

Polk County TPO
<http://polktpo.com/>

Polk County Government Website
<http://www.polk-county.net/>

Polk County GIS Download (ftp site)
<ftp://ftp.polkpa.org/GISData>

Polk County Property Appraiser
<http://www.polkpa.org/>

- Source: Polk County 2000, 2020 and 2030 Socioeconomic data was downloaded from the Polk County TPO.
- Source: Polk County parcels were acquired from the Polk county GIS Download site

Seminole County GIS Data Information

METROPLAN ORLANDO MPO

<http://www.metroplanorlando.com/home/>

Seminole County Government Website

<http://www.seminolecountyfl.gov/>

Seminole County Property Appraiser

<http://www.scpafl.org/scpaweb05/index.jsp>

- Source: Seminole County 2005 - 2030 Zdata files were produced for METROPLAN ORLANDO in a separate contract in the year 2007
- Source: Seminole County parcels were acquired from the Seminole County Property Appraiser and were used to determine new development in 2006

Sumter County GIS Data Information

Lake/Sumter County MPO

<http://www.lakesumtermpo.com/>

Sumter County Government Website

<http://sumtercountyfl.gov/>

Sumter County Property Appraiser

<http://www.qpublic.net/sumter/>

Sumter County GIS Map Viewer

<http://gis.sumtercountyfl.gov/website/parcels/viewer.htm>

Source: ECFRPC provided parcel data to DTS with parcel numbers however there were no additional attributes. (2007 parcels)

Source: Tom Burke from the Lake-Sumter MPO obtained parcel attribute data

- dissolved parcels based on parcel number (PIN)

Source: Socio-Economic data produced for FDOT (Letita Neal) was used to locate some mobile home parks

- any parks not in the SE data that were in the table provided by ECFRPC were then located and added

Volusia County GIS Data Information

Volusia County MPO

<http://www.volusiacountympo.com/>

Volusia County Government Website

<http://volusia.org/>

Volusia County Property Appraiser

<http://volusia.org/property/>

Source: ECFRPC provided parcel data with attributes (2007 parcels)

- dissolved parcels based on parcel number (PID)

Source: ECFRPC provided a lodging shapefile for Volusia County (from Al Hill of the Volusia County GIS Department) - this was used to locate Hotels/Motels/Timeshares not in the table provided by ECFRPC

Appendix C: Developments of Regional Impact

COUNTY	DRI	ID Number
Brevard	Brevard Crossings	233
Brevard	Interchange Parcel	75
Brevard	Vector Space	71
Brevard	Viera	94
Flagler	Aliki Gold Coast	223
Flagler	Bulow Plantation	171
Flagler	Grand Haven	81
Flagler	Hammock Dunes	78
Flagler	Matanzas Shores	79
Flagler	Palm Coast Park	191
Flagler	Town Center at Palm Coast	185
Lake	Cagan Crossings FQD	132
Lake	Greater Lakes PUD	117
Lake	Harbor Hills	164
Lake	HILLS OF MINNEOLA	186
Lake	I.M.G. Development	272
Lake	Lost Lake Reserve	149
Lake	Plaza Collina	228
Lake	Secret Promise	269
Lake	Sugarloaf Mountain	159
Marion	Cala Hills	83
Marion	Cold Springs Villages FQD	142
Marion	Heathbrook	151
Marion	Ocala Municipal Airport	84
Marion	On Top of the World	129
Marion	Paddock Park	86
Marion	Spruce Creek Country Club FQD	150
Marion	Stonecrest	122
Marion	Village of Rainbow Springs	87
Orange	Airport Lakes	30
Orange	Avalon Park	124
Orange	Beltway Commerce Center	77
Orange	Boggy Creek	196
Orange	Bonnet Creek Resort	237
Orange	Buena Vista West Hotel	111
Orange	Center of Commerce at Orlando	42
Orange	Central Florida Research Park	38
Orange	Corporate Park	227
Orange	Crowntree Lakes	39
Orange	Downtown Orlando	115
Orange	Eagle Creek	182
Orange	Electro-Optics Test Site	52
Orange	Florida Hospital Orlando	50
Orange	Florida Mall	4
Orange	Gateway Center	109
Orange	Ginn Property	183
Orange	Granada	239
Orange	High Point of Orlando	177
Orange	Holiday Inn Lake Buena Vista	114
Orange	Hunter's Creek	13
Orange	ILH Interchange Center	70

COUNTY	DRI	ID Number
Orange	Innovation Place	268
Orange	International Corporate Park	54
Orange	Interstate 4 Plaza	127
Orange	Jaymont	113
Orange	Lake Bryan	118
Orange	Lake Lotta Center	96
Orange	Lake Nona	11
Orange	Lake Vista Village	133
Orange	Lakepointe Eastern Access Road	216
Orange	Lee Vista Center	14
Orange	Little Lake Bryan	141
Orange	Maitland Concourse	55
Orange	Maitland Promenade	152
Orange	Meadow Woods	8
Orange	Metro West	10
Orange	Millenia	144
Orange	Nadeen Tanmore	108
Orange	One Orlando Centre	217
Orange	Orange County Regional Service Center	248
Orange	Orange Lake Country Club	125
Orange	Orlando Arena	49
Orange	Orlando Corporate Center	33
Orange	Orlando International Center	261
Orange	Orlando Regional Healthcare	154
Orange	Princeton Park	35
Orange	Quadrangle	41
Orange	Semoran Commercenter	24
Orange	Sierra Land	88
Orange	Southchase	31
Orange	Southland Executive Park	51
Orange	Southmark Center	92
Orange	Spring Rise	123
Orange	The Summit	22
Orange	Ventura/Briar Bay	5
Orange	Vinings at Cypress Point	148
Orange	Vista Center	131
Orange	Winter Garden Village at Fowler Groves	214
Orange	Woodland Lakes	220
Orange	World Gateway	90
Osceola	Bella Lago	187
Osceola	Bella Tara	266
Osceola	Celebration	138
Osceola	Center Lake Ranch	277
Osceola	Champions Gate	174
Osceola	Edgewater	240
Osceola	Fallchase	53
Osceola	Fantasy Heights	180
Osceola	Flora Ridge	161
Osceola	Formosa Gardens	97
Osceola	Fountainhead	140
Osceola	Friar's Cove	281

COUNTY	DRI	ID Number
Osceola	Gateway Commons	130
Osceola	Green Island	264
Osceola	Harmony FQD	137
Osceola	Lakeside Estates	57
Osceola	Landmark Sun Resort & Spa	274
Osceola	Legacy Resort	37
Osceola	Lindfields	36
Osceola	Little England	221
Osceola	Mariner's Cove	267
Osceola	Osceola Corporate Center	103
Osceola	Osceola Square Mall	45
Osceola	Parkway/Park Equus	18
Osceola	Puente Romano Resort	279
Osceola	Remington	110
Osceola	Reunion Resort & Club of Orlando	46
Osceola	Rolling Oaks	176
Osceola	Star Island Resort	189
Osceola	Stoneybrook South	213
Osceola	Sundance	273
Osceola	The Oaks	32
Osceola	The Palms	120
Osceola	Toho Development	255
Osceola	TOHOQUA	2007-017
Osceola	Tranquility	275
Osceola	Westgate	163
Osceola	Westlake Cove	262
Osceola	Westside	184
Osceola	Xenorida	136
Polk	Carpenter's Home	1981-015
Polk	Eagle Ridge	1990-021
Polk	Lakeland Central Park	2006-014
Polk	Oak Hill Estates	1990-031
Polk	Oakbridge	1986-040
Polk	Old Florida Plantation	1997-002
Polk	Polk Commerce Centre	1997-017
Polk	Ridgewood Lakes	1985-042
Polk	River Ranch	1991-003
Polk	Victor Posner City Center	1986-042
Polk	Williams	2000-011
Polk	Winterset	1985-012
Seminole	Altamonte Springs Downtown	229
Seminole	Chase Groves	44
Seminole	Colonial Center Heathrow	40
Seminole	Crescent/Gateway	2
Seminole	Flea World	48
Seminole	Florida Hospital Altamonte	56
Seminole	Heathrow	7
Seminole	Heathrow Town Center	104
Seminole	Hidden Harbour Marina	20
Seminole	International Parkway Business Center PDA	193
Seminole	Lake Forest	25

COUNTY	DRI	ID Number
Seminole	Lake Mary Shopping Center	43
Seminole	New Century Park	153
Seminole	North Point	27
Seminole	Orlando Sanford Airport	168
Seminole	Oviedo Marketplace	95
Seminole	Oviedo Properties	1974-069
Seminole	The Plantation	241
Seminole	Primera	21
Seminole	Sanlando Center Office Park	23
Seminole	Seminole Towne Center	219
Seminole	SweetWater	257
Seminole	The Landing	19
Seminole	Timacuan	26
Seminole	Twin Rivers	28
Seminole	West Town Center	47
Sumter	Renaissance Trails	270
Sumter	Villages of Sumter	101
Sumter	Wildwood Springs	278
Volusia	Halifax Plantation	258
Volusia	Hunter's Ridge	67
Volusia	I-4/SR472 Activity Center	188
Volusia	LPGA	146
Volusia	National Gardens	66
Volusia	Ormond Crossings	238
Volusia	Restoration	271
Volusia	Victoria Park	172

Appendix D: ECFRPC Generalized Future Land Use Definitions

Generalized Future Land Use Categories Definition. (GEN_FLU)

- RH - High Density Residential - Residential development where the maximum allowable density exceeds approximately 12 units per acre *
- RM - Medium Density Residential - Residential development up to approximately 12 units per acre, but generally greater than that allowed in the Low Density Residential category *
- RL - Low Density Residential - Residential development up to approximately 5 units per acre, but greater than that allowed in the Very Low Density Residential category *
- RVL - Very Low Density Residential - Residential development of less than two units per acre, but greater than that allowed in the Rural Residential category *
- RR - Rural Residential - Residential development not to exceed one unit for every two acres *
- AG - Agricultural - Land specifically designated as Agricultural in the comprehensive plan. May include silvicultural uses in some cases.
- REC - Recreation / Open Space
- CONS - Conservation - Includes any Wetlands categories.
- INST - Institutional
- IND - Industrial
- OFF - Office
- COM - Commercial
- LOD - Hotel / Motel / Timeshare - Most Future Land Use Maps do not include these uses. Includes RV parks if in separate category.
- PD - Planned Development
- FED - Military / Federal - Federal lands in unincorporated Brevard County encompassing Kennedy Space Center, Cape Canaveral Air Force Station, and the Merritt Island National Wildlife Refuge
- MU - Mixed Use
- WAT - Water Body - Not all Future Land Use Maps include water as a category. In these cases, water bodies include a land use for an adjacent use.
- UNK - Unknown - Information not available

* Residential classifications should be determined individually for each local government to ensure the best fit with the generalized categories. For example, if City X has categories for 1 - 3 units per acre, 3+ - 9 units per acre, and 9+ - 15 units per acre, these would be classified as Low Density Residential, Medium Density Residential, and High Density Residential. If City Y has categories for 1 - 2.5 units per acre, 2.5+ - 6 units per acre, and 6+ - 14 units per acre, these would be classified as Low Density Residential, Low Density Residential, and Medium Density Residential - there would be no High Density Residential for this city.

Note: Roads do not appear as a land use on the generalized Future Land Use Map. Users may need to overlay water, wetlands, and or right-of-way layers for certain uses such as calculating developable land.

Appendix E: DOR Code to Zdata Crosswalk Tables

Brevard County DOR Codes to Zdata Categories

CODE	DESC	ZDATA	REGIONAL CLASSIFICATION	GENERAL CLASSIFICATION
7	R-VACANT RESIDENTIAL LAND - MULTI FAMILY PLATTED	MF	RESIDENTIAL	VACANT RESIDENTIAL
8	R-VACANT MULTI-FAMILY UNPLATTED LESS THAN 5 ACRES	MF	RESIDENTIAL	VACANT RESIDENTIAL
9	R-VACANT SINGLE FAMILY UNPLATTED LESS THAN 5 ACRES	SF	RESIDENTIAL	VACANT RESIDENTIAL
10	R-VACANT RESIDENTIAL LAND - SINGLE FAMILY PLATTED	SF	RESIDENTIAL	VACANT RESIDENTIAL
20	R-VACANT MOBILE HOME SITE - PLATTED	MH	RESIDENTIAL	VACANT MOBILE HOME
21	R-VACANT MOBILE HOME SITE - UNPLATTED	MH	RESIDENTIAL	VACANT MOBILE HOME
33	R-VACANT RESIDENTIAL COMMON AREA	NA	RESIDENTIAL	VACANT RESIDENTIAL
40	C-VACANT CONDOMINIUM UNIT - LAND	MF	RESIDENTIAL	VACANT RESIDENTIAL
41	R-CONDOMINIUM UNIT WITH UTILITIES	MF	RESIDENTIAL	MULTI FAMILY
50	R-VACANT CO-OP LAND	MF	RESIDENTIAL	VACANT RESIDENTIAL
51	R-VACANT CO-OP WITH UTILITIES	MF	RESIDENTIAL	VACANT RESIDENTIAL
110	R-SINGLE FAMILY RESIDENCE	SF	RESIDENTIAL	SINGLE FAMILY
113	R-SINGLE FAMILY - MODULAR	SF	RESIDENTIAL	SINGLE FAMILY
121	R-1/2 DUPLEX USED AS SFR	MF	RESIDENTIAL	SINGLE FAMILY
132	R-RESIDENTIAL RELATED AMENITIES	SF	RESIDENTIAL	SINGLE FAMILY
133	R-IMPROVED RESIDENTIAL COMMON AREA	NA	RESIDENTIAL	SINGLE FAMILY
135	R-TOWNHOUSE	SF	RESIDENTIAL	SINGLE FAMILY
164	R-RESIDENTIAL IMPROVEMENT NOT SUITABLE FOR OCCUPANCY	SF	RESIDENTIAL	SINGLE FAMILY
212	M-MANUFACTURED HOUSING-SINGLE	MH	RESIDENTIAL	MOBILE HOME
213	M-MANUFACTURED HOUSING-DOUBLE	MH	RESIDENTIAL	MOBILE HOME
214	M-MANUFACTURED HOUSING-TRIPLE	MH	RESIDENTIAL	MOBILE HOME
232	R-RESIDENTIAL RELATED AMENITY ON MANUFACTURED HOUSING	MH	RESIDENTIAL	MOBILE HOME
237	R-MANUFACTURED HOUSING RENTAL LOT W/IMPROVEMENT	MH	RESIDENTIAL	MOBILE HOME
238	R-MANUFACTURED HOUSING RENTAL LOT WITH IMPROVEMENT	MH	RESIDENTIAL	MOBILE HOME
239	R-MANUFACTURED HOUSING RENTAL LOT WITHOUT IMPROVEMENT	MH	RESIDENTIAL	MOBILE HOME
264	M-MANUFACTURED HOME NOT SUITABLE FOR OCCUPANCY	MH	RESIDENTIAL	MOBILE HOME
351	C-GARDEN APARTMENTS - 1 STORY - 10 TO 49 UNITS	MF	RESIDENTIAL	MULTI FAMILY
352	C-GARDEN APARTMENTS - 1 STORY - 50 UNITS AND UP	MF	RESIDENTIAL	MULTI FAMILY
353	C-LOW RISE APARTMENTS- 10 TO 49 UNITS- 2 OR 3 STORIES	MF	RESIDENTIAL	MULTI FAMILY
354	C-LOW RISE APARTMENTS- 50 UNITS AND UP- 2 OR 3 STORIES	MF	RESIDENTIAL	MULTI FAMILY
355	C-HIGH RISE APARTMENTS- 4 STORIES AND UP	MF	RESIDENTIAL	MULTI FAMILY
356	C-TOWNHOUSE APARTMENTS	MF	RESIDENTIAL	MULTI FAMILY
414	R-CONDOMINIUM UNIT	MF	RESIDENTIAL	MULTI FAMILY
421	R-TIME SHARE CONDO	HMT	RESIDENTIAL	MULTI FAMILY
422	R-CONDOMINIUM - MANUFACTURED HOME PARK	MH	RESIDENTIAL	MULTI FAMILY
430	R-CONDOMINIUM - RESIDENTIAL UNIT USED IN CONJUNCTION WITH	MF	RESIDENTIAL	MULTI FAMILY
432	R-CONDOMINIUM-TRANSFERABLE LIMITED COMMON ELEMENTS	MF	RESIDENTIAL	MULTI FAMILY
433	R-IMPROVED CONDOMINIUM COMMON AREA	NA	RESIDENTIAL	MULTI FAMILY
437	R-CONDO MANUFACTURED HOUSING RENTAL LOT W/IMPROVEMENT	MH	RESIDENTIAL	MULTI FAMILY
438	R-CONDOMINIUM - IMPROVED WITH NO MANUFACTURED HOUSING	MF	RESIDENTIAL	MULTI FAMILY
441	R-CONDOMINIUM UNIT WITH SITE IMPROVEMENTS	MF	RESIDENTIAL	MULTI FAMILY
464	R-CONDOMINIUM NOT SUITABLE FOR OCCUPANCY	MF	RESIDENTIAL	MULTI FAMILY
465	R-CONDOMINIUM - MISCELLANEOUS (NOT COVERED BY OTHER CODE)	MF	RESIDENTIAL	MULTI FAMILY
514	R-COOPERATIVE	MF	RESIDENTIAL	MULTI FAMILY
522	R-CO-OP MANUFACTURED HOME - IMPROVED	MH	RESIDENTIAL	MULTI FAMILY
537	R-CO-OP MANUFACTURED HOUSING RENTAL LOT W/IMPROVEMENT	MH	RESIDENTIAL	MULTI FAMILY
538	R-CO-OP IMPROVED (WITHOUT MANUFACTURED HOME)	MF	RESIDENTIAL	MULTI FAMILY
541	M-CO-OP WITH SITE IMPROVEMENTS	MF	RESIDENTIAL	MULTI FAMILY
564	R-CO-OP NOT SUITABLE FOR OCCUPANCY	MF	RESIDENTIAL	MULTI FAMILY
616	C-RETIREMENT HOME	MF	RESIDENTIAL	MULTI FAMILY
700	C-MIGRANT CAMPS, BOARDING HOMES, ETC	MF	RESIDENTIAL	MULTI FAMILY
719	C-BED AND BREAKFAST	HMT	HMT	HMT
815	R-HOUSE AND IMPROVEMENT NOT SUITABLE FOR OCCUPANCY	MF	RESIDENTIAL	MULTI FAMILY
817	R-HOUSE AND MOBILE HOME	MH	RESIDENTIAL	MOBILE HOME
818	R-TWO OR THREE MOBILE HOMES, NOT A PARK	MH	RESIDENTIAL	MOBILE HOME
819	RC-TWO RESIDENTIAL UNITS - NOT ATTACHED	MF	RESIDENTIAL	MULTI FAMILY
820	C-DUPLEX	MF	RESIDENTIAL	MULTI FAMILY
830	C-TRIPLEX	MF	RESIDENTIAL	MULTI FAMILY
834	R-TWO OR MORE TOWNHOUSES	MF	RESIDENTIAL	MULTI FAMILY
837	R-TWO OR MORE MANUFACTURED HOUSING RENTAL LOTS	MH	RESIDENTIAL	MOBILE HOMES
838	R-TWO OR MORE MANUFACTURED HOUSING RENTAL LOTS	MH	RESIDENTIAL	MOBILE HOMES
839	R-THREE OR FOUR LIVING UNITS - NOT ATTACHED	MF	RESIDENTIAL	MULTI FAMILY
840	C-QUADRUPLEX	MF	RESIDENTIAL	MULTI FAMILY
850	C-MULTIPLE LIVING UNITS (5 TO 9 UNITS)	MF	RESIDENTIAL	MULTI FAMILY
859	C-MULTIPLE LIVING UNITS (5 TO 9 UNITS)-NOT ATTACHED	MF	RESIDENTIAL	MULTI FAMILY
864	C-MULTI-FAMILY IMPROVEMENT NOT SUITABLE FOR OCCUPANCY	MF	RESIDENTIAL	MULTI FAMILY
1000	C-VACANT COMMERCIAL LAND	C	COMMERCIAL	VACANT COMMERCIAL
1033	C-VACANT COMMERCIAL COMMON AREA	NA	COMMERCIAL	VACANT COMMERCIAL
1100	C-RETAIL STORE- 1 UNIT	C	COMMERCIAL	COMMERCIAL
1104	C-CONDOMINIUM - STORE	C	COMMERCIAL	COMMERCIAL
1105	C-RETAIL DRUGSTORE - NOT ATTACHED	C	COMMERCIAL	COMMERCIAL
1110	C-RETAIL STORE - MULTIPLE UNITS	C	COMMERCIAL	COMMERCIAL
1125	C-CONVENIENCE STORE	C	COMMERCIAL	COMMERCIAL
1130	C-CONVENIENCE STORE WITH GAS PUMP	C	COMMERCIAL	COMMERCIAL
1138	C-RETAIL- SHELL BUILDING	C	COMMERCIAL	COMMERCIAL
1150	C-WAREHOUSE DISCOUNT STORE	C	COMMERCIAL	COMMERCIAL
1204	C-COMMERCIAL SHELL BLDG (CONDO)	C	COMMERCIAL	COMMERCIAL
1210	C-MIXED USE- COMMERCIAL PROPERTY	C	COMMERCIAL	MIXED USE

Brevard County DOR Codes to Zdata Categories

CODE	DESC	ZDATA	REGIONAL CLASSIFICATION	GENERAL CLASSIFICATION
1222	C-COMMERCIAL RELATED AMENITIES	C	COMMERCIAL	COMMERCIAL
1233	C-IMPROVED COMMERCIAL COMMON AREA	NA	COMMERCIAL	COMMERCIAL
1238	C-COMMERCIAL SHELL BLDG (OTHER)	C	COMMERCIAL	COMMERCIAL
1264	C-COMMERCIAL IMPROVEMENT NOT SUITABLE FOR OCCU	C	COMMERCIAL	COMMERCIAL
1300	C-DEPARTMENT STORE	C	COMMERCIAL	COMMERCIAL
1400	C-SUPERMARKET	C	COMMERCIAL	COMMERCIAL
1500	C-REGIONAL SHOPPING MALL	C	COMMERCIAL	COMMERCIAL
1600	C-SHOPPING COMPLEX - COMMUNITY/ NEIGHBORHOOD	C	COMMERCIAL	COMMERCIAL
1610	C-SHOPPING CENTER - NEIGHBORHOOD	C	COMMERCIAL	COMMERCIAL
1700	C-OFFICE BUILDING- SINGLE TENANT- 1 STORY	S	COMMERCIAL	OFFICE
1704	C-CONDOMINIUM OFFICE UNIT	S	COMMERCIAL	OFFICE
1710	C-OFFICE BUILDING- MULTI TENANT- 1 STORY	S	COMMERCIAL	OFFICE
1738	C-OFFICE- SHELL BUILDING	S	COMMERCIAL	OFFICE
1800	C-OFFICE BUILDING- SINGLE TENANT- 2 OR MORE STORIE	S	COMMERCIAL	OFFICE
1810	C-OFFICE BUILDING- MULTI TENANT- 2 OR MORE STORIES	S	COMMERCIAL	OFFICE
1900	C-PROFESSIONAL BUILDING- SINGLE TENANT- 1 STORY	S	COMMERCIAL	OFFICE
1910	C-PROFESSIONAL BUILDING- MULTI TENANT- 1 STORY	S	COMMERCIAL	OFFICE
1920	C-PROFESSIONAL BUILDING- SINGLE TENANT- 2 OR MORE	S	COMMERCIAL	OFFICE
1930	C-PROFESSIONAL BUILDING- MULTI TENANT- 2 OR MORE	S	COMMERCIAL	OFFICE
1940	C-PROFESSIONAL/OFFICE COMPLEX	S	COMMERCIAL	OFFICE
1950	C-DAY CARE CENTER	C	COMMERCIAL	COMMERCIAL
1960	C-RADIO OR TV STATION	C	COMMERCIAL	COMMERCIAL
2000	C-AIRPORTS - PRIVATE	C	COMMERCIAL	COMMERCIAL
2010	C-AIRPORTS - COMMERCIAL	C	COMMERCIAL	COMMERCIAL
2015	C-MARINAS	C	COMMERCIAL	COMMERCIAL
2100	C-RESTAURANT / CAFETERIA	C	COMMERCIAL	COMMERCIAL
2104	C-CONDOMINIUM-RESTAURANT	C	COMMERCIAL	COMMERCIAL
2110	C-FAST FOOD RESTAURANT	C	COMMERCIAL	COMMERCIAL
2300	C-FINANCIAL INSTITUTION	S	COMMERCIAL	OFFICE
2310	C-FINANCIAL INSTITUTION - BRANCH FACILITY	S	COMMERCIAL	OFFICE
2400	C-INSURANCE CO. - OFFICE	S	COMMERCIAL	OFFICE
2500	C-SERVICE SHOP, RADIO & T.V. REPAIR, REFRIGERATION	C	COMMERCIAL	COMMERCIAL
2600	C-SERVICE STATION	C	COMMERCIAL	COMMERCIAL
2700	C-DEALERSHIP SALES / SERVICE CENTER	C	COMMERCIAL	COMMERCIAL
2710	C-GARAGE / AUTO-BODY /AUTO PAINT SHOP	C	COMMERCIAL	COMMERCIAL
2720	C-CAR WASH	C	COMMERCIAL	COMMERCIAL
2730	C-USED AUTOMOBILE SALES	C	COMMERCIAL	COMMERCIAL
2800	C-PARKING LOT - COMMERCIAL	C	COMMERCIAL	COMMERCIAL
2810	C-PARKING LOT - PATRON	C	COMMERCIAL	COMMERCIAL
2890	C-MANUF. HOUSING PARK - 4 TO 9 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2891	C-MANUF. HOUSING PARK - 10 TO 25 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2892	C-MANUF. HOUSING PARK - 26 TO 50 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2893	C-MANUF. HOUSING PARK - 51 TO 100 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2894	C-MANUF. HOUSING PARK - 101 TO 150 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2895	C-MANUF. HOUSING PARK - 151 TO 200 SPACES RENTALS	MH	COMMERCIAL	MOBILE HOME PARK
2896	C-MANUF. HOUSING PARK - 201 & MORE SPACES RENTAL	MH	COMMERCIAL	MOBILE HOME PARK
2900	C-WHOLESALE OUTLET	C	COMMERCIAL	COMMERCIAL
2910	C-PRODUCE HOUSE	C	COMMERCIAL	COMMERCIAL
3000	C-FLORIST	C	COMMERCIAL	COMMERCIAL
3010	C-GREENHOUSE	C	COMMERCIAL	COMMERCIAL
3020	C-NURSERY (NON-AGRIC. CLASSIFICATION)	C	COMMERCIAL	COMMERCIAL
3030	C-HORSE STABLES	C	COMMERCIAL	COMMERCIAL
3040	C-DOG KENNEL	C	COMMERCIAL	COMMERCIAL
3100	C-THEATRE (DRIVE-IN)	C	COMMERCIAL	COMMERCIAL
3120	C-STADIUM (NOT ENCLOSED)	C	COMMERCIAL	COMMERCIAL
3200	C-AUDITORIUM (ENCLOSED)	C	COMMERCIAL	COMMERCIAL
3210	C-THEATRE (ENCLOSED)	C	COMMERCIAL	COMMERCIAL
3220	C-RECREATION HALL	C	COMMERCIAL	COMMERCIAL
3230	C-FITNESS CENTER	C	COMMERCIAL	COMMERCIAL
3300	C-NIGHT CLUBS, COCKTAIL LOUNGES, BARS	C	COMMERCIAL	COMMERCIAL
3400	C-BOWLING ALLEYS, SKATING RINKS, AND POOL HALLS	C	COMMERCIAL	COMMERCIAL
3430	C-ARENA (ENCLOSED)	C	COMMERCIAL	COMMERCIAL
3440	C-ARENA (OPEN AIR) WITH SUPPORTING FACILITIES	C	COMMERCIAL	COMMERCIAL
3450	C-FLEA MARKET	C	COMMERCIAL	COMMERCIAL
3500	C-TOURIST ATTRACTION	C	COMMERCIAL	COMMERCIAL
3510	C-PERMANENT EXHIBIT	C	COMMERCIAL	COMMERCIAL
3600	C-CAMP (OTHER THAN FOR MOBILE HOMES)	C	COMMERCIAL	PARKS AND REC
3610	C-CAMPGROUND (TRAILERS, CAMPERS & TENTS)	C	COMMERCIAL	PARKS AND REC
3693	C-LABOR CAMP	C	COMMERCIAL	COMMERCIAL
3700	C-RACE TRACK / WAGERING ATTRACTION	C	COMMERCIAL	COMMERCIAL
3710	C-CORRECTIONAL FACILITY	C	COMMERCIAL	COMMERCIAL
3720	C-POSTAL FACILITY	S	COMMERCIAL	COMMERCIAL
3800	C-GOLF COURSE	GLF	COMMERCIAL	PARKS AND REC
3810	C-DRIVING RANGE	GLF	COMMERCIAL	COMMERCIAL
3820	C-COUNTRY CLUB / SUPPORT FACILITIES	C	COMMERCIAL	COMMERCIAL
3900	C-MOTOR INN	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3910	C-LIMITED SERVICE HOTEL	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3920	C-FULL SERVICE HOTEL	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE

Brevard County DOR Codes to Zdata Categories

CODE	DESC	ZDATA	REGIONAL CLASSIFICATION	GENERAL CLASSIFICATION
3930	C-EXTENDED STAY OR SUITE HOTEL	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3940	C-LUXURY HOTEL/RESORT	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3950	C-CONVENTION HOTEL/RESORT	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3970	C-MOTEL	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
3972	C-MOTEL - WITH RESTAURANT	HMT	COMMERCIAL	HOTEL/MOTEL/TIMESHARE
4000	C-VACANT INDUSTRIAL LAND	I	INDUSTRIAL	VACANT INDUSTRIAL
4100	C-LIGHT MANUFACTURING, SMALL EQUIPT. MFG. PLANTS, S	I	INDUSTRIAL	INDUSTRIAL
4200	C-HEAVY INDUSTRIAL, HEAVY EQUIPMENT MFG., LARGE M	I	INDUSTRIAL	INDUSTRIAL
4300	C-LUMBER YARD, SAWMILL, PLANING MILL	I	INDUSTRIAL	INDUSTRIAL
4400	C-PACKING PLANT, FRUIT & VEGETABLE PACKING PLANT,	I	INDUSTRIAL	INDUSTRIAL
4500	C-CANNERIES, FRUIT & VEGETABLE, BOTTLERS & BREWE	I	INDUSTRIAL	INDUSTRIAL
4600	C-OTHER FOOD PROCESSING, CANDY FACTORIES, BAKER	I	INDUSTRIAL	INDUSTRIAL
4700	C-MINERAL PROCESSING, PHOSPHATE PROCESSING REF	I	INDUSTRIAL	INDUSTRIAL
4710	C-CONCRETE / ASPHALT PLANT	I	INDUSTRIAL	INDUSTRIAL
4800	C-WAREHOUSING, DISTRIBUTION, TERMINAL, TRUCKING T	I	INDUSTRIAL	INDUSTRIAL
4804	C-CONDOMINIUM - WAREHOUSING	I	INDUSTRIAL	CONDO
4810	C-MINI-WAREHOUSING	I	INDUSTRIAL	INDUSTRIAL
4830	C-WAREHOUSE - FLEX SPACE	I	INDUSTRIAL	MIXED USE
4900	C-OPEN STORAGE, NEW AND USED BUILDING SUPPLIES, J	I	INDUSTRIAL	INDUSTRIAL
5100	C-VACANT CROPLAND - SOIL CAPABILITY CLASS I	AG	AGRICULTURE	VACANT AGRICULTURE
5110	R-CROPLAND - SOIL CAPABILITY CLASS I WITH RESIDEN	AG	AGRICULTURE	CROPLAND
5120	C-CROPLAND - SOIL CAPABILITY CLASS I WITH BUILDINGS	AG	AGRICULTURE	CROPLAND
5200	C-VACANT CROPLAND - SOIL CAPABILITY CLASS II	AG	AGRICULTURE	VACANT AGRICULTURE
5210	R-CROPLAND - SOIL CAPABILITY CLASS II WITH RESIDEN	AG	AGRICULTURE	CROPLAND
5220	C-CROPLAND - SOIL CAPABILITY CLASS II WITH BUILDINGS	AG	AGRICULTURE	CROPLAND
5300	C-VACANT CROPLAND - SOIL CAPABILITY CLASS III	AG	AGRICULTURE	VACANT AGRICULTURE
5310	R-CROPLAND - SOIL CAPABILITY CLASS III WITH RESIDEN	AG	AGRICULTURE	CROPLAND
5320	C-CROPLAND - SOIL CAPABILITY CLASS III WITH BUILDING	AG	AGRICULTURE	CROPLAND
5400	C-VACANT TIMBERLAND-SLASH PINE INDEX 90 AND ABOVE	AG	AGRICULTURE	VACANT AGRICULTURE
5410	C-TIMBERLAND-SLASH PINE INDEX 90 & ABOVE WITH IMPR	AG	AGRICULTURE	TIMBERLAND
5500	C-VACANT TIMBERLAND-SLASH PINE INDEX 80 TO 89	AG	AGRICULTURE	VACANT AGRICULTURE
5510	C-TIMBERLAND-SLASH PINE INDEX 80 TO 89 WITH IMPROV	AG	AGRICULTURE	TIMBERLAND
5600	C-VACANT TIMBERLAND-SLASH PINE INDEX 70 TO 79	AG	AGRICULTURE	VACANT AGRICULTURE
5610	C-TIMBERLAND-SLASH PINE INDEX 70 TO 79 WITH IMPROV	AG	AGRICULTURE	TIMBERLAND
5700	C-VACANT TIMBERLAND-SLASH PINE INDEX 60 TO 69	AG	AGRICULTURE	VACANT AGRICULTURE
5710	C-TIMBERLAND-SLASH PINE INDEX 60 TO 69 WITH IMPROV	AG	AGRICULTURE	TIMBERLAND
5800	C-VACANT TIMBERLAND-SLASH PINE INDEX 50 TO 59	AG	AGRICULTURE	VACANT AGRICULTURE
5810	C-TIMBERLAND-SLASH PINE INDEX 50 TO 59 WITH IMPROV	AG	AGRICULTURE	TIMBERLAND
5900	C-VACANT TIMBERLAND-NOT CLASSIFIED BY SITE INDEX	AG	AGRICULTURE	VACANT AGRICULTURE
5910	C-TIMBERLAND-NOT CLASSIFIED BY SITE INDEX WITH IMP	AG	AGRICULTURE	TIMBERLAND
6000	C-VACANT GRAZING LAND - SOIL CAPABILITY CLASS I	AG	AGRICULTURE	VACANT AGRICULTURE
6010	R-GRAZING LAND - SOIL CAPABILITY CLASS I WITH RESID	AG	AGRICULTURE	GRAZING LAND
6020	C-GRAZING LAND - SOIL CAPABILITY CLASS I WITH BUILD	AG	AGRICULTURE	GRAZING LAND
6100	C-VACANT GRAZING LAND - SOIL CAPABILITY CLASS II	AG	AGRICULTURE	VACANT AGRICULTURE
6110	R-GRAZING LAND - SOIL CAPABILITY CLASS II WITH RESID	AG	AGRICULTURE	GRAZING LAND
6120	C-GRAZING LAND - SOIL CAPABILITY CLASS II WITH BUILD	AG	AGRICULTURE	GRAZING LAND
6200	C-VACANT GRAZING LAND - SOIL CAPABILITY CLASS III	AG	AGRICULTURE	VACANT AGRICULTURE
6210	R-GRAZING LAND - SOIL CAPABILITY CLASS III WITH RESID	AG	AGRICULTURE	GRAZING LAND
6220	C-GRAZING LAND - SOIL CAPABILITY CLASS III WITH BUILD	AG	AGRICULTURE	GRAZING LAND
6300	C-VACANT GRAZING LAND - SOIL CAPABILITY CLASS IV	AG	AGRICULTURE	VACANT AGRICULTURE
6310	R-GRAZING LAND - SOIL CAPABILITY CLASS IV WITH RESID	AG	AGRICULTURE	GRAZING LAND
6320	C-GRAZING LAND - SOIL CAPABILITY CLASS IV WITH BUILD	AG	AGRICULTURE	GRAZING LAND
6400	C-VACANT GRAZING LAND-SOIL CAPABILITY CLASS V	AG	AGRICULTURE	VACANT AGRICULTURE
6410	R-GRAZING LAND-SOIL CAPABILITY CLASS V WITH RESID	AG	AGRICULTURE	GRAZING LAND
6420	C-GRAZING LAND-SOIL CAPABILITY CLASS V WITH BUILD	AG	AGRICULTURE	GRAZING LAND
6500	C-VACANT GRAZING LAND-SOIL CAPABILITY CLASS VI	AG	AGRICULTURE	VACANT AGRICULTURE
6510	R-GRAZING LAND-SOIL CAPABILITY CLASS VI WITH RESID	AG	AGRICULTURE	GRAZING LAND
6520	C-SOIL CAPABILITY CLASS VI WITH BUILDINGS OTHER THA	AG	AGRICULTURE	OTHER AGRICULTURE
6600	C-VACANT ORCHARD GROVES-ALL GROVES	AG	AGRICULTURE	VACANT AGRICULTURE
6610	R-ORCHARD GROVES-ALL GROVES WITH RESIDENCE	AG	AGRICULTURE	GROVES
6620	C-ORCHARD GROVES-ALL GROVES WITH BUILDINGS OTH	AG	AGRICULTURE	GROVES
6630	C-VACANT ORCHARD GROVES-PART GROVE AND PART NOT	AG	AGRICULTURE	VACANT AGRICULTURE
6640	R-ORCHARD GROVES-PART GROVE AND PART NOT PLANT	AG	AGRICULTURE	GROVES
6650	C-ORCHARD GROVES-PART GROVE AND PART NOT PLANT	AG	AGRICULTURE	GROVES
6660	C-VACANT COMBINATION-PART ORCHARD GROVES AND F	AG	AGRICULTURE	VACANT AGRICULTURE
6670	C-COMBINATION-PART ORCHARD GROVES AND PART PAS	AG	AGRICULTURE	GROVES
6680	R-COMBINATION-PART ORCHARD GROVES AND PART PAS	AG	AGRICULTURE	GROVES
6690	C-VACANT MIXED TROPICAL FRUITS	AG	AGRICULTURE	VACANT AGRICULTURE
6691	R-MIXED TROPICAL FRUITS WITH RESIDENCE	AG	AGRICULTURE	GROVES
6692	C-MIXED TROPICAL FRUITS WITH BUILDING OTHER THAN	AG	AGRICULTURE	GROVES
6700	C-POULTRY FARMS	AG	AGRICULTURE	OTHER AGRICULTURE
6710	C-RABBIT FARMS	AG	AGRICULTURE	OTHER AGRICULTURE
6720	C-TROPICAL FISH FARMS	AG	AGRICULTURE	OTHER AGRICULTURE
6730	C-BEES (HONEY) FARMS	AG	AGRICULTURE	OTHER AGRICULTURE
6800	C-DAIRIES-WITH BUILDINGS OTHER THAN RESIDENCE	AG	AGRICULTURE	OTHER AGRICULTURE
6810	C-DAIRIES-WITH RESIDENCE	AG	AGRICULTURE	OTHER AGRICULTURE
6820	C-VACANT FEED LOTS	AG	AGRICULTURE	VACANT AGRICULTURE
6900	C-VACANT NURSERY-	AG	AGRICULTURE	VACANT AGRICULTURE

Brevard County DOR Codes to Zdata Categories

CODE	DESC	ZDATA	REGIONAL CLASSIFICATION	GENERAL CLASSIFICATION
6910	C-NURSERY-S WITH RESIDENCE	AG	AGRICULTURE	OTHER AGRICULTURE
6920	C-NURSERY-S WITH BUILDINGS OTHER THAN RESIDENCE	AG	AGRICULTURE	OTHER AGRICULTURE
7000	C-VACANT LAND - INSTITUTIONAL	INST	INSTITUTIONAL	VACANT INSTITUTIONAL
7100	C-CHURCH	INST	INSTITUTIONAL	INSTITUTIONAL
7200	C-SCHOOL -PRIVATE	EDU	INSTITUTIONAL	EDUCATIONAL
7210	C-SCHOOL -PRIVATE-CHURCH OWNED	EDU	INSTITUTIONAL	EDUCATIONAL
7211	C-CHURCH OWNED EDUCATIONAL BUILDING	INST	INSTITUTIONAL	EDUCATIONAL
7220	C-COLLEGE -PRIVATE	EDU	INSTITUTIONAL	EDUCATIONAL
7230	C-FRATERNITY OR SORORITY HOME	MF	INSTITUTIONAL	EDUCATIONAL
7300	C-HOSPITAL -GENERAL-PRIVATELY OWNED	S	INSTITUTIONAL	INSTITUTIONAL
7310	C-CLINIC	S	INSTITUTIONAL	INSTITUTIONAL
7400	C-HOME FOR THE AGED	MF	INSTITUTIONAL	INSTITUTIONAL
7500	C-ASSISTED CARE LIVING FACILITY	MF	INSTITUTIONAL	INSTITUTIONAL
7510	C-CHILDRENS HOME	MF	INSTITUTIONAL	INSTITUTIONAL
7600	C-MORTUARY	C	INSTITUTIONAL	INSTITUTIONAL
7610	C-CEMETERY	C	INSTITUTIONAL	INSTITUTIONAL
7620	C-CREMATORIUM	C	INSTITUTIONAL	INSTITUTIONAL
7700	C-CLUBS, LODGES, AND UNION HALLS	C	INSTITUTIONAL	INSTITUTIONAL
7800	C-GYMNASIUM	C	INSTITUTIONAL	INSTITUTIONAL
7810	C-FIRE STATION	S	INSTITUTIONAL	INSTITUTIONAL
7841	C-CONVALESCENT HOME (NURSING HOME)	MF	INSTITUTIONAL	INSTITUTIONAL
8100	C-VACANT MILITARY- LAND	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8110	C-MILITARY-IMPROVED LAND	INST	GOVERNMENTAL	GOVERNMENTAL
8200	C-VACANT FOREST PARK	INST	GOVERNMENTAL	PARKS AND REC
8210	C-VACANT RECREATIONAL AREA (GOVERNMENTAL)	INST	GOVERNMENTAL	PARKS AND REC
8300	C-SCHOOL -PUBLIC-IMPROVED PARCELS	EDU	GOVERNMENTAL	EDUCATIONAL
8310	C-VACANT SCHOOL -PUBLIC- PARCELS	EDU	GOVERNMENTAL	VACANT GOVERNMENTAL
8400	C-COLLEGE	EDU	GOVERNMENTAL	EDUCATIONAL
8500	C-HOSPITAL	S	GOVERNMENTAL	INSTITUTIONAL
8600	C-VACANT COUNTY OWNED LAND- (THAT DOES NOT QUALIF	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8610	C-COUNTY OWNED LAND-IMPROVED (THAT DOES NOT QU	INST	GOVERNMENTAL	GOVERNMENTAL
8620	C-UTILITY DIVISION PROPERTIES	INST	GOVERNMENTAL	UTILITY
8630	C-VACANT BREVARD COUNTY-AGENCIES OTHER THAN BC	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8640	C-BREVARD COUNTY-AGENCIES OTHER THAN BOARD OF	INST	GOVERNMENTAL	GOVERNMENTAL
8650	C-VACANT HOUSING AUTHORITY -	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8660	C-HOUSING AUTHORITY -IMPROVED	INST	GOVERNMENTAL	GOVERNMENTAL
8670	C-VACANT CANAVERAL PORT AUTHORITY -	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8680	C-CANAVERAL PORT AUTHORITY - IMPROVED	INST	GOVERNMENTAL	GOVERNMENTAL
8700	C-VACANT STATE OWNED LAND- (THAT DOES NOT QUALIF	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8710	C-STATE OWNED LAND-IMPROVED (THAT DOES NOT QUALIF	INST	GOVERNMENTAL	GOVERNMENTAL
8800	C-VACANT FEDERAL OWNED LAND- (THAT DOES NOT QU	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8810	C-FEDERAL OWNED LAND-IMPROVED (THAT DOES NOT QU	INST	GOVERNMENTAL	GOVERNMENTAL
8900	C-VACANT MUNICIPAL OWNED LAND- (THAT DOES NOT QU	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8910	C-MUNICIPAL OWNED LAND-IMPROVED (THAT DOES NOT	INST	GOVERNMENTAL	GOVERNMENTAL
8920	C-VACANT MELBOURNE AIRPORT AUTHORITY-	INST	GOVERNMENTAL	VACANT GOVERNMENTAL
8930	C-MELBOURNE AIRPORT AUTHORITY-IMPROVED	INST	GOVERNMENTAL	GOVERNMENTAL
9000	C-VACANT LEASED COUNTY/CITY PROPERTY-	INST	MISCELLANEOUS	VACANT MISCELLANEOUS
9010	C-LEASED COUNTY/CITY PROPERTY-IMPROVED	INST	MISCELLANEOUS	MISCELLANEOUS
9100	C-UTILITY-GAS COMPANIES-IMPROVED	INST	MISCELLANEOUS	UTILITY
9105	C-LOCALLY ASSESSED RAILROAD PROPERTY	INST	MISCELLANEOUS	UTILITY
9110	C-VACANT UTILITY-GAS COMPANIES-	INST	MISCELLANEOUS	VACANT MISCELLANEOUS
9120	C-UTILITY-ELECTRIC CO'S. IMPROVED	INST	MISCELLANEOUS	UTILITY
9130	C-VACANT UTILITY-ELECTRIC CO'S.	INST	MISCELLANEOUS	VACANT MISCELLANEOUS
9140	C-UTILITY-TEL & TEL-IMPROVED	INST	MISCELLANEOUS	UTILITY
9150	C-VACANT UTILITY-TEL & TEL-	INST	MISCELLANEOUS	VACANT MISCELLANEOUS
9170	R-WATER & SEWER SERVICE	INST	MISCELLANEOUS	UTILITY
9180	C-PIPE LINE	INST	MISCELLANEOUS	UTILITY
9190	C-CANAL	INST	MISCELLANEOUS	UTILITY
9300	R-VACANT SUBSURFACE RIGHTS	INST	MISCELLANEOUS	WATER
9400	C-RIGHT OF WAY STREET, ROAD, ETC - PUBLIC	INST	MISCELLANEOUS	RIGHT-OF-WAY, STREETS
9410	RC-RIGHT OF WAY STREET, ROAD, ETC - PRIVATE	INST	MISCELLANEOUS	RIGHT-OF-WAY, STREETS
9465	C-IMPROVEMENT NOT SUITABLE TO ANY OTHER CODE	INST	MISCELLANEOUS	MISCELLANEOUS
9499	C-ASSESSMENT ARREARS	INST	MISCELLANEOUS	MISCELLANEOUS
9500	C-RIVERS AND LAKES	NA	MISCELLANEOUS	WATER
9510	C-SUBMERGED LANDS	NA	MISCELLANEOUS	WATER
9600	C-WASTE LAND	NA	MISCELLANEOUS	MISCELLANEOUS
9610	C-VACANT MARSH	NA	MISCELLANEOUS	VACANT MISCELLANEOUS
9620	C-VACANT SAND DUNE	NA	MISCELLANEOUS	VACANT MISCELLANEOUS
9630	C-SWAMP	NA	MISCELLANEOUS	MISCELLANEOUS
9700	C-VACANT RECREATIONAL OR PARK LANDS	NA	MISCELLANEOUS	PARKS AND REC
9800	C-CENTRALLY ASSESSED	NA	CENTRALLY ASSESSED	CENTRALLY ASSESSED
9900	C-VACANT ALL ACREAGE-OTHER THAN GOVERNMENT OW	NA	NON-AGRICULTURAL ACREAGE	VACANT NON-AG ACREAGE
9908	R-VACANT RESIDENTIAL LAND MULTI-FAMILY UNPLATTED	MF	NON-AGRICULTURAL ACREAGE	VACANT RESIDENTIAL
9909	R-VACANT RESIDENTIAL LAND-SINGLE FAMILY UNPLATTED	SF	NON-AGRICULTURAL ACREAGE	VACANT NON-AG ACREAGE
9910	C-VACANT SITE APPROVED FOR CELLULAR TOWER	NA	NON-AGRICULTURAL ACREAGE	VACANT NON-AG ACREAGE
9920	C-VACANT AGRICULTURAL ZONED LAND (NOT IN USE)	NA	NON-AGRICULTURAL ACREAGE	VACANT NON-AG ACREAGE
9930	C-VACANT SITE APPROVED FOR BILLBOARD	NA	NON-AGRICULTURAL ACREAGE	VACANT NON-AG ACREAGE
9990	R-NON TAXABLE CONDOMINIUM COMMON AREA	NA	NON-AGRICULTURAL ACREAGE	NON-AGRICULTURAL ACREAGE

Lake County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
S	Unclassified	NA
0	Vacant Residential	SF
1	Single Family	SF
2	Mobile Home	MH
3	Multi-Family (>=10 units)	MF
4	Condominium	MF
8	Multi-Family (<10 units)	MF
10	Vacant Commercial	C
11	Stores (one story)	C
12	Mixed use	C
13	Department Stores	C
14	Supermarkets	C
15	Regional Shopping Centers	C
16	Community Shopping Centers	C
17	Office Buildings, one story, non professional	S
18	Office Buildings, multi story, non professional	S
19	Professional Service Building	S
20	Public Transportation Facilities	C
21	Restaurants, cafeterias	C
22	Drive in Restaurants	C
23	Financial Institutions	S
24	Insurance Company Offices	S
25	Repair Service Shops (excluding auto)	C
26	Service Stations	C
27	Auto sales, repair, rental, etc	C
28	Parking Lots, mobile home parks	MHP
29	wholesale and manufacturing outlets, produce ho	C
30	Florists, greenhouses	C
32	Enclosed Theatres/Auditoriums	C
33	Nightclubs, bars, cocktail lounges	C
34	Bowling alleys, ice rinks, pool halls, enclosed	C
35	Tourist attractions	C
36	Camps	C
38	Golf courses, driving ranges	GLF
39	hotels, motels	HMT
40	Vacant Industrial	I
41	Light manufacturing	I
42	Heavy Industrial	I
43	Lumber yards, sawmills, planing mills	I
44	Packing Plants	I
45	Canneries, bottlers and brewers, wineries	I
46	Other food processing	I
47	Mineral processing	I
48	Warehousing and Distribution terminals	I
49	Open Storage, auto wreckers, fuel storage	I
50	Improved Agriculture	AG
51	Cropland soil capability Class I	AG
52	Cropland soil capability Class II	AG
53	Cropland soil capability Class III	AG
54	Timberland-site index 90 & above	AG

Lake County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
55	Timberland-site index 80-89	AG
56	Timberland-site index70-79	AG
57	Timberland-site index 60-69	AG
62	Grazing land soil capability Class III	AG
63	Grazing land soil capability Class IV	AG
64	Grazing land soil capability Class V	AG
65	Grazing land soil capability Class VI	AG
66	Orchard Groves, Citrus, etc	AG
67	Poultry, bees, tropical fish, rabbits, etc	AG
68	Dairies, feed lots	AG
69	Ornamentals, miscellaneous agricultural	AG
70	Vacant Institutional	INS
71	Churches	INS
72	Private Schools and colleges	EDU
73	Privately Owned Hospitals	S
74	Homes for the aged	MF
75	Orphanages, other non profit/charitable service	MF
76	Mortuaries, cemeteries, crematoriums	C
77	Clubs, Lodges, union halls	C
78	Sanitariums, convalescent and rest homes	MF
82	Forest, parks, recreational areas	NA
83	Public county schools	EDU
84	College	EDU
85	Hospitals	S
86	Counties including non-municipal governments	INS
87	State, other than military, property	INS
88	Federal, other than military, property	INS
89	Municipal, other than parks, property	INS
91	Utility	INS
92	Mining Lands	I
93	Subsurface Rights	I
94	Right of Ways, streets	NA
96	sewage disposal, waste lands, swamps, sand dune	NA
97	Outdoor recreational or parkland, or highwater	NA
99	Acreage not zoned agricultural	NA

Marion County DOR Codes to Zdata Categories

PCCODE	DESCRIPTION	ZDATA
N	NA	NA
00	SAME	SF
01	SINGLE FAMILY	SF
02	MOBILE HOME	MH
03	MULTI-FAMILY (10 OR MORE PER UNIT)	MF
04	CONDOMINIUM	MF
05	COOPERATIVES	MF
06	RETIREMENT HOME - TAXABLE	MF
07	MISCELLANEOUS - RESIDENTIAL	MF
08	MULTI-FAMILY (9 OR FEWER UNITS)	MF
10	COMMERCIAL - VACANT	C
11	STORE - 1 STORY	C
12	COMMERCIAL/RESIDENTIAL - MIXED	C
13	DEPARTMENT STORE	C
14	SUPERMARKET	C
15	REGIONAL SHOPPING CENTE	C
16	COMMUNITY SHOPPING CENTER	C
17	SINGLE STORY OFFICE / NON-PROFESSIONAL SERVICE BUILDINGS	S
18	MULTI-STORY OFFICE	S
19	PROFESSIONAL BUILDING	S
20	TERMINAL-AIR/BUS/TRAIN/MARINE	C
21	RESTAURANT/CAFETERIA	C
22	RESTAURANT - DRIVE-IN	C
23	FINANCIAL INSTITUTION	S
24	INSURANCE OFFICE	S
25	SERVICE SHOP	C
26	SERVICE STATION	C
27	VEHICLE SALES & REPAIR	C
28	PARKING GARAGE	C
29	WHOLESALE OUTLET	C
30	FLORIST/GREENHOUSE	C
31	DRIVE-IN THEATER/OPEN STADIUM	C
32	ENCLOSED THEATER/AUDITORIUM	C
33	NIGHTCLUB/BARS	C
34	BOWLING ALLEY/ARENA	C
35	TOURIST EXHIBIT	C
36	CAMPGROUNDS	C
37	RACE TRACKS - AUTO/DOG/HORSE	C
38	GOLF COURSE	GLF
39	HOTEL/MOTEL	HMT
40	VACANT INDUSTRIAL	I
41	LIGHT MANUFACTURING	I
42	HEAVY MANUFACTURING	I
43	LUMBER YARD/SAW MILL	I
44	PACKING PLANT	I
45	CANNERY/BOTTLER	I
46	FOOD PROCESSING	I
47	MINERAL PROCESSING	I
48	WAREHOUSE - DISTRIBUTION	I
49	STORAGE - JUNKYARD	I

Marion County DOR Codes to Zdata Categories

PCCODE	DESCRIPTION	ZDATA
50	OTHER AGRICULTURE	AG
51	CROPLAND	AG
52	CROPLAND	AG
53	CROPLAND	AG
54	TIMBERLAND	AG
55	TIMBERLAND	AG
56	TIMBERLAND	AG
57	TIMBERLAND	AG
58	TIMBERLAND	AG
59	OTHER AGRICULTURE	AG
60	OTHER AGRICULTURE	AG
61	GRAZING LAND	AG
62	GRAZING LAND	AG
63	GRAZING LAND	AG
64	OTHER AGRICULTURE	AG
65	OTHER AGRICULTURE	AG
66	CITRUS GROVE/ORCHARD	AG
67	MISC. ANIMALS - POULTRY, FISH, BEES, RABBIT, ETC.	AG
68	OTHER AGRICULTURE	AG
69	OTHER AGRICULTURE	AG
70	VACANT - INSTITUTIONAL	INS
71	IMPROVED - CHURCH	INS
72	SCHOOL - PRIVATE	EDU
73	HOSPITAL - PRIVATE	S
74	RETIREMENT HOME - EXEMPT	MF
75	CHARITABLE SERVICES / ORPHANAGE	MF
76	DEATH SERVICES - MORTUARIES, CEMETERIES, CREMATORIA	C
77	LODGE/UNION HALL	C
78	REST HOME	MF
79	CULTURAL ORGANIZATIONS	INS
81	MILITARY	INS
82	FOREST/PARK/RECREATIONAL	NA
83	SCHOOL - PUBLIC	EDU
84	COLLEGE - PUBLIC	EDU
85	HOSPITAL - PUBLIC	S
86	COUNTY PROPERTY	INS
87	STATE PROPERTY	INS
88	FEDERAL PROPERTY	INS
89	MUNICIPAL PROPERTY	INS
90	LEASE INTEREST	INS
91	UTILITIES	INS
92	MINING	I
93	SUBSURFACE RIGHTS	I
94	RIGHT-OF-WAY	NA
95	RIVER/LAKE/SUBMERGED	NA
96	SEWAGE/WASTE/BARROW	NA
97	RECREATIONAL USE	NA
98	CENTRALLY ASSESSED	NA
99	ACREAGE - NON-CLASSIFIED.	NA

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
0000	VACANT - RESIDENTIAL	SF
0001	VACANT - RESIDENTIAL	SF
0003	VACANT - MULTI-FAMILY	SF
0019	VACANT - RESIDENTIAL - HOMEOWNERS ASSOCIATION	SF
0030	VACANT - WATER	SF
0031	VACANT - CANAL	SF
0035	VACANT - LAKE VIEW	SF
0040	VACANT - GOLF COURSE	SF
0100	SINGLE FAMILY RESIDENTIAL	SF
0101	SINGLE FAMILY RESIDENTIAL	SF
0102	SINGLE FAMILY RESIDENTIAL CLASS II	SF
0103	SINGLE FAMILY RESIDENTIAL CLASS III	SF
0104	SINGLE FAMILY RESIDENTIAL CLASS IV	SF
0105	SINGLE FAMILY RESIDENTIAL CLASS V	SF
0110	SINGLE FAMILY RESIDENTIAL - RURAL	SF
0119	HOMEOWNERS ASSOCIATION - IMPROVED	SF
0120	SINGLE FAMILY RESIDENTIAL - TOWNHOUSE	SF
0121	SINGLE FAMILY RESIDENTIAL - TOWNHOUSE CLASS II	SF
0130	SINGLE FAMILY RESIDENTIAL - WATER	SF
0131	SINGLE FAMILY RESIDENTIAL - CANAL FRONT	SF
0135	SINGLE FAMILY RESIDENTIAL - LAKE VIEW	SF
0140	SINGLE FAMILY RESIDENTIAL - GOLF	SF
0150	SINGLE FAMILY RESIDENTIAL - TOWNHOUSE	SF
0151	TOWNHOUSE	SF
0154	TOWNHOUSE CLASS 2	SF
0175	ROOMING HOUSE	MF
0194	SINGLE FAMILY	SF
0195	SINGLE FAMILY CLASS 3	SF
0196	SINGLE FAMILY CLASS 4	SF
0197	SINGLE FAMILY CLASS 5	SF
0200	MANUFACTURED HOME	MH
0201	MANUFACTURED HOME	MH
0202	MANUFACTURED HOME	MH
0210	MANUFACTURED HOME	MH
0220	MOBILE HOME	MH
0230	MOBILE HOME	MH
0240	MOBILE HOME	MH
0299	MOBILE HOME PARK	MHP
0300	MULTI-FAMILY	MF
0301	APARTMENT - LOW INCOME HOUSING TAX CREDIT	MF
0310	MODERN APARTMENT COMPLEX	MF
0400	CONDOMINIUM - RESIDENTIAL	MF
0401	CONDOMINIUM - SINGLE FAMILY RESIDENCE	SF
0410	CONDOMINIUM - PROFESSIONAL OFFICE BUILDING	S
0411	CONDOMINIUM - OFFICE BUILDING-RETAIL	S
0412	CONDOMINIUM - OFFICE BUILDING	S
0417	CONDOMINIUM - OFFICE BUILDING 1-3 STORY	S
0419	CONDOMINIUM - PROFESSIONAL OFFICE BUILDING (ARCHITECTURAL DESIGN)	S
0420	CONDOMINIUM - MEDICAL BUILDING	S
0421	CONDOMINIUM - RESTAURANT	C
0430	CONDOMINIUM - TIME SHARE	HMT
0439	CONDOMINIUM - HOTEL/MOTEL	HMT
0440	CONDOMINIUM - DISTRIBUTION WAREHOUSE	I
0448	CONDOMINIUM - WAREHOUSE	I
0450	CONDOMINIUM - MOBILE HOME	MH
0494	CONDOMINIUM - SINGLE FAMILY RESIDENCE CLASS 2	SF
0499	CONDOMINIUM ASSOCIATION	S
0500	COOPERATIVES	MF
0550	COOPERATIVES - MOBILE HOME	MH

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
0600	RETIREMENT HOMES	MF
0610	NURSING HOME	MF
0700	MISCELLANEOUS - RESIDENTIAL	MF
0800	MULTI-FAMILY	MF
0801	MULTI-FAMILY 1 UNIT	MF
0802	MULTI-FAMILY 2 UNIT	MF
0803	MULTI-FAMILY 3 UNIT	MF
0804	MULTI-FAMILY 4 UNIT	MF
0805	MULTI-FAMILY 5-10 UNIT	MF
0811	1 UNIT OF DUPLEX	MF
0812	DUPLEX	MF
0813	TRIPLEX	MF
0814	QUADRAPLEX	MF
0821	CLASS II DUPLEX 1 UT	MF
0822	CLASS II DUPLEX	MF
0823	CLASS II TRIPLEX	MF
0824	CLASS II QUADRAPLEX	MF
0830	MULTI-FAMILY	MF
0890	MULTI-FAMILY	MF
0891	MULTI-FAMILY CLS II	MF
0892	MULTI-FAMILY CLS II	MF
0893	MULTI-FAMILY CLS II	MF
0894	MULTI-FAMILY CLS II	MF
0895	MULTI-FAMILY CLS II	MF
0900	ROOM HOUSE	MF
1000	VACANT COMMERCIAL	C
1003	VACANT MULTI-FAMILY (10 UNITS OR MORE)	MF
1100	STORE - 1 STORY	C
1110	CONVENIENCE STORE	C
1119	IMPROVED COMMERCIAL ASSOCIATION	C
1200	STORE/OFFICE/RESIDENTIAL	C
1300	DEPARTMENT STORES	C
1400	SUPERMARKET	C
1500	REGIONAL SHOPPING	C
1600	COMMUNITY SHOPPING	C
1700	OFFICE BUILDINGS	S
1800	MULTI-STORY OFFICE	S
1900	PROFESSIONAL BUILDING	S
1910	PROFESSIONAL CHILD CARE CENTER	S
2000	AIRPORT - COMMERCIAL	I
2010	TRANSIT TERMINALS	C
2100	RESTAURANT/CAFE	C
2200	RESTAURANT CHAIN	C
2300	FINANCIAL BUILDING/BANK	S
2400	INSURANCE COMPANY	S
2500	FLEX SPACE	C
2600	SERVICE STATION	C
2700	VEHICLE SALE	C
2710	VEHICLE SERVICE BLDG	C
2720	TIRE DEALER	C
2730	LUBE FACILITY	C
2740	VEHICLE REPAIR	C
2800	PARKING/SERVICE GARAGE	C
2801	MANUFACTURED HOME PARK	MH
2900	WHOLESALE OUTLET	C
3000	FLORIST/GREENHOUSE	C
3100	DRIVE-IN/OPEN STADIUM	C
3200	THEATER/AUDITORIUM	C
3300	NIGHTCLUB/BARS	C

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
3400	RECREATIONAL BUILDING	C
3500	TOURIST ATTRACTION	C
3505	TOURIST ATTRACTION	C
3506	TOURIST ATTRACTION	C
3507	TOURIST ATTRACTION	C
3508	TOURIST ATTRACTION	C
3510	TOURIST ATTRACTION	C
3511	TOURIST ATTRACTION	C
3520	TOURIST ATTRACTION	C
3525	TOURIST ATTRACTION	C
3575	TOURIST ATTRACTION	C
3600	CAMPS	C
3700	RACE TRACKS	C
3800	GOLF COURSE	GLF
3900	MOTEL	HMT
3905	HOTEL EXTENDED STAY	HMT
3910	HOTEL LIMITED SERVICES	HMT
3920	HOTEL FULL SERVICE	HMT
3925	HOTEL LUXURY	HMT
3930	CONVENTION CENTER	HMT
4000	VACANT INDUSTRIAL	I
4100	LIGHT MANUFACTURING	I
4110	CLASS A MANUFATURING	I
4200	HEAVY MANUFACTURING	I
4210	CLASS A HEAVY INDUSTRY	I
4300	LUMBER YARDS	I
4400	PACKING PLANTS	I
4500	BOTTLERS	I
4600	FOOD PROCESSING	I
4610	FOOD PROCESSING FREEZER	I
4700	MINERAL PROCESSING	I
4800	WAREHOUSING	I
4810	DISTRIBUTION WAREHOUSE	I
4820	MINI WAREHOUSE	I
4830	TRUCK TERMINAL	I
4840	SALES WAREHOUSES	I
4900	OPEN STORAGE	I
5000	IMPROVED AGRICULTURE	AG
5001	AGRICULTURAL OPERATIONS SITE	AG
5100	CROPLAND CLASS I - MUCK	AG
5200	CROPLAND CLASS II - ROW CROPS	AG
5300	CROPLAND CLASS III	AG
5400	TIMBERLAND - SITE INDEX 90 AND ABOVE	AG
5410	TIMBERLAND CLASS I - SLASH PINE/NATURAL/WESTERN SANDY RIDGE	AG
5411	TIMBERLAND CLASS I - SLASH PINE/NATURAL/EASTERN FLATWOODS	AG
5420	TIMBERLAND CLASS I - SLASH PINE/PLANTED/WESTERN SANDY RIDGE	AG
5421	TIMBERLAND CLASS I - SLASH PINE/PLANTED/EASTERN FLATWOODS	AG
5430	TIMBERLAND CLASS I - MIXED PINE/HARDWOOD	AG
5440	TIMBERLAND CLASS I - UPLAND HARDWOOD HAMMOCK	AG
5500	TIMBER 2	AG
5600	TIMBER 3	AG
5700	TIMBER 4	AG
5800	TIMBER 5	AG
5900	TIMBERLAND	AG
6000	GRAZING LAND 1	AG
6100	GRAZING LAND - IMPROVED PASTURE	AG
6101	GRAZING LAND - IMPROVED PASTURE/HAY PRODUCTION	AG
6200	GRAZING LAND - SEMI IMPROVED PASTURE	AG
6300	GRAZING LAND - NATIVE PASTURE	AG

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
6400	GRAZING LAND 5	AG
6500	GRAZING LAND 6	AG
6555	AGRICULTURE LAND	AG
6600	ORCHARD/GROVE - MISC. ORCHARD FRUITS	AG
6610	ORANGE GROVE - 00 TO 10 YEAR EFFECTIVE AGE - NEWLY PLANTED/JUST ABOVE NEWLY PLANT	AG
6611	ORANGE GROVE - 11 TO 15 YEAR EFFECTIVE AGE - STARTING TO PRODUCE	AG
6612	ORANGE GROVE - 16 TO 20 YEAR EFFECTIVE AGE ù PRODUCING ECONOMICALLY	AG
6613	ORANGE GROVE - 21 TO 25 YEAR EFFECTIVE AGE - PRODUCING AT HIGHEST LEVEL	AG
6614	ORANGE GROVE - 26 TO 30 YEAR EFFECTIVE AGE - PRODUCING WELL	AG
6615	ORANGE GROVE - 31 TO 35 YEAR EFFECTIVE AGE - STARTING TO DECLINE	AG
6616	ORANGE GROVE - 36 TO 40 YEAR EFFECTIVE AGE ù BECOMING UNECONOMICAL	AG
6617	ORANGE GROVE - 41 AND OVER - REACHED THE END OF ITS ECONOMIC LIFE	AG
6620	GRAPEFRUIT GROVE - 00 TO 10 YEAR EFFECTIVE AGE - NEWLY PLANTED/JUST ABOVE NEWLY PLANT	AG
6621	GRAPEFRUIT GROVE - 11 TO 15 YEAR EFFECTIVE AGE - STARTING TO PRODUCE	AG
6622	GRAPEFRUIT GROVE - 16 TO 20 YEAR EFFECTIVE AGE ù PRODUCING ECONOMICALLY	AG
6623	GRAPEFRUIT GROVE - 21 TO 25 YEAR EFFECTIVE AGE - PRODUCING AT HIGHEST LEVEL	AG
6624	GRAPEFRUIT GROVE - 26 TO 30 YEAR EFFECTIVE AGE - PRODUCING WELL	AG
6625	GRAPEFRUIT GROVE - 31 TO 35 YEAR EFFECTIVE AGE - STARTING TO DECLINE	AG
6626	GRAPEFRUIT GROVE - 36 TO 40 YEAR EFFECTIVE AGE ù BECOMING UNECONOMICAL	AG
6627	GRAPEFRUIT GROVE - 41 AND OVER - REACHED THE END OF ITS ECONOMIC LIFE	AG
6630	MIXED/SPECIAL GROVE - 00 TO 10 YEAR EFFECTIVE AGE - NEWLY PLANTED/JUST ABOVE NEWLY PLANT	AG
6631	MIXED/SPECIAL GROVE - 11 TO 15 YEAR EFFECTIVE AGE - STARTING TO PRODUCE	AG
6632	MIXED/SPECIAL GROVE - 16 TO 20 YEAR EFFECTIVE AGE - PRODUCING ECONOMICALLY	AG
6633	MIXED/SPECIAL GROVE - 21 TO 25 YEAR EFFECTIVE AGE - PRODUCING AT HIGHEST LEVEL	AG
6634	MIXED/SPECIAL GROVE - 26 TO 30 YEAR EFFECTIVE AGE - PRODUCING WELL	AG
6635	MIXED/SPECIAL GROVE - 31 TO 35 YEAR EFFECTIVE AGE - STARTING TO DECLINE	AG
6636	MIXED/SPECIAL GROVE - 36 TO 40 YEAR EFFECTIVE AGE - BECOMING UNECONOMICAL	AG
6637	MIXED/SPECIAL GROVE - 41 AND OVER - REACHED THE END OF ITS ECONOMIC LIFE	AG
6640	MIXED GROVES	AG
6641	MIXED GROVES	AG
6642	MIXED GROVES	AG
6643	MIXED GROVES	AG
6644	MIXED GROVES	AG
6645	MIXED GROVES	AG
6646	MIXED GROVES	AG
6699	CITRUS CANCKER GROVE	AG
6700	MISCELLANEOUS ANIMALS - GOATS	AG
6710	BEEES	AG
6716	MISCELLANEOUS FOWL - EMUS/OSTRICH/DUCK/ETC	AG
6730	APIARY/BEE YARD	AG
6800	DAIRY	AG
6801	HORSE FARM - BRED MARE OPERATION	AG
6900	ORNAMENTAL - LANDSCAPE PLANTS	AG
6910	FIELD NURSERY - IN GROUND - OPEN FIELD OR SHADED	AG
6917	FLORICULTURE - ANNUALS/PERENNIALS/FOILAGE PLANTS/ETC...	AG
6920	FERNERY - LEATHERLEAF/PLUMOSUS/SPRENGERI/OTHER	AG
6930	CONTAINER NURSERY - ABOVE GROUND - OPEN, SHADED, OR GREENHOUSE	AG
6940	MIXED CONTAINER/FIELD NURSERY	AG
6952	SOD - ST AUGUSTINE	AG
6953	SOD - BAHIAGRASS	AG
6980	HYDROPONICS	AG
6999	AGRICULTURAL WASTE	AG
7000	VACANT - INSTITUTIONAL	INS
7100	RELIGIOUS	INS
7200	SCHOOL - PRIVATE	EDU
7300	HOSPITAL - PRIVATE	S
7301	HOSPITAL - PRIVATE	S
7400	RETIREMENT COMMUNITY	MF
7500	CHARITABLE	MF

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
7600	MORTUARY	C
7610	CEMETERY	INS
7700	LODGE/UNION HALL	C
7710	BOAT HOUSE	C
7720	COUNTRY CLUB	C
7800	REST HOME	MF
7900	CULTURAL ORGANIZATIONS	INS
8000	????	NA
8100	MILITARY	INS
8200	FOREST, PARKS, RECREATIONAL AREAS (PUBLIC)	INS
8210	ST JOHNS WATER MANAGEMENT DISTRICT	INS
8286	COUNTY OWNED	INS
8287	STATE OWNED	INS
8288	FEDERAL OWNED	INS
8289	MUNICIPAL OWNED	INS
8300	SCHOOL	EDU
8400	COLLEGE	EDU
8500	HOSPITAL	S
8600	COUNTY (OTHER THAN PUBLIC SCHOOLS, COLLEGES, HOSPITALS) INCLUDING NON-MUNICIPAL	INS
8620	UTILITY, GAS, ELECTRICITY, COMMUNICATIONS, WATER & SEWER (PUBLIC)	INS
8630	CONSERVATION / WETLAND	INS
8640	MITIGATION	INS
8650	STORMWATER / RETENTION / DRAINAGE	INS
8660	LANDSCAPE / WALL BUFFER	INS
8670	RECREATION TRACTS: ACCESS, PEDESTRIAN, BIKE TRAILS	INS
8700	STATE (OTHER THAN MILITARY, FORESTS, PARKS, REC AREAS, HOSP, COLLEGES)	INS
8730	CONSERVATION / WETLAND	INS
8740	MITIGATION	INS
8750	STORMWATER / RETENTION / DRAINAGE	INS
8760	LANDSCAPE / WALL BUFFER	INS
8770	RECREATION TRACTS: ACCESS, PEDESTRIAN, BIKE TRAILS	INS
8800	FEDERAL	INS
8900	MUNICIPAL (OTHER THAN PARKS, REC AREAS, COLLEGES, HOSPITALS)	INS
8910	AIRPORT	I
8920	UTILITY, GAS, ELECTRICITY, COMMUNICATIONS, WATER & SEWER (PUBLIC)	I
8930	CONSERVATION / WALL BUFFER	I
8940	MITIGATION	I
8950	STORMWATER / RETENTION / DRAINAGE	I
8960	LANDSCAPE / WALL BUFFER	I
8970	RECREATION TRACTS: ACCESS, PEDESTRIAN, BIKE TRAILS	I
9000	LEASE INTEREST	S
9010	NO LAND INTEREST	INS
9100	UTILITY	S
9110	COMMUNICATION TOWER	S
9200	MINING	I
9300	SUBSURFACE	I
9400	RIGHT-OF-WAY	INS
9500	SUBMERGED	NA
9510	RIVER	NA
9520	LAKE	NA
9530	POND	NA
9540	BAY	NA
9600	WASTE LAND	NA
9610	MOVIE STUDIO	C
9700	RECREATIONAL PARK	NA
9710	HIGH WATER RECHARGE AREA	NA
9770	RECREATION TRACTS / ACCESS, PEDESTRIAN, BIKE TRAILS	NA
9780	HIATUS LAND PARCEL	NA
9800	CENTRAL ASSESSED	NA

Orange County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
9900	NON-AGRICULTURAL ACREAGE	NA
9910	MARKET VALUE AGRICULTURAL	NA
9912	BOAT HOUSE / LAKE ACCESS	NA
9915	SIGN SITES	NA
9920	UTILITY, GAS, ELECTRICITY, COMMUNICATIONS, WATER AND SEWER	NA
9925	BUFFER/CONSERVATION	NA
9930	CONSERVATION / WETLAND	NA
9940	MITIGATION	NA
9950	STORMWATER / RETENTION / DRAINAGE	NA
9960	LANDSCAPE / WALL BUFFER	NA
9990	FUTURE DEVELOPMENT	NA

Osceola County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
0001	VACANT	VAC
0011	VACANT-IMP	SF
0100	SINGLE FAMILY	SF
0101	SINGLE FAMILY-V	SF
0111	SINGLE FAMILY-IMP	SF
0211	MOBILE HME-IMP	SF
0300	MULTI-FAMILY 10 units or m	MF
0301	MULTI-FAMILY-VAC 10 units or more	MF
0311	MULTI-FAMILY-IMP 10 units or more	MF
0401	CONDOMINIUM-VAC	MF
0411	CONDOMINIUM-IMP	MF
0491	TIMESH/CNDO-IMP	HMT
0611	RETIREMENT HOMES-IMP	MF
0800	MULTI-FAMILY less than 10	MF
0811	MULTI-FAMILY-IMP less than 10 uni	MF
1000	VACANT COMMERCIAL	C
1001	VACANT COMMERC-VAC	C
1011	VACANT COMMERC-IMP	C
1111	STORES, 1 STORY-IMP	C
1121	STORES/PHARMACY	C
1200	STORE/OFFICE/RESID	C
1211	STORE/OFC/RESID	C
1241	STOR/OFC/RES/CONDO-I	C
1311	DEPT. STORES-IMP	C
1411	SUPERMARKET-IMP	C
1511	REGINL SHOPNG-IMP	C
1611	COMMUNITY SHOP-IMP	C
1711	OFFICE BLDG-IMP	S
1800	MULTI STORY OFFICE	S
1811	MULTI-STORY OFF-IMP	S
1911	PROFESS BLDG-IMP	S
1940	PROF OFC CONDO-VAC	S
1941	PROF OFC CONDO-IMP	S
2011	TRANSIT TERMNL-IMP	S
2111	RESTAURANT/CAFE-IMP	C
2211	DRIVE-IN REST-IMP	C
2311	FINANCIAL BLDG-IMP	S
2411	INSURANCE CO-IMP	S
2511	REPAIR SERV-IMP	C
2611	SERV STA-IMP	C
2701	VEH SALE/REPAIR-VAC	C
2711	VEH SALE/REPAIR-IMP	C
2801	PARKING/MH LOT-VAC	C
2811	PARKING/MH LOT-IMP	SF
2911	WHOLESALE OUTLET-IMP	C
3011	FLORIST/GREENHS-IMP	C
3211	THEATER AUDITOR-IMP	C
3311	NIGHTCLUB/BARS-IMP	C
3411	BOWL/SKATE/ARENA-IMP	C
3501	TOURIST ATTRACT-VAC	C

Osceola County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
3511	TOURIST ATTRACT-IMP	C
3611	CAMPS-IMP	C
3801	GOLF COURSES-VAC	GLF
3811	GOLF COURSES-IMP	GLF
3911	HOTELS & MOTELS-IMP	HMT
3941	HOTEL/MOTL CONDO-IMP	HMT
4001	VACANT IND-VAC	I
4011	VACANT IND-IMP	I
4100	LIGHT MANUFACTURE	I
4111	LIGHT MFG-IMP	I
4211	HEAVY MFG-IMP	I
4301	LUMBER YARD-VAC	I
4311	LUMBER YARD-IMP	I
4411	PACKING PLANTS-IMP	I
4611	OTHER FOOD PROC-IMP	I
4711	MINERAL PROC-IMP	I
4800	WAREHOUSE-STORAGE	I
4811	WAREHSE.STG-IMP	I
4820	WAREHS.FLEX-VAC	I
4821	WAREHS.FLEX-IMP	I
4831	WAREHS.MINI-IMP	I
4841	WAREHSE.CONDO-I	I
4911	OPEN STORAGE-IMP	I
5001	IMPROVED AG-VAC	AG
5011	IMPROVED AG-IMP	AG
5101	CROPLAND CLASS 1-VAC	AG
5111	CROPLAND CLASS 1-IMP	AG
5201	CROPLAND CLASS 2-VAC	AG
5211	CROPLAND CLASS 2-IMP	AG
5411	TIMBERLAND 90+ IMP	AG
5501	TIMBERLAND 80-90-VAC	AG
5511	TIMBERLAND 80-90-IMP	AG
5601	TIMBERLAND 70-79-VAC	AG
5611	TIMBERLAND 70-79-IMP	AG
5701	TIMBERLAND 60-69-VAC	AG
5901	TIMBERLND UNCLAS-VAC	AG
6001	PASTURELAND 1-VAC	AG
6011	PASTURELAND 1-IMP	AG
6111	PASTURELAND 2-IMP	AG
6501	PASTURELAND 6-VAC	AG
6601	ORCHARDS,GROVES-VAC	AG
6611	ORCHARDS,GROVES-IMP	AG
6701	PLTRY,BEES,FISH-VAC	AG
6711	PLTRY,BEES,FISH-IMP	AG
6901	ORNAMENTALS,MISC-VAC	AG
6911	ORNAMENTALS,MISC-IMP	AG
7001	VAC INSTITUT-VAC	INST
7101	CHURCHES-VAC	INST
7111	CHURCHES-IMP	INST
7121	CHURCH-DAYCARE-IMP	INST

Osceola County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
7211	PRIVATE SCHOOLS-IMP	EDU
7221	PRIV.SCH.DAYCARE-IMP	EDU
7311	PRIVATE HOSP-IMP	S
7401	HOMES FOR AGED-VAC	MF
7411	HOMES FOR AGED-IMP	MF
7501	NON-PROFIT SERV-VAC	MF
7511	NON-PROFIT SERV-IMP	MF
7601	MORTUARY/CEMETRY-VAC	S
7611	MORTUARY/CEMETRY-IMP	S
7701	CLUB/LODGE/HALL-VAC	C
7711	CLUB/LODGE/HALL-IMP	C
7911	CULTURAL GROUP-IMP	C
8201	FOREST/PARK/REC-VAC	INST
8211	FOREST/PARK/REC-IMP	INST
8301	PUBLIC SCH-VAC	EDU
8311	PUBLIC SCH-IMP	EDU
8411	COLLEGES-IMP	EDU
8511	HOSPITALS-IMP	S
8600	COUNTY	INST
8601	COUNTY-VAC	INST
8611	COUNTY-IMP	INST
8701	STATE-VAC	INST
8711	STATE-IMP	INST
8801	FEDERAL-VAC	INST
8811	FEDERAL-IMP	INST
8900	MUNICIPAL	INST
8901	MUNICIPAL-VAC	INST
8911	MUNICIPAL-IMP	INST
9011	LEASEHOLD INT-IMP	NA
9101	UTILITIES-VAC	INST
9111	UTILITIES-IMP	INST
9401	RIGHT OF WAY-VAC	INST
9501	RIVERS/LAKES-VAC	INST
9601	WASTELAND/DUMP-VAC	NA
9611	WASTELAND/DUMP-IMP	NA
9700	REC AND PARK LAND	INST
9701	REC/PARK LAND-VAC	INST
9711	REC/PARK LAND-IMP	INST
9801	CENTRAL ASSESSD-VAC	INST
9811	CENTRAL ASSESSD-IMP	INST
9901	NO AG ACREAGE-VAC	NA
9911	NO AG ACREAGE-IMP	NA

Seminole County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA	DOR USE
00	Vac_Res	SF	Residential - SF
01	Single_Family_Residence	SF	Residential - SF
02	Mobile_Home	SF	Mobile Home
03	MUL_Family	MF	Residential - MF
04	Condo	MF	Residential - MF
05	Cooperatives	MF	Residential - MF
06	Ret_Home	MF	Residential - MF
07	Misc_Res	SF	Residential - SF
08	MUL_Family	MF	Residential - MF
10	Vacant_Commercial	C	Comm ret/ser
11	Stores_Retail_Discount_Convenience	C	Comm ret/ser
12	Mixed_Used	C	Comm ret/ser
13	Dept_Stores	C	Comm ret/ser
14	Super_Mkt	C	Comm ret/ser
15	Shopping_Center_Regional	C	Comm ret/ser
16	Shopping_Center_Commercial_Neighborhood	C	Comm ret/ser
17	Office_Bld	S	Office
18	Office_Bld	S	Office
19	Professional_Building_Radio_TV_Stations	S	Office
20	Air_Marina	I	Industrial
21	Res_Cafeteria	C	Comm ret/ser
22	Drive_in_Rest	C	Comm ret/ser
23	Financial_Institution	S	Comm ret/ser
24	Insurance_Company	S	Office
25	Service_Shp	C	Comm ret/ser
26	Service_Gas_Convenience_Station	C	Comm ret/ser
27	Auto_Sales	C	Comm ret/ser
28	Mobile_Home_Parks	MF	Mobile Home
29	Wholesale_Outlet	C	Comm ret/ser
30	Florist	C	Comm ret/ser
31	Theatre_Dr	C	Comm ret/ser
32	Theatre_En	C	Comm ret/ser
33	Night_Club	C	Comm ret/ser
34	Recreation_Health_Exercise_Facility	C	Comm ret/ser
35	Tourist_Attraction	C	Comm ret/ser
36	Camp	C	Comm ret/ser
37	Race_Track	C	Comm ret/ser
38	Golf_Course	GLF	Golf Course
39	Hotel_Motel	HMT	Hotel
40	Vacant_Industrial_Park	I	Industrial
41	Light_Mfg	I	Industrial
42	Heavy_Industr	I	Industrial
43	Lumber_Yard	I	Industrial
44	Packing_Plant	I	Industrial
45	Canneries	I	Industrial
46	Other_Food	I	Industrial
47	Mineral_Pro	I	Industrial
48	Warehouse_Flex_Space	I	Industrial
49	Open_Storage	I	Industrial
50	Improved_Agr	AG	Agriculture
51	Cropland	AG	Agriculture
52	Cropland	AG	Agriculture
53	Cropland	AG	Agriculture

Seminole County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA	DOR USE
54	Timberland	AG	Agriculture
55	Timberland	AG	Agriculture
56	Timberland	AG	Agriculture
57	Timberland	AG	Agriculture
58	Timberland	AG	Agriculture
59	Timberland	AG	Agriculture
60	Grazing_Land	AG	Agriculture
61	Grazing_Land	AG	Agriculture
62	Grazing_Land	AG	Agriculture
63	Grazing_Land	AG	Agriculture
64	Grazing_Land	AG	Agriculture
65	Grazing_Land	AG	Agriculture
66	Orchard_Groves	AG	Agriculture
67	Misc_Agr	AG	Agriculture
68	Dairies	AG	Agriculture
69	Ornamentals_Retail_Nursery	AG	Agriculture
70	Vacant_Ins	INS	Public Institution
71	Churches	INS	Public Institution
72	School_Private	EDU	Educational
7201	Day_Care_Pre_Sch	S	Educational
73	Hosp_Priv	S	Comm ret/ser
74	Home_Aged_Nursing_Home_Retirement_Complex	MF	Residential - MF
75	Orphanages	MF	Residential - MF
76	Mortuaries	INS	Comm ret/ser
77	Clubs_Lodges	S	Comm ret/ser
78	Vol_Fire	INS	Public Institution
79	Cultural_Org	S	Public Institution
80	Unknown	NA	NA
81	Military	INS	Industrial
82	Forest_Park	AG	Agriculture
83	School_Public	EDU	Educational
84	College_Public	EDU	Educational
85	Hosp_Public	S	Comm ret/ser
86	County	INS	Public Institution
87	State_Other	INS	Public Institution
88	Federal	INS	Public Institution
89	Municipal	INS	Public Institution
90	Leasehold_Int	NA	Vacant
91	Utility	INS	Public Institution
92	Mining	I	Vacant
93	Petroleum	I	Industrial
94	Right_of_Way	INS	Public Institution
95	Rivers_Lakes	NA	Env Sensitive
96	Waste_Lands	NA	Env Sensitive
97	County_Owned_Park	INS	Public Institution
98	Centrally_Assessed	NA	Vacant
99	Acre_not_Agricultural	NA	Vacant
H.	Headings_on_roll	NA	NA
N.	Notes_on_roll	NA	NA

Sumter County DOR Codes to Zdata Categories

DOR	DESCRIPTION	ZDATA	DOR USE
N	Notes_on_roll	NA	NA
00	Vac_Res	SF	Residential - SF
01	Single_Family_Residence	SF	Residential - SF
02	Mobile_Home	MH	Mobile Home
03	MULTI-FAMILY >5 UNITS	MF	Residential - MF
04	RESIDENTIAL CONDOMINIUMS	MF	Residential - MF
05	Cooperatives	MF	Residential - MF
06	Ret_Home	MF	Residential - MF
07	M/F/R COMMUNITIES	MF	Residential - SF
08	MULTI FAMILY < 5 UNITS	MF	Residential - MF
10	Vacant_Commercial	C	Comm ret/ser
11	Stores_Retail_Discount_Convenience	C	Comm ret/ser
12	Mixed_Used	C	Comm ret/ser
13	Dept_Stores	C	Comm ret/ser
14	Super_Mkt	C	Comm ret/ser
15	Shopping_Center_Regional	C	Comm ret/ser
16	Shopping_Center_Commercial_Neighborhood	C	Comm ret/ser
17	Office_Bld	S	Office
18	Office_Bld	S	Office
19	Professional_Building_Radio_TV_Stations	S	Office
20	Air_Marina	I	Industrial
21	Res_Cafeteria	C	Comm ret/ser
22	Drive_in_Rest	C	Comm ret/ser
23	Financial_Institution	S	Comm ret/ser
24	Insurance_Company	S	Office
25	Service_Shp	C	Comm ret/ser
26	Service_Gas_Convenience_Station	C	Comm ret/ser
27	Auto_Sales	C	Comm ret/ser
28	Mobile_Home_Parks	MH	Mobile Home
29	Wholesale_Outlet	C	Comm ret/ser
30	Florist	C	Comm ret/ser
31	Theatre_Dr	C	Comm ret/ser
32	Theatre_En	C	Comm ret/ser
33	Night_Club	C	Comm ret/ser
34	Recreation_Health_Exercise_Facility	C	Comm ret/ser
35	Tourist_Attraction	C	Comm ret/ser
36	Camp	C	Comm ret/ser
37	Race_Track	C	Comm ret/ser
38	Golf_Course	GLF	Golf Course
39	Hotel_Motel	HMT	Hotel
40	Vacant_Industrial_Park	I	Industrial
41	Light_Mfg	I	Industrial
42	Heavy_Industr	I	Industrial
43	Lumber_Yard	I	Industrial
44	Packing_Plant	I	Industrial
45	Canneries	I	Industrial
46	Other_Food	I	Industrial
47	Mineral_Pro	I	Industrial
48	Warehouse_Flex_Space	I	Industrial
49	Open_Storage	I	Industrial

Sumter County DOR Codes to Zdata Categories

DOR	DESCRIPTION	ZDATA	DOR USE
50	AG IMPROVED RURAL HOMESITE	AG	Agriculture
51	Cropland	AG	Agriculture
52	Cropland	AG	Agriculture
53	Cropland	AG	Agriculture
54	Timberland	AG	Agriculture
55	Timberland	AG	Agriculture
56	Timberland	AG	Agriculture
57	Timberland	AG	Agriculture
58	Timberland	AG	Agriculture
59	Timberland	AG	Agriculture
60	Grazing_Land	AG	Agriculture
61	Grazing_Land	AG	Agriculture
62	Grazing_Land	AG	Agriculture
63	Grazing_Land	AG	Agriculture
64	Grazing_Land	AG	Agriculture
65	Grazing_Land	AG	Agriculture
66	Orchard_Groves	AG	Agriculture
67	Misc_Agr	AG	Agriculture
68	Dairies	AG	Agriculture
69	Ornamentals_Retail_Nursery	AG	Agriculture
70	Vacant_Ins	INS	Public Institution
71	Churches	INS	Public Institution
72	School_Private	EDU	Educational
73	Hosp_Priv	S	Comm ret/ser
74	Home_Aged_Nursing_Home_Retirement_Complex	MF	Residential - MF
75	Orphanages	MF	Residential - MF
76	Mortuaries	INS	Comm ret/ser
77	Clubs_Lodges	S	Comm ret/ser
78	Vol_Fire	INS	Public Institution
79	Cultural_Org	S	Public Institution
80	Unknown	NA	NA
81	Military	INS	Industrial
82	Forest_Park	AG	Agriculture
83	School_Public	EDU	Educational
84	College_Public	EDU	Educational
85	Hosp_Public	S	Comm ret/ser
86	County	INS	Public Institution
87	State_Other	INS	Public Institution
88	Federal	INS	Public Institution
89	Municipal	INS	Public Institution
90	Leasehold_Int	NA	Vacant
91	Utility	INS	Public Institution
92	Mining	I	Vacant
93	Petroleum	I	Industrial
94	Right_of_Way	INS	Public Institution
95	Rivers_Lakes	NA	Env Sensitive
96	Waste_Lands	NA	Env Sensitive
97	County_Owned_Park	INS	Public Institution
98	Centrally_Assessed	NA	Vacant
99	Acre_not_Agricultural	NA	Vacant

Volusia County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
N	NA	NA
00	Residential Vacant Land	SF
01	Residential Single Family	SF
02	Residential Mobile Homes	MH
03	Multi-Family More Than 5 Units	MF
04	Condominium/Timeshares	MF
05	Residential Co-Operatives	MF
06	Retirement Homes	MF
07	M/F/R Communities	MF
08	Multi-Family Less Than 5 Units	MF
09	Undefined	NA
10	Commercial Vacant Land	C
11	Stores, 1 Story	C
12	Stores/Office/SFR	C
13	Department Stores	C
14	Supermarket	C
15	Shopping Center, Regional	C
16	Shopping Center, Local	C
17	1 Story Office	S
18	Multi-Story Office	S
19	Professional Buildings	S
20	Airports	C
21	Restaurants	C
22	Drive In Restaurants	C
23	Financial Institutions	S
24	Insurance Companies	S
25	Service Shops	C
26	Service Stations	C
27	Auto Sales Repair, Etc	C
28	Parking Lots, Mobile Home Parks	MH
29	Wholesale Outlet	C
30	Florist, Greenhouses	C
31	Drive In Theaters, Open	C
32	Enclosed Theaters, Auditoriums	C
33	Nightclubs, Lounges, Bars	C
34	Bowling Alleys	C
35	Tourist Attractions	C
36	Camps, Campgrounds	C
37	Race Tracks/Horse, Auto, Dog	C
38	Golf Courses	GLF
39	Hotels/Motels	HMT
40	Industrial Vacant Land	I
41	Light Manufacturing	I
42	Heavy Industrial	I
43	Lumber Yards	I
44	Packing Plants	I
45	Breweries, Wineries, Etc	I
46	Food Processing	I
47	Mineral Processing	I
48	Warehousing	I
49	Open Storage	I
50	AG Homesite	AG
51	AG Cropland	AG

Volusia County DOR Codes to Zdata Categories

DOR CODE	DESCRIPTION	ZDATA
52	AG Cropland	AG
53	AG Cropland	AG
54	AG Timberland #1	AG
55	AG Timberland #2	AG
56	AG Timberland #3	AG
57	AG Timberland #4	AG
58	AG Timberland #5	AG
59	AG Waste Lands	AG
60	Not Assigned	AG
61	AG Pastures, Improved	AG
62	AG Pastures, Semi Improved	AG
63	AG Pastures, Native	AG
64	Not Assigned	AG
65	Not Assigned	AG
66	AG Citrus	AG
67	AG Poultry	AG
68	Ag Feed Lot	AG
69	AG Ornamental	AG
70	Institutional Vacant Land	INS
71	Institutional - Churches	INS
72	Institutional - Private Schools	EDU
73	Institutional - Hospitals Private	S
74	Homes for the Aged	MF
75	Orphanages	MF
76	Mortuaries, Cemeteries, Etc	C
77	Clubs, Lodges, Halls	C
78	Sanitariums, Convalescent, Etc	MF
79	Cultural Organ., Facilities	INS
80	Undefined	NA
81	Military	INS
82	Forest, Parks, Etc	NA
83	Schools, Public	EDU
84	Colleges	EDU
85	Hospitals	S
86	Other County	INS
87	Other State	INS
88	Other Federal	INS
89	Other Municipal	INS
90	Leasehold Interests	INS
91	Utilities	INS
92	Mining and Prod of Pet & Gas	I
93	Subsurface Rights	I
94	ROW, Streets, Roads, Ditch, Etc	NA
95	Rivers, Lakes, Submerged Lands	NA
96	Sewage, Solid Waste, Borrow Pit	NA
97	Outdoor Rec or Park - Cls Use	NA
98	Centrally Assessed	NA
99	Acreage Not Zoned Agricultural	NA