



Jacksonville Cornerstone Regional Development Partnership

Labor Force Availability Report 2004

Putnam County Business Park

Putnam County

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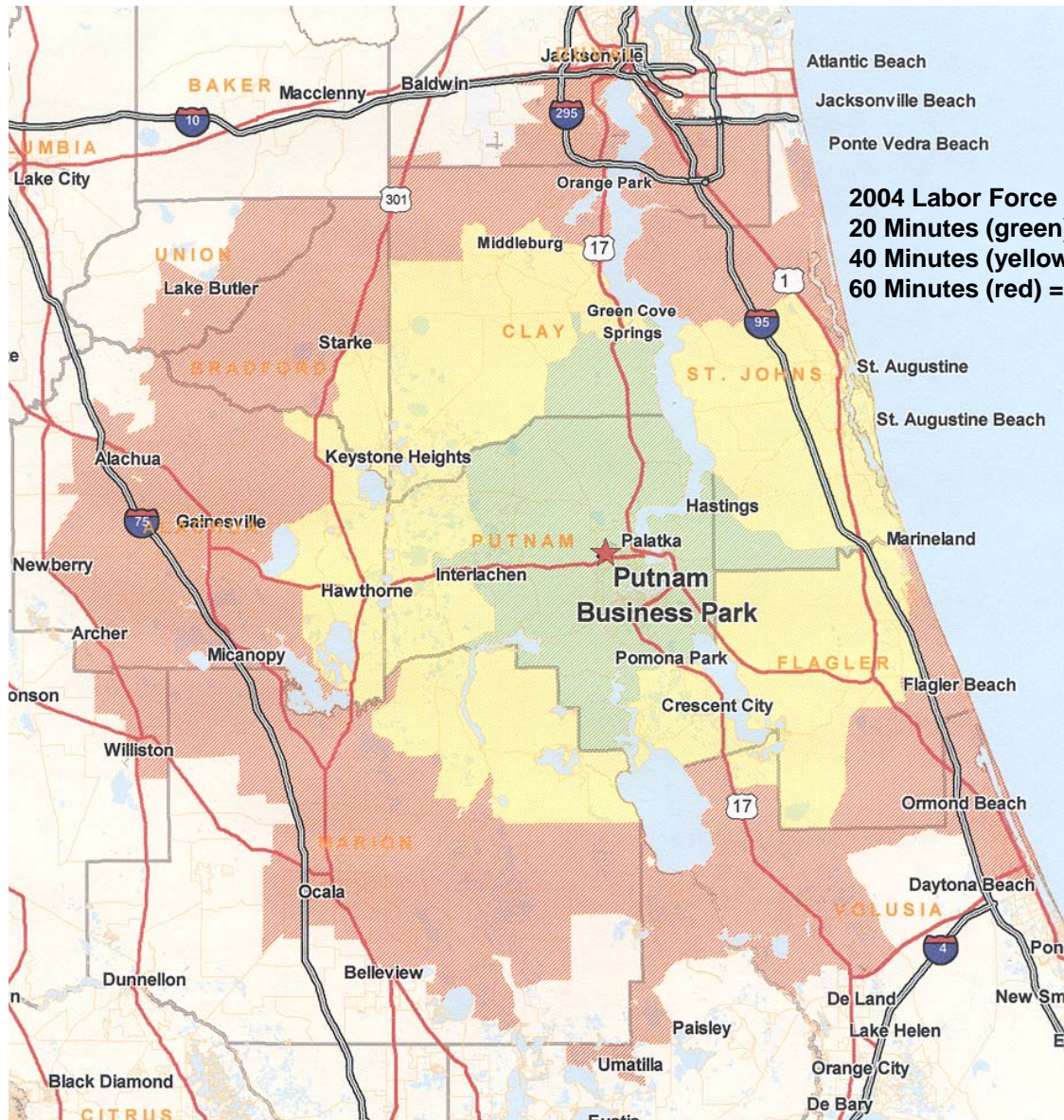
Labor Force Availability Report 2004

Putnam County Business Park

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Putnam County Business Park Overview of Commuting Zones



Shaded areas include census block groups that fall within the 20, 40, and 60-minute commuting zones. Commuting zones were defined by MapInfo DriveTime™ using assumptions for traffic patterns at peak travel time (8:00 AM on weekday mornings).

**Jacksonville Cornerstone Regional Development Partnership
Labor Force Availability Report**

Putnam County Business Park, Palatka, Putnam County, Florida

Center of zone: St. Johns Avenue and Putnam County Highway 309C, Palatka, Florida

Latitude 29.6486 N, Longitude 81.6996 W

Source: U.S. Bureau of the Census, Census 2000 Summary File 3, Table P43.

Table 1 - Employment Status of the Population 16 Years and Over

Data for the population living within:

Data from the 2000 Census of Population:

	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Total population age 16 and over	45,803	196,409	983,925
Total population 16+ not in the labor force	21,748	86,094	383,448
Total population 16+ in the armed forces	34	652	8,219
Total population 16+ unemployed, but in labor force	1,375	5,352	31,769
Total population 16+ in the civilian labor force	24,021	109,663	592,258
Total population 16+ in the labor force, 2000	24,055	110,315	600,477

Current Estimate:

Total population 16+ in the labor force, 2004	25,511	129,935	660,542
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5-Year Forecast:

Total population 16+ in the labor force, 2009	27,374	153,829	736,828
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Projected Percentage Growth, 2004-2009:

7.3%	18.4%	11.5%
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Current estimate and forecast for 2009 provided by Applied Geographic Solutions, Inc. (www.appliedgeographic.com).

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Labor Force Availability Report

Putnam County Business Park, Palatka, Putnam County, Florida

Center of zone: St. Johns Avenue and Putnam County Highway 309C, Palatka, Florida

Latitude 29.6486 N, Longitude 81.6996 W

Source: U.S. Bureau of the Census, Census 2000 Summary File 3, Table P50.

Table 2 - Occupation of the Civilian Labor Force 16 Years and Over

	<i>Number of workers living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Office and administrative support occupations	3,413	16,131	92,614
Sales and related occupations	2,301	12,499	70,228
Management occupations, except farmers and farm manager	1,279	7,768	48,784
Construction trades workers	1,723	6,776	26,940
Production occupations	2,411	7,568	29,889
Food preparation and serving related occupations	1,126	6,316	30,871
Education, training, and library occupations	964	5,118	32,660
Installation, maintenance, and repair occupations	1,332	5,505	23,198
Building and grounds cleaning and maintenance occupations	878	4,730	19,963
Motor vehicle operators	1,082	4,000	16,007
Health diagnosing and treating practitioners and technical occupations	426	2,766	22,002
Material moving workers	662	2,344	11,410
Financial specialists	209	1,471	11,313
Business operations specialists	279	1,578	11,283
Computer and mathematical occupations	219	1,130	11,250
Personal care and service occupations	579	2,587	14,904
Healthcare support occupations	585	2,398	11,171
Arts, design, entertainment, sports, and media occupations	186	1,098	9,764
Community and social services occupations	335	1,360	8,919
Health technologists and technicians	438	1,673	9,684
Legal occupations	58	581	5,482
Fire fighting, prevention, and law enforcement workers, including supervisors	519	2,133	8,612
Architects, surveyors, cartographers, and engineers	102	715	5,793
Other protective service workers, including supervisors	184	845	4,420
Supervisors, construction and extraction workers	307	1,329	4,643
Drafters, engineering, and mapping technicians	158	627	3,600
Life, physical, and social science occupations	131	597	5,504
Rail, water and other transportation occupations	61	297	1,327
Supervisors, transportation and material moving workers	37	224	1,003
Farming, fishing, and forestry occupations	448	1,389	4,196
Aircraft and traffic control occupations	19	162	1,181
Farmers and farm managers	154	469	1,619
Extraction workers	41	127	255
Total employed civilian labor force age 16+ (2000)	22,646	104,311	560,489

Jacksonville Cornerstone Regional Development Partnership
Labor Force Availability Report

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Source: U.S. Bureau of the Census, Census 2000 Summary File 3, Table P49.

Table 3 - Industry of Employment of the Civilian Labor Force 16 Years and Over

	Number of workers living within:		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Agriculture, Forestry and Fishing	733	2,140	7,085
Mining	131	316	645
Construction	2,428	10,114	42,007
Manufacturing	3,127	10,396	42,538
Wholesale Trade	655	2,988	18,005
Retail Trade	3,003	14,883	73,156
Transportation and Warehousing	899	4,691	25,681
Utilities	483	1,476	4,992
Information	377	1,889	15,519
Finance and Insurance	610	4,151	36,053
Real Estate	378	2,366	13,262
Professional, Scientific and Technical Services	550	3,412	27,017
Management Services	0	16	124
Administrative and Support and Waste Mgt	588	3,826	22,599
Educational Services	1,793	8,962	54,697
Health Care and Social Assistance	2,469	11,086	66,604
Arts, Entertainment and Recreation	137	1,479	9,590
Accommodation and Food Services	1,373	8,077	42,341
Other Services	1,092	5,076	26,543
Public Administration	1,820	6,967	32,031
Total Civilian Labor Force Age 16+	22,646	104,311	560,489

**Jacksonville Cornerstone Regional Development Partnership
Labor Force Availability Report**

Putnam County Business Park, Putnam County, Florida

Center of zone: St. Johns Avenue and Putnam County Highway 309C, Palatka, Florida

Latitude 29.6486 N, Longitude 81.6996 W

Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 4 - Regional Survey Data 2004

Current Employment Status of Working Adults, 2004

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
Percentage currently employed full time	81%	81%	79%
Percentage currently employed part time	11%	12%	14%
Percentage not employed but looking for work*	8%	7%	8%
Total	100%	100%	100%
Estimated number currently employed full time	20,695	104,915	519,764
Estimated number currently employed part time	2,863	16,189	91,237
Estimated number not employed but looking for work*	1,952	8,831	49,541
Total estimated labor force, 2004	25,511	129,935	660,542

**This number includes all workers who are looking for work, whether or not they have filed for unemployment compensation. The number will exceed the published unemployment rates.*

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Labor Force Availability Report**

Putnam County Business Park, Putnam County, Florida

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Latitude 29.6486 N, Longitude 81.6996 W

Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 5 - Regional Survey Data 2004

Current Commuting Time to Work

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers commuting:</u>			
No commute - work at home or nearby	4.6%	4.2%	4.4%
1 to 5 minutes	23.1%	16.8%	12.8%
6 to 10 minutes	17.9%	16.4%	14.0%
11 to 15 minutes	15.6%	15.3%	12.7%
16 to 20 minutes	10.4%	8.4%	11.7%
21 to 25 minutes	3.5%	4.2%	5.6%
26 to 30 minutes	6.9%	8.2%	13.1%
31 to 35 minutes	2.3%	2.7%	3.8%
36 to 45 minutes	5.2%	11.5%	12.2%
Over 45 minutes	9.2%	10.2%	6.9%
No fixed commute - it varies	1.2%	2.2%	2.6%
Total	100.0%	100.0%	100.0%
<u>Estimated number of workers commuting:</u>			
No commute - work at home or nearby	1,180	5,444	29,148
1 to 5 minutes	5,898	21,774	84,625
6 to 10 minutes	4,571	21,301	92,147
11 to 15 minutes	3,981	19,881	84,154
16 to 20 minutes	2,654	10,887	77,573
21 to 25 minutes	885	5,444	37,141
26 to 30 minutes	1,770	10,650	86,505
31 to 35 minutes	590	3,550	25,387
36 to 45 minutes	1,327	14,911	80,864
Over 45 minutes	2,359	13,254	45,603
No fixed commute - it varies	295	2,840	17,395
Total	25,511	129,935	660,542
Average (mean) commuting time in minutes	21.3	25.2	24.3
Median commuting time in minutes	15.0	20.0	20.0

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Latitude 29.6486 N, Longitude 81.6996 W
Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 6 - Regional Survey Data 2004
Current Commuting Mileage to Work

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers commuting:</u>			
0 to 5 miles	41.5%	32.3%	29.1%
6 to 10 miles	12.2%	12.7%	15.8%
11 to 15 miles	17.6%	13.3%	15.5%
16 to 20 miles	7.3%	7.4%	10.4%
21 to 25 miles	2.4%	6.2%	7.4%
26 to 30 miles	4.4%	6.8%	6.4%
31 to 40 miles	5.9%	10.8%	7.1%
Over 40 miles	7.8%	8.6%	5.9%
Mileage varies	1.0%	2.1%	2.4%
Total	100.0%	100.0%	100.0%
<u>Estimated number of workers commuting:</u>			
0 to 5 miles	10,578	41,970	192,304
6 to 10 miles	3,111	16,481	104,649
11 to 15 miles	4,480	17,248	102,413
16 to 20 miles	1,867	9,582	68,424
21 to 25 miles	622	8,049	48,747
26 to 30 miles	1,120	8,816	42,486
31 to 40 miles	1,493	13,990	46,958
Over 40 miles	1,991	11,115	38,908
Mileage varies	249	2,683	15,653
Total	25,511	129,935	660,542
Average (mean) commuting miles	14.7	17.9	16.7
Median commuting miles	10.0	12.0	12.0

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<i>Latitude 29.6486 N, Longitude 81.6996 W</i>
<i>Source: Jacksonville Regional Labor Force Availability Study, August 2004.</i>

Table 7 - Regional Survey Data 2004

Gender and Age of Workers

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<i>Workers by Gender:</i>			
Percentage male	51.0%	50.6%	51.8%
Percentage female	49.0%	49.4%	48.2%
Total	100.0%	100.0%	100.0%
Estimated number of male workers	13,022	65,776	342,138
Estimated number of female workers	12,489	64,159	318,404
Total estimated labor force, 2004	25,511	129,935	660,542
<i>Workers by Age Range:</i>			
Percentage under age 25	12.9%	12.2%	12.5%
Percentage age 25 to 34	16.3%	15.5%	15.1%
Percentage age 35 to 44	23.3%	24.3%	25.7%
Percentage age 45 to 54	27.9%	26.9%	26.3%
Percentage age 55 to 64	15.4%	17.5%	17.4%
Percentage age 65 or older	4.2%	3.6%	3.1%
Total	100.0%	100.0%	100.0%
Estimated number under age 25	3,295	15,877	82,338
Estimated number age 25 to 34	4,146	20,090	99,614
Estimated number age 35 to 44	5,953	31,593	169,822
Estimated number age 45 to 54	7,122	34,995	173,498
Estimated number age 55 to 64	3,933	22,682	114,685
Estimated age 65 or older	1,063	4,698	20,585
Total estimated labor force, 2004	25,511	129,935	660,542

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Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 8 - Regional Survey Data 2004

Educational Attainment of Workers

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers with:</u>			
Less than high school	9.1%	6.4%	5.0%
High school graduate or GED	42.2%	35.4%	28.7%
Vocational or technical degree	2.2%	2.0%	2.5%
Some college, but not a college degree	17.7%	20.7%	19.4%
Community college or Associate's Degree	8.2%	11.3%	11.5%
4-Year Bachelor's Degree	14.2%	16.1%	22.3%
Master's Degree or Ph.D.	6.5%	8.1%	10.6%
Total	100.0%	100.0%	100.0%
<u>Estimated number of workers with:</u>			
Less than high school	2,309	8,308	33,046
High school graduate or GED	10,776	46,026	189,263
Vocational or technical degree	550	2,659	16,523
Some college, but not a college degree	4,508	26,917	128,053
Community college or Associate's Degree	2,089	14,622	76,231
4-Year Bachelor's Degree	3,629	20,936	147,580
Master's Degree or Ph.D.	1,649	10,468	69,847
Total estimated labor force, 2004	25,511	129,935	660,542

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Latitude 29.6486 N, Longitude 81.6996 W

Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 9 - Regional Survey Data 2004

Industry of Employment - By SIC Major Group

The table shows the top 10 industries of employment by SIC major group.

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers by SIC Major Group:</u>			
80 Health Services	5.7%	11.3%	11.5%
82 Educational Services	14.6%	12.3%	10.7%
17 Construction - Special Trade Contractors	8.0%	5.7%	4.7%
97 National Security & International Affairs	1.4%	2.3%	4.3%
58 Eating & Drinking Places	6.1%	6.0%	4.2%
73 Business Services	2.8%	2.9%	4.2%
15 Building Construction - General Contractors	4.2%	2.9%	3.1%
59 Miscellaneous Retail	3.3%	3.1%	2.8%
92 Justice, Public Order, & Safety	2.8%	2.3%	2.7%
42 Motor Freight Transportation & Warehousing	3.8%	2.0%	2.6%
Total % Employed in Top 10 SIC Major Groups	52.8%	51.0%	50.9%
<u>Number of workers by SIC Major Group:</u>			
80 Health Services	1,444	14,733	76,216
82 Educational Services	3,730	15,976	70,571
17 Construction - Special Trade Contractors	2,046	7,455	31,051
97 National Security & International Affairs	361	3,018	28,228
58 Eating & Drinking Places	1,564	7,810	27,825
73 Business Services	722	3,728	27,422
15 Building Construction - General Contractors	1,083	3,728	20,566
59 Miscellaneous Retail	842	4,083	18,550
92 Justice, Public Order, & Safety	722	3,018	18,147
42 Motor Freight Transportation & Warehousing	963	2,663	17,340
Total Number Employed in Top 10 SIC Major Groups	13,478	66,210	335,917
Total estimated labor force, 2004	25,511	129,935	660,542

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Source: Jacksonville Regional Labor Force Availability Study, August 2004.

Table 10 - Regional Survey Data 2004
Current Salary Range of Workers

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers earning:</u>			
Less than \$15,000	15.8%	12.1%	11.7%
\$15,000 to \$24,999	26.0%	21.6%	17.8%
\$25,000 to \$34,999	20.9%	22.9%	21.1%
\$35,000 to \$49,999	19.8%	24.7%	22.3%
\$50,000 to \$74,999	11.3%	12.4%	16.0%
\$75,000 to \$99,999	2.8%	4.0%	5.7%
\$100,000 or more	3.4%	2.3%	5.3%
Total	100.0%	100.0%	100.0%
<u>Estimated number of workers earning:</u>			
Less than \$15,000	4,036	15,730	77,567
\$15,000 to \$24,999	6,630	28,013	117,571
\$25,000 to \$34,999	5,333	29,736	139,524
\$35,000 to \$49,999	5,045	32,107	147,329
\$50,000 to \$74,999	2,883	16,161	105,862
\$75,000 to \$99,999	721	5,172	37,564
\$100,000 or more	865	3,017	35,125
Total estimated labor force, 2004	25,511	129,935	660,542

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Source: Jacksonville Regional Labor Force Availability Study, August 2004.

**Table 11 - Regional Survey Data 2004
Experience in Specific Industries or Skill Areas**

	<i>Data for the population living within:</i>		
	<u>20 Minutes</u>	<u>40 Minutes</u>	<u>60 Minutes</u>
Survey sample size	196	618	1,600
<u>Percentage of workers with experience in:</u>			
Basic computer skills, such as data entry or word processing	57.6%	58.7%	66.6%
Advanced computer skills, such as programming or computer aided design	13.6%	14.5%	18.0%
Computer networking or systems administration	9.1%	8.9%	10.9%
Manufacturing production work	18.5%	15.9%	12.4%
Skilled trades such as electrician or welding	12.3%	13.3%	11.7%
Medical patient care	7.4%	13.4%	12.5%
Medical technician specialties	0.0%	2.0%	2.5%
Electronics manufacturing or repair	7.0%	5.8%	5.8%
Distribution (warehousing, transportation, logistics)	10.3%	10.3%	10.8%
Finance or insurance	7.4%	8.6%	11.9%
Aviation	3.7%	3.7%	5.2%
<u>Estimated number of workers with experience in:</u>			
Basic computer skills, such as data entry or word processing	14,698	76,329	439,879
Advanced computer skills, such as programming or computer aided design	3,464	18,882	118,652
Computer networking or systems administration	2,310	11,521	71,987
Manufacturing production work	4,724	20,642	81,754
Skilled trades such as electrician or welding	3,150	17,282	77,413
Medical patient care	1,890	17,442	82,839
Medical technician specialties	0	2,560	16,278
Electronics manufacturing or repair	1,785	7,521	37,983
Distribution (warehousing, transportation, logistics)	2,625	13,442	71,625
Finance or insurance	1,890	11,201	78,498
Aviation	945	4,801	34,366
Total estimated labor force, 2004	25,511	129,935	660,542



Labor Force Availability Report 2004

Sources and Methods

In 2004 the Jacksonville Cornerstone Regional Development Partnership commissioned Ulrich Research Services, Inc. to define and describe the labor market living within 20, 40, and 60-minute commuting times of selected nodes in the Greater Jacksonville area.

Definition of Commuting Zones

The commuting zones identified in this study were defined by MapInfo Corporation's DriveTime™ software system using assumptions for urban traffic patterns at peak travel time (8:00 AM on weekday mornings). Each zone is an aggregation of U.S. Census Block Groups. The block group is the smallest geographic unit for which the United States Bureau of the Census publishes detailed population and housing data derived from Summary Tape File 3. The file consists of data collected from a 1-in-6 sample and weighted to represent the total population.

There are 633 census block groups in the six-county Jacksonville Region (including Duval, Nassau, Baker, Clay, St. Johns, and Putnam counties). In the 2000 Census of Population and Housing the average block group in the region included 1,885 people, 691 households, and a labor force consisting of 878 workers.

We used "population-weighted centroids" to determine whether individual block groups should be included in the commuting zones for each node. A centroid is the geographic center of population for a block group. It is defined as a point (based on latitude and longitude) and weighted based on the population of the census blocks comprising the block group. Block groups typically consist of 3 to 6 census blocks. If the centroid of the block group fell within a commuting zone defined by DriveTime, the entire population of the block group was included in the labor market profile. If the commuting zone included portions of a block group but did not include the population-weighted centroid, the block group was excluded from the profile.

Labor Force Availability Reports

Data from the U.S. Census of Population and Housing, 2000

This report includes three Labor Force Availability Reports based on the aggregated Census 2000 data for each commuting zone. These reports cover the following topics:

1. Employment Status of the Population 16 Years and Over
2. Occupation of the Civilian Labor Force 16 Years and Over
3. Industry of Employment of the Civilian Labor Force 16 Years and Over

Because the data in each report is weighted from the 1-in-6 Census sample, there may be some minor variations in the market totals shown on some reports.

Data from the Jacksonville Regional Labor Force Availability Study, 2004

An additional set of eight tables includes data gathered in the Jacksonville Regional Labor Force Availability Study for 2004. The study is based on a telephone survey of working households in the Greater Jacksonville region conducted between June 2 and July 17, 2004. A total of 1,800 households participated in the study. In each household one respondent provided information on up to three working adults. In total, the survey collected information on 3,136 workers, or an average of 1.7 workers per household.

The survey data published in this report is based on a random sample of households and is subject to sampling error. While the range of error on the total sample of 1,800 households is plus or minus 2.3% at the 95% level of confidence, the range of error will vary based on the number of surveyed households that live in each defined commuting zone. The range of error on a sample of 200 households, for example, is plus or minus 6.9% at the 95% level of confidence.

This Labor Force Availability Report includes the following eight reports based on the regional survey findings:

4. Current Employment Status of Working Adults
5. Current Commuting Time to Work
6. Current Commuting Mileage to Work
7. Age and Gender of Workers
8. Educational Attainment of Workers
9. Industry of Employment by SIC Major Group
10. Current Salary Range of Workers
11. Experience in Specific Industries or Skill Areas