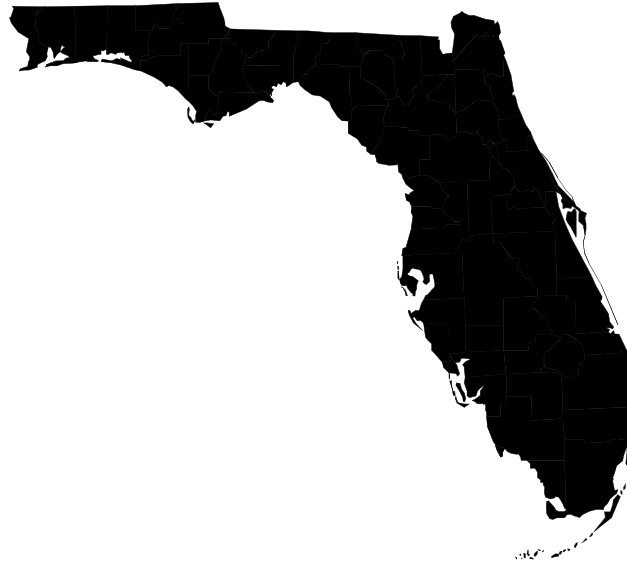




# **2003 Florida Transportation Almanac**



**Center for Urban Transportation Research**  
College of Engineering • University of South Florida

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## PREFACE

This publication is the third edition of the *Florida Transportation Almanac*, developed and produced by the Center for Urban Transportation Research (CUTR) at the University of South Florida (USF) in Tampa. It follows the original publication produced in 1995 and the *Florida Transportation Almanac and Atlas* on CD-ROM produced in 1998.

The *Almanac* contains data from existing data sources throughout Florida and the United States. A range of transportation topics is covered, and, to the extent possible, statistical data are for the most recent year available. Although most of the information provided in the *Almanac* is available directly from the respective agencies that compiled or collected the information, the ability to access this information from a single source offers significant advantages to the transportation community.

The *Almanac* comprises nine chapters, as follows:

- Chapter 1, DEMOGRAPHICS, presents information for the U.S., Florida, and the 67 counties in the state. All data are taken from the 2000 Census and previous.
- Chapter 2, TRAVEL BEHAVIOR CHARACTERISTICS, summarizes travel behavior characteristics and trends in Florida and the U.S. Summary statistics are provided for all personal travel in the U.S. and Florida, as well as for the aggregated metropolitan regions in Florida. In addition, characteristics of the journey-to-work are provided for the U.S., Florida, and its counties.
- Chapter 3, MODAL STATISTICS, includes information on highways, aviation, public transportation, rail, seaports, transportation demand management (TDM), freight, and intelligent transportation systems (ITS).
- Chapter 4, SAFETY, includes information about traffic crashes for the state.
- Chapter 5, TOURISM, focuses on tourism statistics for the state.
- Chapter 6, TRANSPORTATION FINANCING, presents information on Florida's transportation tax and fee sources and transportation costs associated with the construction and operation of various modes, including highways, bridges, airports, public transportation, and bicycle and pedestrian facilities.
- Chapter 7, TRANSPORTATION EDUCATION AND RESEARCH, presents an overview of the transportation education programs available at the state's universities and colleges and a summary of the activities of the state's transportation research organizations.
- Chapter 8, DIRECTORY, includes contact information for various transportation-related organizations in Florida, including planning agencies, operating agencies, commissions, councils, committees, and professional associations, among others.
- Chapter 9, MISCELLANEOUS, contains a list of frequently-used transportation acronyms as well as a metric conversion chart.

The editors wish to acknowledge the assistance of all the individuals at the numerous agencies and organizations who provided information and review of this publication. A fourth edition of the *Almanac* will be published, and we welcome your comments and suggestions for improvements and additions.

—The Editors





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# **Chapter 1: DEMOGRAPHICS**







## SECTION HIGHLIGHTS

### Florida

- According to the Bureau of the Census, Florida's population has increased more than 24 percent from 1990 (12.9 million) to 2000 (15.98 million).
- During this time, licensed drivers increased about 39 percent (9.2 million in 1990; 12.85 million in 2000).
- The number of licensed drivers per household increased from 1.8 drivers in 1990 to 2.0 drivers in 2000.
- The gender distribution in Florida has remained relatively stable from 1990 to 2000 with approximately 48.8 percent of the population being male and 51.2 percent being female.
- The percent of households in Florida above the poverty level has increased by about 24 percent between 1990 and 2000.

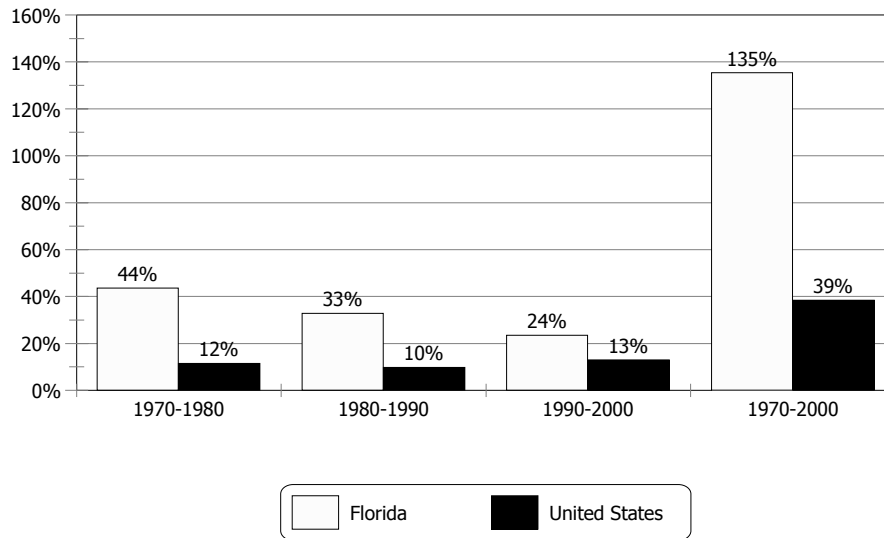
### United States

- Total U.S. population increased 13.2 percent from 248.7 million in 1990 to 281.4 million in 2000.
- During this time, licensed drivers increased 14.1 percent (167.0 million in 1990; 190.6 million in 2000).
- The number of licensed drivers per household decreased slightly from 1.82 drivers in 1990 to 1.81 drivers in 2000.
- The gender distribution in the U.S. has remained relatively stable from 1990 to 2000 with approximately 49 percent of the population being male and 51 percent being female.
- The percent of households in the U.S. above the poverty level increased by about 14 percent between 1990 and 2000.

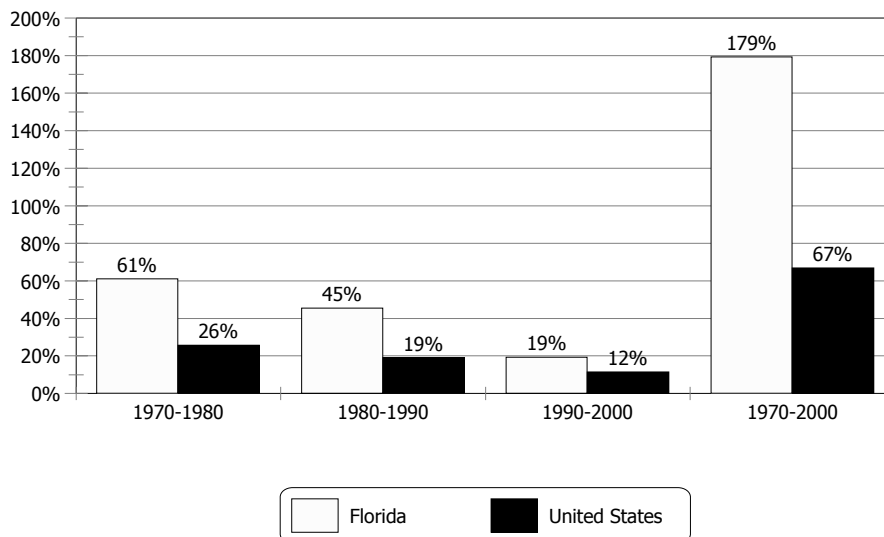
*For more information, direct e-mail comments, and questions about the 2000 US Census, contact [pio@census.gov](mailto:pio@census.gov) or the Public Information Office at (301) 763-3030.*



**Figure 1-1**  
**POPULATION GROWTH RATES, FLORIDA AND UNITED STATES (1970-2000)**

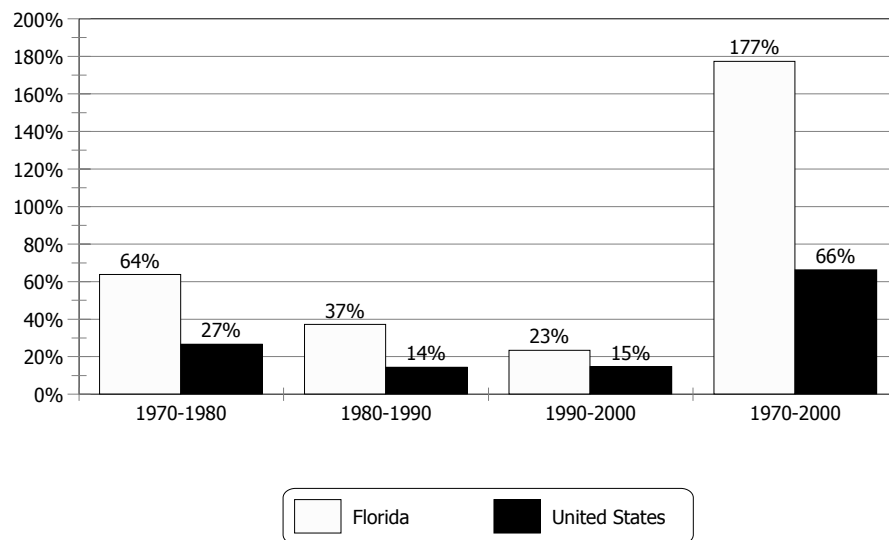


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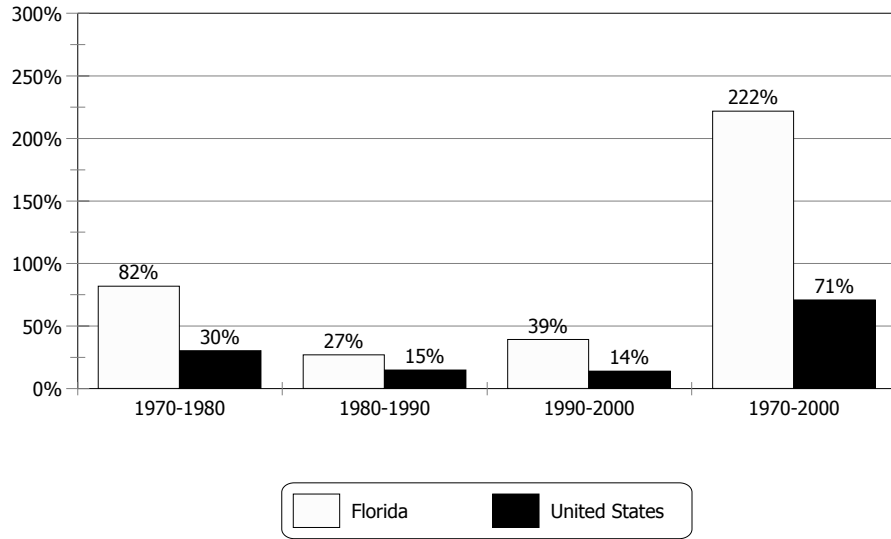


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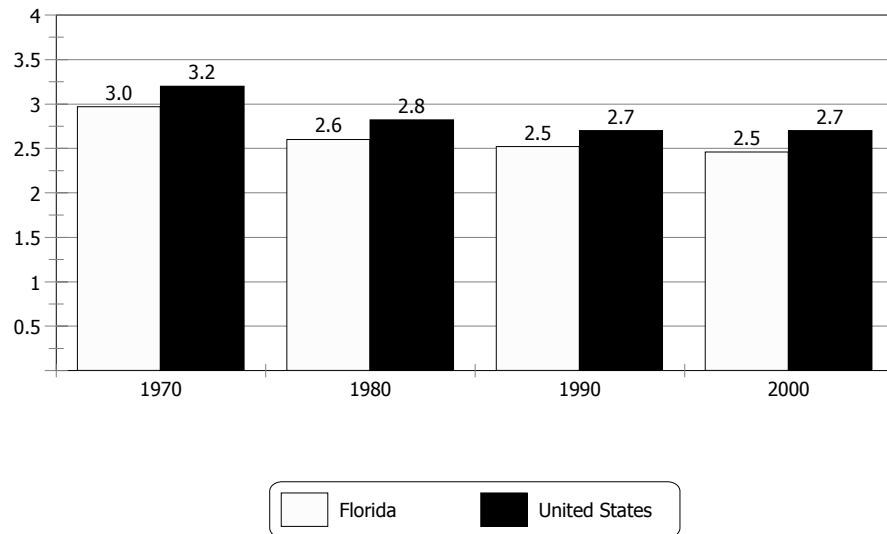




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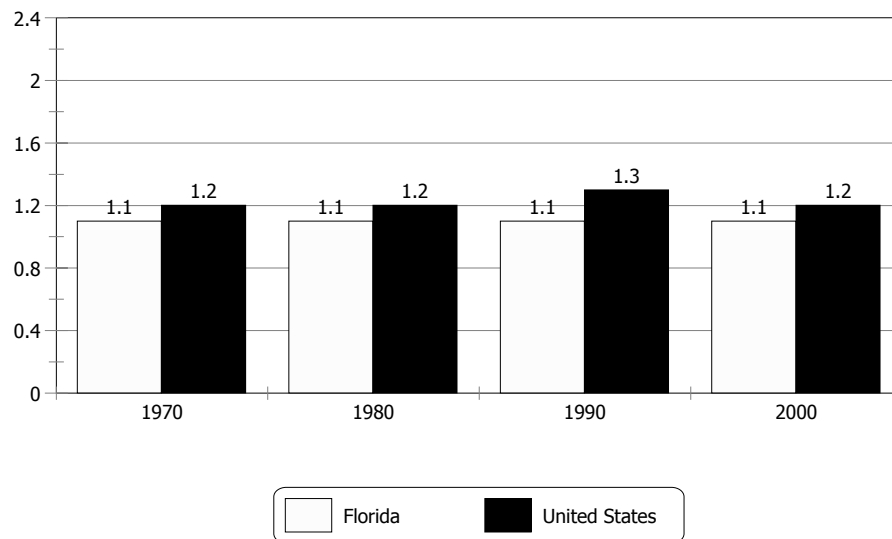


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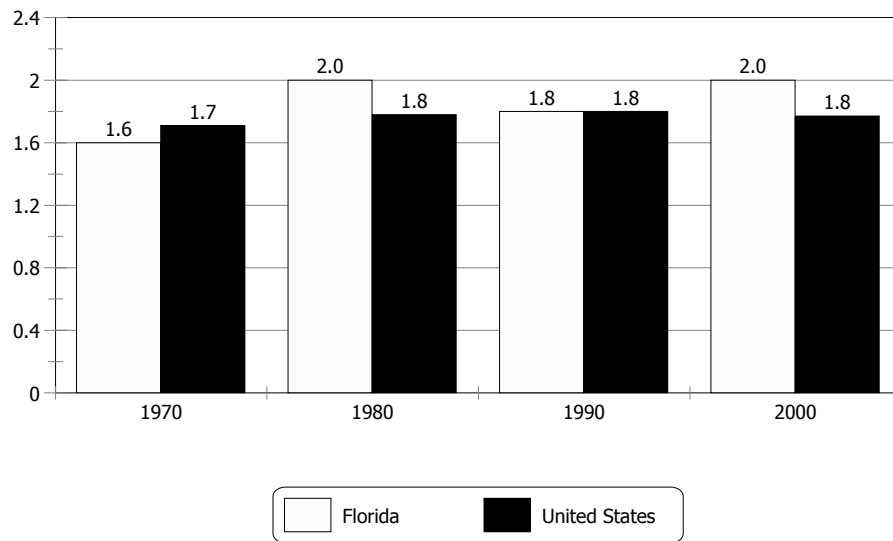


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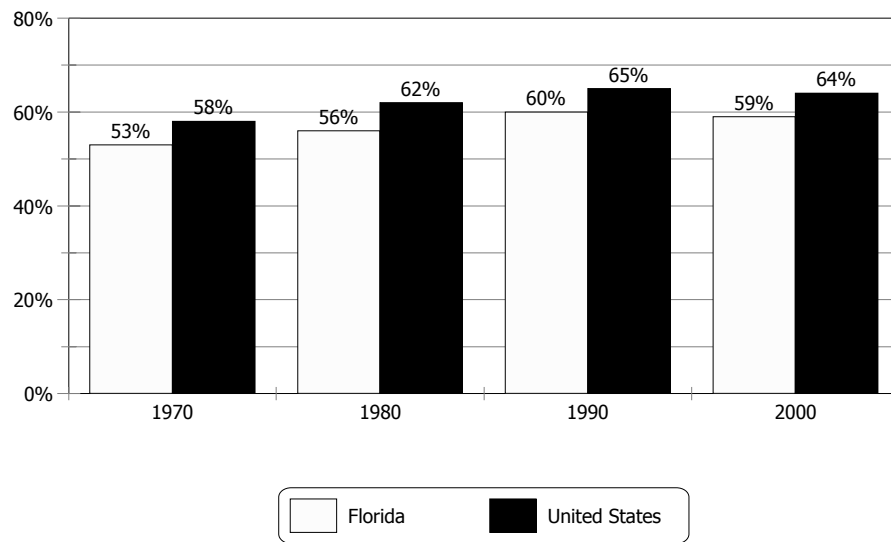


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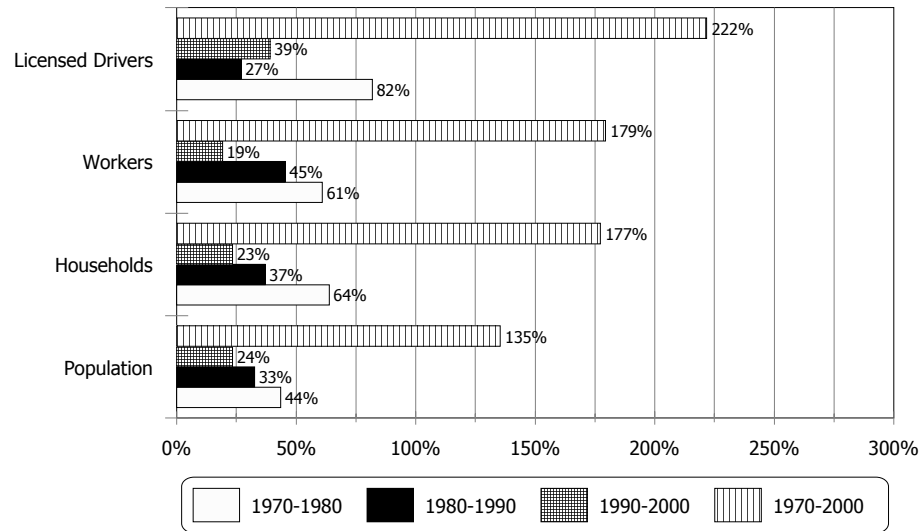


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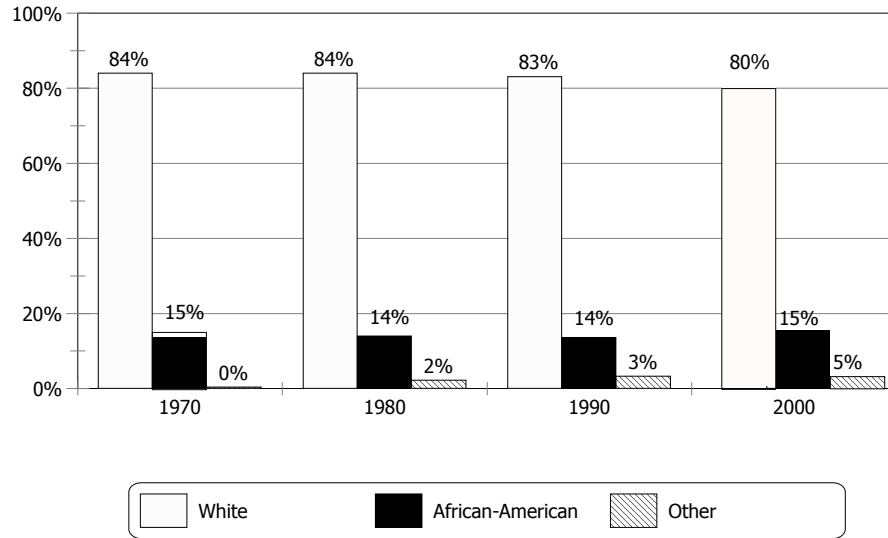
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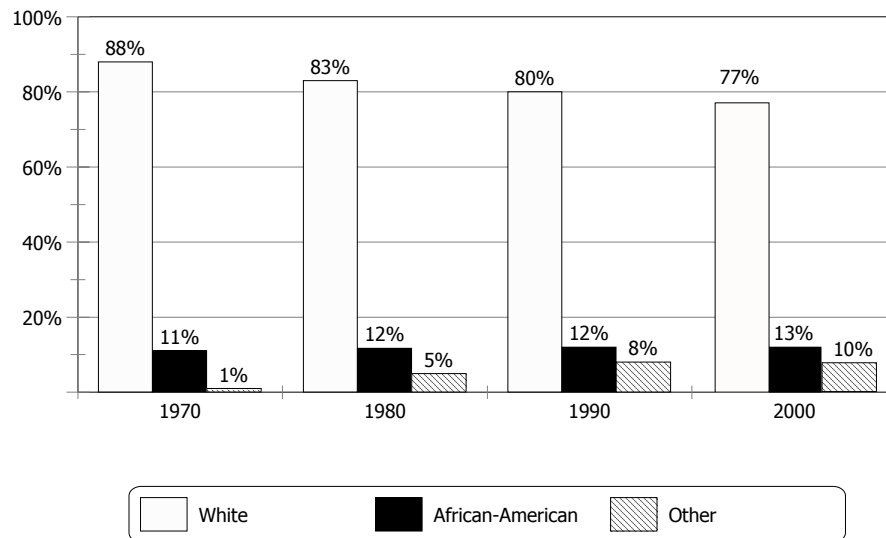


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**FLORIDA**



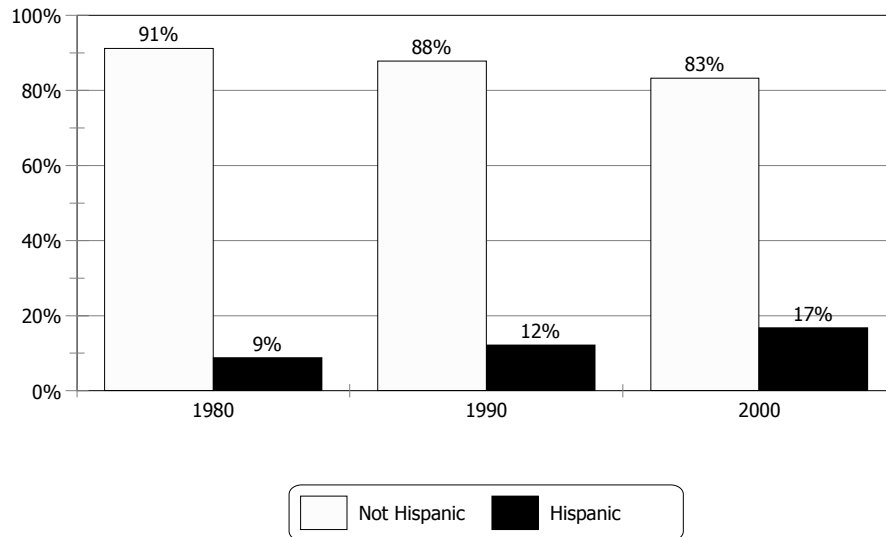
**UNITED STATES**



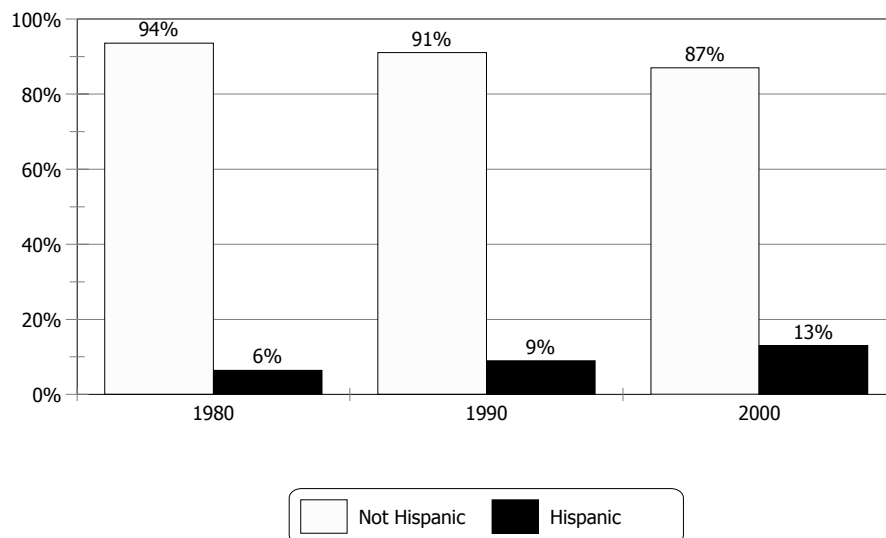


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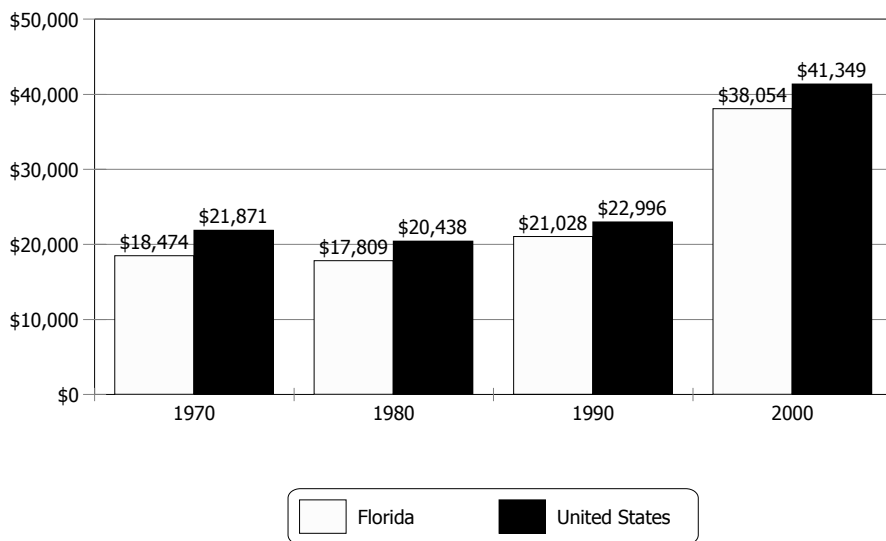


**UNITED STATES**

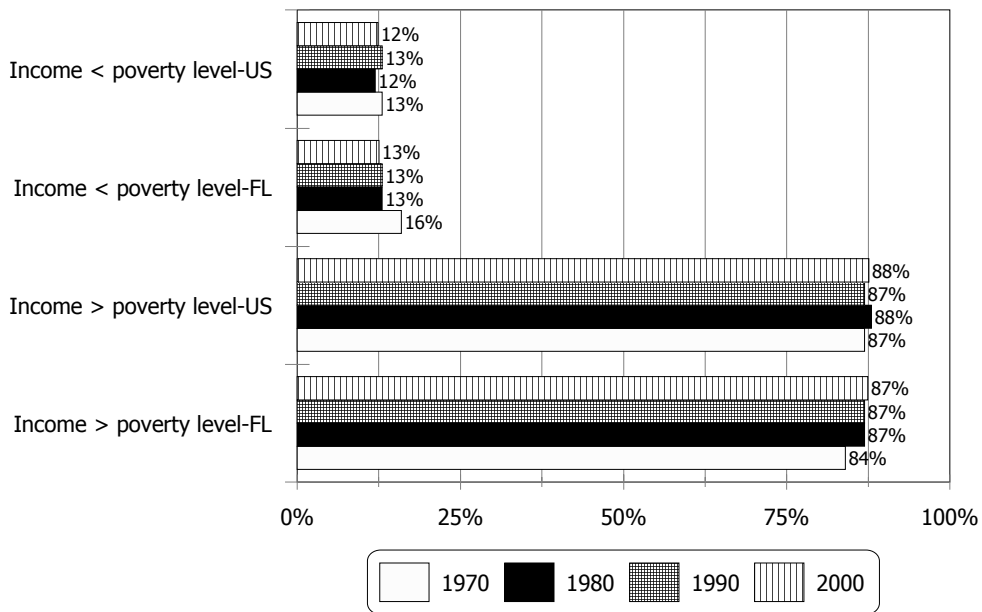




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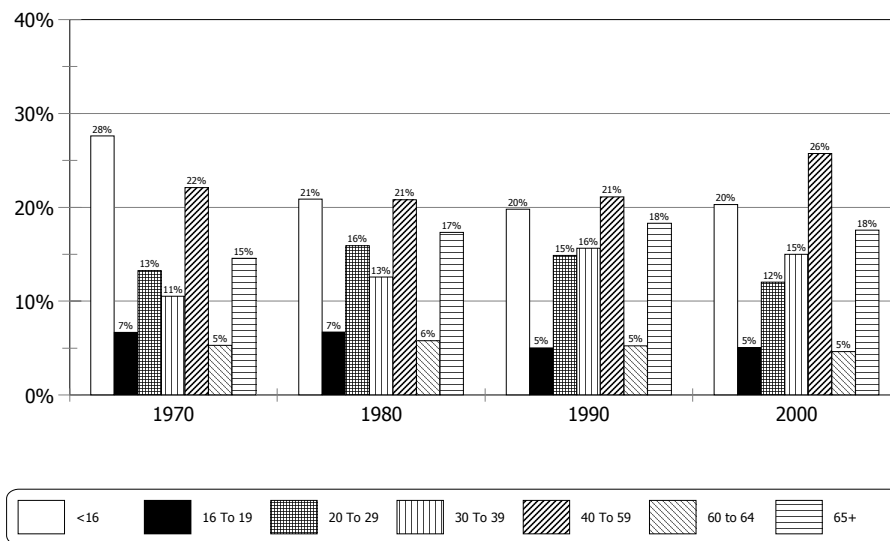
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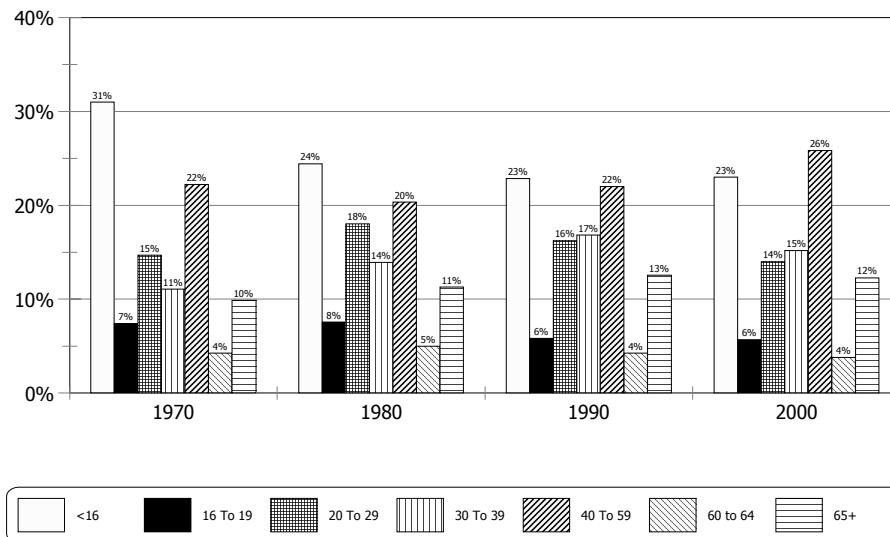


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**FLORIDA**



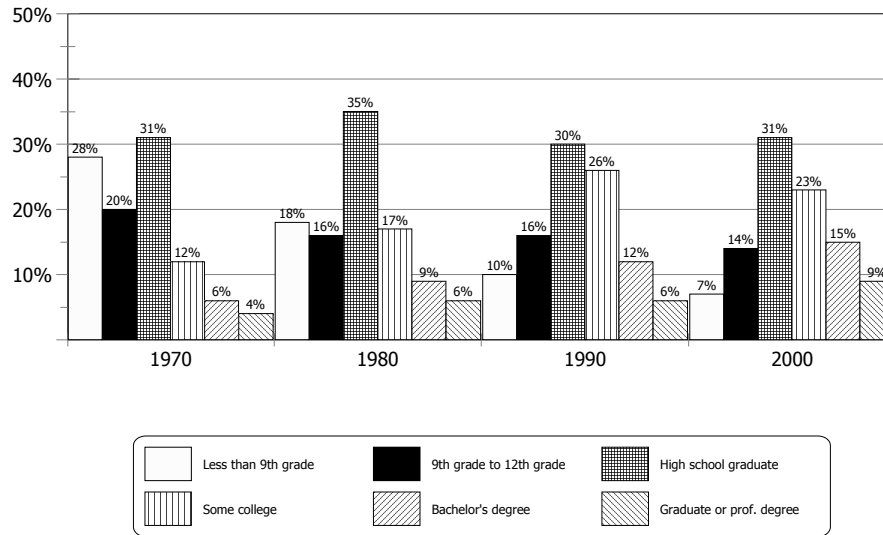
**UNITED STATES**



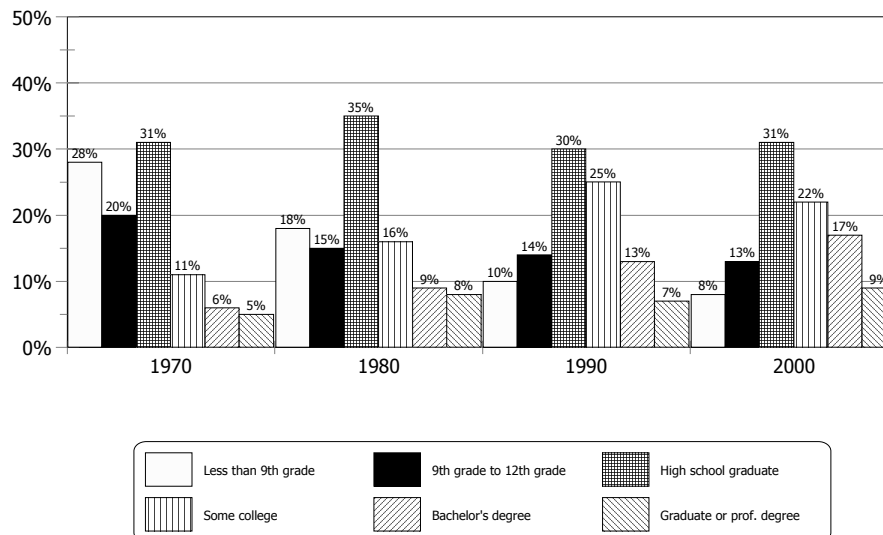


**Figure 1-15**  
**EDUCATION LEVEL, FLORIDA AND UNITED STATES (1970-2000)**

**FLORIDA**



**UNITED STATES**





**Table 1-1  
FLORIDA POPULATION CHARACTERISTICS (2000)**

| Population Characteristics         | FLORIDA       |           |            |            |            |       |       |       |
|------------------------------------|---------------|-----------|------------|------------|------------|-------|-------|-------|
|                                    | Calendar Year |           |            |            | Change (%) |       |       |       |
|                                    | 1970          | 1980      | 1990       | 2000       | 70-80      | 80-90 | 90-00 | 70-00 |
| Population                         | 6,789,443     | 9,746,324 | 12,937,926 | 15,982,378 | 43.6       | 32.7  | 23.5  | 135.4 |
| Households                         | 2,284,786     | 3,744,254 | 5,134,869  | 6,337,929  | 63.9       | 37.1  | 23.4  | 177.4 |
| Number of Workers                  | 2,473,256     | 3,984,836 | 5,794,452  | 6,910,168  | 61.1       | 45.4  | 19.3  | 179.4 |
| Licensed Drivers                   | 3,994,024     | 7,267,962 | 9,231,405  | 12,853,000 | 82.0       | 27.0  | 39.2  | 221.8 |
| Persons per Household              | 3.0           | 2.6       | 2.5        | 2.5        | -13.3      | -3.8  | 0.0   | -16.7 |
| Workers per Household              | 1.1           | 1.1       | 1.1        | 1.1        | 0.0        | 0.0   | 0.0   | 0.0   |
| Licensed Drivers per Household     | 1.6           | 2.0       | 1.8        | 2.0        | 25.0       | -10.0 | 11.1  | 25.0  |
| Labor Force Participation Rate (%) | 53            | 56        | 60         | 59         | 5.7        | 7.1   | -1.7  | 11.3  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html> and U.S. Federal Highway Administration *Highway Statistics* for number of licensed drivers.



**Table 1-2**  
**UNITED STATES POPULATION CHARACTERISTICS (2000)**

| Population Characteristics         | UNITED STATES |             |             |             |            |       |       |       |
|------------------------------------|---------------|-------------|-------------|-------------|------------|-------|-------|-------|
|                                    | Calendar Year |             |             |             | Change (%) |       |       |       |
|                                    | 1970          | 1980        | 1990        | 2000        | 70-80      | 80-90 | 90-00 | 70-00 |
| Population                         | 203,211,926   | 226,545,805 | 248,709,873 | 281,421,906 | 11.5       | 9.8   | 13.2  | 38.5  |
| Households                         | 63,449,747    | 80,389,673  | 91,947,410  | 105,480,101 | 26.7       | 14.4  | 14.7  | 66.2  |
| Number of Workers                  | 76,852,389    | 96,617,296  | 115,070,270 | 128,279,228 | 25.7       | 19.1  | 11.5  | 66.9  |
| Licensed Drivers                   | 111,542,787   | 145,295,036 | 167,015,250 | 190,625,000 | 30.3       | 14.9  | 14.1  | 70.9  |
| Persons per Household              | 3.2           | 2.8         | 2.7         | 2.7         | -12.5      | -3.6  | 0.0   | -15.6 |
| Workers per Household              | 1.2           | 1.2         | 1.3         | 1.2         | 0.0        | 8.3   | -7.7  | 0.0   |
| Licensed Drivers per Household     | 1.7           | 1.8         | 1.8         | 1.8         | 5.9        | 0.0   | 0.0   | 5.9   |
| Labor Force Participation Rate (%) | 58            | 62          | 65          | 64          | 6.9        | 4.8   | -1.5  | 10.3  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html> and U.S. Federal Highway Administration *Highway Statistics* for number of licensed drivers.



**Table 1-3**  
**DEMOGRAPHIC TRENDS, FLORIDA (1970-2000)**

| Demographic Characteristics   | FLORIDA       |           |            |            |            |       |       |         |
|-------------------------------|---------------|-----------|------------|------------|------------|-------|-------|---------|
|                               | Calendar Year |           |            |            | Change (%) |       |       |         |
|                               | 1970          | 1980      | 1990       | 2000       | 70-80      | 80-90 | 90-00 | 70-00   |
| <b>Gender</b>                 |               |           |            |            |            |       |       |         |
| Male                          | 3,275,571     | 4,675,626 | 6,261,719  | 7,797,715  | 42.7       | 33.9  | 24.5  | 138.1   |
| Female                        | 3,513,872     | 5,070,698 | 6,676,207  | 8,184,663  | 44.3       | 31.7  | 22.6  | 132.9   |
| <b>Ethnic Origin</b>          |               |           |            |            |            |       |       |         |
| White                         | 5,719,343     | 8,184,513 | 10,749,285 | 12,465,029 | 43.1       | 31.3  | 16.0  | 117.9   |
| African American              | 1,041,651     | 1,342,688 | 1,759,534  | 2,335,505  | 28.9       | 31.0  | 32.7  | 124.2   |
| Other                         | 28,449        | 219,123   | 429,107    | 805,529    | 670.2      | 95.8  | 87.7  | 2,731.5 |
| <b>Hispanic Origin</b>        |               |           |            |            |            |       |       |         |
| Not Hispanic                  | n/a           | 8,888,166 | 11,363,783 | 13,299,663 | n/a        | 27.9  | 17.0  | n/a     |
| Hispanic                      | n/a           | 858,158   | 1,574,143  | 2,682,715  | n/a        | 83.4  | 70.4  | n/a     |
| <b>Age</b>                    |               |           |            |            |            |       |       |         |
| < 16 years                    | 1,874,098     | 2,034,189 | 2,561,211  | 3,240,557  | 8.5        | 25.9  | 26.5  | 72.9    |
| 16 to 19 years                | 452,585       | 653,925   | 650,137    | 808,075    | 44.5       | -0.6  | 24.3  | 78.5    |
| 20 to 29 years                | 899,613       | 1,551,275 | 1,922,652  | 1,923,668  | 72.4       | 23.9  | 0.1   | 113.8   |
| 30 to 39 years                | 714,077       | 1,225,803 | 2,021,566  | 2,349,782  | 71.7       | 64.9  | 16.2  | 229.1   |
| 40 to 59 years                | 1,500,779     | 2,028,907 | 2,733,891  | 4,115,203  | 35.2       | 34.7  | 50.5  | 174.2   |
| 60 to 64 years                | 358,925       | 564,652   | 679,038    | 737,496    | 57.3       | 20.3  | 8.6   | 105.5   |
| 65+ years                     | 989,366       | 1,687,573 | 2,369,431  | 2,807,597  | 70.6       | 40.4  | 18.5  | 183.8   |
| <b>Education Level</b>        |               |           |            |            |            |       |       |         |
| Less than 9th grade           | 1,104,113     | 1,101,429 | 842,811    | 739,222    | -0.2       | -23.5 | -12.3 | -33.0   |
| 9th grade to 12th grade       | 778,424       | 981,519   | 1,428,263  | 1,480,726  | 26.1       | 45.5  | 3.7   | 90.2    |
| High school graduate          | 1,219,216     | 2,189,572 | 2,679,285  | 3,165,748  | 79.6       | 22.4  | 18.2  | 159.7   |
| Some college                  | 458,864       | 1,047,471 | 2,312,404  | 2,403,135  | 128.3      | 120.8 | 3.9   | 423.7   |
| Bachelor's degree             | 250,522       | 533,452   | 1,062,649  | 1,573,121  | 112.9      | 99.2  | 48.0  | 527.9   |
| Graduate or prof degree       | 156,742       | 396,682   | 561,756    | 889,207    | 153.1      | 41.6  | 58.3  | 467.3   |
| <b>Disability Status</b>      |               |           |            |            |            |       |       |         |
| With work disability          | n/a           | n/a       | 1,345,289  | 1,375,413  | n/a        | n/a   | 2.2   | n/a     |
| No work disability            | n/a           | n/a       | 8,756,870  | 8,339,721  | n/a        | n/a   | -4.8  | n/a     |
| <b>Household Income</b>       |               |           |            |            |            |       |       |         |
| Nominal income (\$)           | 7,168         | 14,675    | 27,483     | 38,819     | 104.7      | 87.3  | 41.2  | 441.6   |
| <b>Poverty Status in 1999</b> |               |           |            |            |            |       |       |         |
| Income above poverty level    | 5,701,218     | 8,459,268 | 11,037,300 | 13,652,738 | 48.4       | 30.5  | 23.7  | 139.5   |
| Income below poverty level    | 1,088,225     | 1,287,056 | 1,604,186  | 1,952,629  | 18.3       | 24.6  | 21.7  | 79.4    |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-4**  
**DEMOGRAPHIC TRENDS, UNITED STATES (1970-2000)**

| Demographic Characteristics   | UNITED STATES |             |             |             |            |       |       |       |
|-------------------------------|---------------|-------------|-------------|-------------|------------|-------|-------|-------|
|                               | Calendar Year |             |             |             | Change (%) |       |       |       |
|                               | 1970          | 1980        | 1990        | 2000        | 70-80      | 80-90 | 90-00 | 70-00 |
| <b>Gender</b>                 |               |             |             |             |            |       |       |       |
| Male                          | 98,912,192    | 110,053,161 | 121,239,418 | 138,053,563 | 11.3       | 10.2  | 13.9  | 39.6  |
| Female                        | 104,299,734   | 116,492,644 | 127,470,455 | 143,368,343 | 11.7       | 9.4   | 12.5  | 37.5  |
| <b>Ethnic Origin</b>          |               |             |             |             |            |       |       |       |
| White                         | 177,748,975   | 188,371,622 | 199,686,070 | 211,460,626 | 6.0        | 6.0   | 5.9   | 19.0  |
| African American              | 22,580,289    | 26,495,025  | 29,986,060  | 34,658,190  | 17.3       | 13.2  | 15.6  | 53.5  |
| Other                         | 2,882,662     | 11,679,158  | 19,037,743  | 28,476,862  | 305.2      | 63.0  | 49.6  | 887.9 |
| <b>Hispanic Origin</b>        |               |             |             |             |            |       |       |       |
| Not Hispanic                  | n/a           | 211,937,132 | 226,355,814 | 246,116,088 | n/a        | 6.8   | 8.7   | n/a   |
| Hispanic                      | n/a           | 14,608,673  | 22,354,059  | 35,305,818  | n/a        | 53.0  | 57.9  | n/a   |
| <b>Age</b>                    |               |             |             |             |            |       |       |       |
| < 16 years                    | 61,929,086    | 55,350,237  | 56,889,480  | 64,272,779  | -10.6      | 2.8   | 13.0  | 3.8   |
| 16 to 19 years                | 15,041,314    | 17,108,226  | 14,432,406  | 16,200,486  | 13.7       | -15.6 | 12.3  | 7.7   |
| 20 to 29 years                | 29,848,014    | 40,839,623  | 40,333,357  | 38,345,337  | 36.8       | -1.2  | -4.9  | 28.5  |
| 30 to 39 years                | 22,537,287    | 31,526,222  | 41,826,004  | 43,217,052  | 39.9       | 32.7  | 3.3   | 91.8  |
| 40 to 59 years                | 45,173,939    | 46,084,449  | 53,370,628  | 73,589,052  | 2.0        | 15.8  | 37.9  | 62.9  |
| 60 to 64 years                | 8,616,784     | 10,087,621  | 10,616,167  | 10,805,447  | 17.1       | 5.2   | 1.8   | 25.4  |
| 65+ years                     | 20,065,502    | 25,549,427  | 31,241,831  | 34,991,753  | 27.3       | 22.3  | 12.0  | 74.4  |
| <b>Education Level</b>        |               |             |             |             |            |       |       |       |
| Less than 9th grade           | 31,087,390    | 24,257,683  | 16,502,211  | 13,755,477  | -22.0      | -32.0 | -16.6 | -55.8 |
| 9th grade to 12th grade       | 21,285,922    | 20,277,514  | 22,841,507  | 21,960,148  | -4.7       | 12.6  | -3.9  | 3.2   |
| High school graduate          | 34,158,051    | 45,947,035  | 47,642,763  | 52,168,981  | 34.5       | 3.7   | 9.5   | 52.7  |
| Some college                  | 11,650,730    | 20,794,975  | 39,571,702  | 38,351,595  | 78.5       | 90.3  | -3.1  | 229.2 |
| Bachelor's degree             | 6,657,604     | 11,420,499  | 20,832,567  | 28,317,792  | 71.5       | 82.4  | 35.9  | 325.3 |
| Graduate or prof degree       | 5,059,662     | 10,137,981  | 11,477,686  | 16,144,813  | 100.4      | 13.2  | 40.7  | 219.1 |
| <b>Disability Status</b>      |               |             |             |             |            |       |       |       |
| With work disability          | n/a           | n/a         | 22,537,613  | 21,287,570  | n/a        | n/a   | -5.5  | n/a   |
| No work disability            | n/a           | n/a         | 164,349,820 | 157,399,664 | n/a        | n/a   | -4.2  | n/a   |
| <b>Household Income</b>       |               |             |             |             |            |       |       |       |
| Nominal income (\$)           | 8,486         | 16,841      | 30,056      | 41,994      | 98.5       | 78.5  | 39.7  | 394.9 |
| <b>Poverty Status in 1999</b> |               |             |             |             |            |       |       |       |
| Income above poverty          | 176,003,343   | 199,153,225 | 210,234,995 | 239,982,420 | 13.2       | 5.6   | 14.1  | 36.4  |
| Income below poverty level    | 27,208,583    | 27,392,580  | 31,742,855  | 33,899,812  | 0.7        | 15.9  | 6.8   | 24.6  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-5**  
**DISTRIBUTION OF DEMOGRAPHIC CHARACTERISTICS, FLORIDA AND U.S. (1970-2000)**

| Demographic Characteristics   | Florida (%) |      |      |      | United States (%) |      |      |      |
|-------------------------------|-------------|------|------|------|-------------------|------|------|------|
|                               | 1970        | 1980 | 1990 | 2000 | 1970              | 1980 | 1990 | 2000 |
| <b>Gender</b>                 |             |      |      |      |                   |      |      |      |
| Male                          | 48.2        | 48.0 | 48.4 | 48.8 | 48.7              | 48.6 | 48.7 | 49.1 |
| Female                        | 51.8        | 52.0 | 51.6 | 51.2 | 51.3              | 51.4 | 51.3 | 50.9 |
| <b>Ethnic Origin</b>          |             |      |      |      |                   |      |      |      |
| White                         | 84.2        | 84.0 | 83.1 | 78.0 | 87.5              | 83.1 | 80.3 | 77.0 |
| African-American              | 15.3        | 13.8 | 13.6 | 14.6 | 11.1              | 11.7 | 12.1 | 12.6 |
| Other                         | 0.4         | 2.2  | 3.3  | 5.0  | 1.4               | 5.2  | 7.7  | 10.4 |
| <b>Hispanic Origin</b>        |             |      |      |      |                   |      |      |      |
| Not Hispanic                  | n/a         | 91.2 | 87.8 | 83.2 | n/a               | 93.6 | 91.0 | 87.5 |
| Hispanic                      | n/a         | 8.8  | 12.2 | 16.8 | n/a               | 6.4  | 9.0  | 12.5 |
| <b>Age</b>                    |             |      |      |      |                   |      |      |      |
| < 16 years                    | 27.6        | 20.9 | 19.8 | 20.3 | 30.5              | 24.4 | 22.9 | 22.8 |
| 16 to 19 years                | 6.7         | 6.7  | 5.0  | 5.1  | 7.4               | 7.6  | 5.8  | 5.8  |
| 20 to 29 years                | 13.3        | 15.9 | 14.9 | 12.0 | 14.7              | 18.0 | 16.2 | 13.6 |
| 30 to 39 years                | 10.5        | 12.6 | 15.6 | 14.7 | 11.1              | 13.9 | 16.8 | 15.4 |
| 40 to 59 years                | 22.1        | 20.8 | 21.1 | 25.7 | 22.2              | 20.3 | 21.5 | 26.1 |
| 60 to 64 years                | 5.3         | 5.8  | 5.2  | 4.6  | 4.2               | 4.5  | 4.3  | 3.8  |
| 65+ years                     | 14.6        | 17.3 | 18.3 | 17.6 | 9.9               | 11.3 | 12.6 | 12.4 |
| <b>Education Level</b>        |             |      |      |      |                   |      |      |      |
| Less than 9th grade           | 27.8        | 17.6 | 9.5  | 6.7  | 28.3              | 18.3 | 10.4 | 8.1  |
| 9th grade to 12th grade       | 19.6        | 15.7 | 16.1 | 13.4 | 19.4              | 15.3 | 14.4 | 12.9 |
| High school graduate          | 30.7        | 35.0 | 30.1 | 28.7 | 31.1              | 34.6 | 30.0 | 30.6 |
| Some college                  | 11.6        | 16.8 | 26.0 | 21.8 | 10.6              | 15.7 | 24.9 | 22.5 |
| Bachelor's degree             | 6.3         | 8.5  | 12.0 | 14.3 | 6.1               | 8.6  | 13.1 | 16.6 |
| Graduate or prof degree       | 4.0         | 6.3  | 6.3  | 8.1  | 4.6               | 7.6  | 7.2  | 9.5  |
| <b>Disability Status</b>      |             |      |      |      |                   |      |      |      |
| With work disability          | n/a         | n/a  | 13.3 | 7.4  | n/a               | n/a  | 12.1 | 11.9 |
| No work disability            | n/a         | n/a  | 86.7 | 92.5 | n/a               | n/a  | 87.9 | 88.2 |
| <b>Poverty Status in 1999</b> |             |      |      |      |                   |      |      |      |
| Income above poverty level    | 84.0        | 86.8 | 87.3 | 87.5 | 86.6              | 87.9 | 86.9 | 87.6 |
| Income below poverty level    | 16.0        | 13.2 | 12.7 | 12.5 | 13.4              | 12.1 | 13.1 | 12.4 |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6  
DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Alachua | Baker   | Bay     | Bradford | Brevard | Broward   | Calhoun | Charlotte |
|-------------------------------|---------|---------|---------|----------|---------|-----------|---------|-----------|
| <b>Gender</b>                 |         |         |         |          |         |           |         |           |
| Male                          | 106,405 | 11,688  | 73,406  | 14,596   | 233,186 | 783,232   | 7,024   | 67,648    |
| Female                        | 111,550 | 10,571  | 74,811  | 11,492   | 243,044 | 839,786   | 5,993   | 73,979    |
| <b>Ethnic Origin</b>          |         |         |         |          |         |           |         |           |
| White                         | 160,128 | 18,707  | 124,761 | 19,900   | 413,411 | 1,145,287 | 10,397  | 131,125   |
| African-American              | 42,062  | 3,098   | 15,772  | 5,423    | 40,000  | 333,304   | 2,056   | 6,219     |
| Other                         | 11,356  | 236     | 4,815   | 441      | 14,390  | 90,006    | 375     | 2,675     |
| <b>Hispanic Origin</b>        |         |         |         |          |         |           |         |           |
| Not Hispanic                  | 205,462 | 21,840  | 144,626 | 25,466   | 454,260 | 1,351,366 | 12,525  | 136,960   |
| Hispanic                      | 12,493  | 419     | 3,591   | 622      | 21,970  | 271,652   | 492     | 4,667     |
| <b>Age</b>                    |         |         |         |          |         |           |         |           |
| < 16 years                    | 38,771  | 5,388   | 31,477  | 4,995    | 92,483  | 342,935   | 1,936   | 19,490    |
| 16 to 19 years                | 19,770  | 1,446   | 8,053   | 1,420    | 22,941  | 74,541    | 696     | 4,828     |
| 20 to 29 years                | 53,662  | 3,001   | 18,616  | 3,674    | 44,229  | 188,650   | 1,892   | 9,049     |
| 30 to 39 years                | 28,055  | 3,522   | 22,682  | 4,227    | 66,592  | 268,525   | 2,087   | 13,535    |
| 40 to 59 years                | 50,134  | 5,953   | 40,653  | 7,244    | 129,833 | 426,704   | 3,322   | 34,567    |
| 60 to 64 years                | 6,645   | 899     | 6,919   | 1,152    | 25,471  | 60,554    | 599     | 10,991    |
| 65+ years                     | 20,918  | 2,050   | 19,817  | 3,376    | 94,681  | 261,109   | 1,816   | 49,167    |
| <b>Education Level</b>        |         |         |         |          |         |           |         |           |
| Less than 9th grade           | 4,592   | 1,164   | 4,970   | 1,301    | 11,314  | 61,183    | 1,140   | 4,633     |
| 9th grade to 12th grade       | 10,166  | 2,758   | 13,946  | 3,319    | 35,102  | 142,051   | 1,602   | 15,552    |
| High school graduate          | 25,033  | 5,780   | 30,550  | 7,179    | 98,108  | 319,416   | 3,427   | 40,343    |
| Some college                  | 24,052  | 2,144   | 24,932  | 3,509    | 30,395  | 242,937   | 1,648   | 26,033    |
| Bachelor's degree             | 24,362  | 744     | 11,017  | 907      | 51,616  | 178,523   | 415     | 12,336    |
| Graduate or prof degree       | 23,441  | 399     | 6,619   | 595      | 28,404  | 98,004    | 268     | 7,539     |
| <b>Disability Status</b>      |         |         |         |          |         |           |         |           |
| With work disability          | 13,020  | 1,619   | 11,978  | 2,280    | 35,356  | 136,277   | 1,183   | 10,402    |
| No work disability            | 143,327 | 143,597 | 79,408  | 11,566   | 248,541 | 876,111   | 5,928   | 61,236    |
| <b>Household Income</b>       |         |         |         |          |         |           |         |           |
| Median income (\$)            | 31,426  | 40,035  | 36,092  | 33,140   | 40,099  | 41,691    | 26,575  | 36,379    |
| <b>Poverty Status in 1999</b> |         |         |         |          |         |           |         |           |
| Income above poverty level    | 159,285 | 17,207  | 125,868 | 18,629   | 422,557 | 1,419,646 | 9,009   | 12,338    |
| Income below poverty level    | 46,939  | 2,961   | 18,882  | 3,183    | 44,218  | 184,589   | 2,252   | 11,419    |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Citrus  | Clay    | Collier | Columbia | Dade      | Desoto | Dixie   | Duval   |
|-------------------------------|---------|---------|---------|----------|-----------|--------|---------|---------|
| <b>Gender</b>                 |         |         |         |          |           |        |         |         |
| Male                          | 56,691  | 69,335  | 125,856 | 28,656   | 1,088,895 | 18,103 | 7,364   | 377,781 |
| Female                        | 61,394  | 71,479  | 125,521 | 27,857   | 1,164,467 | 14,106 | 6,463   | 401,098 |
| <b>Ethnic Origin</b>          |         |         |         |          |           |        |         |         |
| White                         | 112,236 | 123,128 | 216,345 | 45,053   | 1,570,558 | 23,619 | 12,279  | 512,469 |
| African-American              | 2,791   | 9,439   | 11,419  | 9,623    | 457,214   | 4,098  | 1,241   | 216,780 |
| Other                         | 1,796   | 5,416   | 18,009  | 1,037    | 140,168   | 4,033  | 164     | 34,371  |
| <b>Hispanic Origin</b>        |         |         |         |          |           |        |         |         |
| Not Hispanic                  | 114,944 | 134,755 | 202,081 | 54,967   | 961,625   | 24,190 | 13,578  | 746,933 |
| Hispanic                      | 3,141   | 6,059   | 49,296  | 1,546    | 1,291,737 | 8,019  | 249     | 31,946  |
| <b>Age</b>                    |         |         |         |          |           |        |         |         |
| < 16 years                    | 17,753  | 34,747  | 44,364  | 12,598   | 495,833   | 6,357  | 2,656   | 183,170 |
| 16 to 19 years                | 4,423   | 8,431   | 10,580  | 3,339    | 123,533   | 2,006  | 720     | 43,243  |
| 20 to 29 years                | 7,625   | 15,505  | 25,069  | 6,839    | 308,580   | 5,028  | 1,582   | 113,029 |
| 30 to 39 years                | 11,417  | 22,376  | 32,082  | 7,773    | 365,408   | 4,157  | 1,829   | 128,533 |
| 40 to 59 years                | 29,611  | 40,284  | 48,010  | 15,358   | 562,039   | 6,916  | 3,788   | 202,490 |
| 60 to 64 years                | 9,246   | 5,699   | 16,459  | 2,697    | 97,417    | 1,632  | 883     | 26,661  |
| 65+ years                     | 38,010  | 13,772  | 61,513  | 7,909    | 300,552   | 6,113  | 2,369   | 81,753  |
| <b>Education Level</b>        |         |         |         |          |           |        |         |         |
| Less than 9th grade           | 5,003   | 2,900   | 14,918  | 2,499    | 219,066   | 4,121  | 1,085   | 21,669  |
| 9th grade to 12th grade       | 15,075  | 9,397   | 18,904  | 6,834    | 260,287   | 3,615  | 2,203   | 64,667  |
| High school graduate          | 35,203  | 28,640  | 48,643  | 12,875   | 332,997   | 7,497  | 3,798   | 145,209 |
| Some college                  | 19,870  | 23,578  | 40,388  | 8,128    | 262,157   | 3,470  | 1,594   | 121,027 |
| Bachelor's degree             | 7,672   | 12,073  | 33,700  | 2,545    | 183,978   | 1,100  | 357     | 75,029  |
| Graduate or prof degree       | 4,505   | 6,086   | 18,057  | 1,483    | 139,421   | 679    | 294     | 34,444  |
| <b>Disability Status</b>      |         |         |         |          |           |        |         |         |
| With work disability          | 10,590  | 10,460  | 22,267  | 5,298    | 224,868   | 2,851  | 1,453   | 69,036  |
| No work disability            | 51,308  | 78,954  | 122,556 | 28,620   | 1,211,883 | 14,926 | 6,318   | 426,606 |
| <b>Household Income</b>       |         |         |         |          |           |        |         |         |
| Median income (\$)            | 31,001  | 48,854  | 48,289  | 30,881   | 35,966    | 30,714 | 260,824 | 40,703  |
| <b>Poverty Status in 1999</b> |         |         |         |          |           |        |         |         |
| Income above poverty level    | 102,435 | 129,725 | 222,495 | 45,458   | 1,812,094 | 22,803 | 10,277  | 671,898 |
| Income below poverty level    | 13,541  | 9,437   | 25,449  | 8,027    | 396,995   | 7,030  | 2,428   | 90,828  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Escambia | Flagler | Franklin | Gadsen | Gilchrist | Glades | Gulf   | Hamilton |
|-------------------------------|----------|---------|----------|--------|-----------|--------|--------|----------|
| <b>Gender</b>                 |          |         |          |        |           |        |        |          |
| Male                          | 146,183  | 23,887  | 6,242    | 21,448 | 7,643     | 5,801  | 7,119  | 7,657    |
| Female                        | 148,227  | 25,945  | 4,815    | 23,639 | 6,794     | 4,775  | 6,213  | 5,670    |
| <b>Ethnic Origin</b>          |          |         |          |        |           |        |        |          |
| White                         | 213,008  | 43,490  | 8,983    | 17,448 | 13,068    | 8,142  | 10,651 | 7,835    |
| African-American              | 63,010   | 4,401   | 1,804    | 25,763 | 1,010     | 1,114  | 2,259  | 5,027    |
| Other                         | 12,024   | 1,208   | 122      | 1,474  | 177       | 1,153  | 215    | 309      |
| <b>Hispanic Origin</b>        |          |         |          |        |           |        |        |          |
| Not Hispanic                  | 286,475  | 47,295  | 10,789   | 42,305 | 14,033    | 8,982  | 270    | 12,480   |
| Hispanic                      | 2,679    | 2,537   | 268      | 2,782  | 404       | 1,594  | 13,062 | 847      |
| <b>Age</b>                    |          |         |          |        |           |        |        |          |
| < 16 years                    | 61,480   | 7,848   | 1,776    | 10,477 | 3,094     | 2,066  | 2,529  | 2,747    |
| 16 to 19 years                | 20,163   | 1,915   | 442      | 2,861  | 939       | 501    | 640    | 722      |
| 20 to 29 years                | 43,889   | 3,319   | 1,385    | 5,824  | 2,306     | 1,264  | 1,454  | 2,103    |
| 30 to 39 years                | 42,387   | 5,141   | 1,742    | 6,496  | 1,778     | 1,424  | 1,981  | 2,176    |
| 40 to 59 years                | 74,860   | 13,341  | 3,262    | 12,064 | 3,651     | 2,639  | 3,809  | 3,541    |
| 60 to 64 years                | 12,462   | 3,999   | 709      | 1,878  | 701       | 692    | 761    | 548      |
| 65+ years                     | 39,169   | 14,269  | 1,741    | 5,487  | 1,968     | 1,990  | 2,158  | 1,490    |
| <b>Education Level</b>        |          |         |          |        |           |        |        |          |
| Less than 9th grade           | 9,567    | 1,222   | 664      | 3,242  | 695       | 715    | 818    | 921      |
| 9th grade to 12th grade       | 24,475   | 4,231   | 1,939    | 5,238  | 1,752     | 1,518  | 1,794  | 2,330    |
| High school graduate          | 53,751   | 12,330  | 2,983    | 10,384 | 3,197     | 2,727  | 3,539  | 3,073    |
| Some college                  | 46,468   | 9,881   | 1,326    | 5,153  | 1,892     | 1,380  | 1,910  | 1,405    |
| Bachelor's degree             | 25,870   | 5,170   | 513      | 2,314  | 560       | 412    | 628    | 452      |
| Graduate or prof degree       | 13,919   | 3,021   | 505      | 1,430  | 276       | 316    | 338    | 184      |
| <b>Disability Status</b>      |          |         |          |        |           |        |        |          |
| With work disability          | 21,406   | 3,614   | 859      | 4,490  | 1,210     | 906    | 1,117  | 1,199    |
| No work disability            | 153,037  | 23,900  | 5,111    | 22,470 | 7,032     | 4,833  | 6,167  | 5,681    |
| <b>Household Income</b>       |          |         |          |        |           |        |        |          |
| Median income (\$)            | 35,234   | 40,214  | 26,756   | 31,248 | 30,328    | 30,774 | 30,276 | 25,638   |
| <b>Poverty Status in 1999</b> |          |         |          |        |           |        |        |          |
| Income above poverty level    | 209,669  | 25,878  | 6,428    | 28,246 | 7,191     | 6,424  | 9,162  | 7,067    |
| Income below poverty level    | 43,010   | 2,658   | 2,332    | 10,962 | 1,527     | 1,047  | 1,895  | 2,725    |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Hardee | Hendry | Hernando | Highlands | Hillsborough | Holmes | Indian River |
|-------------------------------|--------|--------|----------|-----------|--------------|--------|--------------|
| <b>Gender</b>                 |        |        |          |           |              |        |              |
| Male                          | 14,645 | 20,120 | 62,130   | 42,600    | 488,772      | 9,846  | 54,633       |
| Female                        | 12,293 | 16,090 | 68,672   | 44,766    | 510,176      | 8,718  | 58,314       |
| <b>Ethnic Origin</b>          |        |        |          |           |              |        |              |
| White                         | 19,035 | 23,926 | 121,453  | 72,926    | 750,903      | 16,669 | 98,754       |
| African-American              | 2,244  | 5,340  | 5,330    | 8,155     | 149,423      | 1,208  | 9,253        |
| Other                         | 5,127  | 5,777  | 2,545    | 4,947     | 26,553       | 282    | 3,573        |
| <b>Hispanic Origin</b>        |        |        |          |           |              |        |              |
| Not Hispanic                  | 17,327 | 21,874 | 124,215  | 76,824    | 819,256      | 18,206 | 105,566      |
| Hispanic                      | 9,611  | 14,336 | 6,587    | 10,542    | 179,692      | 358    | 7,381        |
| <b>Age</b>                    |        |        |          |           |              |        |              |
| < 16 years                    | 6,556  | 9,576  | 21,797   | 4,814     | 226,185      | 3,742  | 19,024       |
| 16 to 19 years                | 1,790  | 2,737  | 5,253    | 3,890     | 53,891       | 1,029  | 5,007        |
| 20 to 29 years                | 4,128  | 6,096  | 9,770    | 7,349     | 139,561      | 2,427  | 9,229        |
| 30 to 39 years                | 3,808  | 5,254  | 13,526   | 8,440     | 162,590      | 2,844  | 12,663       |
| 40 to 59 years                | 5,839  | 7,552  | 31,629   | 185       | 259,910      | 4,799  | 27,598       |
| 60 to 64 years                | 1,067  | 1,354  | 8,474    | 18,544    | 37,138       | 974    | 6,454        |
| 65+ years                     | 3,750  | 3,641  | 40,353   | 22,833    | 119,673      | 2,749  | 32,972       |
| <b>Education Level</b>        |        |        |          |           |              |        |              |
| Less than 9th grade           | 3,956  | 5,109  | 5,280    | 5,567     | 41,209       | 1,507  | 5,292        |
| 9th grade to 12th grade       | 2,985  | 4,311  | 16,055   | 11,020    | 84,574       | 2,897  | 10,299       |
| High school graduate          | 5,200  | 5,977  | 37,395   | 22,517    | 174,283      | 4,782  | 24,572       |
| Some college                  | 2,485  | 2,829  | 21,898   | 14,028    | 139,426      | 1,898  | 19,620       |
| Bachelor's degree             | 910    | 1,236  | 8,106    | 5,429     | 109,058      | 715    | 12,833       |
| Graduate or prof degree       | 476    | 459    | 4,509    | 3,408     | 55,051       | 401    | 6,700        |
| <b>Disability Status</b>      |        |        |          |           |              |        |              |
| With work disability          | 2,337  | 3,676  | 10,303   | 7,013     | 89,339       | 1,684  | 9,083        |
| No work disability            | 12,930 | 18,212 | 57,457   | 35,988    | 555,627      | 8,895  | 51,022       |
| <b>Household Income</b>       |        |        |          |           |              |        |              |
| Median income (\$)            | 30,183 | 33,592 | 32,572   | 30,160    | 40,663       | 27,923 | 39,635       |
| <b>Poverty Status in 1999</b> |        |        |          |           |              |        |              |
| Income above poverty level    | 19,112 | 26,302 | 115,454  | 72,786    | 859,140      | 13,633 | 100,702      |
| Income below poverty level    | 6,232  | 8,373  | 13,307   | 13,065    | 122,872      | 3,209  | 10,325       |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Jackson | Jefferson | Lafayette | Lake    | Lee     | Leon    | Levy   | Liberty |
|-------------------------------|---------|-----------|-----------|---------|---------|---------|--------|---------|
| <b>Gender</b>                 |         |           |           |         |         |         |        |         |
| Male                          | 24,533  | 6,581     | 4,200     | 101,866 | 215,504 | 114,134 | 16,690 | 4,154   |
| Female                        | 22,222  | 6,321     | 2,822     | 108,662 | 225,384 | 125,318 | 17,760 | 2,867   |
| <b>Ethnic Origin</b>          |         |           |           |         |         |         |        |         |
| White                         | 32,811  | 7,647     | 5,566     | 184,138 | 386,598 | 158,893 | 29,586 | 5,365   |
| African-American              | 12,418  | 4,947     | 1,009     | 17,503  | 29,035  | 69,704  | 3,778  | 1,294   |
| Other                         | 873     | 167       | 362       | 6,410   | 18,402  | 7,221   | 631    | 283     |
| <b>Hispanic Origin</b>        |         |           |           |         |         |         |        |         |
| Not Hispanic                  | 45,394  | 12,612    | 6,380     | 198,720 | 42,042  | 231,045 | 33,111 | 6,705   |
| Hispanic                      | 1,361   | 290       | 642       | 11,808  | 398,846 | 8,407   | 1,339  | 316     |
| <b>Age</b>                    |         |           |           |         |         |         |        |         |
| < 16 years                    | 8,996   | 2,553     | 1,326     | 38,097  | 77,068  | 45,217  | 7,100  | 1,319   |
| 16 to 19 years                | 2,856   | 700       | 400       | 8,506   | 17,661  | 21,616  | 1,841  | 377     |
| 20 to 29 years                | 6,327   | 1,491     | 1,191     | 18,095  | 40,613  | 54,799  | 3,312  | 1,165   |
| 30 to 39 years                | 7,021   | 1,835     | 1,221     | 26,023  | 54,192  | 32,700  | 4,369  | 731     |
| 40 to 59 years                | 12,631  | 3,909     | 1,694     | 50,687  | 111,387 | 58,402  | 9,481  | 1,824   |
| 60 to 64 years                | 2,120   | 549       | 321       | 13,517  | 27,856  | 6,827   | 2,175  | 295     |
| 65+ years                     | 6,804   | 1,865     | 869       | 55,603  | 112,111 | 19,891  | 6,172  | 716     |
| <b>Education Level</b>        |         |           |           |         |         |         |        |         |
| Less than 9th grade           | 3,554   | 927       | 598       | 8,889   | 16,393  | 4,218   | 1,740  | 477     |
| 9th grade to 12th grade       | 6,253   | 1,464     | 910       | 22,593  | 41,627  | 10,749  | 4,531  | 1,186   |
| High school graduate          | 10,383  | 2,871     | 1,904     | 53,339  | 106,623 | 25,963  | 9,183  | 1,952   |
| Some college                  | 5,896   | 1,745     | 785       | 35,744  | 74,189  | 27,956  | 4,857  | 712     |
| Bachelor's degree             | 2,506   | 983       | 211       | 17,509  | 44,193  | 33,040  | 1,649  | 193     |
| Graduate or prof degree       | 1,568   | 523       | 129       | 8,302   | 24,960  | 24,356  | 904    | 163     |
| <b>Disability Status</b>      |         |           |           |         |         |         |        |         |
| With work disability          | 4,945   | 1,051     | 469       | 17,638  | 34,817  | 12,212  | 3,167  | 570     |
| No work disability            | 21,324  | 6,546     | 3,098     | 97,284  | 215,164 | 159,083 | 17,580 | 3,016   |
| <b>Household Income</b>       |         |           |           |         |         |         |        |         |
| Median income (\$)            | 29,744  | 32,998    | 30,651    | 36,903  | 40,319  | 37,517  | 26,959 | 28,840  |
| <b>Poverty Status in 1999</b> |         |           |           |         |         |         |        |         |
| Income above poverty level    | 40,730  | 11,905    | 5,718     | 206,670 | 435,087 | 225,863 | 33,708 | 5,611   |
| Income below poverty level    | 6,998   | 2,040     | 999       | 19,907  | 42,316  | 41,078  | 6,263  | 1,114   |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Madison | Manatee | Marion  | Martin  | Monroe | Nassau | Okaloosa | Okeechobee |
|-------------------------------|---------|---------|---------|---------|--------|--------|----------|------------|
| <b>Gender</b>                 |         |         |         |         |        |        |          |            |
| Male                          | 9,710   | 127,549 | 124,945 | 62,192  | 42,379 | 28,443 | 86,160   | 19,245     |
| Female                        | 9,023   | 136,453 | 133,971 | 64,539  | 37,210 | 29,220 | 84,338   | 16,665     |
| <b>Ethnic Origin</b>          |         |         |         |         |        |        |          |            |
| White                         | 10,769  | 227,981 | 217,909 | 113,912 | 72,151 | 51,909 | 142,218  | 28,468     |
| African-American              | 7,549   | 21,611  | 29,900  | 6,673   | 3,795  | 4,465  | 15,508   | 2,844      |
| Other                         | 220     | 10,733  | 7,384   | 4,704   | 2,225  | 712    | 7,731    | 3,883      |
| <b>Hispanic Origin</b>        |         |         |         |         |        |        |          |            |
| Not Hispanic                  | 18,133  | 239,462 | 243,300 | 117,225 | 67,036 | 873    | 163,196  | 29,226     |
| Hispanic                      | 600     | 24,540  | 15,616  | 9,506   | 12,553 | 56,790 | 7,302    | 6,684      |
| <b>Age</b>                    |         |         |         |         |        |        |          |            |
| < 16 years                    | 20,990  | 48,896  | 48,893  | 20,990  | 12,073 | 12,801 | 37,132   | 7,837      |
| 16 to 19 years                | 4,731   | 8,558   | 12,083  | 4,731   | 2,892  | 2,924  | 9,599    | 2,284      |
| 20 to 29 years                | 9,614   | 25,503  | 23,290  | 9,614   | 8,294  | 6,131  | 23,548   | 4,618      |
| 30 to 39 years                | 2,643   | 33,266  | 31,384  | 14,847  | 8,561  | 26,992 | 26,992   | 4,911      |
| 40 to 59 years                | 4,686   | 65,238  | 64,124  | 33,288  | 17,041 | 44,992 | 44,992   | 8,508      |
| 60 to 64 years                | 905     | 14,394  | 15,654  | 7,475   | 2,938  | 7,579  | 7,579    | 1,888      |
| 65+ years                     | 2,726   | 65,647  | 63,488  | 35,786  | 7,267  | 20,656 | 20,656   | 5,864      |
| <b>Education Level</b>        |         |         |         |         |        |        |          |            |
| Less than 9th grade           | 1,239   | 10,847  | 11,414  | 4,281   | 2,827  | 2,196  | 4,176    | 3,439      |
| 9th grade to 12th grade       | 2,746   | 24,930  | 29,399  | 9,902   | 6,405  | 5,202  | 9,295    | 4,722      |
| High school graduate          | 4,190   | 61,485  | 67,271  | 27,263  | 17,664 | 13,415 | 30,515   | 7,925      |
| Some college                  | 2,146   | 43,775  | 41,545  | 23,338  | 13,738 | 8,319  | 31,123   | 4,243      |
| Bachelor's degree             | 796     | 26,077  | 16,126  | 16,857  | 10,256 | 4,809  | 16,826   | 1,423      |
| Graduate or prof degree       | 456     | 13,982  | 9,500   | 8,556   | 5,327  | 2,555  | 10,424   | 665        |
| <b>Disability Status</b>      |         |         |         |         |        |        |          |            |
| With work disability          | 2,035   | 21,645  | 22,710  | 9,678   | 9,471  | 4,507  | 12,491   | 3,528      |
| No work disability            | 8,238   | 125,033 | 119,516 | 58,457  | 44,636 | 32,727 | 86,452   | 16,893     |
| <b>Household Income</b>       |         |         |         |         |        |        |          |            |
| Median income (\$)            | 26,533  | 38,673  | 31,944  | 43,083  | 42,283 | 46,022 | 41,474   | 30,456     |
| <b>Poverty Status in 1999</b> |         |         |         |         |        |        |          |            |
| Income above poverty level    | 13,075  | 232,924 | 218,818 | 112,760 | 70,394 | 51,580 | 150,147  | 28,248     |
| Income below poverty level    | 3,919   | 26,104  | 32,918  | 10,844  | 7,977  | 5,192  | 14,562   | 5,391      |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Orange  | Osceola | Palm Beach | Pasco   | Pinellas | Polk    | Putnam | St. Johns |
|-------------------------------|---------|---------|------------|---------|----------|---------|--------|-----------|
| <b>Gender</b>                 |         |         |            |         |          |         |        |           |
| Male                          | 443,716 | 85,022  | 546,739    | 165,417 | 438,959  | 237,366 | 34,791 | 59,814    |
| Female                        | 452,628 | 87,471  | 584,445    | 179,348 | 482,523  | 246,558 | 35,632 | 63,321    |
| <b>Ethnic Origin</b>          |         |         |            |         |          |         |        |           |
| White                         | 614,830 | 133,169 | 894,207    | 323,036 | 791,111  | 385,099 | 54,868 | 111,955   |
| African-American              | 162,899 | 12,702  | 156,055    | 7,148   | 82,556   | 65,545  | 12,003 | 7,744     |
| Other                         | 87,844  | 20,365  | 53,994     | 9,822   | 32,669   | 25,027  | 2,708  | 2,240     |
| <b>Hispanic Origin</b>        |         |         |            |         |          |         |        |           |
| Not Hispanic                  | 727,983 | 121,766 | 990,509    | 325,162 | 878,722  | 437,991 | 66,255 | 119,891   |
| Hispanic                      | 168,361 | 50,727  | 140,675    | 19,603  | 42,760   | 45,933  | 4,168  | 3,244     |
| <b>Age</b>                    |         |         |            |         |          |         |        |           |
| < 16 years                    | 202,571 | 41,029  | 214,908    | 62,135  | 112,546  | 104,818 | 15,362 | 25,175    |
| 16 to 19 years                | 51,059  | 9,838   | 48,545     | 14,023  | 37,352   | 26,009  | 3,782  | 6,220     |
| 20 to 29 years                | 144,681 | 23,513  | 111,882    | 29,530  | 92,036   | 56,117  | 7,076  | 11,636    |
| 30 to 39 years                | 155,412 | 27,553  | 158,969    | 43,782  | 128,708  | 65,085  | 8,439  | 17,207    |
| 40 to 59 years                | 223,272 | 44,170  | 283,412    | 83,993  | 252,946  | 118,988 | 18,755 | 37,517    |
| 60 to 64 years                | 29,390  | 6,681   | 51,392     | 18,899  | 45,031   | 24,169  | 4,000  | 5,801     |
| 65+ years                     | 89,959  | 19,709  | 262,076    | 92,403  | 207,563  | 88,738  | 13,009 | 19,579    |
| <b>Education Level</b>        |         |         |            |         |          |         |        |           |
| Less than 9th grade           | 31,431  | 6,810   | 44,985     | 15,195  | 26,921   | 26,554  | 4,308  | 2,865     |
| 9th grade to 12th grade       | 73,160  | 16,285  | 89,361     | 42,102  | 82,777   | 55,786  | 9,852  | 8,172     |
| High school graduate          | 148,006 | 37,536  | 219,805    | 93,918  | 203,495  | 109,920 | 17,833 | 21,117    |
| Some college                  | 125,076 | 24,896  | 182,836    | 54,260  | 163,849  | 66,317  | 9,083  | 19,245    |
| Bachelor's degree             | 104,818 | 12,052  | 143,872    | 22,581  | 103,324  | 32,646  | 2,750  | 18,834    |
| Graduate or prof degree       | 45,191  | 5,364   | 82,743     | 10,967  | 53,911   | 16,023  | 1,757  | 9,726     |
| <b>Disability Status</b>      |         |         |            |         |          |         |        |           |
| With work disability          | 81,766  | 16,892  | 88,686     | 31,876  | 82,949   | 46,337  | 8,455  | 9,595     |
| No work disability            | 513,749 | 93,631  | 560,450    | 157,409 | 466,222  | 238,691 | 32,850 | 67,958    |
| <b>Household Income</b>       |         |         |            |         |          |         |        |           |
| Median income (\$)            | 41,311  | 38,214  | 45,062     | 32,969  | 37,111   | 36,036  | 28,180 | 50,099    |
| <b>Poverty Status in 1999</b> |         |         |            |         |          |         |        |           |
| Income above poverty level    | 770,858 | 149,963 | 1,002,446  | 303,213 | 813,157  | 410,239 | 54,776 | 111,222   |
| Income below poverty level    | 106,233 | 19,532  | 110,430    | 36,201  | 90,059   | 60,953  | 14,449 | 9,698     |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | St. Lucie | Santa Rosa | Sarasota | Seminole | Sumter | Suwannee | Taylor |
|-------------------------------|-----------|------------|----------|----------|--------|----------|--------|
| <b>Gender</b>                 |           |            |          |          |        |          |        |
| Male                          | 94,119    | 59,059     | 154,418  | 178,776  | 28,312 | 17,012   | 9,833  |
| Female                        | 98,576    | 58,684     | 171,539  | 186,420  | 25,033 | 17,832   | 9,423  |
| <b>Ethnic Origin</b>          |           |            |          |          |        |          |        |
| White                         | 152,504   | 106,822    | 301,985  | 300,948  | 44,061 | 29,455   | 14,988 |
| African-American              | 29,714    | 5,000      | 13,621   | 34,764   | 7,351  | 4,221    | 3,666  |
| Other                         | 6,969     | 3,595      | 7,039    | 21,540   | 1,139  | 720      | 337    |
| <b>Hispanic Origin</b>        |           |            |          |          |        |          |        |
| Not Hispanic                  | 176,962   | 114,775    | 311,815  | 324,465  | 3,356  | 33,141   | 18,961 |
| Hispanic                      | 15,733    | 2,968      | 14,142   | 40,731   | 49,989 | 1,703    | 295    |
| <b>Age</b>                    |           |            |          |          |        |          |        |
| < 16 years                    | 38,736    | 27,614     | 46,733   | 184,668  | 7,512  | 7,266    | 4,163  |
| 16 to 19 years                | 9,063     | 6,497      | 11,295   | 19,558   | 1,949  | 2,128    | 1,080  |
| 20 to 29 years                | 17,799    | 12,547     | 24,372   | 45,816   | 5,072  | 3,842    | 2,357  |
| 30 to 39 years                | 25,001    | 19,191     | 35,864   | 60,126   | 6,376  | 4,328    | 2,697  |
| 40 to 59 years                | 36,604    | 36,518     | 83,983   | 105,530  | 12,938 | 9,350    | 5,349  |
| 60 to 64 years                | 10,416    | 5,404      | 21,127   | 13,228   | 4,880  | 2,025    | 902    |
| 65+ years                     | 4,753     | 12,972     | 102,583  | 38,853   | 14,618 | 5,905    | 2,708  |
| <b>Education Level</b>        |           |            |          |          |        |          |        |
| Less than 9th grade           | 9,190     | 3,120      | 8,674    | 8,186    | 2,539  | 2,019    | 1,156  |
| 9th grade to 12th grade       | 21,273    | 8,265      | 24,490   | 19,337   | 6,897  | 4,267    | 2,717  |
| High school graduate          | 44,627    | 22,829     | 77,323   | 59,280   | 16,113 | 9,118    | 5,282  |
| Some college                  | 31,216    | 19,290     | 59,708   | 58,908   | 8,869  | 4,432    | 2,047  |
| Bachelor's degree             | 13,432    | 11,695     | 43,886   | 51,235   | 3,194  | 1,692    | 690    |
| Graduate or prof degree       | 7,130     | 6,186      | 26,560   | 24,256   | 1,886  | 770      | 457    |
| <b>Disability Status</b>      |           |            |          |          |        |          |        |
| With work disability          | 1,886     | 25,926     | 23,718   | 25,926   | 4,297  | 3,535    | 1,815  |
| No work disability            | 90,582    | 217,168    | 151,372  | 217,168  | 20,899 | 17,993   | 9,516  |
| <b>Household Income</b>       |           |            |          |          |        |          |        |
| Median income (\$)            | 36,363    | 41,881     | 41,957   | 49,326   | 32,073 | 29,963   | 30,032 |
| <b>Poverty Status in 1999</b> |           |            |          |          |        |          |        |
| Income above poverty level    | 164,600   | 103,502    | 294,453  | 334,846  | 40,528 | 27,935   | 14,694 |
| Income below poverty level    | 25,464    | 11,282     | 24,817   | 26,804   | 6,448  | 6,325    | 3,229  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 1-6 (Continued)**  
**DEMOGRAPHIC CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| Demographic Characteristics   | Union  | Volusia | Wakulla | Walton | Washington | Florida    |
|-------------------------------|--------|---------|---------|--------|------------|------------|
| <b>Gender</b>                 |        |         |         |        |            |            |
| Male                          | 8,693  | 215,361 | 11,836  | 20,812 | 10,783     | 7,797,715  |
| Female                        | 4,749  | 227,982 | 11,027  | 19,789 | 10,190     | 8,184,663  |
| <b>Ethnic Origin</b>          |        |         |         |        |            |            |
| White                         | 9,896  | 381,760 | 19,684  | 35,896 | 17,140     | 12,465,029 |
| African-American              | 3,070  | 41,198  | 2,631   | 2,832  | 2,872      | 2,335,505  |
| Other                         | 274    | 14,038  | 266     | 1,035  | 532        | 805,529    |
| <b>Hispanic Origin</b>        |        |         |         |        |            |            |
| Not Hispanic                  | 12,965 | 414,232 | 22,420  | 39,721 | 20,490     | 13,299,663 |
| Hispanic                      | 477    | 29,111  | 443     | 880    | 483        | 2,682,715  |
| <b>Age</b>                    |        |         |         |        |            |            |
| < 16 years                    | 2,560  | 79,254  | 5,148   | 7,771  | 4,282      | 3,240,557  |
| 16 to 19 years                | 723    | 22,149  | 1,324   | 1,931  | 1,105      | 808,075    |
| 20 to 29 years                | 1,930  | 47,484  | 2,517   | 4,420  | 2,396      | 1,923,668  |
| 30 to 39 years                | 2,872  | 56,680  | 3,732   | 5,819  | 3,091      | 2,349,782  |
| 40 to 59 years                | 3,931  | 116,341 | 6,782   | 11,832 | 5,733      | 4,115,203  |
| 60 to 64 years                | 423    | 23,624  | 1,010   | 2,397  | 1,073      | 737,496    |
| 65+ years                     | 1,003  | 71,201  | 2,350   | 6,431  | 3,293      | 2,807,597  |
| <b>Education Level</b>        |        |         |         |        |            |            |
| Less than 9th grade           | 699    | 15,226  | 962     | 2,121  | 1,724      | 739,222    |
| 9th grade to 12th grade       | 1,879  | 41,756  | 2,324   | 4,813  | 2,403      | 1,480,726  |
| High school graduate          | 3,638  | 102,353 | 5,316   | 9,323  | 5,562      | 3,165,748  |
| Some college                  | 1,984  | 76,948  | 3,319   | 6,117  | 2,759      | 2,403,135  |
| Bachelor's degree             | 453    | 36,646  | 1,539   | 2,930  | 818        | 1,573,121  |
| Graduate or prof degree       | 252    | 19,315  | 854     | 1,752  | 506        | 889,207    |
| <b>Disability Status</b>      |        |         |         |        |            |            |
| With work disability          | 810    | 35,769  | 1,696   | 4,549  | 1,791      | 1,375,413  |
| No work disability            | 5,080  | 226,914 | 12,630  | 20,330 | 10,494     | 8,339,721  |
| <b>Household Income</b>       |        |         |         |        |            |            |
| Median income (\$)            | 34,563 | 35,219  | 37,149  | 32,407 | 27,922     | 38,819     |
| <b>Poverty Status in 1999</b> |        |         |         |        |            |            |
| Income above poverty level    | 7,991  | 379,552 | 19,173  | 33,199 | 15,834     | 13,652,738 |
| Income below poverty level    | 1,298  | 49,907  | 2,437   | 5,577  | 3,757      | 1,952,629  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.





## **Chapter 2: TRAVEL BEHAVIOR CHARACTERISTICS**







## ***Personal Travel***







## SECTION HIGHLIGHTS

### Florida

- According to the 2001 National Household Travel Survey (NHTS), persons in Florida made 22.1 billion person trips that covered 201.9 billion person miles of travel.
- It is evident from the 2001 NHTS data that Florida average annual household travel increases as household size and vehicle availability both increase. The Florida households traveling the most are those with three or more persons and four or more vehicles.
- In terms of average daily travel, males and females in Florida make approximately the same number of person trips each day; however, men travel more person miles due to higher average person trip lengths.
- In Florida, the typical household makes 2,079.9 vehicle trips covering 19,356 miles annually. An analysis of household vehicle travel by mode indicates that family/personal business accounts for the largest segment (537.2 trips) of annual vehicle trips while trips to and from work account for the largest segment of vehicle miles of travel (VMT) (4,485 miles).
- In Florida, the average person trip length for work purposes is 11.0 miles while the U.S. average is 12.2 miles.

### United States

- According to the 2001 NHTS, persons in the U.S. made 411 billion person trips that covered 4.03 trillion person miles of travel.
- Between 1977 and 2001, the number of household vehicles in the U.S. increased 70 percent, the number of person trips increased 94 percent, and the number of person miles of travel increased 114 percent.
- Similar to Florida, the data indicate that U.S. average annual household travel increases as household size and vehicle availability both increased. The U.S. households traveling the most are those with four or more persons and four or more vehicles.
- In terms of average daily travel, females in the U.S. make slightly more person trips each day than males; however, males travel significantly more person miles due to higher average person trip lengths.
- In the U.S., the typical household makes 2,189.4 vehicle trips covering 21,263 miles annually. An analysis of U.S. household vehicle travel by mode indicates that family/personal business accounts for the largest segment (555 trips) of annual vehicle trips while trips to and from work account for the largest segment of VMT (5,786 miles).

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**Table 2-1  
HOUSEHOLD AND TRAVEL CHARACTERISTICS (2001)**

| Characteristic                    | United States | Florida (Total) |
|-----------------------------------|---------------|-----------------|
| Household Vehicles (000)          | 203,872       | 11,323          |
| Household Vehicle Trips (000,000) | 234,994       | 13,663          |
| Household VMT (000,000)           | 2,281,863     | 126,565         |
| Person Trips (000,000)            | 410,969       | 22,130          |
| Person Miles of Travel (000,000)  | 4,026,158     | 201,920         |

Source: 2001 National Household Travel Survey.

**Table 2-2  
AVERAGE HOUSEHOLD CHARACTERISTICS (2001)**

| Characteristic                    | United States | Florida (Total) |
|-----------------------------------|---------------|-----------------|
| Vehicles per Household            | 1.90          | 1.72            |
| Daily Vehicle Trips per Household | 6.00          | 5.69            |
| Daily VMT per Household           | 58.23         | 52.72           |

Source: 2001 National Household Travel Survey.

**Table 2-3  
TRENDS IN HOUSEHOLD AND TRAVEL CHARACTERISTICS (UNITED STATES)**

| Characteristic                   | 1977      | 1983      | 1990      | 1995      | 2001      | Chg (%), 1977-2001 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| Household Vehicles (000)         | 120,098   | 143,714   | 165,221   | 176,067   | 203,872   | 70                 |
| Household Veh. Trips (000,000)   | 108,826   | 126,874   | 158,927   | 229,745   | 234,994   | 116                |
| Household VMT (000,000)          | 907,623   | 1,002,139 | 1,409,576 | 2,068,368 | 2,281,863 | 151                |
| Person Trips (000,000)           | 211,778   | 224,385   | 249,562   | 378,930   | 410,969   | 94                 |
| Person Miles of Travel (000,000) | 1,879,215 | 1,946,662 | 2,315,273 | 3,411,122 | 4,026,158 | 114                |

Notes: 1995 figures significantly higher due to the use of a travel diary methodology that allowed persons to record more information about more trips.

Source: 2001 National Household Travel Survey.



**Table 2-4**  
**AVERAGE ANNUAL HOUSEHOLD TRAVEL BY AVAILABLE VEHICLES (2001)**

| Household Vehicles | Person Trips |          |            | Person Miles |          |            |
|--------------------|--------------|----------|------------|--------------|----------|------------|
|                    | US (Total)   | FL (MSA) | FL (Total) | US (Total)   | FL (MSA) | FL (Total) |
| 0                  | 1,657.7      | 1,193.0  | 1,277.1    | 11,332.7     | 5,386.5  | 5,650.8    |
| 1                  | 2,432.2      | 2,241.6  | 2,197.3    | 19,916.2     | 18,827.1 | 18,794.6   |
| 2                  | 4,478.9      | 4,359.8  | 4,207.3    | 44,731.6     | 39,118.6 | 38,648.6   |
| 3                  | 5,134.7      | 4,616.2  | 4,586.5    | 54,319.5     | 40,035.9 | 40,884.0   |
| 4+                 | 5,831.1      | 6,259.7  | 6,041.0    | 65,215.8     | 68,788.0 | 70,238.3   |
| Total              | 3,827.6      | 3,440.7  | 3,364.8    | 37,494.5     | 30,592.5 | 30,698.0   |

Source: 2001 National Household Travel Survey.



**Table 2-5**  
**AVERAGE ANNUAL VEHICLE TRIPS, VEHICLE MILES, AND TRIP LENGTH BY GENDER (2001)**

| Gender | Average Vehicle Trip Length |          |            | Vehicle Miles |          |            | Vehicle Trips |          |            |
|--------|-----------------------------|----------|------------|---------------|----------|------------|---------------|----------|------------|
|        | US (Total)                  | FL (MSA) | FL (Total) | US (Total)    | FL (MSA) | FL (Total) | US (Total)    | FL (MSA) | FL (Total) |
| Male   | 11.6                        | 10.6     | 11.1       | 10,474.8      | 10,107.7 | 10,343.4   | 911.7         | 959.2    | 940.6      |
| Female | 7.9                         | 7.6      | 7.7        | 6,100.9       | 6,321.2  | 6,331.8    | 787.3         | 849.4    | 836.0      |
| Total  | 9.8                         | 9.1      | 9.4        | 8,235.6       | 8,118.7  | 8,243.6    | 848.0         | 901.5    | 885.8      |

Source: 2001 National Household Travel Survey.



**Table 2-6**  
**AVERAGE ANNUAL PERSON TRIPS, PERSON MILES, AND TRIP LENGTH BY GENDER (2001)**

| Gender | Person Trips |          |            | Person Miles |          |            | Person Trip Length |          |            |
|--------|--------------|----------|------------|--------------|----------|------------|--------------------|----------|------------|
|        | US (Total)   | FL (MSA) | FL (Total) | US (Total)   | FL (MSA) | FL (Total) | US (Total)         | FL (MSA) | FL (Total) |
| Male   | 1,475.0      | 1,439.5  | 1,416.1    | 15,988.9     | 14,732.5 | 14,910.2   | 11.0               | 10.3     | 10.6       |
| Female | 1,489.7      | 1,467.6  | 1,448.4    | 13,124.4     | 11,302.0 | 11,402.6   | 9.0                | 7.9      | 8.1        |
| Total  | 1,482.5      | 1,454.3  | 1,433.1    | 14,522.4     | 12,930.5 | 13,074.2   | 10.0               | 9.1      | 9.3        |

Source: 2001 National Household Travel Survey.



**Table 2-7**  
**DISTRIBUTION OF VEHICLE TRAVEL BY HOUSEHOLD INCOME CATEGORY (2001)**

| Household Income    | Vehicle Miles (%) |          |      | Vehicle Trips (%) |          |      | Households (%) |          |      |
|---------------------|-------------------|----------|------|-------------------|----------|------|----------------|----------|------|
|                     | US                | FL (MSA) | FL   | US                | FL (MSA) | FL   | US             | FL (MSA) | FL   |
| Less than \$5,000   | 0.8               | 1.6      | 1.5  | 1.0               | 1.8      | 1.7  | 3.1            | 2.7      | 2.6  |
| \$5,000 - \$9,999   | 2.5               | 3.1      | 3.1  | 2.8               | 3.1      | 3.3  | 6.5            | 7.4      | 7.7  |
| \$10,000 - \$14,999 | 2.7               | 4.2      | 4.1  | 3.2               | 4.4      | 4.4  | 6.0            | 7.8      | 7.6  |
| \$15,000 - \$19,999 | 4.5               | 6.3      | 6.9  | 5.0               | 6.6      | 7.0  | 7.3            | 8.3      | 8.8  |
| \$20,000 - \$24,999 | 4.6               | 6.3      | 7.6  | 4.8               | 6.5      | 6.9  | 6.2            | 6.8      | 6.9  |
| \$25,000 - \$29,999 | 6.7               | 9.6      | 10.1 | 7.1               | 8.6      | 9.0  | 8.4            | 9.7      | 10.6 |
| \$30,000 - \$34,999 | 5.0               | 4.5      | 4.2  | 5.4               | 5.0      | 4.9  | 5.6            | 4.8      | 4.7  |
| \$35,000 - \$39,999 | 8.6               | 7.9      | 7.5  | 8.5               | 10.3     | 10.1 | 8.4            | 9.6      | 9.2  |
| \$40,000 - \$44,999 | 4.2               | 4.5      | 4.2  | 4.2               | 3.0      | 2.9  | 4.1            | 3.9      | 3.7  |
| \$45,000 - \$49,999 | 7.5               | 6.6      | 6.5  | 7.6               | 7.1      | 7.1  | 6.9            | 7.1      | 6.9  |
| \$50,000 - \$54,999 | 4.0               | 4.7      | 5.4  | 4.0               | 4.0      | 4.1  | 3.3            | 3.5      | 3.5  |
| \$55,000 - \$59,999 | 7.3               | 7.9      | 7.5  | 7.0               | 7.0      | 7.0  | 5.7            | 6.0      | 6.0  |
| \$60,000 - \$64,999 | 3.2               | 2.9      | 2.7  | 3.1               | 2.5      | 2.4  | 2.4            | 2.0      | 1.9  |
| \$65,000 - \$69,999 | 5.5               | 6.0      | 5.5  | 5.2               | 5.5      | 5.3  | 4.0            | 4.0      | 3.7  |
| \$70,000 - \$74,999 | 2.8               | 2.1      | 2.1  | 2.6               | 2.1      | 2.1  | 1.9            | 1.7      | 1.7  |
| \$75,000 - \$79,999 | 4.9               | 3.8      | 3.9  | 4.9               | 5.2      | 5.3  | 3.5            | 2.8      | 2.7  |
| \$80,000 - \$99,999 | 9.6               | 10.4     | 9.7  | 8.8               | 8.2      | 7.9  | 6.3            | 5.5      | 5.3  |
| \$100,000 or more   | 15.2              | 7.5      | 7.2  | 14.5              | 9.0      | 8.8  | 10.4           | 6.5      | 6.3  |
| Total               | 100               | 100      | 100  | 100               | 100      | 100  | 100            | 100      | 100  |

Source: 2001 National Household Travel Survey.



**Table 2-8**  
**SUMMARY OF ANNUAL HOUSEHOLD VEHICLE TRIP DATA BY PURPOSE (2001)**

| Trip Purpose        | Vehicle Trips per HH (Total) |          |         | VMT per HH (Total) |          |          | Avg. Vehicle Trip Length (Miles) |          |      |
|---------------------|------------------------------|----------|---------|--------------------|----------|----------|----------------------------------|----------|------|
|                     | US                           | FL (MSA) | FL      | US                 | FL (MSA) | FL       | US                               | FL (MSA) | FL   |
| To/From Work        | 479.4                        | 452.9    | 437.1   | 5,786.2            | 4,522.3  | 4,485.0  | 12.2                             | 10.2     | 10.5 |
| Shopping            | 456.6                        | 468.3    | 456.5   | 2,992.9            | 2,541.6  | 2,479.6  | 6.6                              | 5.5      | 5.5  |
| Family/Personal     | 555.0                        | 549.8    | 537.2   | 4,079.5            | 4,286.7  | 4,202.4  | 7.4                              | 7.8      | 7.9  |
| Social/Recreational | 297.7                        | 274.2    | 265.1   | 2,764.4            | 2,558.9  | 2,473.2  | 9.4                              | 9.4      | 9.4  |
| Others              | 395.5                        | 381.5    | 378.1   | 5,534.7            | 5,240.7  | 5,659.0  | 14.2                             | 14.0     | 15.2 |
| All Purposes        | 2,189.4                      | 2,132.9  | 2,079.9 | 21,262.9           | 19,208.1 | 19,355.7 | 9.8                              | 9.1      | 9.4  |

Source: 2001 National Household Travel Survey. Note: All Purposes include those vehicle trips with missing trip purpose.

**Table 2-9**  
**AVERAGE PERSON TRIP LENGTH BY TRIP PURPOSE (2001)**

| Trip Purpose        | Average Length of Person Trips (Miles) |          |            |
|---------------------|----------------------------------------|----------|------------|
|                     | US (Total)                             | FL (MSA) | FL (Total) |
| To/From Work        | 12.2                                   | 10.8     | 11.0       |
| Shopping            | 6.9                                    | 6.1      | 6.0        |
| Family/Personal     | 7.5                                    | 7.3      | 7.3        |
| Social/Recreational | 8.6                                    | 7.7      | 7.8        |
| Others              | 13.6                                   | 13.2     | 14.0       |
| All Purposes        | 10.0                                   | 9.1      | 9.3        |

Source: 2001 National Household Travel Survey.



**Table 2-10**  
**AVERAGE PERSON TRIP TRAVEL TIME BY**  
**TRIP PURPOSE (2001)**

| Trip Purpose        | Average Duration of Person Trips (Minutes) |            |
|---------------------|--------------------------------------------|------------|
|                     | US (Total)                                 | FL (Total) |
| To/From Work        | 23.5                                       | 24.5       |
| Shopping            | 15.5                                       | 14.8       |
| Family/Personal     | 16.1                                       | 16.8       |
| Social/Recreational | 20.6                                       | 20.3       |
| Others              | 23.6                                       | 27.9       |
| All Purposes        | 19.8                                       | 20.7       |

Source: 2001 National Household Travel Survey.

A large, solid black silhouette of the state of Florida, showing the internal county boundaries. It is positioned on the right side of the page, partially overlapping the title text.

***Census  
Journey-to-Work  
Travel***





## SECTION HIGHLIGHTS

### Florida

- According to the Bureau of the Census, the number of persons in Florida working at home increased 56.8 percent from 132,084 in 1990 to 207,089 in 2000.
- The Census Journey-to-Work data for Florida indicate that the number of persons utilizing public transportation as a mode to work increased 10.9 percent between 1990 and 2000.
- The majority (66.6%) of persons in Florida depart for work between 6:00 a.m. and 8:59 a.m.
- In terms of private vehicle occupancy, the percentage of persons in Florida who drive alone to work increased from 77.1 percent in 1990 to 78.8 percent in 2000.

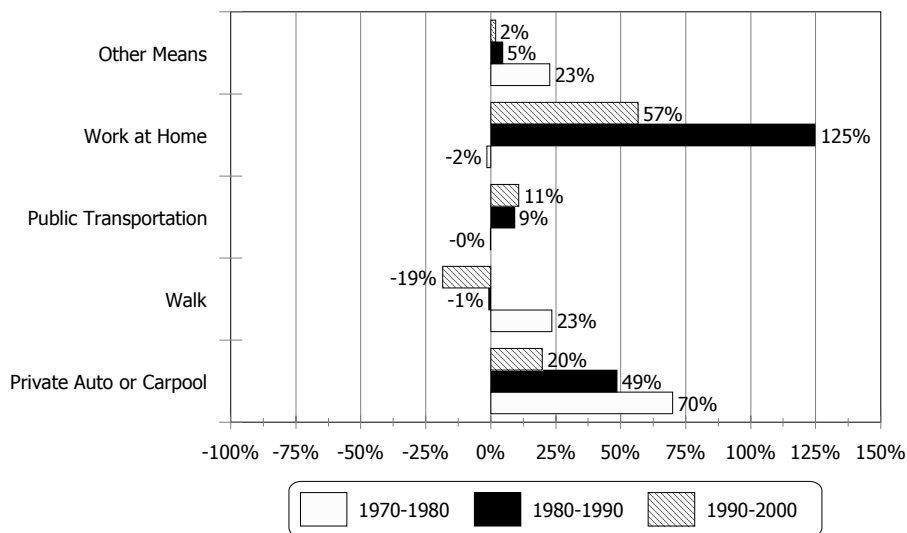
### United States

- According to the Bureau of the Census, the number of persons in the U.S. working at home increased 22.8 percent from 3.4 million in 1990 to 4.2 million in 2000.
- The Census Journey-to-Work data for the U.S. indicate that the number of persons utilizing public transportation as a mode to work declined by less than 1 percent from 1990 to 2000.
- The majority (64.3%) of persons in the U.S. depart for work between 6:00 a.m. and 8:59 a.m.
- In terms of private vehicle occupancy, the percentage of persons in the U.S. who drive alone to work increased from 73.2 percent in 1990 to 75.7 percent in 2000.

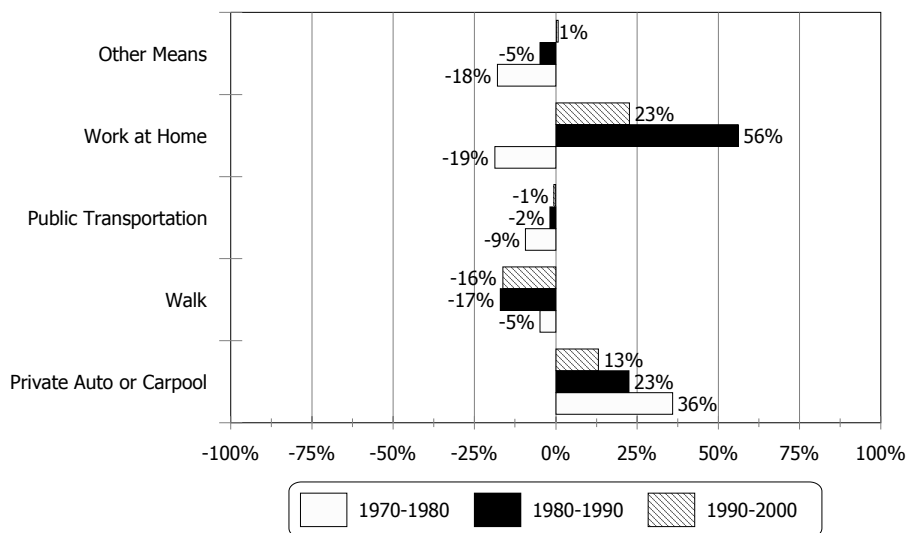


**Figure 2-1**  
**GROWTH RATES IN NUMBER OF WORKERS BY JOURNEY-TO-WORK MODE, FLORIDA AND UNITED STATES (1970-2000)**

**FLORIDA**



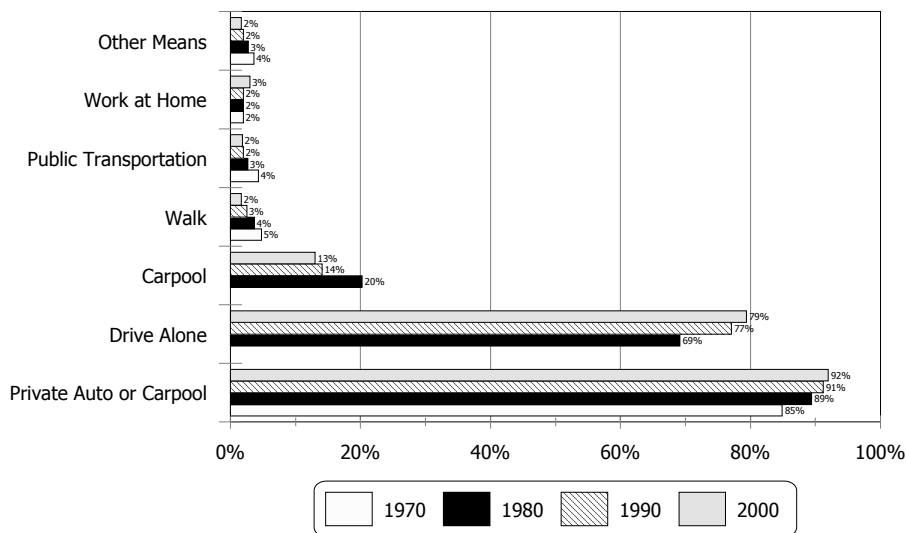
**UNITED STATES**



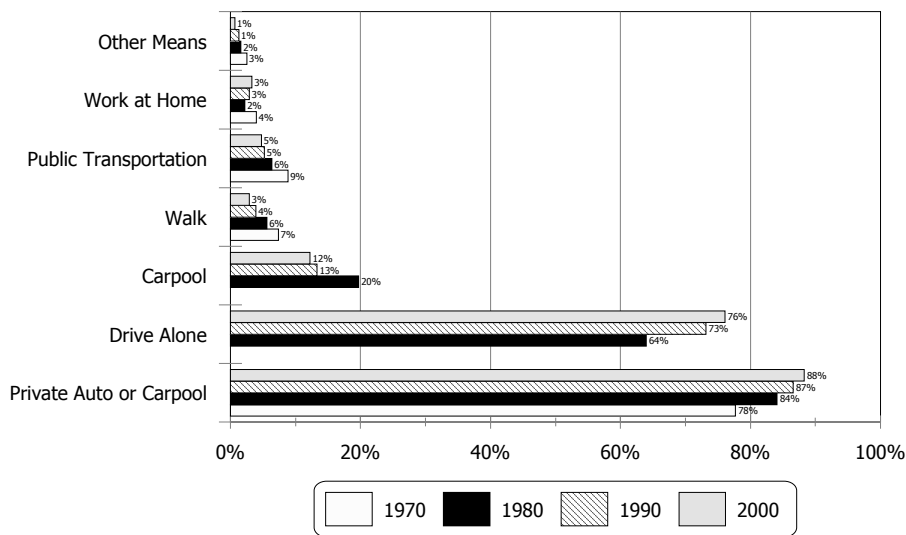


**Figure 2-2**  
**DISTRIBUTION OF JOURNEY-TO-WORK MODE,**  
**FLORIDA AND UNITED STATES (1970-2000)**

**FLORIDA**

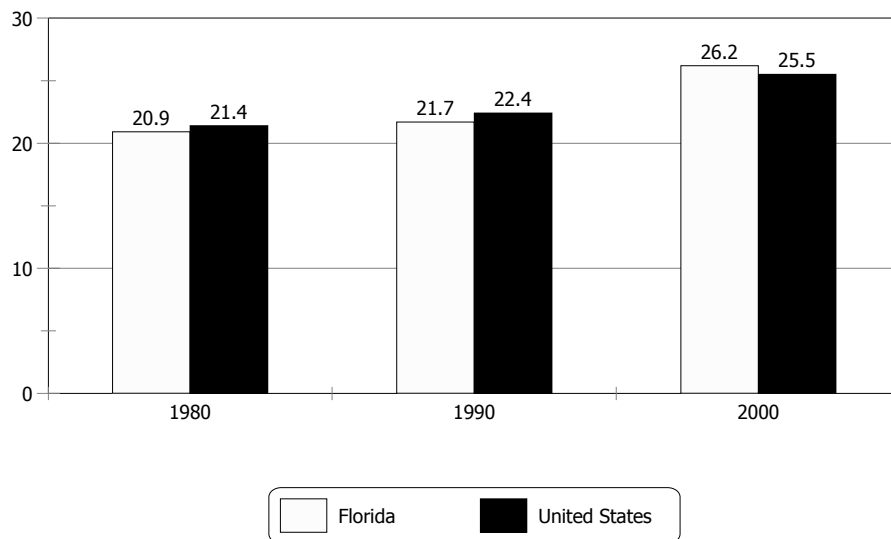


**UNITED STATES**

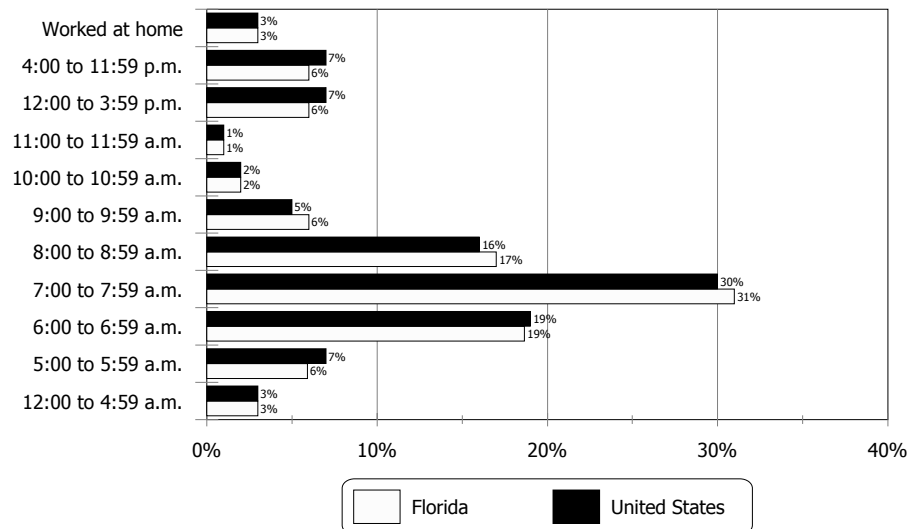




**Figure 2-3**  
**TRAVEL TIME TO WORK IN MINUTES,**  
**FLORIDA AND THE UNITED STATES (1980-2000)**



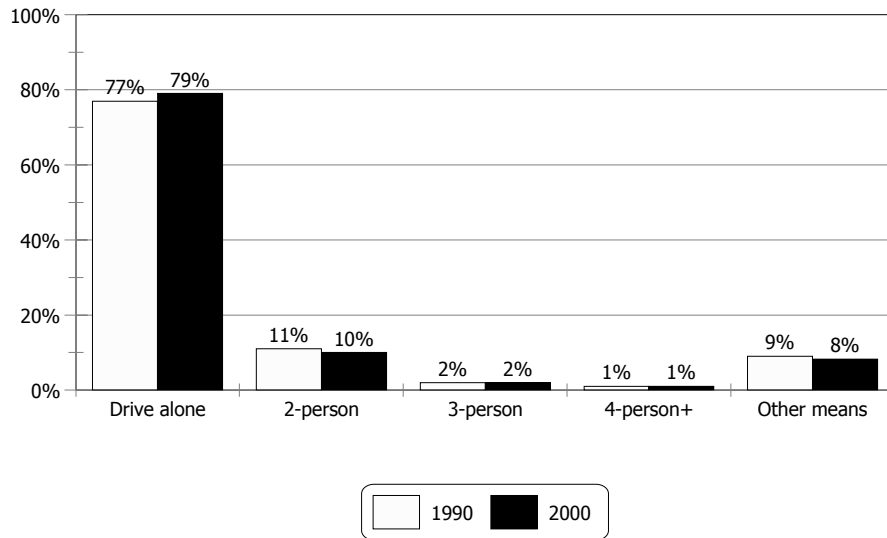
**Figure 2-4**  
**DEPARTURE TIME TO WORK,**  
**FLORIDA AND UNITED STATES (2000)**



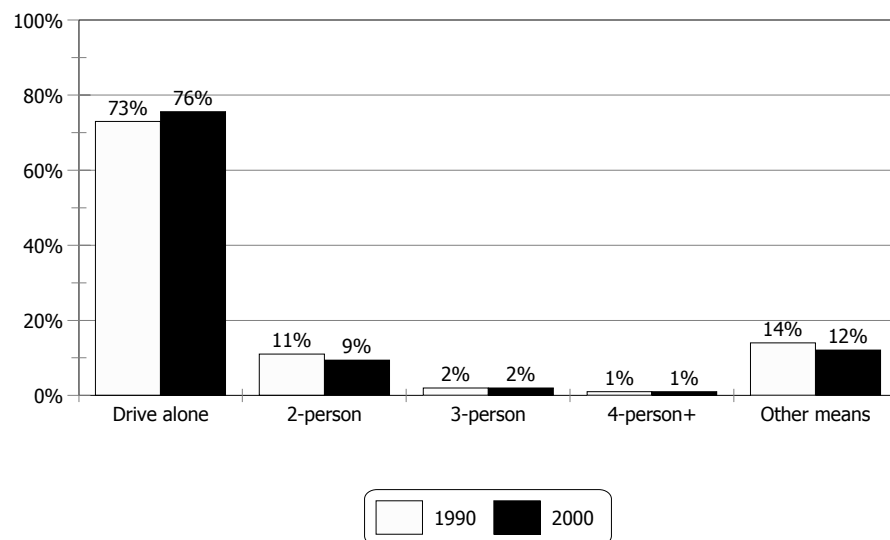


**Figure 2-5**  
**PRIVATE VEHICLE OCCUPANCY, FLORIDA AND UNITED STATES (1990-2000)**

**FLORIDA**



**UNITED STATES**





**Table 2-11**  
**JOURNEY-TO-WORK TRENDS, U.S. (1970-2000)**

| Journey-to-Work Characteristics | Year       |            |            |             | Change (%) |       |       |       | Distribution of Trends (%) |      |      |      |
|---------------------------------|------------|------------|------------|-------------|------------|-------|-------|-------|----------------------------|------|------|------|
|                                 | 1970       | 1980       | 1990       | 2000        | 70-80      | 80-90 | 90-00 | 70-00 | 1970                       | 1980 | 1990 | 2000 |
| <b>Place of Work</b>            |            |            |            |             |            |       |       |       |                            |      |      |      |
| Worked in home county           | 57,464,606 | n/a        | 87,587,677 | 94,042,863  | n/a        | n/a   | 7.4   | 63.7  | 74.8                       | n/a  | 76.1 | 76.1 |
| Worked outside home county      | 13,688,172 | n/a        | 27,482,597 | 29,600,841  | n/a        | n/a   | 7.7   | 116.3 | 17.8                       | n/a  | 23.9 | 23.9 |
| Place of work not reported      | 5,699,611  | n/a        | n/a        | n/a         | n/a        | n/a   | n/a   | n/a   | 7.4                        | n/a  | n/a  | n/a  |
| <b>Mode to Work</b>             |            |            |            |             |            |       |       |       |                            |      |      |      |
| Private auto or carpool         | 59,722,550 | 81,258,496 | 99,592,932 | 112,736,101 | 36.1       | 22.6  | 13.2  | 88.8  | 77.7                       | 84.1 | 86.5 | 87.9 |
| Drive alone                     | n/a        | 62,193,449 | 84,215,298 | 97,102,050  | n/a        | 35.4  | 15.3  | n/a   | n/a                        | 64.4 | 73.2 | 75.7 |
| Carpool                         | n/a        | 19,065,047 | 15,377,634 | 15,634,051  | n/a        | -19.3 | 1.7   | n/a   | n/a                        | 19.7 | 13.4 | 12.2 |
| Walk                            | 5,689,819  | 5,413,248  | 4,488,886  | 3,758,982   | -4.9       | -17.1 | -16.3 | -33.9 | 7.4                        | 5.6  | 3.9  | 2.9  |
| Public transportation           | 6,810,458  | 6,175,061  | 6,069,589  | 6,067,703   | -9.3       | -1.7  | -0.03 | -10.9 | 8.9                        | 6.4  | 5.3  | 4.7  |
| Work at home                    | 2,685,144  | 2,179,863  | 3,406,025  | 4,184,223   | -18.8      | 56.2  | 22.8  | 55.8  | 3.5                        | 2.3  | 3.0  | 3.3  |
| Other means                     | 1,944,418  | 1,590,628  | 1,512,842  | 1,532,219   | -18.2      | -4.9  | 1.3   | -21.2 | 2.5                        | 1.6  | 1.3  | 1.2  |
| <b>Travel Time to Work</b>      |            |            |            |             |            |       |       |       |                            |      |      |      |
| Less than 10 minutes            | n/a        | 16,871,572 | 18,257,921 | 17,868,011  | n/a        | 8.2   | -2.1  | n/a   | n/a                        | 17.5 | 15.9 | 13.9 |
| 10 to 19 minutes                | n/a        | 31,846,602 | 36,980,181 | 38,252,633  | n/a        | 16.1  | 3.4   | n/a   | n/a                        | 32.9 | 32.1 | 29.8 |
| 20 to 29 minutes                | n/a        | 18,849,260 | 22,436,930 | 25,172,296  | n/a        | 19.0  | 12.2  | n/a   | n/a                        | 19.5 | 19.5 | 19.6 |
| 30 to 44 minutes                | n/a        | 15,996,009 | 20,053,109 | 23,703,903  | n/a        | 25.4  | 18.2  | n/a   | n/a                        | 16.5 | 17.4 | 18.5 |
| 45 or more minutes              | n/a        | 10,923,652 | 13,936,108 | 19,098,162  | n/a        | 27.6  | 37.0  | n/a   | n/a                        | 11.3 | 12.1 | 14.9 |
| Worked at home                  | n/a        | 2,179,863  | 3,406,025  | 4,184,223   | n/a        | 56.2  | 22.8  | n/a   | n/a                        | 2.3  | 3.0  | 3.3  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-11 (Continued)**  
**JOURNEY-TO-WORK TRENDS, U.S. (1970-2000)**

| Journey-to-Work Characteristics  | Year |            |            |            | Change (%) |       |       |       | Distribution of Trends (%) |      |      |      |
|----------------------------------|------|------------|------------|------------|------------|-------|-------|-------|----------------------------|------|------|------|
|                                  | 1970 | 1980       | 1990       | 2000       | 70-80      | 80-90 | 90-00 | 70-00 | 1970                       | 1980 | 1990 | 2000 |
| <b>Departure Time to Work</b>    |      |            |            |            |            |       |       |       |                            |      |      |      |
| 12:00 to 4:59 a.m.               | n/a  | n/a        | 2,747,488  | 4,237,970  | n/a        | n/a   | 54.2  | n/a   | n/a                        | n/a  | 2.4  | 3.3  |
| 5:00 to 5:59 a.m.                | n/a  | n/a        | 7,145,946  | 9,440,321  | n/a        | n/a   | 32.1  | n/a   | n/a                        | n/a  | 6.2  | 7.4  |
| 6:00 to 6:59 a.m.                | n/a  | n/a        | 22,820,464 | 24,196,129 | n/a        | n/a   | 6.0   | n/a   | n/a                        | n/a  | 19.8 | 18.9 |
| 7:00 to 7:59 a.m.                | n/a  | n/a        | 35,346,620 | 38,305,923 | n/a        | n/a   | 8.4   | n/a   | n/a                        | n/a  | 30.7 | 29.9 |
| 8:00 to 8:59 a.m.                | n/a  | n/a        | 18,867,326 | 19,937,875 | n/a        | n/a   | 5.7   | n/a   | n/a                        | n/a  | 16.4 | 15.5 |
| 9:00 to 9:59 a.m.                | n/a  | n/a        | 5,792,355  | 6,835,549  | n/a        | n/a   | 18.0  | n/a   | n/a                        | n/a  | 5.0  | 5.3  |
| 10:00 to 10:59 a.m.              | n/a  | n/a        | 2,249,960  | 2,839,779  | n/a        | n/a   | 26.2  | n/a   | n/a                        | n/a  | 2.0  | 2.2  |
| 11:00 to 11:59 a.m.              | n/a  | n/a        | 1,167,633  | 1,360,775  | n/a        | n/a   | 16.5  | n/a   | n/a                        | n/a  | 1.0  | 1.1  |
| 12:00 to 3:59 p.m.               | n/a  | n/a        | 7,965,160  | 8,522,829  | n/a        | n/a   | 7.0   | n/a   | n/a                        | n/a  | 6.9  | 6.6  |
| 4:00 to 11:59 p.m.               | n/a  | n/a        | 7,561,297  | 8,417,855  | n/a        | n/a   | 11.3  | n/a   | n/a                        | n/a  | 6.6  | 6.6  |
| Worked at home                   | n/a  | n/a        | 3,406,025  | 4,184,223  | n/a        | n/a   | 22.8  | n/a   | n/a                        | n/a  | 3.0  | 3.3  |
| <b>Private Vehicle Occupancy</b> |      |            |            |            |            |       |       |       |                            |      |      |      |
| Drive alone                      | n/a  | 62,193,449 | 84,215,298 | 97,102,050 | n/a        | 35.4  | 15.3  | n/a   | n/a                        | 64.4 | 73.2 | 75.7 |
| 2 person carpool                 | n/a  | 13,303,701 | 12,078,175 | 12,097,346 | n/a        | -9.2  | 0.2   | n/a   | n/a                        | 13.8 | 10.5 | 9.4  |
| 3 person carpool                 | n/a  | 3,360,781  | 2,001,378  | 2,159,151  | n/a        | -40.5 | 7.9   | n/a   | n/a                        | 3.5  | 1.7  | 1.7  |
| 4 person+ carpool                | n/a  | 2,400,565  | 1,298,081  | 1,377,554  | n/a        | -45.9 | 6.1   | n/a   | n/a                        | 2.5  | 1.1  | 1.1  |
| Other means                      | n/a  | 15,358,800 | 15,477,342 | 15,543,127 | n/a        | 0.8   | 0.4   | n/a   | n/a                        | 15.9 | 13.5 | 12.1 |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-12**  
**JOURNEY-TO-WORK TRENDS, FLORIDA (1970-2000)**

| Journey-to-Work Characteristics | Year      |           |           |           | Change (%) |       |       |       | Distribution of Trends (%) |      |      |      |
|---------------------------------|-----------|-----------|-----------|-----------|------------|-------|-------|-------|----------------------------|------|------|------|
|                                 | 1970      | 1980      | 1990      | 2000      | 70-80      | 80-90 | 90-00 | 70-00 | 1970                       | 1980 | 1990 | 2000 |
| Place of Work                   |           |           |           |           |            |       |       |       |                            |      |      |      |
| Worked in home county           | 2,053,793 | 3,157,989 | 4,956,240 | 5,662,640 | 53.8       | 56.9  | 14.3  | 175.7 | 83.0                       | 88.8 | 85.5 | 82.9 |
| Worked outside home county      | 198,351   | 357,987   | 838,212   | 1,167,904 | 80.5       | 134.1 | 39.3  | 488.8 | 8.0                        | 10.1 | 14.5 | 17.1 |
| Place of work not reported      | 221,112   | 41,564    | n/a       | n/a       | -81.2      | n/a   | n/a   | n/a   | 8.9                        | 1.2  | n/a  | n/a  |
| Mode to Work                    |           |           |           |           |            |       |       |       |                            |      |      |      |
| Private auto or carpool         | 2,099,436 | 3,557,675 | 5,286,567 | 6,339,293 | 69.5       | 48.6  | 19.9  | 202.0 | 84.9                       | 89.4 | 91.2 | 91.7 |
| Drive alone                     | n/a       | 2,751,259 | 4,468,021 | 5,445,527 | n/a        | 62.4  | 21.9  | n/a   | n/a                        | 69.2 | 77.1 | 78.8 |
| Carpool                         | n/a       | 806,416   | 818,546   | 893,766   | n/a        | 1.5   | 9.2   | n/a   | n/a                        | 20.3 | 14.1 | 12.9 |
| Walk                            | 118,601   | 146,421   | 145,269   | 118,386   | 23.5       | -0.8  | -18.5 | -0.2  | 4.8                        | 3.7  | 2.5  | 1.7  |
| Public transportation           | 106,730   | 106,546   | 116,352   | 129,075   | -0.2       | 9.2   | 10.9  | 20.9  | 4.3                        | 2.7  | 2.0  | 1.9  |
| Work at home                    | 59,676    | 58,778    | 132,084   | 207,089   | -1.5       | 124.7 | 56.8  | 247.0 | 2.4                        | 1.5  | 2.3  | 3.0  |
| Other means                     | 88,813    | 108,987   | 114,180   | 116,325   | 22.7       | 4.8   | 1.9   | 31.0  | 3.6                        | 2.7  | 2.0  | 1.7  |
| Travel Time to Work             |           |           |           |           |            |       |       |       |                            |      |      |      |
| Less than 10 minutes            | n/a       | 611,036   | 768,607   | 751,256   | n/a        | 25.8  | -2.3  | n/a   | n/a                        | 15.3 | 13.3 | 10.9 |
| 10 to 19 minutes                | n/a       | 1,380,673 | 1,908,310 | 2,007,979 | n/a        | 38.2  | 5.2   | n/a   | n/a                        | 34.6 | 32.9 | 29.1 |
| 20 to 29 minutes                | n/a       | 866,785   | 1,236,778 | 1,444,986 | n/a        | 42.7  | 16.8  | n/a   | n/a                        | 21.8 | 21.3 | 20.9 |
| 30 to 44 minutes                | n/a       | 722,745   | 1,172,060 | 1,497,880 | n/a        | 62.2  | 27.8  | n/a   | n/a                        | 18.1 | 20.2 | 21.7 |
| 45 or more minutes              | n/a       | 345,155   | 576,613   | 1,000,978 | n/a        | 67.1  | 73.6  | n/a   | n/a                        | 8.7  | 10.0 | 14.5 |
| Worked at home                  | n/a       | 58,778    | 132,084   | 207,089   | n/a        | 124.7 | 56.8  | n/a   | n/a                        | 1.5  | 2.3  | 3.0  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-12 (Continued)**  
**JOURNEY-TO-WORK TRENDS, FLORIDA (1970-2000)**

| Journey-to-Work Characteristics  | Year |           |           |           | Change (%) |       |       |       | Distribution of Trends (%) |      |      |      |
|----------------------------------|------|-----------|-----------|-----------|------------|-------|-------|-------|----------------------------|------|------|------|
|                                  | 1970 | 1980      | 1990      | 2000      | 70-80      | 80-90 | 90-00 | 70-00 | 1970                       | 1980 | 1990 | 2000 |
| <b>Departure Time to Work</b>    |      |           |           |           |            |       |       |       |                            |      |      |      |
| 12:00 to 4:59 a.m.               | n/a  | n/a       | 126,901   | 195,491   | n/a        | n/a   | 54.1  | n/a   | n/a                        | n/a  | 2.2  | 2.8  |
| 5:00 to 5:59 a.m.                | n/a  | n/a       | 283,702   | 410,551   | n/a        | n/a   | 44.7  | n/a   | n/a                        | n/a  | 4.9  | 5.9  |
| 6:00 to 6:59 a.m.                | n/a  | n/a       | 1,120,718 | 1,290,199 | n/a        | n/a   | 15.1  | n/a   | n/a                        | n/a  | 19.3 | 18.7 |
| 7:00 to 7:59 a.m.                | n/a  | n/a       | 1,843,369 | 2,110,087 | n/a        | n/a   | 14.5  | n/a   | n/a                        | n/a  | 31.8 | 30.5 |
| 8:00 to 8:59 a.m.                | n/a  | n/a       | 1,066,549 | 1,200,757 | n/a        | n/a   | 12.6  | n/a   | n/a                        | n/a  | 18.4 | 17.4 |
| 9:00 to 9:59 a.m.                | n/a  | n/a       | 341,737   | 419,450   | n/a        | n/a   | 22.7  | n/a   | n/a                        | n/a  | 5.9  | 6.1  |
| 10:00 to 10:59 a.m.              | n/a  | n/a       | 123,249   | 167,860   | n/a        | n/a   | 36.2  | n/a   | n/a                        | n/a  | 2.1  | 2.4  |
| 11:00 to 11:59 a.m.              | n/a  | n/a       | 60,948    | 77,065    | n/a        | n/a   | 26.4  | n/a   | n/a                        | n/a  | 1.1  | 1.1  |
| 12:00 to 3:59 p.m.               | n/a  | n/a       | 343,816   | 413,569   | n/a        | n/a   | 20.3  | n/a   | n/a                        | n/a  | 5.9  | 6.0  |
| 4:00 to 11:59 p.m.               | n/a  | n/a       | 351,379   | 418,050   | n/a        | n/a   | 19.0  | n/a   | n/a                        | n/a  | 6.1  | 6.0  |
| Worked at home                   | n/a  | n/a       | 132,084   | 207,089   | n/a        | n/a   | 56.8  | n/a   | n/a                        | n/a  | 2.3  | 3.0  |
| <b>Private Vehicle Occupancy</b> |      |           |           |           |            |       |       |       |                            |      |      |      |
| Drive alone                      | n/a  | 2,751,259 | 4,468,021 | 5,445,527 | n/a        | 62.4  | 21.9  | n/a   | n/a                        | 69.2 | 77.1 | 78.8 |
| 2 person carpool                 | n/a  | 579,825   | 660,172   | 698,577   | n/a        | 13.9  | 5.8   | n/a   | n/a                        | 14.6 | 11.4 | 10.1 |
| 3 person carpool                 | n/a  | 132,525   | 99,518    | 117,465   | n/a        | -24.9 | 18.0  | n/a   | n/a                        | 3.3  | 1.7  | 1.7  |
| 4 person+ carpool                | n/a  | 94,066    | 58,856    | 77,724    | n/a        | -37.4 | 32.1  | n/a   | n/a                        | 2.4  | 1.0  | 1.1  |
| Other means                      | n/a  | 420,732   | 507,885   | 570,875   | n/a        | 20.7  | 12.4  | n/a   | n/a                        | 10.6 | 8.8  | 8.3  |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Alachua</b> | <b>Baker</b> | <b>Bay</b> | <b>Bradford</b> | <b>Brevard</b> | <b>Broward</b> | <b>Calhoun</b> | <b>Charlotte</b> |
|----------------------------------------|----------------|--------------|------------|-----------------|----------------|----------------|----------------|------------------|
| <b>Place of Work</b>                   |                |              |            |                 |                |                |                |                  |
| Worked in home county                  | 95,670         | 4,415        | 64,159     | 4,503           | 189,056        | 565,812        | 3,438          | 36,750           |
| Worked outside home county             | 6,379          | 4,600        | 2,147      | 4,718           | 13,600         | 171,561        | 1,782          | 12,350           |
| Worked outside home state              | 664            | 132          | 1,242      | 93              | 2,423          | 6,170          | 166            | 531              |
| <b>Mode to Work</b>                    |                |              |            |                 |                |                |                |                  |
| Private auto or carpool                | 89,842         | 8,785        | 63,535     | 8,502           | 192,896        | 684,540        | 4,182          | 46,680           |
| Drive alone                            | 76,760         | 7,296        | 54,694     | 7,308           | 171,034        | 595,165        | 3,438          | 40,548           |
| Carpool                                | 13,082         | 1,489        | 8,841      | 1,194           | 21,862         | 89,375         | 744            | 6,132            |
| Walk                                   | 3,326          | 62           | 1,111      | 250             | 2,653          | 9,680          | 89             | 370              |
| Public Transportation                  | 2,511          | 19           | 212        | 39              | 591            | 17,048         | 20             | 121              |
| Work at home                           | 3,294          | 185          | 1,561      | 270             | 5,506          | 21,509         | 92             | 1,610            |
| Other means                            | 545            | 85           | 639        | 196             | 1,390          | 6,155          | 33             | 475              |
| <b>Travel Time to Work</b>             |                |              |            |                 |                |                |                |                  |
| Less than 10 minutes                   | 14,489         | 1,259        | 10,208     | 1,381           | 25,318         | 65,903         | 694            | 7,432            |
| 10 to 19 minutes                       | 39,878         | 1,894        | 25,499     | 2,790           | 65,595         | 190,786        | 1,310          | 18,816           |
| 20 to 29 minutes                       | 23,218         | 1,144        | 15,047     | 1,041           | 48,130         | 158,050        | 586            | 8,580            |
| 30 to 39 minutes                       | 12,518         | 1,583        | 8,923      | 1,321           | 32,467         | 155,232        | 714            | 5,286            |
| 40 or more minutes                     | 9,316          | 3,082        | 6,310      | 2,511           | 28,063         | 152,063        | 1,048          | 7,907            |
| Worked at home                         | 3,294          | 185          | 1,561      | 270             | 5,506          | 21,509         | 92             | 1,610            |
| <b>Departure Time to Work</b>          |                |              |            |                 |                |                |                |                  |
| 12:00 to 4:59 a.m.                     | 1,895          | 489          | 1,770      | 566             | 5,874          | 15,820         | 306            | 1,411            |
| 5:00 to 5:59 a.m.                      | 3,448          | 1,132        | 5,153      | 782             | 12,710         | 32,303         | 674            | 2,811            |
| 6:00 to 6:59 a.m.                      | 14,438         | 2,116        | 15,617     | 2,039           | 43,688         | 118,828        | 1,142          | 9,198            |
| 7:00 to 7:59 a.m.                      | 33,136         | 2,405        | 21,857     | 2,853           | 61,719         | 232,378        | 1,240          | 15,550           |
| 8:00 to 8:59 a.m.                      | 18,304         | 814          | 7,618      | 859             | 31,810         | 155,631        | 254            | 8,244            |
| 9:00 to 9:59 a.m.                      | 7,288          | 281          | 2,719      | 311             | 11,448         | 52,456         | 83             | 3,075            |
| 10:00 to 10:59 a.m.                    | 2,969          | 95           | 1,342      | 130             | 4,853          | 20,878         | 35             | 1,315            |
| 11:00 to 11:59 a.m.                    | 1,756          | 71           | 635        | 61              | 2,005          | 9,023          | 9              | 635              |
| 12:00 to 3:59 p.m.                     | 8,399          | 688          | 4,770      | 754             | 13,197         | 39,905         | 353            | 2,758            |
| 4:00 to 11:59 p.m.                     | 7,786          | 871          | 4,506      | 689             | 12,269         | 44,812         | 256            | 3,024            |
| Worked at home                         | 3,294          | 185          | 1,561      | 270             | 5,506          | 21,509         | 92             | 1,610            |
| <b>Private Vehicle Occupancy</b>       |                |              |            |                 |                |                |                |                  |
| Drive alone                            | 76,760         | 7,296        | 54,694     | 7,308           | 171,034        | 595,165        | 3,438          | 40,548           |
| 2 person carpool                       | 13,082         | 1,091        | 7,109      | 946             | 17,827         | 71,726         | 582            | 4,903            |
| 3 person carpool                       | 10,841         | 281          | 1,308      | 165             | 2,684          | 11,194         | 120            | 796              |
| 4 person+ carpool                      | 2,241          | 117          | 424        | 83              | 1,351          | 6,455          | 42             | 433              |
| Other means                            | 12,871         | 362          | 4,013      | 812             | 12,183         | 59,003         | 262            | 2,951            |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Citrus</b> | <b>Clay</b> | <b>Collier</b> | <b>Columbia</b> | <b>Dade</b> | <b>Desoto</b> | <b>Dixie</b> | <b>Duval</b> |
|----------------------------------------|---------------|-------------|----------------|-----------------|-------------|---------------|--------------|--------------|
| <b>Place of Work</b>                   |               |             |                |                 |             |               |              |              |
| Worked in home county                  | 29,461        | 26,798      | 95,028         | 16,940          | 823,481     | 9,191         | 2,823        | 349,553      |
| Worked outside home county             | 7,779         | 40,064      | 6,418          | 5,347           | 70,125      | 3,320         | 1,623        | 19,806       |
| Worked outside home state              | 672           | 891         | 1,630          | 420             | 5,717       | 56            | 60           | 4,933        |
| <b>Mode to Work</b>                    |               |             |                |                 |             |               |              |              |
| Private auto or carpool                | 35,604        | 64,416      | 92,081         | 21,359          | 795,204     | 10,722        | 4,117        | 346,401      |
| Drive alone                            | 30,691        | 56,961      | 76,730         | 18,281          | 663,902     | 6,567         | 3,463        | 297,404      |
| Carpool                                | 4,913         | 7,455       | 15,351         | 3,078           | 131,302     | 4,155         | 654          | 48,997       |
| Walk                                   | 528           | 664         | 1,858          | 305             | 19,367      | 200           | 27           | 6,665        |
| Public Transportation                  | 106           | 138         | 1,964          | 27              | 47,087      | 1,040         | 14           | 7,521        |
| Work at home                           | 1,175         | 1,549       | 4,869          | 524             | 24,149      | 334           | 233          | 7,437        |
| Other means                            | 288           | 741         | 1,432          | 409             | 8,547       | 176           | 100          | 3,646        |
| <b>Travel Time to Work</b>             |               |             |                |                 |             |               |              |              |
| Less than 10 minutes                   | 5,290         | 5,458       | 13,061         | 3,190           | 61,452      | 1,745         | 940          | 35,114       |
| 10 to 19 minutes                       | 12,634        | 12,325      | 32,426         | 8,294           | 214,277     | 3,447         | 1,255        | 107,883      |
| 20 to 29 minutes                       | 7,374         | 11,024      | 22,067         | 3,917           | 175,662     | 1,669         | 474          | 93,429       |
| 30 to 39 minutes                       | 4,847         | 13,818      | 16,558         | 2,874           | 198,793     | 2,421         | 550          | 77,768       |
| 40 or more minutes                     | 6,592         | 23,579      | 14,087         | 3,327           | 224,990     | 2,951         | 1,287        | 52,711       |
| Worked at home                         | 1,175         | 1,549       | 4,869          | 524             | 24,149      | 334           | 233          | 7,437        |
| <b>Departure Time to Work</b>          |               |             |                |                 |             |               |              |              |
| 12:00 to 4:59 a.m.                     | 1,347         | 2,648       | 2,448          | 1,214           | 23,078      | 441           | 309          | 10,959       |
| 5:00 to 5:59 a.m.                      | 3,191         | 6,809       | 6,142          | 1,713           | 46,678      | 1,761         | 401          | 23,765       |
| 6:00 to 6:59 a.m.                      | 7,162         | 17,949      | 19,371         | 3,963           | 158,970     | 3,855         | 1,013        | 80,575       |
| 7:00 to 7:59 a.m.                      | 11,738        | 17,325      | 30,223         | 8,221           | 254,550     | 3,306         | 1,199        | 114,952      |
| 8:00 to 8:59 a.m.                      | 6,024         | 8,513       | 19,540         | 2,749           | 179,260     | 1,039         | 470          | 57,989       |
| 9:00 to 9:59 a.m.                      | 1,731         | 2,741       | 7,171          | 954             | 68,497      | 312           | 153          | 20,441       |
| 10:00 to 10:59 a.m.                    | 847           | 1,157       | 2,570          | 376             | 27,324      | 147           | 67           | 7,812        |
| 11:00 to 11:59 a.m.                    | 470           | 588         | 1,131          | 121             | 10,859      | 41            | 44           | 3,966        |
| 12:00 to 3:59 p.m.                     | 2,132         | 4,255       | 5,181          | 1,598           | 54,664      | 518           | 255          | 22,017       |
| 4:00 to 11:59 p.m.                     | 2,095         | 4,219       | 4,422          | 1,274           | 51,294      | 813           | 362          | 24,379       |
| Worked at home                         | 1,175         | 1,549       | 4,869          | 524             | 24,149      | 334           | 233          | 7,437        |
| <b>Private Vehicle Occupancy</b>       |               |             |                |                 |             |               |              |              |
| Drive alone                            | 30,691        | 56,961      | 76,730         | 21,359          | 663,902     | 6,567         | 3,463        | 297,404      |
| 2 person carpool                       | 4,022         | 6,176       | 10,708         | 2,275           | 100,773     | 1,831         | 480          | 38,944       |
| 3 person carpool                       | 658           | 926         | 1,944          | 515             | 18,747      | 516           | 92           | 6,476        |
| 4 person+ carpool                      | 233           | 353         | 2,699          | 288             | 25,411      | 1,808         | 82           | 3,577        |
| Other means                            | 2,308         | 3,337       | 10,987         | 1,348           | 104,119     | 1,845         | 389          | 27,891       |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Escambia</b> | <b>Flagler</b> | <b>Franklin</b> | <b>Gadsen</b> | <b>Gilchrist</b> | <b>Glades</b> | <b>Gulf</b> | <b>Hamilton</b> |
|----------------------------------------|-----------------|----------------|-----------------|---------------|------------------|---------------|-------------|-----------------|
| <b>Place of Work</b>                   |                 |                |                 |               |                  |               |             |                 |
| Worked in home county                  | 114,990         | 11,451         | 3,411           | 8,686         | 2,288            | 1,642         | 3,145       | 2,370           |
| Worked outside home county             | 6,809           | 6,810          | 388             | 8,701         | 3,330            | 1,919         | 1,344       | 988             |
| Worked outside home state              | 6,524           | 188            | 70              | 356           | 67               | 22            | 132         | 718             |
| <b>Mode to Work</b>                    |                 |                |                 |               |                  |               |             |                 |
| Private auto or carpool                | 113,493         | 17,168         | 3,585           | 16,877        | 5,191            | 3,243         | 4,311       | 3,758           |
| Drive alone                            | 98,681          | 15,018         | 2,847           | 13,161        | 4,305            | 2,434         | 3,572       | 3,129           |
| Carpool                                | 14,812          | 2,150          | 738             | 3,716         | 886              | 809           | 739         | 629             |
| Walk                                   | 7,704           | 221            | 98              | 322           | 84               | 46            | 68          | 88              |
| Public Transportation                  | 1,739           | 130            | 15              | 109           | 42               | 94            | 6           | 34              |
| Work at home                           | 3,096           | 625            | 108             | 322           | 248              | 104           | 175         | 70              |
| Other means                            | 1,379           | 151            | 34              | 86            | 88               | 63            | 61          | 121             |
| <b>Travel Time to Work</b>             |                 |                |                 |               |                  |               |             |                 |
| Less than 10 minutes                   | 18,115          | 2,643          | 1,474           | 1,849         | 580              | 735           | 1,202       | 704             |
| 10 to 19 minutes                       | 46,588          | 6,078          | 962             | 3,842         | 1,292            | 793           | 1,222       | 1,063           |
| 20 to 29 minutes                       | 28,466          | 2,837          | 396             | 2,754         | 785              | 715           | 458         | 848             |
| 30 to 39 minutes                       | 18,248          | 3,002          | 487             | 4,221         | 734              | 450           | 467         | 780             |
| 40 or more minutes                     | 13,810          | 3,264          | 442             | 4,755         | 2,046            | 786           | 1,097       | 611             |
| Worked at home                         | 3,096           | 625            | 108             | 322           | 248              | 104           | 175         | 70              |
| <b>Departure Time to Work</b>          |                 |                |                 |               |                  |               |             |                 |
| 12:00 to 4:59 a.m.                     | 4,580           | 580            | 75              | 514           | 241              | 226           | 211         | 227             |
| 5:00 to 5:59 a.m.                      | 11,177          | 1,202          | 228             | 1,011         | 488              | 449           | 423         | 281             |
| 6:00 to 6:59 a.m.                      | 29,530          | 3,361          | 612             | 4,606         | 1,482            | 930           | 776         | 926             |
| 7:00 to 7:59 a.m.                      | 39,864          | 5,194          | 1,404           | 6,796         | 1,703            | 1,112         | 1,526       | 1,358           |
| 8:00 to 8:59 a.m.                      | 13,948          | 3,202          | 670             | 1,786         | 563              | 319           | 592         | 346             |
| 9:00 to 9:59 a.m.                      | 5,593           | 1,194          | 219             | 462           | 169              | 131           | 282         | 129             |
| 10:00 to 10:59 a.m.                    | 2,603           | 465            | 98              | 257           | 40               | 30            | 53          | 48              |
| 11:00 to 11:59 a.m.                    | 1,355           | 179            | 20              | 62            | 27               | 47            | 36          | 47              |
| 12:00 to 3:59 p.m.                     | 8,036           | 1,330          | 240             | 1,011         | 399              | 133           | 380         | 381             |
| 4:00 to 11:59 p.m.                     | 8,541           | 1,117          | 195             | 916           | 325              | 102           | 167         | 263             |
| Worked at home                         | 3,096           | 625            | 108             | 322           | 248              | 104           | 175         | 70              |
| <b>Private Vehicle Occupancy</b>       |                 |                |                 |               |                  |               |             |                 |
| Drive alone                            | 98,681          | 15,018         | 2,847           | 13,161        | 4,305            | 2,434         | 3,572       | 3,129           |
| 2 person carpool                       | 11,980          | 1,734          | 637             | 2,586         | 673              | 541           | 568         | 472             |
| 3 person carpool                       | 1,907           | 302            | 73              | 520           | 140              | 175           | 145         | 83              |
| 4 person+ carpool                      | 925             | 114            | 28              | 610           | 73               | 93            | 26          | 74              |
| Other means                            | 14,830          | 1,281          | 482             | 866           | 494              | 340           | 310         | 318             |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Hardee</b> | <b>Hendry</b> | <b>Hernando</b> | <b>Highlands</b> | <b>Hillsborough</b> | <b>Holmes</b> | <b>Indian River</b> |
|----------------------------------------|---------------|---------------|-----------------|------------------|---------------------|---------------|---------------------|
| <b>Place of Work</b>                   |               |               |                 |                  |                     |               |                     |
| Worked in home county                  | 6,798         | 9,901         | 2,805           | 26,245           | 419,780             | 3,115         | 39,072              |
| Worked outside home county             | 2,936         | 4,325         | 13,915          | 2,905            | 47,617              | 2,475         | 5,152               |
| Worked outside home state              | 56            | 81            | 469             | 192              | 3,356               | 1,151         | 652                 |
| <b>Mode to Work</b>                    |               |               |                 |                  |                     |               |                     |
| Private auto or carpool                | 8,947         | 12,340        | 41,002          | 27,383           | 435,652             | 6,229         | 41,594              |
| Drive alone                            | 6,311         | 9,113         | 35,198          | 21,731           | 374,120             | 5,395         | 36,099              |
| Carpool                                | 2,636         | 3,227         | 5,804           | 5,652            | 61,532              | 834           | 5,495               |
| Walk                                   | 226           | 264           | 350             | 499              | 7,702               | 148           | 579                 |
| Public Transportation                  | 124           | 1,139         | 77              | 345              | 6,368               | 0             | 166                 |
| Work at home                           | 266           | 271           | 1,232           | 762              | 13,624              | 324           | 1,686               |
| Other means                            | 190           | 194           | 338             | 256              | 3,974               | 40            | 407                 |
| <b>Travel Time to Work</b>             |               |               |                 |                  |                     |               |                     |
| Less than 10 minutes                   | 2,002         | 3,683         | 4,591           | 4,488            | 49,254              | 758           | 6,867               |
| 10 to 19 minutes                       | 2,554         | 3,413         | 13,517          | 11,653           | 131,778             | 1,737         | 19,171              |
| 20 to 29 minutes                       | 1,193         | 1,451         | 8,547           | 5,431            | 103,710             | 1,087         | 8,762               |
| 30 to 39 minutes                       | 1,477         | 2,156         | 5,576           | 3,591            | 90,556              | 1,195         | 4,989               |
| 40 or more minutes                     | 2,298         | 3,333         | 9,726           | 3,417            | 81,831              | 1,640         | 3,401               |
| Worked at home                         | 266           | 271           | 1,232           | 762              | 13,624              | 324           | 1,686               |
| <b>Departure Time to Work</b>          |               |               |                 |                  |                     |               |                     |
| 12:00 to 4:59 a.m.                     | 336           | 281           | 1,943           | 996              | 14,341              | 435           | 772                 |
| 5:00 to 5:59 a.m.                      | 818           | 867           | 3,952           | 2,314            | 24,946              | 771           | 2,046               |
| 6:00 to 6:59 a.m.                      | 2,754         | 3,426         | 8,169           | 6,289            | 92,408              | 1,889         | 7,286               |
| 7:00 to 7:59 a.m.                      | 3,325         | 3,221         | 11,710          | 9,550            | 149,724             | 1,760         | 15,095              |
| 8:00 to 8:59 a.m.                      | 1,020         | 1,396         | 6,998           | 3,921            | 75,691              | 389           | 8,529               |
| 9:00 to 9:59 a.m.                      | 189           | 283           | 2,377           | 1,347            | 27,239              | 193           | 2,863               |
| 10:00 to 10:59 a.m.                    | 204           | 162           | 880             | 585              | 10,542              | 74            | 1,089               |
| 11:00 to 11:59 a.m.                    | 42            | 30            | 502             | 294              | 4,912               | 38            | 424                 |
| 12:00 to 3:59 p.m.                     | 455           | 380           | 2,909           | 1,491            | 28,060              | 480           | 2,862               |
| 4:00 to 11:59 p.m.                     | 381           | 312           | 2,517           | 1,793            | 29,266              | 388           | 2,224               |
| Worked at home                         | 266           | 136           | 1,232           | 762              | 13,624              | 324           | 1,686               |
| <b>Private Vehicle Occupancy</b>       |               |               |                 |                  |                     |               |                     |
| Drive alone                            | 8,947         | 7,190         | 35,198          | 21,731           | 374,120             | 5,395         | 36,099              |
| 2 person carpool                       | 1,346         | 1,265         | 4,717           | 3,914            | 48,401              | 571           | 4,306               |
| 3 person carpool                       | 351           | 431           | 891             | 643              | 8,180               | 163           | 806                 |
| 4 person+ carpool                      | 939           | 911           | 196             | 1,095            | 4,951               | 100           | 483                 |
| Other means                            | 843           | 1,967         | 2,187           | 1,959            | 35,101              | 512           | 3,282               |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Jackson</b> | <b>Jefferson</b> | <b>Lafayette</b> | <b>Lake</b> | <b>Lee</b> | <b>Leon</b> | <b>Levy</b> | <b>Liberty</b> |
|----------------------------------------|----------------|------------------|------------------|-------------|------------|-------------|-------------|----------------|
| <b>Place of Work</b>                   |                |                  |                  |             |            |             |             |                |
| Worked in home county                  | 12,625         | 2,351            | 1,567            | 51,842      | 161,939    | 114,007     | 6,804       | 1,135          |
| Worked outside home county             | 3,334          | 2,946            | 873              | 28,962      | 18,656     | 4,479       | 5,767       | 1,203          |
| Worked outside home state              | 1,006          | 148              | 35               | 659         | 1,986      | 1,533       | 128         | 18             |
| <b>Mode to Work</b>                    |                |                  |                  |             |            |             |             |                |
| Private auto or carpool                | 15,920         | 5,162            | 2,264            | 76,050      | 168,719    | 111,497     | 11,714      | 2,232          |
| Drive alone                            | 13,850         | 4,101            | 1,812            | 65,662      | 143,636    | 95,293      | 9,482       | 1,666          |
| Carpool                                | 2,070          | 1,061            | 452              | 10,388      | 25,083     | 16,204      | 2,232       | 566            |
| Walk                                   | 265            | 52               | 94               | 1,129       | 2,695      | 2,245       | 260         | 37             |
| Public Transportation                  | 36             | 43               | 0                | 348         | 1,401      | 1,928       | 26          | 0              |
| Work at home                           | 537            | 127              | 68               | 2,633       | 6,332      | 3,020       | 502         | 48             |
| Other means                            | 179            | 43               | 47               | 838         | 1,640      | 602         | 154         | 39             |
| <b>Travel Time to Work</b>             |                |                  |                  |             |            |             |             |                |
| Less than 10 minutes                   | 2,927          | 689              | 538              | 10,861      | 21,767     | 14,699      | 2,018       | 411            |
| 10 to 19 minutes                       | 5,008          | 997              | 782              | 22,290      | 54,316     | 43,318      | 2,619       | 506            |
| 20 to 29 minutes                       | 3,110          | 683              | 326              | 13,472      | 58,669     | 29,074      | 1,752       | 226            |
| 30 to 39 minutes                       | 2,804          | 1,446            | 349              | 13,174      | 32,437     | 19,323      | 2,367       | 322            |
| 40 or more minutes                     | 2,579          | 1,503            | 412              | 19,033      | 26,991     | 10,585      | 3,441       | 843            |
| Worked at home                         | 537            | 127              | 68               | 2,633       | 6,332      | 502         | 502         | 48             |
| <b>Departure Time to Work</b>          |                |                  |                  |             |            |             |             |                |
| 12:00 to 4:59 a.m.                     | 825            | 113              | 113              | 3,174       | 5,008      | 2,178       | 457         | 73             |
| 5:00 to 5:59 a.m.                      | 1,484          | 255              | 255              | 6,316       | 11,742     | 3,032       | 1,158       | 331            |
| 6:00 to 6:59 a.m.                      | 4,292          | 1,395            | 585              | 16,539      | 36,486     | 16,343      | 2,964       | 782            |
| 7:00 to 7:59 a.m.                      | 5,128          | 2,113            | 875              | 24,862      | 55,760     | 43,123      | 3,990       | 730            |
| 8:00 to 8:59 a.m.                      | 1,255          | 729              | 257              | 13,185      | 30,631     | 24,111      | 1,320       | 187            |
| 9:00 to 9:59 a.m.                      | 450            | 188              | 37               | 3,873       | 10,854     | 7,469       | 544         | 30             |
| 10:00 to 10:59 a.m.                    | 172            | 48               | 0                | 1,671       | 4,043      | 3,336       | 229         | 8              |
| 11:00 to 11:59 a.m.                    | 158            | 58               | 23               | 787         | 1,833      | 1,410       | 55          | 0              |
| 12:00 to 3:59 p.m.                     | 1,511          | 214              | 146              | 4,620       | 9,777      | 8,123       | 694         | 93             |
| 4:00 to 11:59 p.m.                     | 1,153          | 229              | 176              | 3,803       | 10,115     | 7,874       | 786         | 74             |
| Worked at home                         | 537            | 127              | 68               | 2,633       | 6,332      | 3,020       | 502         | 48             |
| <b>Private Vehicle Occupancy</b>       |                |                  |                  |             |            |             |             |                |
| Drive alone                            | 13,850         | 4,101            | 1,812            | 65,662      | 143,636    | 95,293      | 9,482       | 1,666          |
| 2 person carpool                       | 1,627          | 810              | 291              | 8,130       | 19,284     | 12,752      | 1,709       | 378            |
| 3 person carpool                       | 252            | 171              | 50               | 1,365       | 3,564      | 2,188       | 367         | 68             |
| 4 person+ carpool                      | 191            | 80               | 111              | 893         | 1,363      | 875         | 156         | 120            |
| Other means                            | 1,045          | 283              | 211              | 5,413       | 13,862     | 8,522       | 985         | 124            |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Madison</b> | <b>Manatee</b> | <b>Marion</b> | <b>Martin</b> | <b>Monroe</b> | <b>Nassau</b> | <b>Okaloosa</b> | <b>Okeechobee</b> |
|----------------------------------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|-------------------|
| <b>Place of Work</b>                   |                |                |               |               |               |               |                 |                   |
| Worked in home county                  | 4,724          | 82,098         | 83,034        | 34,150        | 39,721        | 14,472        | 74,920          | 10,345            |
| Worked outside home county             | 1,246          | 27,823         | 12,173        | 15,297        | 1,441         | 10,471        | 5,449           | 3,220             |
| Worked outside home state              | 766            | 1,081          | 1,097         | 794           | 455           | 1,852         | 1,779           | 136               |
| <b>Mode to Work</b>                    |                |                |               |               |               |               |                 |                   |
| Private auto or carpool                | 6,194          | 103,148        | 90,409        | 45,872        | 32,609        | 25,084        | 77,642          | 12,429            |
| Drive alone                            | 5,152          | 88,443         | 77,664        | 39,783        | 27,976        | 21,463        | 68,046          | 9,291             |
| Carpool                                | 1,042          | 14,705         | 12,745        | 6,089         | 4,633         | 3,621         | 9,596           | 3,138             |
| Walk                                   | 179            | 1,633          | 1,369         | 683           | 2,223         | 292           | 1,225           | 217               |
| Public Transportation                  | 6              | 546            | 217           | 186           | 436           | 56            | 252             | 472               |
| Work at home                           | 195            | 3,774          | 3,019         | 2,474         | 2,092         | 924           | 1,690           | 309               |
| Other means                            | 132            | 1,017          | 818           | 437           | 850           | 295           | 652             | 236               |
| <b>Travel Time to Work</b>             |                |                |               |               |               |               |                 |                   |
| Less than 10 minutes                   | 1,263          | 13,694         | 10,645        | 6,839         | 11,814        | 3,979         | 13,537          | 2,508             |
| 10 to 19 minutes                       | 1,854          | 36,790         | 30,602        | 16,311        | 15,856        | 6,361         | 29,898          | 4,425             |
| 20 to 29 minutes                       | 1,317          | 25,470         | 20,893        | 8,616         | 4,249         | 3,878         | 15,467          | 1,691             |
| 30 to 39 minutes                       | 1,056          | 17,703         | 16,953        | 7,469         | 3,269         | 4,445         | 11,349          | 1,456             |
| 40 or more minutes                     | 1,051          | 13,571         | 14,192        | 8,532         | 4,337         | 7,208         | 10,207          | 3,312             |
| Worked at home                         | 195            | 3,774          | 3,019         | 2,474         | 2,092         | 924           | 1,690           | 309               |
| <b>Departure Time to Work</b>          |                |                |               |               |               |               |                 |                   |
| 12:00 to 4:59 a.m.                     | 288            | 3,046          | 4,242         | 1,017         | 922           | 908           | 2,153           | 628               |
| 5:00 to 5:59 a.m.                      | 560            | 6,601          | 8,017         | 2,808         | 1,916         | 2,358         | 6,332           | 2,152             |
| 6:00 to 6:59 a.m.                      | 1,678          | 21,131         | 19,595        | 9,382         | 5,863         | 5,584         | 21,124          | 3,311             |
| 7:00 to 7:59 a.m.                      | 2,000          | 36,470         | 29,369        | 15,968        | 11,863        | 8,036         | 23,654          | 3,521             |
| 8:00 to 8:59 a.m.                      | 605            | 17,758         | 13,299        | 9,477         | 8,653         | 3,704         | 10,130          | 1,588             |
| 9:00 to 9:59 a.m.                      | 188            | 5,433          | 4,923         | 2,885         | 3,334         | 1,152         | 3,681           | 268               |
| 10:00 to 10:59 a.m.                    | 82             | 2,055          | 1,837         | 1,204         | 1,107         | 501           | 1,722           | 187               |
| 11:00 to 11:59 a.m.                    | 79             | 917            | 919           | 476           | 599           | 252           | 959             | 76                |
| 12:00 to 3:59 p.m.                     | 632            | 6,786          | 5,621         | 2,290         | 2,169         | 1,598         | 5,865           | 828               |
| 4:00 to 11:59 p.m.                     | 429            | 7,040          | 5,463         | 2,260         | 3,099         | 1,778         | 4,838           | 833               |
| Worked at home                         | 195            | 3,774          | 3,019         | 2,474         | 2,092         | 924           | 1,690           | 309               |
| <b>Private Vehicle Occupancy</b>       |                |                |               |               |               |               |                 |                   |
| Drive alone                            | 5,152          | 88,443         | 77,664        | 39,783        | 27,976        | 21,463        | 68,046          | 9,291             |
| 2 person carpool                       | 734            | 11,293         | 10,511        | 4,494         | 3,950         | 2,930         | 7,396           | 1,609             |
| 3 person carpool                       | 111            | 1,976          | 1,298         | 664           | 443           | 534           | 1,378           | 307               |
| 4 person+ carpool                      | 197            | 1,436          | 936           | 931           | 240           | 157           | 822             | 1,222             |
| Other means                            | 542            | 7,854          | 5,895         | 4,369         | 9,008         | 1,711         | 4,506           | 1,272             |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>Orange</b> | <b>Osceola</b> | <b>Palm Beach</b> | <b>Pasco</b> | <b>Pinellas</b> | <b>Polk</b> | <b>Putnam</b> | <b>St. Johns</b> |
|----------------------------------------|---------------|----------------|-------------------|--------------|-----------------|-------------|---------------|------------------|
| <b>Place of Work</b>                   |               |                |                   |              |                 |             |               |                  |
| Worked in home county                  | 376,709       | 38,416         | 421,811           | 71,367       | 360,285         | 170,637     | 17,322        | 35,438           |
| Worked outside home county             | 59,411        | 38,653         | 48,556            | 59,040       | 54,751          | 30,378      | 8,183         | 22,617           |
| Worked outside home state              | 3,203         | 794            | 5,205             | 983          | 3,589           | 1,326       | 253           | 823              |
| <b>Mode to Work</b>                    |               |                |                   |              |                 |             |               |                  |
| Private auto or carpool                | 404,604       | 73,183         | 435,506           | 123,365      | 379,865         | 190,595     | 24,440        | 54,160           |
| Drive alone                            | 351,068       | 60,899         | 378,759           | 105,107      | 333,832         | 161,641     | 20,094        | 47,811           |
| Carpool                                | 53,536        | 12,284         | 56,747            | 18,258       | 46,033          | 28,954      | 4,346         | 6,349            |
| Walk                                   | 6,085         | 1,054          | 6,485             | 1,771        | 8,392           | 2,850       | 251           | 1,203            |
| Public Transportation                  | 10,923        | 825            | 6,671             | 378          | 8,117           | 1,504       | 170           | 327              |
| Work at home                           | 11,178        | 1,510          | 19,454            | 3,840        | 14,649          | 4,206       | 512           | 2,157            |
| Other means                            | 3,642         | 624            | 4,319             | 1,290        | 3,126           | 2,001       | 345           | 500              |
| <b>Travel Time to Work</b>             |               |                |                   |              |                 |             |               |                  |
| Less than 10 minutes                   | 35,699        | 6,441          | 49,078            | 15,193       | 52,267          | 25,139      | 3,424         | 8,115            |
| 10 to 19 minutes                       | 116,488       | 17,594         | 142,889           | 34,505       | 140,081         | 64,306      | 7,247         | 16,550           |
| 20 to 29 minutes                       | 105,324       | 17,951         | 102,521           | 20,479       | 87,503          | 42,936      | 4,380         | 10,559           |
| 30 to 39 minutes                       | 96,164        | 17,875         | 84,228            | 20,948       | 66,339          | 31,992      | 3,702         | 10,182           |
| 40 or more minutes                     | 74,470        | 16,492         | 77,402            | 36,425       | 57,786          | 33,762      | 6,493         | 11,315           |
| Worked at home                         | 11,178        | 1,510          | 19,454            | 3,840        | 14,649          | 4,206       | 512           | 2,157            |
| <b>Departure Time to Work</b>          |               |                |                   |              |                 |             |               |                  |
| 12:00 to 4:59 a.m.                     | 14,523        | 3,234          | 9,734             | 4,625        | 9,455           | 8,635       | 1,127         | 1,554            |
| 5:00 to 5:59 a.m.                      | 26,915        | 6,260          | 20,651            | 11,108       | 20,608          | 17,474      | 2,685         | 2,984            |
| 6:00 to 6:59 a.m.                      | 77,130        | 14,505         | 76,515            | 27,887       | 70,073          | 44,279      | 6,790         | 9,890            |
| 7:00 to 7:59 a.m.                      | 130,577       | 22,171         | 150,368           | 35,870       | 126,867         | 63,819      | 7,321         | 18,567           |
| 8:00 to 8:59 a.m.                      | 1,588         | 10,621         | 98,982            | 20,232       | 81,763          | 25,097      | 3,133         | 10,440           |
| 9:00 to 9:59 a.m.                      | 25,625        | 3,714          | 33,495            | 7,813        | 27,159          | 8,248       | 772           | 3,854            |
| 10:00 to 10:59 a.m.                    | 11,417        | 1,874          | 12,139            | 2,489        | 10,921          | 3,523       | 390           | 1,735            |
| 11:00 to 11:59 a.m.                    | 5,782         | 720            | 5,644             | 1,713        | 4,728           | 1,873       | 277           | 644              |
| 12:00 to 3:59 p.m.                     | 30,727        | 6,870          | 23,339            | 7,569        | 26,884          | 12,142      | 1,415         | 3,451            |
| 4:00 to 11:59 p.m.                     | 30,554        | 6,384          | 25,251            | 8,244        | 25,518          | 13,045      | 1,336         | 3,602            |
| Worked at home                         | 11,178        | 1,510          | 19,454            | 3,840        | 14,649          | 4,206       | 512           | 2,157            |
| <b>Private Vehicle Occupancy</b>       |               |                |                   |              |                 |             |               |                  |
| Drive alone                            | 351,068       | 60,899         | 378,759           | 105,107      | 333,832         | 132,883     | 20,094        | 47,811           |
| 2 person carpool                       | 42,350        | 9,917          | 43,313            | 14,746       | 38,257          | 19,166      | 3,032         | 5,450            |
| 3 person carpool                       | 7,007         | 1,613          | 7,654             | 2,440        | 5,446           | 3,195       | 700           | 629              |
| 4 person+ carpool                      | 4,179         | 754            | 5,780             | 1,072        | 2,330           | 1,751       | 614           | 270              |
| Other means                            | 34,719        | 4,680          | 40,066            | 8,025        | 38,760          | 11,746      | 1,318         | 4,718            |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

| <b>Journey-to-Work Characteristics</b> | <b>St. Lucie</b> | <b>Santa Rosa</b> | <b>Sarasota</b> | <b>Seminole</b> | <b>Sumter</b> | <b>Suwannee</b> | <b>Taylor</b> |
|----------------------------------------|------------------|-------------------|-----------------|-----------------|---------------|-----------------|---------------|
| <b>Place of Work</b>                   |                  |                   |                 |                 |               |                 |               |
| Worked in home county                  | 49,979           | 23,087            | 113,691         | 96,293          | 7,960         | 8,818           | 6,311         |
| Worked outside home county             | 25,595           | 26,587            | 17,344          | 89,569          | 6,591         | 4,465           | 806           |
| Worked outside home state              | 687              | 2,127             | 1,730           | 1,732           | 147           | 213             | 101           |
| <b>Mode to Work</b>                    |                  |                   |                 |                 |               |                 |               |
| Private auto or carpool                | 71,634           | 48,877            | 120,672         | 174,772         | 13,818        | 12,436          | 6,697         |
| Drive alone                            | 60,997           | 42,983            | 107,208         | 155,868         | 11,942        | 10,046          | 5,547         |
| Carpool                                | 10,637           | 5,894             | 13,464          | 18,904          | 1,876         | 2,390           | 1,150         |
| Walk                                   | 776              | 480               | 2,156           | 1,898           | 169           | 283             | 212           |
| Public Transportation                  | 790              | 149               | 1,070           | 1,227           | 25            | 25              | 13            |
| Work at home                           | 1,937            | 1,571             | 6,179           | 7,186           | 449           | 460             | 140           |
| Other means                            | 564              | 585               | 996             | 1,317           | 196           | 190             | 134           |
| <b>Travel Time to Work</b>             |                  |                   |                 |                 |               |                 |               |
| Less than 10 minutes                   | 7,047            | 5,565             | 18,664          | 15,854          | 2,276         | 1,923           | 1,879         |
| 10 to 19 minutes                       | 22,667           | 12,097            | 48,541          | 42,055          | 3,975         | 3,398           | 2,803         |
| 20 to 29 minutes                       | 17,617           | 11,110            | 28,344          | 32,679          | 2,411         | 2,520           | 967           |
| 30 to 39 minutes                       | 14,760           | 10,595            | 17,863          | 29,994          | 2,401         | 2,623           | 603           |
| 40 or more minutes                     | 12,233           | 10,863            | 13,174          | 25,546          | 3,186         | 2,572           | 826           |
| Worked at home                         | 1,937            | 1,571             | 6,179           | 3,805           | 449           | 460             | 140           |
| <b>Departure Time to Work</b>          |                  |                   |                 |                 |               |                 |               |
| 12:00 to 4:59 a.m.                     | 2,356            | 1,576             | 2,956           | 4,645           | 711           | 839             | 246           |
| 5:00 to 5:59 a.m.                      | 5,036            | 4,947             | 5,815           | 9,478           | 1,235         | 1,180           | 597           |
| 6:00 to 6:59 a.m.                      | 15,917           | 13,140            | 19,630          | 31,710          | 2,855         | 2,676           | 1,770         |
| 7:00 to 7:59 a.m.                      | 24,609           | 16,063            | 40,420          | 59,224          | 4,888         | 4,641           | 2,359         |
| 8:00 to 8:59 a.m.                      | 11,576           | 5,548             | 28,303          | 36,522          | 1,917         | 1,340           | 557           |
| 9:00 to 9:59 a.m.                      | 4,030            | 1,830             | 9,777           | 12,406          | 439           | 497             | 288           |
| 10:00 to 10:59 a.m.                    | 1,528            | 1,111             | 3,903           | 4,304           | 210           | 202             | 140           |
| 11:00 to 11:59 a.m.                    | 697              | 395               | 1,547           | 2,132           | 183           | 54              | 91            |
| 12:00 to 3:59 p.m.                     | 4,052            | 2,838             | 7,188           | 9,650           | 1,025         | 821             | 501           |
| 4:00 to 11:59 p.m.                     | 4,523            | 2,782             | 7,047           | 10,337          | 786           | 786             | 529           |
| Worked at home                         | 1,937            | 2,571             | 6,179           | 7,186           | 449           | 460             | 140           |
| <b>Private Vehicle Occupancy</b>       |                  |                   |                 |                 |               |                 |               |
| Drive alone                            | 60,997           | 42,983            | 89,650          | 155,868         | 11,942        | 10,046          | 5,547         |
| 2 person carpool                       | 8,118            | 4,690             | 11,375          | 15,434          | 1,462         | 1,598           | 787           |
| 3 person carpool                       | 1,139            | 903               | 1,453           | 2,225           | 186           | 393             | 219           |
| 4 person+ carpool                      | 1,380            | 301               | 421             | 1,245           | 228           | 399             | 144           |
| Other means                            | 4,627            | 2,924             | 12,093          | 12,822          | 880           | 1,060           | 521           |

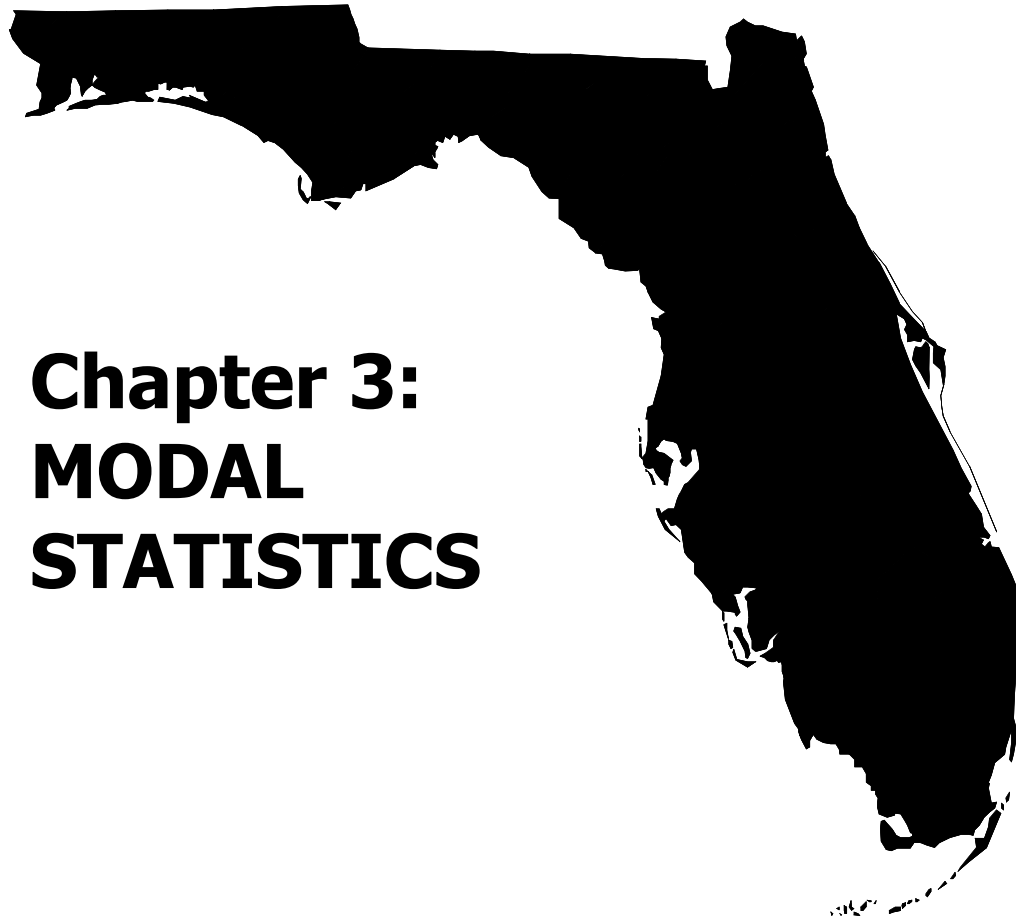
Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



**Table 2-13 (Continued)**  
**JOURNEY-TO-WORK CHARACTERISTICS FOR FLORIDA COUNTIES (2000)**

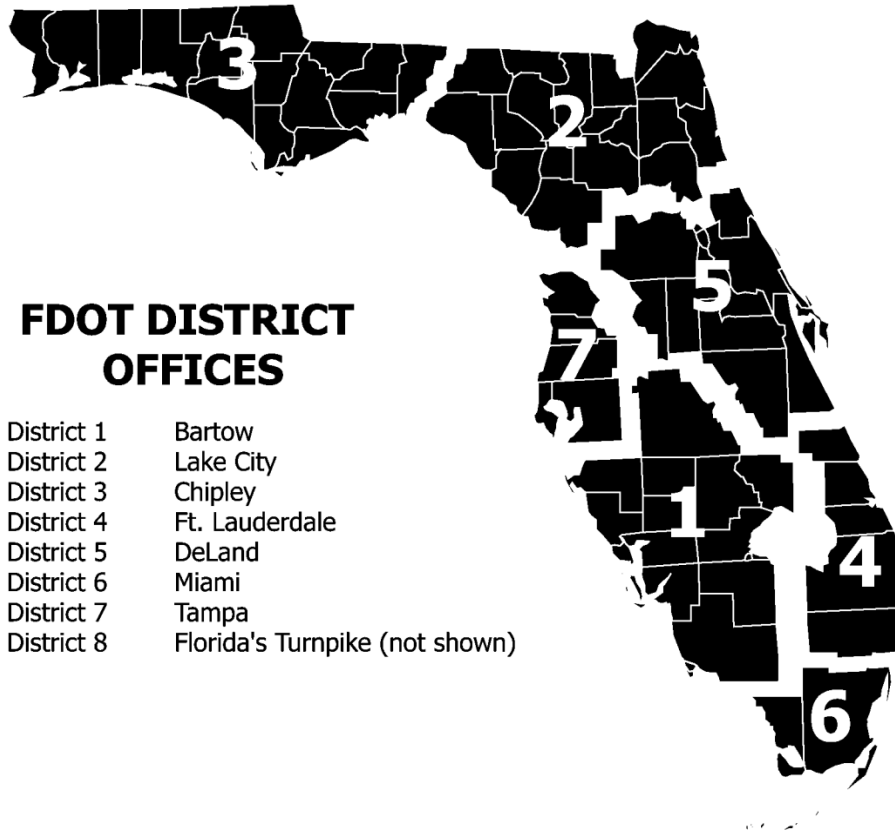
| <b>Journey-to-Work Characteristics</b> | <b>Union</b> | <b>Volusia</b> | <b>Wakulla</b> | <b>Walton</b> | <b>Washington</b> | <b>Florida</b> |
|----------------------------------------|--------------|----------------|----------------|---------------|-------------------|----------------|
| <b>Place of Work</b>                   |              |                |                |               |                   |                |
| Worked in home county                  | 1,835        | 149,832        | 4,043          | 11,078        | 4,167             | 5,662,640      |
| Worked outside home county             | 2,090        | 34,185         | 6,243          | 5,016         | 3,251             | 1,167,904      |
| Worked outside home state              | 30           | 1,898          | 189            | 708           | 413               | 79,624         |
| <b>Mode to Work</b>                    |              |                |                |               |                   |                |
| Private auto or carpool                | 3,718        | 171,448        | 9,854          | 15,691        | 7,374             | 6,339,293      |
| Drive alone                            | 3,239        | 146,360        | 8,242          | 13,088        | 6,120             | 5,445,527      |
| Carpool                                | 479          | 25,088         | 1,612          | 2,603         | 1,254             | 893,766        |
| Walk                                   | 39           | 3,531          | 155            | 299           | 145               | 118,386        |
| Public Transportation                  | 20           | 1,914          | 59             | 49            | 20                | 129,075        |
| Work at home                           | 91           | 5,426          | 369            | 617           | 204               | 207,089        |
| Other means                            | 81           | 1,582          | 36             | 249           | 69                | 62,064         |
| <b>Travel Time to Work</b>             |              |                |                |               |                   |                |
| Less than 10 minutes                   | 647          | 25,207         | 1,096          | 2,686         | 1,372             | 751,256        |
| 10 to 19 minutes                       | 980          | 60,540         | 1,394          | 4,267         | 1,950             | 2,007,979      |
| 20 to 29 minutes                       | 475          | 35,823         | 1,557          | 2,250         | 973               | 1,444,986      |
| 30 to 39 minutes                       | 710          | 26,686         | 2,265          | 2,443         | 1,365             | 1,260,220      |
| 40 or more minutes                     | 1,052        | 32,233         | 3,794          | 4,705         | 1,967             | 1,238,638      |
| Worked at home                         | 91           | 5,426          | 369            | 617           | 204               | 207,089        |
| <b>Departure Time to Work</b>          |              |                |                |               |                   |                |
| 12:00 to 4:59 a.m.                     | 148          | 6,010          | 387            | 619           | 401               | 195,491        |
| 5:00 to 5:59 a.m.                      | 385          | 12,427         | 894            | 1,888         | 977               | 410,551        |
| 6:00 to 6:59 a.m.                      | 829          | 33,785         | 2,899          | 3,878         | 2,312             | 1,290,199      |
| 7:00 to 7:59 a.m.                      | 1,443        | 56,167         | 3,608          | 4,742         | 1,936             | 2,110,087      |
| 8:00 to 8:59 a.m.                      | 319          | 30,295         | 1,159          | 2,124         | 584               | 1,200,757      |
| 9:00 to 9:59 a.m.                      | 103          | 10,276         | 254            | 918           | 251               | 419,450        |
| 10:00 to 10:59 a.m.                    | 28           | 4,149          | 121            | 344           | 70                | 167,860        |
| 11:00 to 11:59 a.m.                    | 40           | 2,222          | 37             | 97            | 112               | 77,065         |
| 12:00 to 3:59 p.m.                     | 299          | 11,766         | 348            | 849           | 521               | 413,569        |
| 4:00 to 11:59 p.m.                     | 270          | 13,392         | 399            | 892           | 467               | 418,050        |
| Worked at home                         | 91           | 5,426          | 369            | 617           | 204               | 207,089        |
| <b>Private Vehicle Occupancy</b>       |              |                |                |               |                   |                |
| Drive alone                            | 3,239        | 146,360        | 8,242          | 13,088        | 6,120             | 5,445,527      |
| 2 person carpool                       | 293          | 20,562         | 1,322          | 1,865         | 847               | 698,577        |
| 3 person carpool                       | 113          | 2,737          | 206            | 358           | 252               | 117,465        |
| 4 person+ carpool                      | 73           | 1,789          | 84             | 380           | 155               | 77,724         |
| Other means                            | 237          | 14,467         | 621            | 1,277         | 457               | 570,875        |

Source: 2000 U.S. Census: <http://www.census.gov/main/www/cen2000.html>.



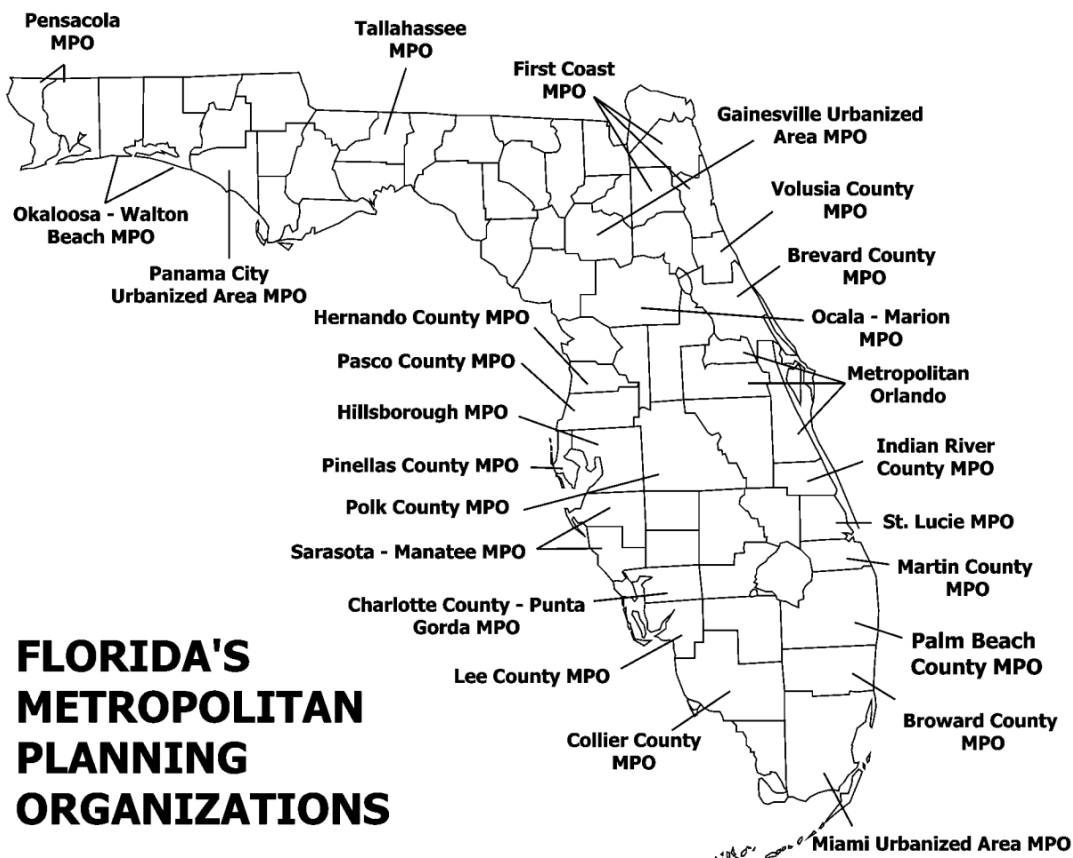
## **Chapter 3: MODAL STATISTICS**

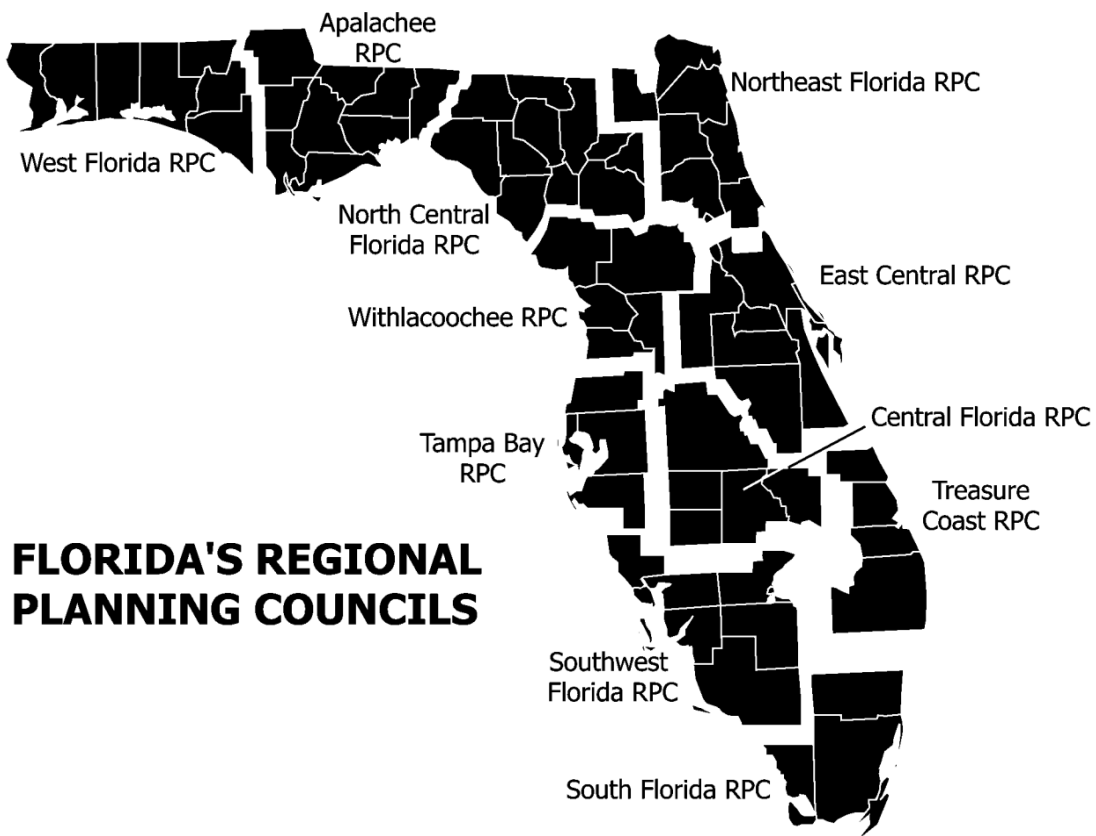




## **FDOT DISTRICT OFFICES**

|            |                                |
|------------|--------------------------------|
| District 1 | Bartow                         |
| District 2 | Lake City                      |
| District 3 | Chipley                        |
| District 4 | Ft. Lauderdale                 |
| District 5 | DeLand                         |
| District 6 | Miami                          |
| District 7 | Tampa                          |
| District 8 | Florida's Turnpike (not shown) |













### **SECTION HIGHLIGHTS**

- Florida has a statewide total of 12,057.7 highway centerline miles (Federal Functional Classification).
- Florida has a statewide total of 40,552.3 highway lane miles (Federal Functional Classification).
- On a daily basis, 267.3 million vehicles miles of travel occur on Florida's roadways. Of these, about 31 percent are rural and 69 percent are urban.
- Daily vehicle miles of travel in Florida increased by 11.4 percent, from 239.9 million DVMT in 1998 to 267.3 million DVMT in 2002.
- Motor fuel consumption in Florida decreased by 1.2 percent, from 7.68 billion gallons in 1995 to 7.59 billion gallons in 2000.
- Motor vehicle registrations in Florida increased by about 11 percent, from about 10.6 million in 1995 to about 11.78 million in 2000.
- Florida had in 2001, 11,303 bridges according to the National Bridge Inventory Database; 16.04 percent are functionally obsolete and 2.65 percent are structurally deficient.



**Table 3-1**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 1**

|                                        |                  |
|----------------------------------------|------------------|
| Centerline Miles                       | 1,867            |
| Lane Miles                             | 5,789            |
| Fixed Bridges                          | 907              |
| Movable Bridges                        | 19               |
| Land Area                              | 12,000 sq. miles |
| No. of Counties                        | 12               |
| Population                             | 1.8 million      |
| Daily Miles Traveled on State Highways | 21 million       |
| Transit Authorities                    | 4                |
| Transit Vehicles                       | 105              |
| Airports                               | 134              |
| Major Rail Lines                       | 4                |
| Deepwater Ports                        | 1                |

Source: Florida Department of Transportation (March 2003).

**Table 3-2**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 2**

|                                        |                  |
|----------------------------------------|------------------|
| Centerline Miles                       | 2,548            |
| Lane Miles                             | 7,848            |
| Fixed Bridges                          | 1,077            |
| Movable Bridges                        | 12               |
| Land Area                              | 12,000 sq. miles |
| No. of Counties                        | 18               |
| Population                             | 1.4 million      |
| Daily Miles Traveled on State Highways | 31 million       |
| Transit Authorities                    | 2                |
| Transit Vehicles                       | n/a              |
| Airports                               | 144              |
| Major Rail Lines                       | 3                |
| Deepwater Ports                        | 2                |

Source: Florida Department of Transportation (March 2003).



**Table 3-3**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 3**

|                                        |                  |
|----------------------------------------|------------------|
| Centerline Miles                       | 2,397            |
| Lane Miles                             | 6,474            |
| Fixed Bridges                          | 783              |
| Movable Bridges                        | 1                |
| Land Area                              | 11,500 sq. miles |
| No. of Counties                        | 16               |
| Population                             | 1 million        |
| Daily Miles Traveled on State Highways | 18 million       |
| Transit Authorities                    | 2                |
| Transit Vehicles                       | n/a              |
| Airports                               | 80               |
| Major Rail Lines                       | 4                |
| Deepwater Ports                        | 3                |

Source: Florida Department of Transportation (March 2003).

**Table 3-4**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 4**

|                                        |                 |
|----------------------------------------|-----------------|
| Centerline Miles                       | 1,394           |
| Lane Miles                             | 5,977           |
| Fixed Bridges                          | 663             |
| Movable Bridges                        | 38              |
| Land Area                              | 5,000 sq. miles |
| No. of Counties                        | 5               |
| Population                             | 2.7 million     |
| Daily Miles Traveled on State Highways | 42 million      |
| Transit Authorities                    | 2               |
| Transit Vehicles                       | 319             |
| Airports                               | 90              |
| Major Rail Lines                       | 2               |
| Deepwater Ports                        | 3               |

Source: Florida Department of Transportation (March 2003).



**Table 3-5**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 5**

|                                        |                 |
|----------------------------------------|-----------------|
| Centerline Miles                       | 2,100           |
| Lane Miles                             | 7,379           |
| Fixed Bridges                          | 605             |
| Movable Bridges                        | 9               |
| Land Area                              | 9,000 sq. miles |
| No. of Counties                        | 9               |
| Population                             | 2.3 million     |
| Daily Miles Traveled on State Highways | 40 million      |
| Transit Authorities                    | 5               |
| Transit Vehicles                       | n/a             |
| Airports                               | 160             |
| Major Rail Lines                       | 5               |
| Deepwater Ports                        | 1               |

Source: Florida Department of Transportation (March 2003).

**Table 3-6**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 6**

|                                        |             |
|----------------------------------------|-------------|
| Centerline Miles                       | 691         |
| Lane Miles                             | 2,864       |
| Fixed Bridges                          | 904         |
| Movable Bridges                        | 13          |
| Land Area                              | n/a         |
| No. of Counties                        | 2           |
| Population                             | 2.0 million |
| Daily Miles Traveled on State Highways | 23 million  |
| Transit Authorities                    | 2           |
| Transit Vehicles                       | 650         |
| Airports                               | 85          |
| Major Rail Lines                       | 2           |
| Deepwater Ports                        | 1           |

Source: Florida Department of Transportation (March 2003).



**Table 3-7**  
**STATE HIGHWAY SYSTEM SUMMARY, DISTRICT 7**

|                                        |                 |
|----------------------------------------|-----------------|
| Centerline Miles                       | 1,061           |
| Lane Miles                             | 4,221           |
| Fixed Bridges                          | 626             |
| Movable Bridges                        | 13              |
| Land Area                              | 3,332 sq. miles |
| No. of Counties                        | 5               |
| Population                             | 2 million       |
| Daily Miles Traveled on State Highways | 25 million      |
| Transit Authorities                    | 3               |
| Transit Vehicles                       | n/a             |
| Airports                               | 42              |
| Major Rail Lines                       | 1               |
| Deepwater Ports                        | 2               |

Source: Florida Department of Transportation (March 2003).

**Table 3-8**  
**2001 BRIDGES BY JURISDICTION**

| <b>Jurisdiction</b> | <b>Number of Bridges</b> |
|---------------------|--------------------------|
| State Owned         | 7,197                    |
| Locally Owned       | 4,106                    |
| Total               | 11,303                   |

Source: 2001 National Bridge Inventory Database, Federal Highway Administration.

**Table 3-9**  
**2001 BRIDGE DEFICIENCIES**

| <b>Deficiencies</b>    | <b>% of Bridges</b> |
|------------------------|---------------------|
| Structurally Deficient | 2.65                |
| Functionally Obsolete  | 16.04               |
| Functionally Adequate  | 81.31               |

Source: 2001 National Bridge Inventory Database, Federal Highway Administration.



**Table 3-10**  
**CENTERLINE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                |                 | Total              |                |             | Total Collector | Total |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|-------------|-----------------|-------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial | Total       |                 |       |
| Charlotte         | 37.6               | 24.2           | 0.0             | 0.0             | 25.0               | 10.6           | 0.0             | 62.6               | 34.8           | 0.0         | 0.0             | 97.4  |
| Collier           | 137.5              | 31.3           | 0.0             | 0.0             | 30.5               | 9.4            | 0.0             | 167.9              | 40.8           | 0.0         | 0.0             | 208.7 |
| Desoto            | 45.9               | 22.5           | 0.0             | 0.0             | 12.9               | 1.7            | 0.0             | 58.8               | 24.2           | 0.0         | 0.0             | 83.0  |
| Glades            | 41.4               | 44.3           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 41.4               | 44.3           | 0.0         | 0.0             | 85.8  |
| Hardee            | 70.2               | 21.2           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 70.2               | 21.2           | 0.0         | 0.0             | 91.4  |
| Hendry            | 61.0               | 1.3            | 0.0             | 0.0             | 2.5                | 0.0            | 0.0             | 63.5               | 1.3            | 0.0         | 0.0             | 64.8  |
| Highlands         | 106.1              | 0.0            | 5.5             | 0.0             | 14.2               | 0.0            | 6.7             | 120.3              | 0.0            | 12.2        | 0.0             | 132.5 |
| Lee               | 43.2               | 29.9           | 0.0             | 0.0             | 64.1               | 32.0           | 0.0             | 107.3              | 61.9           | 0.0         | 0.0             | 169.2 |
| Manatee           | 94.6               | 28.7           | 0.0             | 0.0             | 56.1               | 25.3           | 3.1             | 150.7              | 54.0           | 3.1         | 0.0             | 207.9 |
| Okeechobee        | 98.5               | 4.8            | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 98.5               | 4.8            | 0.0         | 0.0             | 103.3 |
| Polk              | 149.8              | 47.9           | 33.7            | 0.0             | 138.2              | 75.6           | 18.2            | 287.9              | 123.5          | 51.8        | 0.0             | 463.3 |
| Sarasota          | 35.6               | 22.6           | 0.0             | 0.0             | 64.0               | 37.3           | 0.0             | 99.6               | 59.9           | 0.0         | 0.0             | 159.5 |
| <b>District 1</b> | <b>921.5</b>       | <b>278.8</b>   | <b>39.1</b>     | <b>0.0</b>      | <b>407.3</b>       | <b>191.9</b>   | <b>28.0</b>     | <b>1,328.8</b>     | <b>470.7</b>   | <b>67.1</b> | <b>1,866.6</b>  |       |
| Alachua           | 145.6              | 47.7           | 13.5            | 0.0             | 57.3               | 27.3           | 4.9             | 202.8              | 75.1           | 18.4        | 0.0             | 296.3 |
| Baker             | 25.5               | 43.8           | 14.7            | 0.0             | 0.0                | 0.0            | 0.0             | 25.5               | 43.8           | 14.7        | 0.0             | 83.9  |
| Bradford          | 19.8               | 30.1           | 8.9             | 0.0             | 4.1                | 4.8            | 1.3             | 23.9               | 34.9           | 10.2        | 0.0             | 69.0  |
| Clay              | 50.3               | 26.9           | 3.5             | 0.0             | 26.4               | 2.8            | 0.0             | 76.7               | 29.6           | 3.5         | 0.0             | 109.9 |
| Columbia          | 106.6              | 64.4           | 2.3             | 0.0             | 18.3               | 12.3           | 0.0             | 125.0              | 76.7           | 2.3         | 0.0             | 204.0 |
| Dixie             | 29.2               | 17.0           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 29.2               | 17.0           | 0.0         | 0.0             | 46.3  |
| Duval             | 26.8               | 11.7           | 0.0             | 0.0             | 275.4              | 151.9          | 1.8             | 302.2              | 163.6          | 1.8         | 0.0             | 467.7 |
| Gilchrist         | 18.4               | 41.9           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 18.4               | 41.9           | 0.0         | 0.0             | 60.2  |
| Hamilton          | 28.7               | 61.9           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 28.7               | 61.9           | 0.0         | 0.0             | 90.6  |
| Lafayette         | 31.0               | 31.2           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 31.0               | 31.2           | 0.0         | 0.0             | 62.2  |
| Levy              | 82.1               | 86.8           | 14.5            | 0.0             | 0.0                | 0.0            | 0.0             | 82.1               | 86.8           | 14.5        | 0.0             | 183.5 |
| Madison           | 38.8               | 99.9           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 38.8               | 99.9           | 0.0         | 0.0             | 138.6 |
| Nassau            | 62.8               | 21.8           | 0.0             | 0.0             | 4.4                | 22.3           | 0.0             | 67.2               | 44.2           | 0.0         | 0.0             | 111.4 |
| Putnam            | 75.3               | 51.3           | 0.0             | 0.0             | 7.7                | 6.6            | 0.0             | 83.0               | 57.9           | 0.0         | 0.0             | 140.8 |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-10 (Continued)**  
**CENTERLINE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                | Total           |                    |                | Total Collector | Total          |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|-----------------|----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial |                 |                |
| St. Johns         | 86.2               | 51.2           | 0.0             | 0.0             | 15.6               | 33.1           | 0.0             | 101.9              | 84.2           | 0.0             | 186.1          |
| Suwannee          | 37.8               | 83.6           | 0.0             | 0.0             | 0.0                | 7.4            | 0.0             | 37.8               | 91.0           | 0.0             | 128.8          |
| Taylor            | 75.3               | 23.9           | 0.0             | 0.0             | 11.6               | 0.0            | 0.0             | 86.8               | 23.9           | 0.0             | 110.7          |
| Union             | 0.0                | 40.1           | 17.6            | 0.0             | 0.0                | 0.0            | 0.0             | 0.0                | 40.1           | 17.6            | 57.7           |
| <b>District 2</b> | <b>940.2</b>       | <b>835.2</b>   | <b>75.0</b>     | <b>0.0</b>      | <b>420.9</b>       | <b>268.6</b>   | <b>8.1</b>      | <b>1,361.1</b>     | <b>1,103.8</b> | <b>83.1</b>     | <b>2,548.0</b> |
| Bay               | 87.8               | 0.0            | 0.0             | 9.4             | 56.5               | 43.4           | 7.1             | 144.4              | 43.4           | 16.4            | 204.2          |
| Calhoun           | 24.6               | 35.3           | 36.2            | 0.0             | 0.0                | 0.0            | 0.0             | 24.6               | 35.3           | 36.2            | 96.2           |
| Escambia          | 51.4               | 31.7           | 0.0             | 0.0             | 107.5              | 66.9           | 5.5             | 158.9              | 98.6           | 5.5             | 263.0          |
| Franklin          | 61.3               | 24.3           | 5.4             | 0.0             | 0.0                | 0.0            | 0.0             | 61.3               | 24.3           | 5.4             | 91.0           |
| Gadsden           | 44.9               | 39.9           | 45.1            | 0.0             | 0.0                | 4.2            | 3.9             | 44.9               | 44.1           | 49.0            | 138.0          |
| Gulf              | 20.8               | 42.7           | 15.5            | 0.0             | 0.0                | 0.0            | 0.0             | 20.8               | 42.7           | 15.5            | 79.0           |
| Holmes            | 15.5               | 40.1           | 48.9            | 0.0             | 0.0                | 0.0            | 0.0             | 15.5               | 40.1           | 48.9            | 104.5          |
| Jackson           | 77.2               | 84.3           | 72.3            | 0.0             | 0.0                | 5.1            | 3.3             | 77.2               | 89.4           | 75.6            | 242.2          |
| Jefferson         | 62.0               | 31.8           | 16.8            | 0.0             | 0.0                | 0.0            | 0.0             | 62.0               | 31.8           | 16.8            | 110.5          |
| Leon              | 49.0               | 11.7           | 17.7            | 0.0             | 80.2               | 37.7           | 0.8             | 129.2              | 49.4           | 18.5            | 197.1          |
| Liberty           | 21.3               | 36.3           | 12.5            | 0.0             | 0.0                | 0.0            | 0.0             | 21.3               | 36.3           | 12.5            | 70.1           |
| Okaloosa          | 53.0               | 67.2           | 0.0             | 0.0             | 53.2               | 24.1           | 6.7             | 106.2              | 91.3           | 6.7             | 204.3          |
| Santa Rosa        | 32.5               | 109.9          | 0.0             | 0.1             | 17.4               | 38.8           | 0.3             | 50.0               | 148.7          | 0.4             | 199.0          |
| Wakulla           | 56.0               | 8.5            | 16.6            | 0.0             | 0.0                | 0.0            | 0.0             | 56.0               | 8.5            | 16.6            | 81.1           |
| Walton            | 127.4              | 41.4           | 17.9            | 0.0             | 10.4               | 6.5            | 0.0             | 137.8              | 47.8           | 17.9            | 203.5          |
| Washington        | 51.5               | 61.4           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 51.5               | 61.4           | 0.0             | 112.9          |
| <b>District 3</b> | <b>836.1</b>       | <b>666.6</b>   | <b>304.9</b>    | <b>9.4</b>      | <b>325.2</b>       | <b>226.7</b>   | <b>27.6</b>     | <b>1,161.4</b>     | <b>893.4</b>   | <b>342.0</b>    | <b>2,396.8</b> |
| Broward           | 52.4               | 0.0            | 0.0             | 0.0             | 270.7              | 119.1          | 15.1            | 323.1              | 119.1          | 15.1            | 457.2          |
| Indian River      | 59.4               | 9.0            | 0.0             | 0.0             | 25.8               | 17.7           | 7.5             | 85.2               | 26.6           | 7.5             | 119.4          |
| Martin            | 103.3              | 5.7            | 0.0             | 0.0             | 37.7               | 12.8           | 4.5             | 141.0              | 18.4           | 4.5             | 163.9          |
| Palm Beach        | 130.3              | 7.3            | 2.0             | 0.0             | 219.8              | 80.3           | 43.0            | 350.1              | 87.6           | 45.0            | 482.8          |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-10 (Continued)**  
**CENTERLINE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                |                 | Total              |                |                 | Total Collector | Total           |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|-----------------|-----------------|-----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial | Total           |                 |                 |
| St. Lucie         | 49.3               | 17.0           | 0.0             | 0.0             | 77.2               | 23.1           | 3.9             | 126.6              | 40.2           | 166.8           | 3.9             | 170.7           |
| <b>District 4</b> | <b>394.7</b>       | <b>39.0</b>    | <b>2.0</b>      | <b>0.0</b>      | <b>631.2</b>       | <b>253.0</b>   | <b>74.1</b>     | <b>1,026.0</b>     | <b>291.9</b>   | <b>1,317.9</b>  | <b>76.0</b>     | <b>1,393.9</b>  |
| Brevard           | 96.0               | 25.1           | 0.0             | 0.0             | 181.4              | 29.1           | 1.4             | 277.4              | 54.2           | 331.6           | 1.4             | 333.1           |
| Flagler           | 56.3               | 29.1           | 0.0             | 0.0             | 12.0               | 5.0            | 0.0             | 68.3               | 34.2           | 102.5           | 0.0             | 102.4           |
| Lake              | 88.4               | 72.7           | 0.0             | 0.0             | 44.2               | 18.9           | 0.3             | 132.7              | 91.6           | 224.3           | 0.3             | 224.6           |
| Marion            | 137.5              | 54.1           | 0.4             | 0.0             | 32.9               | 24.4           | 0.0             | 170.4              | 78.5           | 248.9           | 0.4             | 249.3           |
| Orange            | 73.5               | 8.8            | 0.0             | 0.0             | 220.0              | 76.9           | 0.1             | 293.5              | 85.7           | 379.2           | 0.1             | 379.4           |
| Osceola           | 144.6              | 0.0            | 0.0             | 0.0             | 53.7               | 0.0            | 0.0             | 198.3              | 0.0            | 198.3           | 0.0             | 198.3           |
| Seminole          | 4.9                | 13.8           | 0.0             | 0.0             | 94.0               | 7.3            | 0.0             | 98.9               | 21.1           | 120.0           | 0.0             | 120.0           |
| Sumter            | 93.5               | 38.6           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 93.5               | 38.6           | 132.1           | 0.0             | 132.2           |
| Volusia           | 147.5              | 41.4           | 0.0             | 0.0             | 146.0              | 25.3           | 0.8             | 293.5              | 66.8           | 360.3           | 0.8             | 361.0           |
| <b>District 5</b> | <b>842.3</b>       | <b>283.8</b>   | <b>0.4</b>      | <b>0.0</b>      | <b>784.3</b>       | <b>186.9</b>   | <b>2.7</b>      | <b>1,626.6</b>     | <b>470.7</b>   | <b>2,097.3</b>  | <b>3.0</b>      | <b>2,100.3</b>  |
| Dade              | 86.5               | 11.8           | 0.0             | 0.0             | 315.1              | 158.3          | 0.0             | 401.5              | 170.1          | 571.6           | 0.0             | 571.6           |
| Monroe            | 82.0               | 0.0            | 0.0             | 0.0             | 35.6               | 1.7            | 0.0             | 117.6              | 1.7            | 119.3           | 0.0             | 119.3           |
| <b>District 6</b> | <b>168.4</b>       | <b>11.8</b>    | <b>0.0</b>      | <b>0.0</b>      | <b>350.7</b>       | <b>160.0</b>   | <b>0.0</b>      | <b>519.2</b>       | <b>171.7</b>   | <b>690.9</b>    | <b>0.0</b>      | <b>690.9</b>    |
| Citrus            | 75.3               | 0.0            | 0.0             | 0.0             | 13.4               | 0.0            | 0.0             | 88.6               | 0.0            | 88.6            | 0.0             | 88.6            |
| Hernando          | 84.2               | 11.0           | 0.0             | 0.0             | 27.4               | 1.9            | 0.0             | 111.6              | 12.9           | 124.5           | 0.0             | 124.5           |
| Hillsborough      | 106.0              | 5.5            | 0.0             | 0.0             | 273.9              | 42.6           | 0.9             | 379.9              | 48.2           | 428.1           | 0.9             | 429.0           |
| Pasco             | 117.8              | 8.2            | 2.2             | 0.0             | 60.1               | 6.6            | 0.0             | 177.9              | 14.8           | 192.7           | 2.2             | 194.9           |
| Pinellas          | 0.0                | 0.0            | 0.0             | 0.0             | 138.1              | 83.5           | 2.6             | 138.1              | 83.5           | 221.6           | 2.6             | 224.2           |
| <b>District 7</b> | <b>383.3</b>       | <b>24.7</b>    | <b>2.2</b>      | <b>0.0</b>      | <b>512.8</b>       | <b>134.7</b>   | <b>3.5</b>      | <b>896.1</b>       | <b>159.4</b>   | <b>1,055.5</b>  | <b>5.7</b>      | <b>1,061.3</b>  |
| <b>Statewide</b>  | <b>4,486.6</b>     | <b>2,139.8</b> | <b>423.7</b>    | <b>9.4</b>      | <b>3,432.5</b>     | <b>1,421.8</b> | <b>143.9</b>    | <b>7,919.2</b>     | <b>3,561.6</b> | <b>11,480.8</b> | <b>577.0</b>    | <b>12,057.7</b> |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-11**  
**LANE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                | Total           |                    | Total Collector | Total          |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|-----------------|----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial |                 |                |
| Charlotte         | 141.6              | 54.2           | 0.0             | 0.0             | 104.4              | 34.0           | 0.0             | 246.0              | 88.2            | 334.2          |
| Collier           | 396.9              | 73.6           | 0.0             | 0.0             | 130.8              | 38.0           | 0.0             | 527.7              | 111.6           | 639.3          |
| Desoto            | 92.0               | 45.1           | 0.0             | 0.0             | 30.6               | 3.4            | 0.0             | 122.6              | 48.4            | 171.0          |
| Glades            | 140.9              | 88.6           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 140.9              | 88.6            | 229.5          |
| Hardee            | 158.1              | 42.3           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 158.1              | 42.3            | 200.4          |
| Hendry            | 152.1              | 2.6            | 0.0             | 0.0             | 10.0               | 0.0            | 0.0             | 162.1              | 2.6             | 164.6          |
| Highlands         | 288.6              | 0.0            | 11.7            | 0.0             | 68.9               | 0.0            | 16.3            | 357.4              | 0.0             | 385.4          |
| Lee               | 161.8              | 73.9           | 0.0             | 0.0             | 269.0              | 107.3          | 0.0             | 430.8              | 181.2           | 612.0          |
| Manatee           | 294.5              | 57.5           | 0.0             | 0.0             | 254.4              | 73.8           | 6.1             | 548.9              | 131.3           | 686.3          |
| Okeechobee        | 224.7              | 9.6            | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 224.7              | 9.6             | 234.3          |
| Polk              | 510.1              | 98.3           | 67.3            | 0.0             | 540.4              | 247.5          | 40.6            | 1,050.5            | 345.8           | 1,504.2        |
| Sarasota          | 158.7              | 45.2           | 0.0             | 0.0             | 287.4              | 136.7          | 0.0             | 446.2              | 181.9           | 628.1          |
| <b>District 1</b> | <b>2,720.0</b>     | <b>590.8</b>   | <b>79.0</b>     | <b>0.0</b>      | <b>1,695.9</b>     | <b>640.7</b>   | <b>63.0</b>     | <b>4,415.9</b>     | <b>1,231.5</b>  | <b>5,789.4</b> |
| Alachua           | 543.0              | 95.9           | 27.0            | 0.0             | 249.0              | 93.1           | 16.1            | 792.2              | 189.0           | 1,024.0        |
| Baker             | 101.8              | 92.8           | 29.4            | 0.0             | 0.0                | 0.0            | 0.0             | 101.8              | 92.8            | 224.0          |
| Bradford          | 74.1               | 60.2           | 17.7            | 0.0             | 14.2               | 9.6            | 2.7             | 88.3               | 69.8            | 178.6          |
| Clay              | 160.4              | 53.8           | 7.1             | 0.0             | 127.6              | 11.3           | 0.0             | 288.0              | 65.1            | 360.2          |
| Columbia          | 364.8              | 130.6          | 4.6             | 0.0             | 70.8               | 46.0           | 0.0             | 435.6              | 176.6           | 616.8          |
| Dixie             | 116.9              | 34.1           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 116.9              | 34.1            | 151.0          |
| Duval             | 95.5               | 23.4           | 0.0             | 0.0             | 1,250.3            | 521.6          | 4.2             | 1,345.8            | 545.0           | 1,894.9        |
| Gilchrist         | 38.0               | 83.7           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 38.0               | 83.7            | 121.7          |
| Hamilton          | 172.5              | 124.8          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 172.5              | 124.8           | 297.3          |
| Lafayette         | 62.1               | 62.4           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 62.1               | 62.4            | 124.4          |
| Levy              | 282.8              | 173.6          | 29.0            | 0.0             | 0.0                | 0.0            | 0.0             | 282.8              | 173.6           | 485.4          |
| Madison           | 155.0              | 205.5          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 155.0              | 205.5           | 360.6          |
| Nassau            | 200.7              | 54.1           | 0.0             | 0.0             | 9.8                | 62.2           | 0.0             | 210.6              | 116.3           | 326.9          |
| Putnam            | 201.1              | 102.6          | 0.0             | 0.0             | 23.0               | 25.0           | 0.0             | 224.1              | 127.6           | 351.7          |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-11 (Continued)**  
**LANE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                | Total              |                |                 | Total Collector | Total          |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|--------------------|----------------|-----------------|-----------------|----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Principal Arterial | Minor Arterial | Total Collector |                 |                |
| St. Johns         | 293.8              | 111.0          | 0.0             | 0.0             | 64.3               | 94.4           | 358.0              | 205.4          | 0.0             | 0.0             | 563.4          |
| Suwannee          | 141.3              | 172.6          | 0.0             | 0.0             | 0.0                | 18.3           | 141.3              | 190.9          | 0.0             | 0.0             | 332.1          |
| Taylor            | 232.1              | 47.8           | 0.0             | 0.0             | 39.6               | 0.0            | 271.8              | 47.8           | 0.0             | 0.0             | 319.5          |
| Union             | 0.0                | 80.1           | 35.2            | 0.0             | 0.0                | 0.0            | 0.0                | 80.1           | 35.2            | 0.0             | 115.4          |
| <b>District 2</b> | <b>3,235.8</b>     | <b>1,709.0</b> | <b>150.0</b>    | <b>0.0</b>      | <b>1,848.6</b>     | <b>881.5</b>   | <b>5,084.5</b>     | <b>2,590.5</b> | <b>172.9</b>    | <b>7,847.9</b>  |                |
| Bay               | 224.5              | 0.0            | 0.0             | 18.8            | 218.9              | 116.9          | 443.4              | 116.9          | 32.9            | 0.0             | 593.2          |
| Calhoun           | 52.6               | 71.2           | 72.4            | 0.0             | 0.0                | 0.0            | 52.6               | 71.2           | 72.4            | 0.0             | 196.3          |
| Escambia          | 169.4              | 66.1           | 0.0             | 0.0             | 371.5              | 206.3          | 540.9              | 272.4          | 11.0            | 0.0             | 824.3          |
| Franklin          | 122.6              | 48.6           | 10.9            | 0.0             | 0.0                | 0.0            | 122.6              | 48.6           | 10.9            | 0.0             | 182.0          |
| Gadsden           | 179.5              | 109.5          | 117.2           | 0.0             | 0.0                | 16.9           | 179.5              | 126.4          | 127.5           | 0.0             | 433.3          |
| Gulf              | 43.5               | 87.6           | 30.9            | 0.0             | 0.0                | 0.0            | 43.5               | 87.6           | 30.9            | 0.0             | 162.0          |
| Holmes            | 61.8               | 85.8           | 97.8            | 0.0             | 0.0                | 0.0            | 61.8               | 85.8           | 97.8            | 0.0             | 245.4          |
| Jackson           | 283.5              | 184.8          | 145.3           | 0.0             | 0.0                | 16.1           | 283.5              | 200.9          | 151.9           | 0.0             | 636.3          |
| Jefferson         | 232.5              | 65.0           | 33.5            | 0.0             | 0.0                | 0.0            | 232.0              | 65.0           | 33.5            | 0.0             | 330.5          |
| Leon              | 151.1              | 26.9           | 35.3            | 0.0             | 284.9              | 116.8          | 436.0              | 143.7          | 37.3            | 0.0             | 617.0          |
| Liberty           | 45.6               | 72.6           | 25.1            | 0.0             | 0.0                | 0.0            | 45.6               | 72.6           | 25.1            | 0.0             | 143.2          |
| Okaloosa          | 176.1              | 141.0          | 0.0             | 0.0             | 218.4              | 89.9           | 394.9              | 230.9          | 28.9            | 0.0             | 654.4          |
| Santa Rosa        | 130.1              | 225.7          | 0.0             | 0.1             | 72.5               | 109.4          | 202.6              | 335.1          | 1.3             | 0.0             | 539.0          |
| Wakulla           | 112.2              | 17.0           | 33.3            | 0.0             | 0.0                | 0.0            | 112.2              | 17.0           | 33.3            | 0.0             | 162.5          |
| Walton            | 309.7              | 84.1           | 35.8            | 0.0             | 39.5               | 19.4           | 349.1              | 103.5          | 35.8            | 0.0             | 488.4          |
| Washington        | 138.2              | 128.2          | 0.0             | 0.0             | 0.0                | 0.0            | 138.2              | 128.2          | 0.0             | 0.0             | 266.4          |
| <b>District 3</b> | <b>2,432.4</b>     | <b>1,413.9</b> | <b>637.5</b>    | <b>18.9</b>     | <b>1,205.7</b>     | <b>691.7</b>   | <b>3,638.1</b>     | <b>2,105.7</b> | <b>74.1</b>     | <b>730.4</b>    | <b>6,474.2</b> |
| Broward           | 214.1              | 0.0            | 0.0             | 0.0             | 1,649.4            | 500.6          | 1,863.5            | 500.6          | 44.3            | 0.0             | 2,408.4        |
| Indian River      | 194.1              | 17.9           | 0.0             | 0.0             | 107.2              | 38.4           | 301.2              | 56.4           | 19.0            | 0.0             | 376.6          |
| Martin            | 343.5              | 13.4           | 0.0             | 0.0             | 182.4              | 33.4           | 525.9              | 46.8           | 9.0             | 0.0             | 581.6          |
| Palm Beach        | 450.3              | 15.3           | 5.2             | 0.0             | 1,117.6            | 305.1          | 1,567.9            | 320.4          | 104.4           | 0.0             | 1,997.9        |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-11 (Continued)**  
**LANE MILES FOR FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                | Total           |                    |                | Total Collector | Total           |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|-----------------|-----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial |                 |                 |
| St. Lucie         | 162.9              | 35.4           | 0.0             | 0.0             | 355.5              | 48.5           | 10.6            | 518.4              | 83.9           | 10.6            | 612.9           |
| <b>District 4</b> | <b>1,364.9</b>     | <b>82.1</b>    | <b>5.2</b>      | <b>0.0</b>      | <b>3,412.0</b>     | <b>926.2</b>   | <b>187.2</b>    | <b>4,776.9</b>     | <b>1,008.1</b> | <b>192.4</b>    | <b>5,977.4</b>  |
| Brevard           | 345.8              | 62.9           | 0.0             | 0.0             | 710.8              | 82.8           | 2.9             | 1,056.6            | 145.7          | 2.9             | 1,205.3         |
| Flagler           | 184.8              | 59.9           | 0.0             | 0.0             | 43.4               | 10.0           | 0.0             | 228.2              | 70.0           | 0.0             | 298.1           |
| Lake              | 304.0              | 154.5          | 0.0             | 0.0             | 179.8              | 61.1           | 0.6             | 483.8              | 215.6          | 0.6             | 700.0           |
| Marion            | 537.8              | 113.0          | 0.7             | 0.0             | 151.4              | 73.5           | 0.0             | 689.2              | 186.5          | 0.7             | 876.5           |
| Orange            | 279.5              | 21.4           | 0.0             | 0.0             | 1,035.0            | 269.5          | 0.2             | 1,314.5            | 291.0          | 0.2             | 1,605.7         |
| Osceola           | 408.4              | 0.0            | 0.0             | 0.0             | 244.1              | 0.0            | 0.0             | 652.5              | 0.0            | 0.0             | 652.5           |
| Seminole          | 12.8               | 27.7           | 0.0             | 0.0             | 408.3              | 20.1           | 0.0             | 421.0              | 47.8           | 0.0             | 468.8           |
| Sumter            | 297.9              | 79.3           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 297.9              | 79.3           | 0.0             | 377.2           |
| Volusia           | 477.9              | 82.7           | 0.0             | 0.0             | 571.1              | 61.2           | 1.5             | 1,049.0            | 143.9          | 1.5             | 1,194.4         |
| <b>District 5</b> | <b>2,849.0</b>     | <b>601.4</b>   | <b>0.7</b>      | <b>0.0</b>      | <b>3,343.9</b>     | <b>578.3</b>   | <b>5.2</b>      | <b>6,192.9</b>     | <b>1,179.7</b> | <b>5.9</b>      | <b>7,378.6</b>  |
| Dade              | 221.7              | 25.8           | 0.0             | 0.0             | 1,679.5            | 633.8          | 0.0             | 1,901.1            | 659.6          | 0.0             | 2,560.7         |
| Monroe            | 176.3              | 0.0            | 0.0             | 0.0             | 122.6              | 3.9            | 0.0             | 298.8              | 3.9            | 0.0             | 302.8           |
| <b>District 6</b> | <b>397.9</b>       | <b>25.8</b>    | <b>0.0</b>      | <b>0.0</b>      | <b>1,802.1</b>     | <b>637.7</b>   | <b>0.0</b>      | <b>2,200.0</b>     | <b>663.5</b>   | <b>0.0</b>      | <b>2,863.5</b>  |
| Citrus            | 223.0              | 0.0            | 0.0             | 0.0             | 42.6               | 0.0            | 0.0             | 265.6              | 0.0            | 0.0             | 265.6           |
| Hernando          | 291.5              | 25.2           | 0.0             | 0.0             | 106.3              | 4.4            | 0.0             | 397.8              | 29.6           | 0.0             | 427.4           |
| Hillsborough      | 355.2              | 11.1           | 0.0             | 0.0             | 1,288.6            | 165.5          | 3.2             | 1,643.8            | 176.6          | 3.2             | 1,823.6         |
| Pasco             | 341.4              | 25.2           | 4.5             | 0.0             | 263.4              | 20.4           | 0.0             | 604.8              | 45.6           | 4.5             | 654.9           |
| Pinellas          | 0.0                | 0.0            | 0.0             | 0.0             | 735.6              | 309.0          | 5.2             | 735.6              | 309.0          | 5.2             | 1,049.8         |
| <b>District 7</b> | <b>1,211.0</b>     | <b>61.5</b>    | <b>4.5</b>      | <b>0.0</b>      | <b>2,436.5</b>     | <b>499.4</b>   | <b>8.4</b>      | <b>3,647.6</b>     | <b>560.9</b>   | <b>12.9</b>     | <b>4,221.3</b>  |
| <b>Statewide</b>  | <b>14,211.0</b>    | <b>4,484.5</b> | <b>876.9</b>    | <b>18.9</b>     | <b>15,744.8</b>    | <b>4,855.4</b> | <b>360.7</b>    | <b>29,955.8</b>    | <b>9,339.9</b> | <b>1,256.5</b>  | <b>40,552.3</b> |

Note: The Functional Classification mileage does not include 0.5 miles of State roads functionally classified as "local."  
Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-12**  
**DAILY VMT, THOUSANDS, FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                | Total           |                    |                | Total Collector | Total           |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|-----------------|-----------------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial |                 |                 |
| Charlotte         | 912.8              | 175.7          | 0.0             | 0.0             | 790.0              | 208.6          | 0.0             | 1,702.8            | 384.2          | 0.0             | 2,087.1         |
| Collier           | 1,686.4            | 278.5          | 0.0             | 0.0             | 953.1              | 244.4          | 0.0             | 2,639.6            | 522.8          | 0.0             | 3,162.4         |
| Desoto            | 254.6              | 82.5           | 0.0             | 0.0             | 110.8              | 10.3           | 0.0             | 365.4              | 92.8           | 0.0             | 458.1           |
| Glades            | 244.6              | 146.6          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 244.6              | 146.6          | 0.0             | 391.3           |
| Hardee            | 402.8              | 74.9           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 402.8              | 74.9           | 0.0             | 477.7           |
| Hendry            | 541.9              | 8.7            | 0.0             | 0.0             | 45.6               | 0.0            | 0.0             | 587.5              | 8.7            | 0.0             | 596.2           |
| Highlands         | 853.0              | 0.0            | 30.7            | 0.0             | 427.6              | 0.0            | 67.3            | 1,280.6            | 0.0            | 98.0            | 1,378.6         |
| Lee               | 1,935.6            | 394.4          | 0.0             | 0.0             | 2,032.9            | 753.5          | 0.0             | 3,968.5            | 1,147.4        | 0.0             | 5,115.9         |
| Manatee           | 2,054.6            | 67.1           | 0.0             | 0.0             | 1,797.6            | 630.6          | 38.0            | 3,852.2            | 697.8          | 38.0            | 4,588.0         |
| Okeechobee        | 847.8              | 26.3           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 847.8              | 26.3           | 0.0             | 874.1           |
| Polk              | 3,362.6            | 291.9          | 185.6           | 0.0             | 3,495.8            | 1,438.1        | 182.2           | 6,858.4            | 1,730.0        | 367.8           | 8,956.1         |
| Sarasota          | 1,750.1            | 49.2           | 0.0             | 0.0             | 2,663.4            | 902.3          | 0.0             | 4,413.6            | 951.5          | 0.0             | 5,365.0         |
| <b>District 1</b> | <b>14,846.8</b>    | <b>1,595.2</b> | <b>216.2</b>    | <b>0.0</b>      | <b>12,316.9</b>    | <b>4,187.7</b> | <b>287.5</b>    | <b>27,163.7</b>    | <b>5,782.9</b> | <b>503.8</b>    | <b>33,450.4</b> |
| Alachua           | 2,500.4            | 359.7          | 36.3            | 0.0             | 1,720.1            | 460.1          | 73.4            | 4,220.5            | 819.7          | 109.7           | 5,149.9         |
| Baker             | 571.8              | 231.9          | 7.4             | 0.0             | 0.0                | 0.0            | 0.0             | 571.8              | 231.9          | 7.4             | 811.1           |
| Bradford          | 340.7              | 180.2          | 15.0            | 0.0             | 83.4               | 34.8           | 8.1             | 424.1              | 215.0          | 23.1            | 662.2           |
| Clay              | 534.1              | 194.5          | 9.9             | 0.0             | 1,010.9            | 86.2           | 0.0             | 1,545.0            | 280.7          | 9.9             | 1,835.6         |
| Columbia          | 1,614.1            | 389.7          | 4.8             | 0.0             | 306.6              | 210.7          | 0.0             | 1,920.7            | 600.4          | 4.8             | 2,526.0         |
| Dixie             | 232.3              | 48.3           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 232.3              | 48.3           | 0.0             | 280.6           |
| Duval             | 708.5              | 66.4           | 0.0             | 0.0             | 13,272.2           | 2,875.4        | 15.1            | 13,980.7           | 2,941.1        | 15.1            | 16,937.6        |
| Gilchrist         | 138.8              | 126.3          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 138.8              | 126.3          | 0.0             | 265.1           |
| Hamilton          | 811.0              | 166.0          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 811.0              | 166.0          | 0.0             | 977.0           |
| Lafayette         | 115.1              | 39.9           | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 115.1              | 39.9           | 0.0             | 155.0           |
| Lewy              | 471.5              | 224.4          | 40.8            | 0.0             | 0.0                | 0.0            | 0.0             | 471.5              | 224.4          | 40.8            | 736.8           |
| Madison           | 711.8              | 272.6          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 711.8              | 272.6          | 0.0             | 984.4           |
| Nassau            | 1,005.1            | 240.3          | 0.0             | 0.0             | 37.3               | 334.0          | 0.0             | 1,042.5            | 574.3          | 0.0             | 1,616.8         |
| Putnam            | 746.7              | 240.4          | 0.0             | 0.0             | 134.2              | 83.9           | 0.0             | 880.9              | 324.3          | 0.0             | 1,205.3         |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-12 (Continued)**  
**DAILY VMT, THOUSANDS, FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                |                 | Urban           |                    |                |                 | Total              |                |                | Total Collector | Total    |
|-------------------|--------------------|----------------|-----------------|-----------------|--------------------|----------------|-----------------|--------------------|----------------|----------------|-----------------|----------|
|                   | Principal Arterial | Minor Arterial | Major Collector | Minor Collector | Principal Arterial | Minor Arterial | Total Collector | Principal Arterial | Minor Arterial | Total          |                 |          |
| St. Johns         | 2,027.1            | 386.7          | 0.0             | 0.0             | 469.2              | 649.8          | 0.0             | 2,496.3            | 1,036.5        | 0.0            | 0.0             | 3,532.7  |
| Suwannee          | 673.9              | 394.6          | 0.0             | 0.0             | 0.0                | 68.3           | 0.0             | 673.9              | 462.9          | 0.0            | 0.0             | 1,136.8  |
| Taylor            | 338.8              | 42.2           | 0.0             | 0.0             | 104.6              | 0.0            | 0.0             | 443.4              | 42.2           | 0.0            | 0.0             | 485.6    |
| Union             | 0.0                | 171.2          | 41.6            | 0.0             | 0.0                | 0.0            | 0.0             | 0.0                | 171.2          | 41.6           | 0.0             | 212.9    |
| <b>District 2</b> | <b>13,541.8</b>    | <b>3,775.2</b> | <b>155.8</b>    | <b>0.0</b>      | <b>17,138.5</b>    | <b>4,803.2</b> | <b>96.6</b>     | <b>30,680.3</b>    | <b>8,578.4</b> | <b>252.5</b>   | <b>39,511.1</b> |          |
| Bay               | 582.8              | 0.0            | 0.0             | 42.2            | 1,302.1            | 625.4          | 62.8            | 1,884.9            | 625.4          | 105.0          | 0.0             | 2,615.3  |
| Calhoun           | 121.7              | 113.6          | 52.3            | 0.0             | 0.0                | 0.0            | 0.0             | 121.7              | 113.6          | 52.3           | 0.0             | 287.6    |
| Escambia          | 609.1              | 136.7          | 0.0             | 0.0             | 2,810.2            | 1,301.1        | 80.8            | 3,419.3            | 1,437.9        | 80.8           | 0.0             | 4,938.0  |
| Franklin          | 240.9              | 22.6           | 16.3            | 0.0             | 0.0                | 0.0            | 0.0             | 240.9              | 22.6           | 16.3           | 0.0             | 279.8    |
| Gadsden           | 843.7              | 312.9          | 148.9           | 0.0             | 0.0                | 68.9           | 27.2            | 843.7              | 381.7          | 176.1          | 0.0             | 1,401.6  |
| Gulf              | 112.4              | 136.9          | 16.8            | 0.0             | 0.0                | 0.0            | 0.0             | 112.4              | 136.9          | 16.8           | 0.0             | 266.1    |
| Holmes            | 245.1              | 151.1          | 74.6            | 0.0             | 0.0                | 0.0            | 0.0             | 245.1              | 151.1          | 74.6           | 0.0             | 470.9    |
| Jackson           | 982.0              | 447.4          | 158.5           | 0.0             | 0.0                | 71.6           | 23.6            | 982.0              | 519.0          | 182.0          | 0.0             | 1,683.1  |
| Jefferson         | 633.4              | 73.9           | 17.0            | 0.0             | 0.0                | 0.0            | 0.0             | 633.4              | 73.9           | 17.0           | 0.0             | 724.3    |
| Leon              | 585.9              | 91.2           | 39.4            | 0.0             | 2,199.3            | 742.8          | 5.7             | 2,785.2            | 834.0          | 45.1           | 0.0             | 3,664.3  |
| Liberty           | 90.8               | 29.3           | 27.3            | 0.0             | 0.0                | 0.0            | 0.0             | 90.8               | 29.3           | 27.3           | 0.0             | 147.4    |
| Okaloosa          | 791.5              | 369.8          | 0.0             | 0.0             | 1,713.6            | 505.1          | 250.4           | 2,505.2            | 874.9          | 250.4          | 0.0             | 3,630.5  |
| Santa Rosa        | 857.6              | 354.8          | 0.0             | 0.4             | 683.6              | 618.4          | 6.8             | 1,541.2            | 973.1          | 7.2            | 0.0             | 2,521.5  |
| Wakulla           | 345.3              | 34.5           | 39.5            | 0.0             | 0.0                | 0.0            | 0.0             | 345.3              | 34.5           | 39.5           | 0.0             | 419.3    |
| Walton            | 1,228.4            | 174.4          | 37.7            | 0.0             | 232.2              | 55.8           | 0.0             | 1,460.6            | 230.3          | 37.7           | 0.0             | 1,728.7  |
| Washington        | 459.7              | 204.0          | 0.0             | 0.0             | 0.0                | 0.0            | 0.0             | 459.7              | 204.0          | 0.0            | 0.0             | 663.7    |
| <b>District 3</b> | <b>8,730.2</b>     | <b>2,653.2</b> | <b>628.4</b>    | <b>42.6</b>     | <b>8,941.1</b>     | <b>3,989.1</b> | <b>457.2</b>    | <b>17,671.3</b>    | <b>6,642.4</b> | <b>1,128.2</b> | <b>25,441.9</b> |          |
| Broward           | 847.2              | 0.0            | 0.0             | 0.0             | 20,888.0           | 3,208.9        | 242.2           | 21,735.3           | 3,208.9        | 242.2          | 0.0             | 25,186.3 |
| Indian River      | 1,206.0            | 43.3           | 0.0             | 0.0             | 605.9              | 227.2          | 97.3            | 1,811.9            | 270.6          | 97.3           | 0.0             | 2,179.8  |
| Martin            | 1,996.8            | 51.4           | 0.0             | 0.0             | 1,237.1            | 211.8          | 48.5            | 3,233.8            | 263.2          | 48.5           | 0.0             | 3,545.6  |
| Palm Beach        | 1,297.2            | 59.2           | 20.9            | 0.0             | 12,766.6           | 1,728.3        | 475.1           | 14,063.8           | 1,787.6        | 495.9          | 0.0             | 16,347.3 |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-12 (Continued)**  
**DAILY VMT, THOUSANDS, FLORIDA COUNTIES AND DISTRICTS (2002), BY FUNCTIONAL CLASSIFICATION**

| County            | Rural              |                 |                 | Urban           |                    |                 | Total           |                    |                 | Total Collector | Total            |
|-------------------|--------------------|-----------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|------------------|
|                   | Principal Arterial | Minor Arterial  | Major Collector | Minor Collector | Principal Arterial | Minor Arterial  | Total Collector | Principal Arterial | Minor Arterial  |                 |                  |
| St. Lucie         | 904.3              | 72.2            | 0.0             | 0.0             | 2,397.7            | 255.7           | 29.8            | 3,302.0            | 327.9           | 29.8            | 3,659.7          |
| <b>District 4</b> | <b>6,251.6</b>     | <b>226.2</b>    | <b>20.9</b>     | <b>0.0</b>      | <b>37,895.3</b>    | <b>5,631.9</b>  | <b>892.9</b>    | <b>44,146.8</b>    | <b>5,858.1</b>  | <b>913.8</b>    | <b>50,918.8</b>  |
| Brevard           | 2,907.6            | 225.9           | 0.0             | 0.0             | 5,071.2            | 555.2           | 18.8            | 7,978.8            | 781.2           | 18.8            | 8,778.8          |
| Flagler           | 781.0              | 105.5           | 0.0             | 0.0             | 521.8              | 25.4            | 0.0             | 1,302.8            | 130.9           | 0.0             | 1,433.7          |
| Lake              | 2,128.1            | 523.3           | 0.0             | 0.0             | 1,475.8            | 310.6           | 5.4             | 3,603.9            | 833.9           | 5.4             | 4,443.1          |
| Marion            | 3,286.0            | 453.7           | 5.2             | 0.0             | 1,157.5            | 455.1           | 0.0             | 4,443.4            | 908.8           | 5.2             | 5,357.4          |
| Orange            | 1,856.7            | 103.7           | 0.0             | 0.0             | 12,106.4           | 2,024.6         | 1.5             | 13,963.1           | 2,128.3         | 1.5             | 16,093.0         |
| Osceola           | 1,697.4            | 0.0             | 0.0             | 0.0             | 2,248.5            | 0.0             | 0.0             | 3,945.9            | 0.0             | 0.0             | 3,945.9          |
| Seminole          | 89.2               | 124.4           | 0.0             | 0.0             | 4,324.7            | 164.9           | 0.0             | 4,414.0            | 289.3           | 0.0             | 4,703.2          |
| Sumter            | 1,939.0            | 211.6           | 0.0             | 0.0             | 0.0                | 0.0             | 0.0             | 1,939.0            | 211.6           | 0.0             | 2,150.6          |
| Volusia           | 3,071.0            | 300.7           | 0.0             | 0.0             | 4,348.3            | 347.2           | 0.8             | 7,419.3            | 647.9           | 0.8             | 8,068.0          |
| <b>District 5</b> | <b>17,756.0</b>    | <b>2,048.9</b>  | <b>5.2</b>      | <b>0.0</b>      | <b>31,254.2</b>    | <b>3,883.0</b>  | <b>26.5</b>     | <b>49,010.3</b>    | <b>5,931.9</b>  | <b>31.7</b>     | <b>54,973.8</b>  |
| Dade              | 1,585.3            | 87.4            | 0.0             | 0.0             | 21,812.2           | 4,395.3         | 0.0             | 23,397.5           | 4,482.7         | 0.0             | 27,880.2         |
| Monroe            | 1,376.1            | 0.0             | 0.0             | 0.0             | 893.4              | 24.1            | 0.0             | 2,269.5            | 24.1            | 0.0             | 2,293.7          |
| <b>District 6</b> | <b>2,961.4</b>     | <b>87.4</b>     | <b>0.0</b>      | <b>0.0</b>      | <b>22,705.6</b>    | <b>4,419.5</b>  | <b>0.0</b>      | <b>25,667.0</b>    | <b>4,506.8</b>  | <b>0.0</b>      | <b>30,173.8</b>  |
| Citrus            | 987.5              | 0.0             | 0.0             | 0.0             | 255.3              | 0.0             | 0.0             | 1,242.8            | 0.0             | 0.0             | 1,242.8          |
| Hernando          | 1,147.5            | 69.5            | 0.0             | 0.0             | 562.3              | 23.0            | 0.0             | 1,709.8            | 92.5            | 0.0             | 1,802.3          |
| Hillsborough      | 2,449.8            | 9.1             | 0.0             | 0.0             | 12,787.7           | 960.0           | 18.6            | 15,237.5           | 969.1           | 18.6            | 16,225.2         |
| Pasco             | 2,340.3            | 92.3            | 1.9             | 0.0             | 1,915.4            | 113.4           | 0.0             | 4,255.7            | 205.7           | 1.9             | 4,463.4          |
| Pinellas          | 0.0                | 0.0             | 0.0             | 0.0             | 7,066.2            | 2,000.0         | 25.1            | 7,066.2            | 2,000.0         | 25.1            | 9,091.3          |
| <b>District 7</b> | <b>6,925.0</b>     | <b>171.0</b>    | <b>1.9</b>      | <b>0.0</b>      | <b>22,587.0</b>    | <b>3,096.4</b>  | <b>43.7</b>     | <b>29,512.0</b>    | <b>3,267.4</b>  | <b>45.6</b>     | <b>32,825.0</b>  |
| <b>Statewide</b>  | <b>71,012.8</b>    | <b>10,557.0</b> | <b>1,028.4</b>  | <b>42.6</b>     | <b>152,838.5</b>   | <b>30,010.8</b> | <b>1,804.5</b>  | <b>223,851.3</b>   | <b>40,567.8</b> | <b>2,875.5</b>  | <b>267,294.7</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-13**  
**FLORIDA SYSTEM SUMMARY CENTERLINE MILES (1998-2002)**

| County            | 1998           | 1999           | 2000           | 2001           | 2002           |
|-------------------|----------------|----------------|----------------|----------------|----------------|
| Charlotte         | 97.4           | 97.3           | 97.3           | 97.4           | 97.4           |
| Collier           | 208.7          | 208.7          | 208.7          | 208.7          | 208.7          |
| Desoto            | 81.3           | 82.7           | 82.7           | 82.7           | 83.0           |
| Glades            | 85.8           | 85.8           | 85.8           | 85.8           | 85.8           |
| Hardee            | 91.4           | 91.4           | 91.4           | 91.4           | 91.4           |
| Hendry            | 64.8           | 64.8           | 64.8           | 64.8           | 64.8           |
| Highlands         | 132.5          | 132.5          | 132.5          | 132.5          | 132.5          |
| Lee               | 172.5          | 69.1           | 169.1          | 169.2          | 169.2          |
| Manatee           | 207.9          | 207.9          | 207.9          | 207.9          | 207.9          |
| Okeechobee        | 103.3          | 103.3          | 103.3          | 103.3          | 103.3          |
| Polk              | 447.3          | 445.4          | 461.4          | 463.0          | 463.3          |
| Sarasota          | 159.9          | 159.5          | 159.5          | 159.5          | 159.5          |
| <b>District 1</b> | <b>1,852.5</b> | <b>1,848.3</b> | <b>1,864.3</b> | <b>1,866.6</b> | <b>1,866.6</b> |
| Alachua           | 296.3          | 296.3          | 296.3          | 296.3          | 296.3          |
| Baker             | 83.9           | 83.9           | 83.9           | 83.9           | 83.9           |
| Bradford          | 69.0           | 69.0           | 69.0           | 69.0           | 69.0           |
| Clay              | 107.9          | 107.9          | 107.9          | 109.9          | 109.9          |
| Columbia          | 204.0          | 204.0          | 204.0          | 204.0          | 204.0          |
| Dixie             | 46.3           | 46.3           | 46.3           | 46.3           | 46.3           |
| Duval             | 456.8          | 457.6          | 462.1          | 466.5          | 467.7          |
| Gilchrist         | 60.2           | 60.2           | 60.2           | 60.2           | 60.2           |
| Hamilton          | 90.6           | 90.6           | 90.6           | 90.6           | 90.6           |
| Lafayette         | 62.2           | 62.2           | 62.2           | 62.2           | 62.2           |
| Levy              | 183.6          | 183.6          | 183.6          | 183.6          | 183.5          |
| Madison           | 138.6          | 138.6          | 138.6          | 138.6          | 138.6          |
| Nassau            | 111.2          | 111.5          | 111.4          | 111.4          | 111.4          |
| Putnam            | 140.8          | 140.8          | 140.8          | 140.8          | 140.8          |
| St. Johns         | 186.2          | 186.1          | 186.1          | 186.1          | 186.1          |
| Suwannee          | 128.8          | 128.8          | 128.8          | 128.8          | 128.8          |
| Taylor            | 110.7          | 110.7          | 110.7          | 110.7          | 110.7          |
| Union             | 57.7           | 57.7           | 57.7           | 57.7           | 57.7           |
| <b>District 2</b> | <b>2,535.1</b> | <b>2,536.1</b> | <b>2,540.4</b> | <b>2,546.9</b> | <b>2,548.0</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-13 (Continued)**  
**FLORIDA SYSTEM SUMMARY CENTERLINE MILES (1998-2002)**

| County            | 1998           | 1999           | 2000           | 2001           | 2002           |
|-------------------|----------------|----------------|----------------|----------------|----------------|
| Bay               | 204.4          | 204.4          | 204.4          | 204.5          | 204.2          |
| Calhoun           | 96.2           | 96.2           | 96.2           | 96.2           | 96.2           |
| Escambia          | 262.5          | 259.3          | 262.3          | 262.2          | 263.0          |
| Franklin          | 91.1           | 91.1           | 91.1           | 91.2           | 91.0           |
| Gadsden           | 138.1          | 138.1          | 138.1          | 138.1          | 138.0          |
| Gulf              | 64.5           | 79.0           | 79.0           | 79.0           | 79.0           |
| Holmes            | 104.4          | 104.4          | 104.4          | 104.4          | 104.5          |
| Jackson           | 242.3          | 242.3          | 242.3          | 242.2          | 242.2          |
| Jefferson         | 110.5          | 110.5          | 110.5          | 110.5          | 110.5          |
| Leon              | 195.7          | 196.3          | 197.2          | 197.2          | 197.1          |
| Liberty           | 70.1           | 70.1           | 70.1           | 70.1           | 70.1           |
| Okaloosa          | 204.4          | 204.4          | 204.4          | 204.4          | 204.3          |
| Santa Rosa        | 188.4          | 188.4          | 188.4          | 199.0          | 199.0          |
| Wakulla           | 81.2           | 81.2           | 81.2           | 81.2           | 81.1           |
| Walton            | 203.6          | 203.6          | 203.6          | 203.6          | 203.5          |
| Washington        | 113.0          | 113.0          | 113.0          | 112.9          | 112.9          |
| <b>District 3</b> | <b>2,370.4</b> | <b>2,382.3</b> | <b>2,386.2</b> | <b>2,396.7</b> | <b>2,396.8</b> |
| Broward           | 456.5          | 456.6          | 457.4          | 457.3          | 457.2          |
| Indian River      | 119.5          | 119.4          | 119.4          | 119.4          | 119.4          |
| Martin            | 163.9          | 163.9          | 163.9          | 163.9          | 163.9          |
| Palm Beach        | 480.5          | 483.3          | 483.3          | 482.8          | 482.8          |
| St. Lucie         | 166.4          | 166.2          | 166.2          | 166.4          | 170.7          |
| <b>District 4</b> | <b>1,386.9</b> | <b>1,389.5</b> | <b>1,390.2</b> | <b>1,389.7</b> | <b>1,393.9</b> |
| Brevard           | 332.7          | 332.7          | 333.1          | 333.1          | 333.1          |
| Flagler           | 102.4          | 102.4          | 102.4          | 102.4          | 102.4          |
| Lake              | 224.5          | 224.8          | 224.8          | 224.9          | 224.6          |
| Marion            | 240.2          | 240.0          | 249.3          | 249.3          | 249.3          |
| Orange            | 371.5          | 371.5          | 381.3          | 382.1          | 379.4          |
| Osceola           | 198.8          | 198.2          | 198.2          | 198.5          | 198.3          |
| Seminole          | 113.2          | 113.2          | 113.1          | 114.7          | 120.0          |
| Sumter            | 132.2          | 132.2          | 132.2          | 132.2          | 132.2          |
| Volusia           | 361.4          | 360.5          | 360.5          | 359.7          | 361.0          |
| <b>District 5</b> | <b>2,076.9</b> | <b>2,075.7</b> | <b>2,094.9</b> | <b>2,096.9</b> | <b>2,100.3</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-13 (Continued)**  
**FLORIDA SYSTEM SUMMARY CENTERLINE MILES (1998-2002)**

| County             | 1998            | 1999            | 2000            | 2001            | 2002            |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Dade               | 572.1           | 571.6           | 571.6           | 571.6           | 571.6           |
| Monroe             | 119.3           | 119.3           | 119.3           | 119.3           | 119.3           |
| <b>District 6</b>  | <b>691.4</b>    | <b>690.9</b>    | <b>690.9</b>    | <b>690.9</b>    | <b>690.9</b>    |
| Citrus             | 88.6            | 88.6            | 88.6            | 88.6            | 88.6            |
| Hernando           | 106.8           | 106.8           | 106.8           | 124.6           | 124.5           |
| Hillsborough       | 427.7           | 427.8           | 427.7           | 430.5           | 429.0           |
| Pasco              | 173.7           | 173.7           | 173.7           | 193.4           | 194.9           |
| Pinellas           | 232.8           | 232.3           | 225.7           | 225.7           | 224.2           |
| <b>District 7</b>  | <b>1,029.6</b>  | <b>1,029.2</b>  | <b>1,022.6</b>  | <b>1,062.8</b>  | <b>1,061.3</b>  |
| <b>State Total</b> | <b>11,942.9</b> | <b>11,951.7</b> | <b>11,989.3</b> | <b>12,049.9</b> | <b>12,057.7</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-14**  
**FLORIDA SYSTEM SUMMARY LANE MILES (1998-2002)**

| <b>County</b>     | <b>1998</b>    | <b>1999</b>    | <b>2000</b>    | <b>2001</b>    | <b>2002</b>    |
|-------------------|----------------|----------------|----------------|----------------|----------------|
| Charlotte         | 312.2          | 312.1          | 318.5          | 329.3          | 334.2          |
| Collier           | 620.7          | 620.7          | 624.5          | 639.3          | 639.3          |
| Desoto            | 164.6          | 168.3          | 168.5          | 168.3          | 171.0          |
| Glades            | 227.8          | 227.8          | 227.8          | 229.5          | 229.5          |
| Hardee            | 199.3          | 199.3          | 199.3          | 198.7          | 200.4          |
| Hendry            | 156.1          | 156.1          | 157.9          | 164.6          | 164.6          |
| Highlands         | 362.0          | 362.0          | 378.9          | 385.4          | 385.4          |
| Lee               | 578.4          | 582.5          | 611.5          | 611.3          | 612.0          |
| Manatee           | 669.7          | 674.0          | 683.4          | 686.3          | 686.3          |
| Okeechobee        | 233.7          | 234.0          | 233.8          | 233.8          | 234.3          |
| Polk              | 1,404.5        | 1,422.9        | 1,482.7        | 1,500.6        | 1,504.2        |
| Sarasota          | 588.0          | 590.9          | 628.1          | 628.1          | 628.1          |
| <b>District 1</b> | <b>5,516.9</b> | <b>5,550.6</b> | <b>5,715.0</b> | <b>5,775.2</b> | <b>5,789.4</b> |
| Alachua           | 1,010.1        | 1,013.9        | 1,025.0        | 1,020.8        | 1,024.0        |
| Baker             | 220.4          | 224.0          | 224.0          | 223.4          | 224.0          |
| Bradford          | 178.6          | 178.6          | 178.6          | 178.6          | 178.6          |
| Clay              | 347.3          | 347.3          | 347.2          | 360.3          | 360.2          |
| Columbia          | 608.4          | 618.1          | 618.0          | 616.4          | 616.8          |
| Dixie             | 151.0          | 151.0          | 151.0          | 151.0          | 151.0          |
| Duval             | 1,828.6        | 1,841.5        | 1,868.2        | 1,881.4        | 1,894.9        |
| Gilchrist         | 121.7          | 121.7          | 121.7          | 121.7          | 121.7          |
| Hamilton          | 239.7          | 297.1          | 297.1          | 297.3          | 297.3          |
| Lafayette         | 124.4          | 124.4          | 124.4          | 124.4          | 124.4          |
| Levy              | 468.3          | 468.3          | 468.3          | 477.8          | 485.4          |
| Madison           | 363.9          | 363.5          | 363.5          | 364.8          | 360.6          |
| Nassau            | 323.2          | 323.8          | 324.9          | 326.0          | 326.9          |
| Putnam            | 338.8          | 338.8          | 337.8          | 338.0          | 351.7          |
| St. Johns         | 547.7          | 561.2          | 561.6          | 561.5          | 563.4          |
| Suwannee          | 324.5          | 331.9          | 331.8          | 331.8          | 332.1          |
| Taylor            | 320.5          | 320.2          | 319.5          | 319.5          | 319.5          |
| Union             | 115.4          | 115.4          | 115.4          | 115.4          | 115.4          |
| <b>District 2</b> | <b>7,632.3</b> | <b>7,740.5</b> | <b>7,777.9</b> | <b>7,810.1</b> | <b>7,847.9</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-14 (Continued)**  
**FLORIDA SYSTEM SUMMARY LANE MILES (1998-2002)**

| County            | 1998           | 1999           | 2000           | 2001           | 2002           |
|-------------------|----------------|----------------|----------------|----------------|----------------|
| Bay               | 602.3          | 604.3          | 615.4          | 591.2          | 593.2          |
| Calhoun           | 192.7          | 192.7          | 192.7          | 192.7          | 196.3          |
| Escambia          | 810.1          | 803.3          | 814.1          | 813.7          | 824.3          |
| Franklin          | 182.7          | 182.7          | 182.7          | 182.8          | 182.0          |
| Gadsden           | 413.8          | 413.9          | 413.9          | 413.9          | 433.3          |
| Gulf              | 133.0          | 162.0          | 162.0          | 162.0          | 162.0          |
| Holmes            | 245.0          | 245.0          | 245.0          | 245.0          | 245.4          |
| Jackson           | 631.7          | 634.3          | 634.3          | 634.0          | 636.3          |
| Jefferson         | 330.8          | 330.8          | 330.8          | 330.8          | 330.5          |
| Leon              | 563.9          | 565.1          | 567.3          | 579.5          | 617.0          |
| Liberty           | 142.0          | 142.0          | 142.0          | 142.0          | 143.2          |
| Okaloosa          | 646.3          | 646.3          | 646.6          | 646.1          | 654.4          |
| Santa Rosa        | 509.1          | 509.1          | 509.8          | 531.1          | 539.0          |
| Wakulla           | 162.7          | 162.7          | 162.7          | 162.7          | 162.5          |
| Walton            | 488.7          | 488.7          | 488.7          | 488.8          | 488.4          |
| Washington        | 267.5          | 267.5          | 267.7          | 267.7          | 266.4          |
| <b>District 3</b> | <b>6,322.4</b> | <b>6,350.4</b> | <b>6,375.6</b> | <b>6,384.0</b> | <b>6,474.2</b> |
| Broward           | 2,381.8        | 2,390.9        | 2,393.5        | 2,398.6        | 2,408.4        |
| Indian River      | 377.2          | 377.2          | 377.2          | 376.7          | 376.6          |
| Martin            | 563.3          | 563.3          | 563.1          | 571.3          | 581.6          |
| Palm Beach        | 1,928.0        | 1,952.2        | 1,958.9        | 1,965.1        | 1,997.9        |
| St. Lucie         | 587.9          | 586.7          | 586.6          | 601.6          | 612.9          |
| <b>District 4</b> | <b>5,838.2</b> | <b>5,870.3</b> | <b>5,879.3</b> | <b>5,913.3</b> | <b>5,977.4</b> |
| Brevard           | 1,199.2        | 1,200.4        | 1,204.4        | 1,204.4        | 1,205.3        |
| Flagler           | 293.5          | 298.1          | 298.1          | 298.1          | 298.1          |
| Lake              | 692.3          | 692.8          | 692.8          | 700.1          | 700.0          |
| Marion            | 826.0          | 829.9          | 853.3          | 853.3          | 876.5          |
| Orange            | 1,548.8        | 1,551.6        | 1,597.6        | 1,603.7        | 1,605.7        |
| Osceola           | 637.6          | 639.0          | 639.0          | 653.3          | 652.5          |
| Seminole          | 418.7          | 423.3          | 433.1          | 447.3          | 468.8          |
| Sumter            | 376.5          | 376.5          | 376.2          | 377.7          | 377.2          |
| Volusia           | 1,178.7        | 1,174.2        | 1,183.9        | 1,188.2        | 1,194.4        |
| <b>District 5</b> | <b>7,171.1</b> | <b>7,185.8</b> | <b>7,278.4</b> | <b>7,326.2</b> | <b>7,378.6</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-14 (Continued)**  
**FLORIDA SYSTEM SUMMARY LANE MILES (1998-2002)**

| County             | 1998            | 1999            | 2000            | 2001            | 2002            |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Dade               | 2,561.2         | 2,559.0         | 2,532.0         | 2,535.5         | 2,560.7         |
| Monroe             | 302.6           | 302.6           | 302.6           | 302.8           | 302.8           |
| <b>District 6</b>  | <b>2,863.8</b>  | <b>2,861.6</b>  | <b>2,834.6</b>  | <b>2,838.3</b>  | <b>2,863.5</b>  |
| Citrus             | 266.4           | 266.5           | 266.5           | 265.6           | 265.6           |
| Hernando           | 304.6           | 325.9           | 331.7           | 409.3           | 427.7           |
| Hillsborough       | 1,772.6         | 1,779.3         | 1,774.7         | 1,790.7         | 1,823.6         |
| Pasco              | 523.1           | 543.7           | 556.1           | 634.6           | 654.9           |
| Pinellas           | 1,042.5         | 1,053.1         | 1,048.8         | 1,055.0         | 1,049.8         |
| <b>District 7</b>  | <b>3,909.2</b>  | <b>3,968.5</b>  | <b>3,977.7</b>  | <b>4,155.2</b>  | <b>4,221.3</b>  |
| <b>State Total</b> | <b>39,254.0</b> | <b>39,527.6</b> | <b>39,838.6</b> | <b>40,203.8</b> | <b>40,552.3</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-15**  
**FLORIDA SYSTEM SUMMARY DAILY VEHICLE MILES**  
**TRAVELED, 1998-2002 (in thousands)**

| County            | 1998            | 1999            | 2000            | 2001            | 2002            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Charlotte         | 1,818.0         | 1,886.1         | 1,964.1         | 1,991.3         | 2,087.1         |
| Collier           | 2,540.1         | 2,680.2         | 2,829.8         | 2,916.0         | 3,162.4         |
| Desoto            | 416.4           | 420.0           | 428.1           | 452.8           | 458.1           |
| Glades            | 341.0           | 336.4           | 400.6           | 375.8           | 391.3           |
| Hardee            | 453.6           | 470.6           | 509.3           | 478.0           | 477.7           |
| Hendry            | 545.3           | 545.6           | 608.3           | 603.4           | 596.2           |
| Highlands         | 1,241.9         | 1,237.8         | 1,262.4         | 1,321.0         | 1,378.6         |
| Lee               | 4,432.2         | 4,606.7         | 4,803.5         | 5,011.1         | 5,115.9         |
| Manatee           | 3,786.3         | 3,859.1         | 4,389.1         | 4,471.7         | 4,588.0         |
| Okeechobee        | 807.4           | 819.5           | 837.6           | 832.3           | 874.1           |
| Polk              | 7,840.2         | 7,995.7         | 8,179.3         | 8,483.7         | 8,956.1         |
| Sarasota          | 4,576.5         | 4,747.0         | 4,975.3         | 5,186.9         | 5,365.0         |
| <b>District 1</b> | <b>28,798.8</b> | <b>29,604.7</b> | <b>31,187.3</b> | <b>32,123.9</b> | <b>33,450.4</b> |
| Alachua           | 4,638.5         | 4,618.0         | 4,950.8         | 4,917.4         | 5,149.9         |
| Baker             | 664.0           | 723.0           | 744.8           | 789.6           | 811.1           |
| Bradford          | 626.8           | 643.0           | 626.4           | 655.7           | 662.2           |
| Clay              | 1,652.2         | 1,681.3         | 1,725.7         | 1,794.1         | 1,835.6         |
| Columbia          | 2,153.8         | 2,265.8         | 2,467.5         | 2,515.0         | 2,526.0         |
| Dixie             | 287.7           | 270.0           | 286.0           | 275.9           | 280.6           |
| Duval             | 15,867.1        | 16,194.0        | 16,340.7        | 16,769.7        | 16,937.6        |
| Gilchrist         | 238.0           | 238.8           | 238.4           | 260.9           | 265.1           |
| Hamilton          | 932.5           | 900.5           | 983.7           | 1,099.5         | 977.0           |
| Lafayette         | 133.4           | 145.2           | 148.6           | 148.1           | 155.0           |
| Levy              | 684.0           | 686.1           | 733.9           | 731.1           | 736.8           |
| Madison           | 884.0           | 874.6           | 928.7           | 966.6           | 984.4           |
| Nassau            | 1,548.3         | 1,526.8         | 1,582.4         | 1,586.7         | 1,616.8         |
| Putnam            | 1,120.4         | 1,135.8         | 1,176.1         | 1,154.6         | 1,205.3         |
| St. Johns         | 3,138.5         | 3,312.4         | 3,329.0         | 3,397.1         | 3,532.7         |
| Suwannee          | 993.3           | 1,028.7         | 1,116.9         | 1,138.6         | 1,136.8         |
| Taylor            | 419.1           | 418.4           | 464.7           | 473.2           | 485.6           |
| Union             | 204.8           | 202.5           | 199.5           | 201.2           | 212.9           |
| <b>District 2</b> | <b>36,186.5</b> | <b>36,865.0</b> | <b>38,043.7</b> | <b>38,875.0</b> | <b>39,511.1</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-15 (Continued)**  
**FLORIDA SYSTEM SUMMARY DAILY VEHICLE MILES**  
**TRAVELED, 1998-2002 (in thousands)**

| County            | 1998            | 1999            | 2000            | 2001            | 2002            |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bay               | 2,484.8         | 2,546.9         | 2,593.1         | 2,672.2         | 2,615.3         |
| Calhoun           | 291.1           | 283.0           | 284.8           | 297.9           | 287.6           |
| Escambia          | 4,658.3         | 4,640.5         | 4,888.7         | 4,874.3         | 4,938.0         |
| Franklin          | 248.6           | 250.7           | 258.1           | 257.7           | 279.8           |
| Gadsden           | 1,338.0         | 1,404.4         | 1,409.3         | 1,462.6         | 1,401.6         |
| Gulf              | 256.3           | 258.3           | 239.3           | 259.6           | 266.1           |
| Holmes            | 445.3           | 446.1           | 471.8           | 469.0           | 470.9           |
| Jackson           | 1,540.2         | 1,599.0         | 1,630.0         | 1,637.0         | 1,683.1         |
| Jefferson         | 628.0           | 683.4           | 715.9           | 717.2           | 724.3           |
| Leon              | 3,153.5         | 3,221.3         | 3,414.6         | 3,483.4         | 3,664.3         |
| Liberty           | 133.8           | 139.0           | 143.5           | 143.9           | 147.4           |
| Okaloosa          | 3,351.0         | 3,388.3         | 3,507.9         | 3,578.1         | 3,630.5         |
| Santa Rosa        | 2,180.4         | 2,268.5         | 2,324.9         | 2,448.5         | 2,521.5         |
| Wakulla           | 373.5           | 381.1           | 391.9           | 378.1           | 419.3           |
| Walton            | 1,525.7         | 1,572.2         | 1,713.6         | 1,640.9         | 1,728.6         |
| Washington        | 621.0           | 635.7           | 675.1           | 649.3           | 663.7           |
| <b>District 3</b> | <b>23,229.7</b> | <b>23,718.5</b> | <b>24,662.4</b> | <b>24,969.8</b> | <b>25,441.9</b> |
| Broward           | 22,388.8        | 22,450.1        | 23,472.5        | 24,579.4        | 25,186.3        |
| Indian River      | 2,042.2         | 2,096.6         | 2,166.9         | 2,079.0         | 2,179.8         |
| Martin            | 3,037.7         | 3,013.8         | 3,395.3         | 3,325.5         | 3,545.6         |
| Palm Beach        | 14,781.7        | 15,181.5        | 15,907.9        | 16,151.5        | 16,347.3        |
| St. Lucie         | 3,200.5         | 3,275.1         | 3,284.8         | 3,368.2         | 3,659.7         |
| <b>District 4</b> | <b>45,450.9</b> | <b>46,017.1</b> | <b>48,227.3</b> | <b>49,503.7</b> | <b>50,918.8</b> |
| Brevard           | 8,132.1         | 8,198.6         | 8,331.1         | 8,300.7         | 8,778.8         |
| Flagler           | 1,191.0         | 1,208.8         | 1,261.5         | 1,342.7         | 1,433.7         |
| Lake              | 3,735.8         | 3,739.4         | 3,983.9         | 4,135.1         | 4,443.1         |
| Marion            | 4,631.5         | 4,935.0         | 5,010.7         | 5,033.6         | 5,357.4         |
| Orange            | 14,159.6        | 14,527.5        | 14,661.0        | 15,250.5        | 16,093.0        |
| Osceola           | 3,578.9         | 3,615.4         | 3,643.5         | 3,704.8         | 3,945.9         |
| Seminole          | 4,094.0         | 4,208.5         | 4,286.7         | 4,486.4         | 4,703.2         |
| Sumter            | 1,747.5         | 1,930.7         | 2,029.5         | 1,985.3         | 2,150.6         |
| Volusia           | 7,634.7         | 7,935.1         | 7,941.8         | 7,886.9         | 8,068.0         |
| <b>District 5</b> | <b>48,905.0</b> | <b>50,299.0</b> | <b>51,149.7</b> | <b>52,126.1</b> | <b>54,973.8</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-15 (Continued)**  
**FLORIDA SYSTEM SUMMARY DAILY VEHICLE MILES**  
**TRAVELED, 1998-2002 (in thousands)**

| County             | 1998             | 1999             | 2000             | 2001             | 2002             |
|--------------------|------------------|------------------|------------------|------------------|------------------|
| Dade               | 25,397.0         | 26,414.4         | 26,976.1         | 27,961.1         | 27,880.2         |
| Monroe             | 2,106.4          | 2,344.9          | 2,462.6          | 2,317.9          | 2,293.7          |
| <b>District 6</b>  | <b>27,503.4</b>  | <b>28,759.3</b>  | <b>29,438.7</b>  | <b>30,279.0</b>  | <b>30,173.8</b>  |
| Citrus             | 1,215.2          | 1,217.4          | 1,211.8          | 1,171.6          | 1,242.8          |
| Hernando           | 1,674.0          | 1,701.4          | 1,640.7          | 1,656.9          | 1,802.2          |
| Hillsborough       | 14,634.3         | 14,883.0         | 15,914.2         | 15,215.2         | 16,225.2         |
| Pasco              | 3,805.0          | 4,046.9          | 4,124.1          | 3,987.5          | 4,463.4          |
| Pinellas           | 8,523.6          | 8,578.0          | 8,577.9          | 8,593.5          | 9,091.3          |
| <b>District 7</b>  | <b>29,852.0</b>  | <b>30,426.7</b>  | <b>31,468.7</b>  | <b>30,624.7</b>  | <b>32,825.0</b>  |
| <b>State Total</b> | <b>239,926.2</b> | <b>245,690.3</b> | <b>254,177.8</b> | <b>258,502.1</b> | <b>267,294.7</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-16  
TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |             |              | Urban            |             |              | Total            |              |              |
|-------------------|------------------|-------------|--------------|------------------|-------------|--------------|------------------|--------------|--------------|
|                   | Centerline Miles | Lane Miles  | DVMT (000)   | Centerline Miles | Lane Miles  | DVMT (000)   | Centerline Miles | Lane Miles   | DVMT (000)   |
| Charlotte         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Collier           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Desoto            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Glades            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hardee            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hendry            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Highlands         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Lee               | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Manatee           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Okeechobee        | 7.2              | 28.7        | 162.9        | 0.0              | 0.0         | 0.0          | 7.2              | 28.7         | 162.9        |
| Polk              | 0.0              | 0.0         | 0.0          | 24.4             | 85.7        | 200.2        | 24.2             | 85.7         | 200.2        |
| Sarasota          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| <b>District 1</b> | <b>7.2</b>       | <b>28.7</b> | <b>162.9</b> | <b>24.4</b>      | <b>85.7</b> | <b>200.2</b> | <b>31.6</b>      | <b>114.5</b> | <b>363.1</b> |
| Alachua           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Baker             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Bradford          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Clay              | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Columbia          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Dixie             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Duval             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Gilchrist         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hamilton          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Lafayette         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Levy              | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Madison           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Nassau            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Putnam            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-16 (Continued)**  
**TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |            |             | Urban            |             |             | Total            |             |              |
|-------------------|------------------|------------|-------------|------------------|-------------|-------------|------------------|-------------|--------------|
|                   | Centerline Miles | Lane Miles | DVMT (000)  | Centerline Miles | Lane Miles  | DVMT (000)  | Centerline Miles | Lane Miles  | DVMT (000)   |
| St. Johns         | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Suwannee          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Taylor            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Union             | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| <b>District 2</b> | <b>0.0</b>       | <b>0.0</b> | <b>0.0</b>  | <b>0.0</b>       | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>       | <b>0.0</b>  | <b>0.0</b>   |
| Bay               | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Calhoun           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Escambia          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Franklin          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Gadsden           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Gulf              | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Holmes            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Jackson           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Jefferson         | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Leon              | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Liberty           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Okaloosa          | 4.2              | 9.4        | 64.6        | 2.4              | 6.1         | 35.4        | 6.6              | 15.6        | 100.0        |
| Santa Rosa        | 0.0              | 0.0        | 0.0         | 5.2              | 10.5        | 20.4        | 5.2              | 10.5        | 20.4         |
| Wakulla           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Walton            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Washington        | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| <b>District 3</b> | <b>4.2</b>       | <b>9.4</b> | <b>64.6</b> | <b>7.6</b>       | <b>16.6</b> | <b>55.9</b> | <b>11.8</b>      | <b>26.0</b> | <b>120.5</b> |
| Broward           | 0.0              | 0.0        | 0.0         | 55.5             | 281.8       | 3,498.5     | 55.5             | 281.8       | 3,498.5      |
| Indian River      | 10.3             | 41.1       | 233.3       | 0.0              | 0.0         | 0.0         | 10.3             | 41.1        | 233.3        |
| Martin            | 12.6             | 50.4       | 295.8       | 7.7              | 30.8        | 199.7       | 20.3             | 81.1        | 495.6        |
| Palm Beach        | 3.5              | 14.1       | 158.7       | 41.1             | 175.8       | 1,769.5     | 44.6             | 189.9       | 1,928.2      |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-16 (Continued)**  
**TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |              |                | Urban            |                |                 | Total            |                |                 |
|-------------------|------------------|--------------|----------------|------------------|----------------|-----------------|------------------|----------------|-----------------|
|                   | Centerline Miles | Lane Miles   | DVMT (000)     | Centerline Miles | Lane Miles     | DVMT (000)      | Centerline Miles | Lane Miles     | DVMT (000)      |
| St. Lucie         | 20.0             | 80.1         | 454.8          | 15.1             | 60.3           | 376.6           | 35.1             | 140.4          | 831.5           |
| <b>District 4</b> | <b>46.4</b>      | <b>185.7</b> | <b>1,142.6</b> | <b>119.3</b>     | <b>548.6</b>   | <b>5,844.4</b>  | <b>165.8</b>     | <b>734.4</b>   | <b>6,987.0</b>  |
| Brevard           | 12.3             | 36.0         | 188.9          | 0.2              | 0.6            | 1.0             | 12.5             | 36.6           | 189.9           |
| Flagler           | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Lake              | 23.9             | 95.5         | 907.2          | 0.0              | 0.0            | 0.0             | 23.9             | 95.5           | 907.2           |
| Marion            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Orange            | 41.8             | 168.1        | 1,259.6        | 85.6             | 366.7          | 3,647.0         | 127.4            | 534.8          | 4,906.5         |
| Osceola           | 51.5             | 206.1        | 1,102.2        | 10.2             | 40.7           | 235.8           | 61.7             | 246.8          | 1,338.0         |
| Seminole          | 0.0              | 0.0          | 0.0            | 17.4             | 70.4           | 376.0           | 17.4             | 70.4           | 376.0           |
| Sumter            | 10.7             | 42.7         | 306.2          | 0.0              | 0.0            | 0.0             | 10.7             | 42.7           | 306.2           |
| Volusia           | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| <b>District 5</b> | <b>140.2</b>     | <b>548.5</b> | <b>3,764.1</b> | <b>113.4</b>     | <b>478.4</b>   | <b>4,259.8</b>  | <b>253.6</b>     | <b>1,026.9</b> | <b>8,023.9</b>  |
| Dade              | 10.8             | 54.6         | 687.0          | 46.2             | 246.4          | 3,070.6         | 57.0             | 301.0          | 3,757.7         |
| Monroe            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| <b>District 6</b> | <b>10.8</b>      | <b>54.6</b>  | <b>687.0</b>   | <b>46.2</b>      | <b>246.4</b>   | <b>3,070.6</b>  | <b>57.0</b>      | <b>301.0</b>   | <b>3,757.7</b>  |
| Citrus            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Hernando          | 17.7             | 70.9         | 89.5           | 0.0              | 0.0            | 0.0             | 17.7             | 70.9           | 89.5            |
| Hillsborough      | 1.2              | 4.7          | 19.0           | 32.1             | 131.7          | 1,033.4         | 33.2             | 136.4          | 1,052.4         |
| Pasco             | 19.9             | 79.5         | 236.4          | 0.0              | 0.0            | 0.0             | 19.9             | 79.5           | 236.4           |
| Pinellas          | 0.0              | 0.0          | 0.0            | 8.5              | 28.2           | 124.0           | 8.5              | 28.2           | 124.0           |
| <b>District 7</b> | <b>38.8</b>      | <b>155.1</b> | <b>344.9</b>   | <b>40.6</b>      | <b>159.8</b>   | <b>1,157.4</b>  | <b>79.4</b>      | <b>314.9</b>   | <b>1,502.3</b>  |
| <b>Statewide</b>  | <b>247.6</b>     | <b>982.1</b> | <b>6,166.1</b> | <b>351.5</b>     | <b>1,535.6</b> | <b>14,588.3</b> | <b>599.1</b>     | <b>2,517.7</b> | <b>20,754.4</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-17**  
**MOTOR FUELS: CONSUMPTION**  
**BY USE IN FLORIDA, 1965-2000 (thousands of gallons)**

| Year | Total Quantity Consumed <sup>1</sup> | Non-Highway Use <sup>2</sup> | Highway Use |
|------|--------------------------------------|------------------------------|-------------|
| 1965 | 2,409,617                            | 104,646                      | 2,291,031   |
| 1966 | 2,562,586                            | 120,505                      | 2,428,962   |
| 1967 | 2,711,163                            | 135,851                      | 2,561,698   |
| 1968 | 2,959,259                            | 138,496                      | 2,803,754   |
| 1969 | 3,215,457                            | 129,949                      | 3,069,173   |
| 1970 | 3,484,439                            | 153,969                      | 3,312,830   |
| 1971 | 3,771,337                            | 146,210                      | 3,585,727   |
| 1972 | 4,215,995                            | 124,098                      | 4,045,322   |
| 1973 | 4,695,983                            | 126,054                      | 4,494,951   |
| 1974 | 4,510,456                            | 123,058                      | 4,342,185   |
| 1975 | 4,639,217                            | 135,547                      | 4,456,610   |
| 1976 | 4,827,840                            | 136,774                      | 4,650,302   |
| 1977 | 5,023,007                            | 131,635                      | 4,846,201   |
| 1978 | 5,337,604                            | 139,114                      | 5,152,263   |
| 1979 | 5,374,535                            | 142,358                      | 5,171,693   |
| 1980 | 5,293,548                            | 164,430                      | 5,116,312   |
| 1981 | 5,390,545                            | 137,165                      | 5,240,229   |
| 1982 | 5,469,775                            | 139,779                      | 5,317,892   |
| 1983 | 5,723,316                            | 163,810                      | 5,548,590   |
| 1984 | 5,934,391                            | 181,767                      | 5,740,587   |
| 1985 | 6,110,435                            | 254,402                      | 5,843,396   |
| 1986 | 6,394,295                            | 263,337                      | 6,116,961   |
| 1987 | 6,700,629                            | 275,337                      | 6,387,472   |
| 1988 | 6,863,376                            | 281,739                      | 6,530,151   |
| 1989 | 7,034,489                            | 292,036                      | 6,680,708   |
| 1990 | 7,043,054                            | 306,520                      | 6,674,542   |
| 1991 | 6,930,325                            | 319,863                      | 6,549,254   |
| 1992 | 7,163,374                            | 264,516                      | 6,827,210   |
| 1993 | 7,431,207                            | 169,860                      | 7,187,669   |
| 1994 | 7,487,188                            | 178,304                      | 7,308,884   |
| 1995 | 7,680,638                            | 206,176                      | 7,474,462   |
| 1996 | 7,800,062                            | 201,216                      | 7,598,846   |
| 1997 | 8,019,637                            | 206,247                      | 7,813,390   |
| 1998 | 8,371,333                            | 241,386                      | 8,129,947   |
| 1999 | 8,675,760                            | 218,669                      | 8,457,091   |
| 2000 | 7,593,619                            | 225,147                      | 7,368,472   |

<sup>1</sup> Includes losses allowed for evaporation and handling.

<sup>2</sup> Gasoline including gasohol.

Note: Includes gasoline and all other fuels (except under non-highway use) under state motor fuel laws.

Source: *Florida Statistical Abstract 2002* (Bureau of Economic and Business Research, College of Business Administration, University of Florida, 2002), Table 15.60.



**Table 3-18**  
**MOTOR-FUEL USE, 2000 (thousands of gallons) (1)**

| State         | Private and Commercial Use (Gasoline) |                        |            | Public Use (Gasoline)               |                              |             |           |            | Summary of Total Use |                        |         |            | Losses Allowed for Evaporation Handling, etc. (Gasoline) (2) | Total Quantity Consumed |
|---------------|---------------------------------------|------------------------|------------|-------------------------------------|------------------------------|-------------|-----------|------------|----------------------|------------------------|---------|------------|--------------------------------------------------------------|-------------------------|
|               | Highway                               | Non-Highway (Gasoline) | Total      | Federal (Highway Civilian Use Only) | State, County, and Municipal |             | Total Use | Highway    |                      | Non-Highway (Gasoline) | Total   |            |                                                              |                         |
|               |                                       |                        |            |                                     | Highway                      | Non-Highway |           | Amount     | Change 2000/1999 (%) |                        |         |            |                                                              |                         |
| Alabama       | 2,344,383                             | 69,603                 | 2,413,986  | 3,000                               | 35,124                       | 1,831       | 36,955    | 2,453,941  | 3,065,903            | -0.70                  | 71,434  | 3,137,337  | 4,299                                                        | 2,458,240               |
| Alaska        | 226,799                               | 47,750                 | 274,549    | 1,710                               | 6,891                        | 359         | 7,250     | 283,509    | 347,337              | 3.20                   | 48,109  | 395,446    | 0                                                            | 283,509                 |
| Arizona       | 2,390,291                             | 62,908                 | 2,453,199  | 5,530                               | 32,609                       | 1,700       | 34,309    | 2,493,038  | 3,107,332            | 3.80                   | 64,608  | 3,171,940  | 0                                                            | 2,493,038               |
| Arkansas      | 1,331,914                             | 60,991                 | 1,392,905  | 1,685                               | 24,575                       | 1,281       | 25856     | 1,420,446  | 1,940,208            | -1.00                  | 62,272  | 2,002,480  | 14,372                                                       | 1,434,818               |
| California    | 14,469,008                            | 264,703                | 14,733,711 | 26,156                              | 196,589                      | 10,249      | 206,838   | 14,966,705 | 17,339,623           | 1.90                   | 274,952 | 17,614,575 | 0                                                            | 14,966,705              |
| Colorado      | 2,011,094                             | 70,229                 | 2,081,323  | 4,716                               | 32,854                       | 1,713       | 34,567    | 2,120,606  | 2,561,631            | 4.50                   | 71,942  | 2,633,573  | 16,637                                                       | 2,137,243               |
| Connecticut   | 1,436,555                             | 48,755                 | 1,485,310  | 2,348                               | 19,376                       | 1,010       | 20,386    | 1,508,044  | 1,731,457            | 2.00                   | 49,765  | 1,781,222  | -11,575                                                      | 1,496,469               |
| Delaware      | 376,410                               | 15,546                 | 391,956    | 477                                 | 5,156                        | 269         | 5,425     | 397,858    | 438,855              | 2.20                   | 15,815  | 454,670    | -21                                                          | 397,837                 |
| Dist. of Col. | 137,948                               | 16,132                 | 154,080    | 3,188                               | 7,633                        | 284         | 7,917     | 165,185    | 176,251              | -8.40                  | 16,416  | 192,667    | -2                                                           | 165,183                 |
| Florida       | 7,363,544                             | 234,006                | 7,597,550  | 9,053                               | 98,520                       | 4,589       | 103,109   | 7,709,712  | 8,760,975            | 1.20                   | 3       | 8,999,570  | 0                                                            | 7,709,712               |
| Georgia       | 4,634,055                             | 127,598                | 4,761,653  | 4,502                               | 55,146                       | 2,875       | 58,021    | 4,824,176  | 6,110,377            | 1.30                   | 130,473 | 6,240,850  | 10,880                                                       | 4,835,056               |
| Hawaii        | 394,274                               | 9,419                  | 403,693    | 1,032                               | 9,378                        | 489         | 9,867     | 414,592    | 437,759              | 4.70                   | 9,908   | 447,667    | 4,177                                                        | 418,769                 |
| Idaho         | 593,920                               | 34,008                 | 627,928    | 2,627                               | 12,504                       | 652         | 13,156    | 643,711    | 828,146              | -2.30                  | 34,660  | 862,806    | 6,502                                                        | 650,213                 |
| Illinois      | 4,921,607                             | 127,007                | 5,048,614  | 6,429                               | 87,181                       | 4,545       | 88,696    | 5,146,769  | 6,263,207            | -2.50                  | 131,552 | 6,394,759  | -18,423                                                      | 5,128,346               |
| Indiana       | 3,071,149                             | 71,691                 | 3,142,840  | 2,664                               | 47,172                       | 2,459       | 49,631    | 3,195,135  | 4,101,552            | -2.30                  | 74,150  | 4,175,702  | 32,274                                                       | 3,227,409               |
| Iowa          | 1,444,893                             | 86,147                 | 1,531,040  | 1,781                               | 29,138                       | 1,519       | 30,657    | 1,563,478  | 1,973,111            | -1.00                  | 87,666  | 2,060,777  | 10                                                           | 1,563,488               |
| Kansas        | 1,208,307                             | 57,624                 | 1,265,931  | 1,778                               | 28,866                       | 1,401       | 30,267    | 1,295,976  | 1,605,016            | -4.30                  | 59,025  | 1,664,041  | 13,149                                                       | 1,309,125               |
| Kentucky      | 2,048,815                             | 93,169                 | 2,141,984  | 2,849                               | 33,965                       | 1,771       | 35,736    | 2,180,569  | 2,900,113            | 1.70                   | 94,940  | 2,995,053  | 0                                                            | 2,180,569               |

Source: U.S. Department of Transportation, Federal Highway Administration, 2001 Highway Statistics (November 2002).



**Table 3-18 (Continued)**  
**MOTOR-FUEL USE, 2000 (thousands of gallons) (1)**

| State          | Private and Commercial Use (Gasoline) |                        |           | Public Use (Gasoline)               |                              |                      |           |           | Summary of Total Use |        |                        |           |        | Losses Allowed for Evaporation Handling, etc. (Gasoline) (2) | Total Quantity Consumed |
|----------------|---------------------------------------|------------------------|-----------|-------------------------------------|------------------------------|----------------------|-----------|-----------|----------------------|--------|------------------------|-----------|--------|--------------------------------------------------------------|-------------------------|
|                |                                       |                        |           | Federal (Highway Civilian Use Only) | State, County, and Municipal |                      | Total Use | Highway   |                      |        | Non-Highway (Gasoline) | Total     |        |                                                              |                         |
|                | Highway                               | Non-Highway            | Total     |                                     | Amount                       | Change 2000/1999 (%) |           |           |                      |        |                        |           |        |                                                              |                         |
|                | Highway                               | Non-Highway (Gasoline) | Total     |                                     |                              |                      |           |           |                      |        |                        |           |        |                                                              |                         |
| Louisiana      | 2,114,286                             | 131,424                | 2,245,710 | 2,920                               | 34,231                       | 1,785                | 36,016    | 2,284,646 | 2,753,638            | 0.40   | 133,209                | 2,886,847 | 4,231  | 2,288,877                                                    |                         |
| Maine          | 579,729                               | 18,876                 | 598,605   | 748                                 | 9,616                        | 501                  | 10,117    | 609,470   | 748,069              | -12.40 | 19,377                 | 767,446   | 2,165  | 611,635                                                      |                         |
| Maryland       | 2,429,247                             | 58,744                 | 2,487,991 | 4,521                               | 26,777                       | 1,396                | 28,173    | 2,520,685 | 2,962,366            | 2.50   | 60,140                 | 3,022,506 | 8,945  | 2,529,630                                                    |                         |
| Massachusetts  | 2,681,769                             | 55,818                 | 2,737,587 | 4,365                               | 34,376                       | 1,792                | 36,168    | 2,778,120 | 3,122,017            | 0.00   | 57,610                 | 3,179,627 | 28,057 | 2,806,177                                                    |                         |
| Michigan       | 4,835,032                             | 166,782                | 5,001,814 | 5,154                               | 64,503                       | 3,363                | 67,866    | 5,074,834 | 5,809,385            | -0.20  | 170,145                | 5,975,530 | 128    | 5,074,962                                                    |                         |
| Minnesota      | 2,500,044                             | 98,643                 | 2,598,687 | 3,111                               | 42,375                       | 2,209                | 44,584    | 2,646,382 | 3,177,893            | 0.90   | 100,852                | 3,278,745 | 26,731 | 2,673,113                                                    |                         |
| Mississippi    | 1,448,804                             | 76,006                 | 1,524,810 | 2,248                               | 25,425                       | 1,326                | 26,751    | 1,553,809 | 1,982,157            | -2.60  | 77,332                 | 2,059,489 | 0      | 1,553,809                                                    |                         |
| Missouri       | 2,910,247                             | 123,828                | 3,034,075 | 3,571                               | 45,062                       | 2,349                | 47,411    | 3,085,057 | 3,874,035            | -2.60  | 126,177                | 400,212   | 30,080 | 3,115,137                                                    |                         |
| Montana        | 455,033                               | 31,523                 | 486,556   | 2,590                               | 9,944                        | 518                  | 10,462    | 4,599,608 | 665,799              | 0.90   | 32,041                 | 697,840   | 0      | 499,608                                                      |                         |
| Nebraska       | 792,892                               | 56,774                 | 849,666   | 1,720                               | 17,635                       | 919                  | 18,554    | 869,940   | 1,179,086            | -1.20  | 57,693                 | 1,236,779 | 0      | 869,940                                                      |                         |
| Nevada         | 929,409                               | 29,169                 | 958,578   | 3,471                               | 12,763                       | 665                  | 13,428    | 975,477   | 1,214,220            | 0.80   | 29,834                 | 1,244,054 | 0      | 95,477                                                       |                         |
| New Hampshire  | 652,610                               | 23,732                 | 676,342   | 762                                 | 9,103                        | 475                  | 9,578     | 686,682   | 762,590              | 0.40   | 24,207                 | 786,797   | 3,977  | 690,659                                                      |                         |
| New Jersey     | 3,857,558                             | 84,561                 | 3,942,119 | 5,528                               | 48,751                       | 2,542                | 51,293    | 3,998,940 | 4,747,161            | 0.00   | 87,103                 | 4,834,264 | 0      | 3,998,940                                                    |                         |
| New Mexico     | 866,046                               | 36,489                 | 902,535   | 3,906                               | 15,877                       | 828                  | 16,705    | 923,146   | 1,290,603            | -2.20  | 37,317                 | 1,327,920 | 0      | 923,146                                                      |                         |
| New York       | 5,423,415                             | 146,574                | 5,569,989 | 12,091                              | 101,106                      | 5,271                | 106,377   | 5,688,457 | 6,499,688            | -0.90  | 151,845                | 6,651,533 | -9,447 | 5,679,010                                                    |                         |
| North Carolina | 3,966,635                             | 134,289                | 4,100,924 | 3,241                               | 90,716                       | 2,779                | 93,495    | 4,197,660 | 5,019,436            | 0.30   | 137,068                | 5,156,504 | 42,437 | 4,240,097                                                    |                         |
| North Dakota   | 325,290                               | 29,253                 | 354,543   | 1,184                               | 8,070                        | 421                  | 8,491     | 364,218   | 485,438              | 0.40   | 29,674                 | 515,112   | 723    | 364,941                                                      |                         |
| Ohio           | 4,943,731                             | 129,898                | 5,073,629 | 5,445                               | 79,100                       | 4,124                | 83,224    | 5,162,298 | 6,503,895            | -0.80  | 134,022                | 6,637,917 | 52,345 | 5,214,643                                                    |                         |
| Oklahoma       | 1,717,233                             | 76,975                 | 1,794,208 | 2,962                               | 31,506                       | 1,643                | 33,149    | 1,830,319 | 2,699,516            | 8.90   | 78,618                 | 2,778,134 | 0      | 1,830,319                                                    |                         |
| Oregon         | 1,457,698                             | 57,698                 | 1,515,396 | 4,592                               | 24,979                       | 1,302                | 26,281    | 1,546,269 | 1,903,515            | -0.80  | 59,000                 | 1,962,515 | 0      | 1,546,269                                                    |                         |

Source: U.S. Department of Transportation, Federal Highway Administration, 2001 Highway Statistics (November 2002).



**Table 3-18 (Continued)**  
**MOTOR-FUEL USE, 2000 (thousands of gallons) (1)**

| State          | Private and Commercial Use (Gasoline) |                        |             | Public Use (Gasoline)               |                              |                      |           |             | Summary of Total Use |                        |           |             | Losses Allowed for Evaporation Handling, etc. (Gasoline) (2) | Total Quantity Consumed |
|----------------|---------------------------------------|------------------------|-------------|-------------------------------------|------------------------------|----------------------|-----------|-------------|----------------------|------------------------|-----------|-------------|--------------------------------------------------------------|-------------------------|
|                |                                       |                        |             | Federal (Highway Civilian Use Only) | State, County, and Municipal |                      | Total Use | Highway     |                      | Non-Highway (Gasoline) | Total     |             |                                                              |                         |
|                | Highway                               | Non-Highway (Gasoline) | Total       |                                     | Amount                       | Change 2000/1999 (%) |           |             |                      |                        |           |             |                                                              |                         |
| Pennsylvania   | 49,448                                | 90,479                 | 5,035,349   | 8,007                               | 71,794                       | 3,743                | 75,537    | 51,189      | 6,411,437            | 1.40                   | 94,222    | 6,505,659   | 25,613                                                       | 5,144,506               |
| Rhode Island   | 39,050                                | 9,382                  | 399,889     | 595                                 | 8,011                        | 418                  | 8,429     | 408,913     | 454,204              | 1.20                   | 9,800     | 464,004     | 597                                                          | 409,510                 |
| South Carolina | 2,187,073                             | 69,480                 | 2,256,553   | 2,892                               | 27,176                       | 1,417                | 28,593    | 2,288,038   | 2,837,893            | 0.20                   | 70,897    | 290,790     | 0                                                            | 2,288,038               |
| South Dakota   | 391,598                               | 32,419                 | 424,017     | 1,537                               | 9,337                        | 487                  | 9,824     | 435,378     | 552,143              | -1.90                  | 32,906    | 585,049     | 4,397                                                        | 439,775                 |
| Tennessee      | 2,789,013                             | 66,026                 | 2,855,039   | 5,785                               | 42,769                       | 2,230                | 44,999    | 2,905,823   | 3,706,107            | -1.40                  | 68,256    | 3,774,363   | 29,532                                                       | 2,935,175               |
| Texas          | 10,480,741                            | 267,950                | 10,748,691  | 13,202                              | 143,545                      | 7,484                | 151,029   | 10,912,922  | 13,527,751           | -0.60                  | 275,434   | 13,903,185  | 68                                                           | 10,912,990              |
| Utah           | 924,334                               | 33,262                 | 957,596     | 2,383                               | 18,814                       | 981                  | 19,795    | 979,774     | 1,283,429            | -1.00                  | 34,243    | 1,317,672   | 9,933                                                        | 989,707                 |
| Vermont        | 325,312                               | 11,201                 | 336,513     | 370                                 | 5,501                        | 287                  | 5,788     | 342,671     | 401,558              | -0.50                  | 11,488    | 413,046     | 21                                                           | 342,692                 |
| Virginia       | 3,711,081                             | 93,728                 | 3,804,809   | 5,269                               | 49,368                       | 2,574                | 51,942    | 3,862,020   | 4,705,226            | 4.60                   | 96,302    | 4,801,528   | 36                                                           | 3,682,056               |
| Washington     | 2,579,887                             | 77,920                 | 2,657,807   | 6,923                               | 35,823                       | 1,868                | 37,691    | 2,702,421   | 3,167,766            | -0.50                  | 79,788    | 3,247,554   | 8,185                                                        | 2,710,606               |
| West Virginia  | 801,200                               | 19,274                 | 820,474     | 1,328                               | 15,988                       | 834                  | 16,822    | 838,624     | 1,090,138            | 0.80                   | 20,108    | 1,110,246   | 1,610                                                        | 840,234                 |
| Wisconsin      | 2,372,637                             | 90,116                 | 2,462,753   | 2,589                               | 43,063                       | 2,245                | 45,308    | 2,510,650   | 3,089,479            | 0.90                   | 92,361    | 3,181,840   | 25,360                                                       | 2,536,010               |
| Wyoming        | 314,121                               | 32,458                 | 346,579     | 1,435                               | 6,291                        | 328                  | 6,619     | 354,633     | 630,400              | -3.90                  | 32,786    | 663,186     | 2,214                                                        | 356,847                 |
| Total          | 127,504,948                           | 3,958,037              | 131,462,985 | 207,970                             | 1,970,072                    | 100,100              | 2,070,172 | 133,740,227 | 163,046,891          | 0.30                   | 4,058,137 | 167,105,028 | 370,037                                                      | 134,110,264             |

Source: U.S. Department of Transportation, Federal Highway Administration, 2001 Highway Statistics (November 2002).

(1) This table is one of a series giving an analysis of motor-fuel consumption, based on reports from State motor-fuel tax agencies. Gasohol is included with gasoline. In order to make the data uniform and complete, public use and non-highway use were estimated by the Federal Highway Administration. These estimates may not be comparable to data for prior years due to revised estimation procedures. The resulting volumes differ in many cases from the unadjusted data reported in table MF-2. For some States, data are not comparable to prior years due to changes in data analysis and/or improvements in reporting procedures. All data are subject to review and revision.

(2) Some States make a flat percentage allowance for losses in storage and handling, and others allow for actual losses not to exceed a specified percentage. Still others permit distributors to claim stock losses in reconciliations of inventories, thus exempting the lost volume from taxation. Losses by destruction, where reported separately, are also included in this column. The maximum allowance used in the analysis to cover losses in storage and handling was one percent. Because of accounting methods, losses can be reported as a net gain.



**Table 3-19**  
**MOTOR VEHICLE REGISTRATIONS:**  
**NUMBER BY TYPE OF VEHICLE IN FLORIDA, 1983-2000 (in thousands)**

| Year | All Motor Vehicles <sup>1</sup> | Automobiles <sup>2</sup> | Buses | Trucks <sup>2</sup> | Motorcycles |
|------|---------------------------------|--------------------------|-------|---------------------|-------------|
| 1983 | 9,041.0                         | 7,113.9                  | 33.3  | 1,661.3             | 232.5       |
| 1984 | 9,635.1                         | 7,552.4                  | 34.4  | 1,807.4             | 240.9       |
| 1985 | 10,096.8                        | 7,849.1                  | 35.8  | 1,979.9             | 232.0       |
| 1986 | 10,591.2                        | 8,263.3                  | 34.2  | 2,064.0             | 229.7       |
| 1987 | 10,903.1                        | 8,521.6                  | 34.8  | 2,127.1             | 219.5       |
| 1988 | 11,183.1                        | 8,713.2                  | 35.5  | 2,234.9             | 199.5       |
| 1989 | 11,410.8                        | 8,972.7                  | 36.2  | 2,197.9             | 203.9       |
| 1990 | 11,155.6                        | 8,694.9                  | 36.8  | 2,218.1             | 205.8       |
| 1991 | 10,176.1                        | 7,910.3                  | 37.5  | 2,032.3             | 196.0       |
| 1992 | 10,426.1                        | 8,131.4                  | 38.1  | 2,062.8             | 193.7       |
| 1993 | 10,358.4                        | 8,072.5                  | 38.8  | 2,058.3             | 188.8       |
| 1994 | 10,429.2                        | 7,519.2                  | 39.6  | 2,693.0             | 177.4       |
| 1995 | 10,599.5                        | 7,594.9                  | 40.3  | 2,734.3             | 190.1       |
| 1996 | 11,091.9                        | 7,285.6                  | 41.2  | 3,561.9             | 203.3       |
| 1997 | 11,083.5                        | 7,374.8                  | 42.1  | 3,457.1             | 209.5       |
| 1998 | 11,498.4                        | 7,437.6                  | 43.1  | 3,795.7             | 222.0       |
| 1999 | 11,625.4                        | 7,304.0                  | 44.0  | 4,041.0             | 235.7       |
| 2000 | 11,781.0                        | 7,352.7                  | 45.0  | 4,383.3             | 255.2       |

<sup>1</sup> Includes motorcycles.

<sup>2</sup> Beginning in 1994, personal passenger vans, passenger minivans, and utility type vehicles were classified by the source as trucks rather than automobiles. Therefore, caution should be used when making comparisons to earlier years.

Note: Excludes vehicles owned by the military service.

Source: *Florida Statistical Abstract 2002* (Bureau of Economic and Business Research, College of Business Administration, University of Florida, 2002), Table 13.30.



Table 3-20  
STATE MOTOR-VEHICLE REGISTRATIONS (1)

| State         | Motor Vehicles                              |                    |            |                            |                    |        |                        |                    |            |                        | Comparison of Total Motor-Vehicle Registrations |            |            |
|---------------|---------------------------------------------|--------------------|------------|----------------------------|--------------------|--------|------------------------|--------------------|------------|------------------------|-------------------------------------------------|------------|------------|
|               | Automobiles                                 |                    |            | Buses                      |                    |        | Trucks                 |                    |            | All Motor Vehicles     |                                                 |            | Change (%) |
|               | Private and Commercial (including taxicabs) | Publicly Owned (2) | Total      | Private and Commercial (3) | Publicly Owned (2) | Total  | Private and Commercial | Publicly Owned (2) | Total      | Private and Commercial | Publicly Owned (2)                              | Total      |            |
| Alabama       | 1,749,267                                   | 15,821             | 1,765,088  | 2,465                      | 6,361              | 8,826  | 2,434,282              | 26,893             | 2,461,175  | 4,186,014              | 49,075                                          | 4,235,089  | 7          |
| Alaska        | 239,780                                     | 2,513              | 242,293    | 2,132                      | 436                | 2,568  | 342,937                | 9,936              | 352,873    | 584,849                | 12,885                                          | 597,734    | 1          |
| Arizona       | 2,247,073                                   | 16,897             | 2,263,970  | 1,399                      | 3,326              | 4,725  | 1,679,263              | 19,159             | 1,698,422  | 3,927,735              | 39,382                                          | 3,967,117  | 5          |
| Arkansas      | 963,912                                     | 9,619              | 973,531    | 1,470                      | 5,466              | 6,936  | 871,859                | 11,472             | 883,331    | 1,837,241              | 26,557                                          | 1,863,798  | 1          |
| California    | 17,726,983                                  | 191,777            | 17,918,760 | 32,314                     | 16,727             | 49,041 | 10,531,853             | 280,402            | 10,812,255 | 28,291,150             | 488,906                                         | 28,780,056 | 4          |
| Colorado      | 2,357,409                                   | 10,156             | 2,367,565  | 1,807                      | 4,068              | 5,875  | 2,248,782              | 26,598             | 2,275,380  | 4,607,998              | 40,822                                          | 4,648,820  | 28         |
| Connecticut   | 2,039,677                                   | 11,463             | 2,051,140  | 9,349                      | 848                | 10,197 | 828,221                | 27,310             | 855,531    | 2,877,247              | 39,621                                          | 2,916,868  | 2          |
| Delaware      | 402,188                                     | 8,276              | 410,464    | 1,471                      | 591                | 2,062  | 237,653                | 2,906              | 240,559    | 641,312                | 11,773                                          | 653,085    | 4          |
| Dist. of Col. | 199,363                                     | 4,330              | 203,693    | 2,265                      | 404                | 2,669  | 35,734                 | 6,766              | 42,500     | 237,362                | 11,500                                          | 248,862    | 3          |
| Florida       | 8,835,134                                   | 102,429            | 8,937,563  | 5,852                      | 39,769             | 45,621 | 5,206,271              | 150,647            | 5,356,918  | 14,047,257             | 292,845                                         | 14,340,102 | 22         |
| Georgia       | 4,058,873                                   | 25,873             | 4,084,746  | 4,197                      | 14,341             | 18,538 | 3,135,791              | 65,710             | 3,201,501  | 7,198,861              | 105,924                                         | 7,304,785  | 3          |
| Hawaii        | 521,396                                     | 7,226              | 528,622    | 3,473                      | 1,167              | 4,640  | 326,897                | 7,914              | 334,811    | 851,766                | 16,307                                          | 868,073    | 18         |
| Idaho         | 572,048                                     | 5,714              | 577,762    | 1,283                      | 2,427              | 3,710  | 725,418                | 16,958             | 742,376    | 1,298,749              | 25,099                                          | 1,323,848  | 12         |
| Illinois      | 6,355,650                                   | 68,951             | 6,424,601  | 17,252                     | 735                | 17,987 | 3,403,474              | 15,428             | 3,418,902  | 9,776,376              | 85,114                                          | 9,861,490  | 10         |
| Indiana       | 3,205,966                                   | 23,393             | 3,229,359  | 8,690                      | 19,430             | 28,120 | 2,325,326              | 42,226             | 2,367,552  | 5,539,982              | 85,049                                          | 5,625,031  | 1          |
| Iowa          | 1,859,770                                   | 10,687             | 1,870,457  | 1,512                      | 6,804              | 8,316  | 1,408,356              | 31,180             | 1,439,536  | 3,269,638              | 48,671                                          | 3,318,309  | 7          |
| Kansas        | 834,427                                     | 7,885              | 842,312    | 1,411                      | 2,469              | 3,880  | 1,465,223              | 19,286             | 1,484,509  | 2,301,061              | 29,640                                          | 2,330,701  | 2          |
| Kentucky      | 2,098,690                                   | 24,185             | 2,122,875  | 1,631                      | 11,716             | 13,347 | 1,480,989              | 8,489              | 1,489,478  | 3,581,310              | 44,390                                          | 3,625,700  | 28         |
| Louisiana     | 1,953,186                                   | 41,217             | 1,994,403  | 14,932                     | 5,883              | 20,815 | 1,569,722              | 23,619             | 1,593,341  | 3,537,840              | 70,719                                          | 3,608,559  | 1          |
| Maine         | 613,012                                     | 4,769              | 617,781    | 592                        | 2,244              | 2,836  | 385,872                | 11,050             | 396,922    | 999,476                | 18,063                                          | 1,017,539  | -1         |
| Maryland      | 2,582,361                                   | 13,531             | 2,595,892  | 6,970                      | 4,953              | 11,923 | 1,307,622              | 23,411             | 1,331,033  | 3,896,953              | 41,895                                          | 3,938,848  | 2          |
| Massachusetts | 3,513,020                                   | 17,935             | 3,530,955  | 11,111                     | 562                | 11,673 | 1,616,401              | 39,192             | 1,655,593  | 5,140,532              | 57,689                                          | 5,198,221  | -1         |
| Michigan      | 4,855,591                                   | 47,604             | 4,903,195  | 10,571                     | 15,489             | 26,060 | 3,446,848              | 77,548             | 3,524,396  | 8,313,010              | 140,641                                         | 8,453,651  | 0          |
| Minnesota     | 2,554,530                                   | 10,410             | 2,564,940  | 7,294                      | 8,103              | 15,397 | 1,949,541              | 24,308             | 1,973,849  | 4,511,365              | 42,821                                          | 4,554,186  | -2         |
| Mississippi   | 1,136,949                                   | 10,291             | 1,147,240  | 3,506                      | 5,728              | 9,224  | 780,334                | 16,965             | 797,299    | 1,920,789              | 32,984                                          | 1,953,773  | -15        |
| Missouri      | 2,483,413                                   | 7,308              | 2,490,721  | 4,346                      | 8,078              | 12,424 | 1,687,809              | 16,884             | 1,704,693  | 4,175,568              | 32,270                                          | 4,207,838  | -8         |
| Montana       | 454,459                                     | 5,565              | 460,024    | 1,112                      | 1,702              | 2,814  | 552,478                | 17,768             | 570,246    | 1,008,049              | 25,035                                          | 1,033,084  | 1          |
| Nebraska      | 821,066                                     | 12,913             | 833,979    | 1,212                      | 4,997              | 6,209  | 773,338                | 19,924             | 793,262    | 1,595,616              | 37,834                                          | 1,633,450  | 1          |

(1) For additional details of publicly owned vehicles and of trucks, buses, and trailers registered, see Tables MV-7, 9, 10, 11, respectively. Excludes 8,001 Diplomatic Corps vehicles issued license plates by the United States Department of State.  
 (2) Where the registration year is not more than one month removed from the calendar year, registration-year data are given. Where the registration year is more than one month removed, registrations are given for the calendar year.  
 (3) Includes Federal, State, county, and municipal vehicles. Vehicles owned by the military services are not included.  
 (4) The numbers of private and commercial buses given here are estimates by the Federal Highway Administration of the numbers in operation, rather than the registration counts of the States.  
 (5) The following farm trucks, registered at a nominal fee and restricted to use in the vicinity of the owner's farm, are not included in this table: Connecticut, 7,863; New Hampshire, 3,497; New Jersey, 6,186; New York, 26,005; Pennsylvania, 22,088; and Rhode Island, 994.  
 (6) The State reported motor-vehicle registration data for 1993 do not include transfer tags or registrations.

Source: U.S. Department of Transportation, Federal Highway Administration, 2001 Highway Statistics (2002).



**Table 3-20 (Continued)**  
**STATE MOTOR-VEHICLE REGISTRATIONS (1)**

| State          | Motor Vehicles                              |                    |             |                            |                    |         |                        |                    |            |                        | Comparison of Total Motor-Vehicle Registrations |             |            |
|----------------|---------------------------------------------|--------------------|-------------|----------------------------|--------------------|---------|------------------------|--------------------|------------|------------------------|-------------------------------------------------|-------------|------------|
|                | Automobiles                                 |                    |             | Buses                      |                    |         | Trucks                 |                    |            | All Motor Vehicles     |                                                 |             | Change (%) |
|                | Private and Commercial (including taxicabs) | Publicly Owned (2) | Total       | Private and Commercial (3) | Publicly Owned (2) | Total   | Private and Commercial | Publicly Owned (2) | Total      | Private and Commercial | Publicly Owned (2)                              | Total       |            |
| Nevada         | 669,257                                     | 9,880              | 679,137     | 1,628                      | 276                | 1,904   | 583,979                | 14,808             | 598,787    | 1,254,864              | 24,964                                          | 1,279,828   | 60,103     |
| New Hampshire  | 680,303                                     | 4,075              | 684,378     | 1,468                      | 342                | 1,810   | 401,814                | 11,538             | 413,352    | 1,083,585              | 15,955                                          | 1,099,540   | 47,789     |
| New Jersey     | 4,472,364                                   | 45,542             | 4,517,906   | 19,076                     | 3,331              | 22,407  | 1,938,233              | 101,479            | 2,039,712  | 642,973                | 150,352                                         | 6,390,031   | 189,994    |
| New Mexico     | 656,908                                     | 14,224             | 671,132     | 2,347                      | 1,055              | 3,402   | 731,230                | 22,696             | 753,926    | 1,390,485              | 37,975                                          | 1,428,460   | -100,050   |
| New York       | 7,517,062                                   | 80,309             | 7,597,371   | 23,189                     | 32,509             | 55,698  | 2,449,908              | 93,491             | 2,543,399  | 9,990,159              | 206,309                                         | 10,196,468  | -38,063    |
| North Carolina | 3,684,447                                   | 29,220             | 3,713,667   | 9,765                      | 21,461             | 31,226  | 2,386,976              | 47,882             | 2,434,858  | 6,081,188              | 98,563                                          | 6,179,751   | -42,752    |
| North Dakota   | 343,662                                     | 3,958              | 347,620     | 628                        | 1,663              | 2,291   | 348,878                | 8,796              | 357,674    | 693,168                | 14,417                                          | 707,585     | 13,725     |
| Ohio           | 6,616,322                                   | 49,711             | 6,666,033   | 15,631                     | 22,699             | 38,330  | 3,774,506              | 76,033             | 3,850,539  | 10,406,459             | 148,443                                         | 10,554,902  | 87,426     |
| Oklahoma       | 1,737,011                                   | 11,878             | 1,748,889   | 2,448                      | 14,591             | 17,039  | 1,467,462              | 47,690             | 1,515,152  | 3,206,921              | 74,159                                          | 3,281,080   | 266,589    |
| Oregon         | 1,532,690                                   | 26,538             | 1,559,228   | 4,253                      | 9,319              | 13,572  | 1,435,257              | 31,338             | 1,466,595  | 2,972,200              | 67,195                                          | 3,039,395   | 17,821     |
| Pennsylvania   | 6,184,242                                   | 47,049             | 6,231,291   | 28,343                     | 8,135              | 36,478  | 3,296,582              | 66,404             | 3,362,986  | 9,509,167              | 121,588                                         | 9,630,755   | 370,788    |
| Rhode Island   | 531,528                                     | 4,718              | 536,246     | 1,849                      | 11                 | 1,860   | 221,175                | 5,197              | 226,372    | 754,552                | 9,926                                           | 764,478     | 4,908      |
| South Carolina | 1,908,834                                   | 10,571             | 1,919,405   | 4,884                      | 11,746             | 16,630  | 1,180,417              | 26,287             | 1,206,704  | 3,094,135              | 48,604                                          | 3,142,739   | 48,010     |
| South Dakota   | 384,746                                     | 4,286              | 389,032     | 773                        | 1,825              | 2,598   | 398,262                | 13,604             | 411,866    | 783,781                | 19,715                                          | 803,496     | 10,987     |
| Tennessee      | 2,990,575                                   | 21,212             | 3,011,787   | 3,791                      | 13,289             | 17,080  | 2,055,918              | 54,058             | 2,109,976  | 5,050,284              | 88,559                                          | 5,138,843   | 319,044    |
| Texas          | 7,618,374                                   | 105,935            | 7,724,309   | 17,434                     | 62,097             | 79,531  | 6,347,204              | 207,713            | 6,554,917  | 139,830,122            | 375,745                                         | 14,070,096  | 288,661    |
| Utah           | 913,480                                     | 10,541             | 924,021     | 452                        | 810                | 1,262   | 810,924                | 15,627             | 826,451    | 1,724,756              | 26,978                                          | 1,751,734   | 124,128    |
| Vermont        | 298,693                                     | 3,072              | 301,765     | 639                        | 1,434              | 2,073   | 223,591                | 6,356              | 229,947    | 522,923                | 10,862                                          | 533,785     | 18,902     |
| Virginia       | 3,940,965                                   | 35,399             | 3,976,364   | 2,726                      | 15,534             | 18,260  | 2,140,150              | 36,607             | 2,176,757  | 6,083,841              | 87,540                                          | 6,171,381   | 125,254    |
| Washington     | 2,883,581                                   | 19,620             | 2,903,201   | 3,445                      | 6,274              | 9,719   | 2,224,258              | 41,919             | 2,266,177  | 5,111,284              | 67,813                                          | 5,179,097   | 63,231     |
| West Virginia  | 771,215                                     | 15,324             | 786,539     | 861                        | 2,259              | 3,120   | 632,314                | 30,079             | 662,393    | 1,404,390              | 47,662                                          | 1,452,052   | 10,317     |
| Wisconsin      | 2,563,421                                   | 15,640             | 2,579,061   | 9,365                      | 4,639              | 14,004  | 1,894,326              | 45,544             | 1,899,870  | 4,407,112              | 65,823                                          | 4,472,935   | 107,410    |
| Wyoming        | 206,072                                     | 5,082              | 211,154     | 979                        | 1,832              | 2,811   | 345,983                | 12,675             | 358,658    | 553,034                | 19,589                                          | 572,623     | -13,067    |
| Total          | 136,340,945                                 | 1,292,522          | 137,633,467 | 317,593                    | 431,955            | 749,548 | 89,987,541             | 2,057,770          | 92,045,311 | 226,646,079            | 3,782,247                                       | 230,428,326 | 8,953,153  |

(1) For additional details of publicly owned vehicles and of trucks, buses, and trailers registered, see Tables MV-7, 9, 10, 11, respectively. Excludes 8,001 Diplomatic Corps vehicles issued license plates by the United States Department of State.  
 (2) Where the registration year is not more than one month removed from the calendar year, registration-year data are given. Where the registration year is more than one month removed, registrations are given for the calendar year.  
 (3) Includes Federal, State, county, and municipal vehicles. Vehicles owned by the military services are not included.  
 (4) The numbers of private and commercial buses given here are estimates by the Federal Highway Administration of the numbers in operation, rather than the registration counts of the States.  
 (5) The following farm trucks, registered at a nominal fee and restricted to use in the vicinity of the owner's farm, are not included in this table: Connecticut, 7,863; New Hampshire, 3,497; New Jersey, 6,186; New York, 26,005; Pennsylvania, 22,088; and Rhode Island, 994.  
 (6) The State reported motor-vehicle registration data for 1993 do not include transfer tags or registrations.

Source: U.S. Department of Transportation, Federal Highway Administration, 2001 *Highway Statistics* (2002).



**Table 3-21**  
**CENTERLINE MILES BY FUNCTIONAL SYSTEM AND**  
**MEASURED PAVEMENT ROUGHNESS (International Roughness Index, IRI)**

| Functional System |                                | ISR: | Miles |       |       |        |         |         |         |         |       |       |
|-------------------|--------------------------------|------|-------|-------|-------|--------|---------|---------|---------|---------|-------|-------|
|                   |                                |      | n/a   | < 60  | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | Total |
| Rural             | Interstate                     |      | 30    | 767   | 66    | 16     | 49      | 19      | 5       | n/a     | n/a   | 922   |
|                   | Other Principal Arterial       |      | 112   | 1,680 | 1,450 | 275    | 122     | 44      | 24      | 2       | 3     | 3,600 |
|                   | Minor Arterial                 |      | n/a   | 753   | 1,298 | 387    | 61      | 58      | 25      | n/a     | 7     | 2,584 |
|                   | Major Collector                |      | n/a   | n/a   | n/a   | n/a    | n/a     | n/a     | n/a     | n/a     | n/a   | n/a   |
| Urban             | Interstate                     |      | 38    | 270   | 146   | 26     | 21      | 12      | 6       | n/a     | n/a   | 481   |
|                   | Other Freeways and Expressways |      | 59    | 155   | 199   | 24     | 17      | 6       | 2       | n/a     | 1     | 404   |
|                   | Other Principal Arterial       |      | 288   | 517   | 1,116 | 366    | 212     | 95      | 36      | 31      | 34    | 2,407 |
|                   | Minor Arterial                 |      | n/a   | n/a   | n/a   | n/a    | n/a     | n/a     | n/a     | n/a     | n/a   | n/a   |
|                   | Collector                      |      | n/a   | n/a   | n/a   | n/a    | n/a     | n/a     | n/a     | n/a     | n/a   | n/a   |

Source: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2001* (November 2002), Table HM-64.

**Table 3-22**  
**CENTERLINE MILES BY FUNCTIONAL SYSTEM AND**  
**VOLUME-SERVICE FLOW RATIO (VSFR)**

| Functional System |                                | VSFR: | Miles       |        |         | %           |        |                  |
|-------------------|--------------------------------|-------|-------------|--------|---------|-------------|--------|------------------|
|                   |                                |       | 0.80 - 0.95 | > 0.95 | Total   | 0.80 - 0.95 | > 0.95 | 0.80 and Greater |
| Rural             | Interstate                     |       | 59.0        | 6.0    | 952.0   | 6.2         | 0.6    | 6.8              |
|                   | Other Principal Arterial       |       | 21.0        | n/a    | 3,712.0 | 0.6         | 0.0    | 0.6              |
|                   | Minor Arterial                 |       | 1.0         | n/a    | 2,584.0 | 0.0         | 0.0    | 0.0              |
|                   | Major Collector                |       | 0.0         | 0.0    | 0.0     | 0.0         | 0.0    | 0.0              |
| Urban             | Interstate                     |       | 68.0        | 144.0  | 517.0   | 13.2        | 27.9   | 41.0             |
|                   | Other Freeways and Expressways |       | 24.0        | 31.0   | 458.0   | 5.2         | 6.8    | 12.0             |
|                   | Other Principal Arterial       |       | 252.0       | 182.0  | 2,651.0 | 9.5         | 6.9    | 16.4             |
|                   | Minor Arterial                 |       | 346.0       | 329.0  | 3,111.0 | 11.1        | 10.6   | 21.7             |
|                   | Collector                      |       | 240.0       | 440.0  | 5,806.0 | 4.1         | 7.6    | 11.7             |

Source: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2001* (November 2002), Table HM-61.



**Table 3-23**  
**CENTERLINE MILES BY FUNCTIONAL SYSTEM AND**  
**PRESENT SERVICEABILITY RATING (PSR)**

| Functional System |                                | PSR: | Miles   |         |         |         |       | %       |         |         |         |  |
|-------------------|--------------------------------|------|---------|---------|---------|---------|-------|---------|---------|---------|---------|--|
|                   |                                |      | 0.0-2.0 | 2.1-2.5 | 2.6-3.4 | 3.5-5.0 | Total | 0.0-2.0 | 2.1-2.5 | 2.6-3.4 | 3.5-5.0 |  |
| Rural             | Interstate                     |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Other Principal Arterial       |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Minor Arterial                 |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Major Collector                |      | n/a     | 241     | 1,356   | 2,041   | 3,638 | n/a     | 6.62    | 37.27   | 56.1    |  |
| Urban             | Interstate                     |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Other Freeways and Expressways |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Other Principal Arterial       |      | n/a     | n/a     | n/a     | n/a     | n/a   | n/a     | n/a     | n/a     | n/a     |  |
|                   | Minor Arterial                 |      | 9       | 4       | 326     | 1,215   | 1,554 | .58     | .26     | 21      | 78.18   |  |
|                   | Collector                      |      | 74      | 246     | 1,811   | 3,512   | 5,643 | 1.3     | 4.3     | 32.09   | 62.23   |  |

Source: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2001* (November 2002), Table HM-63.



**Table 3-24**  
**STATEWIDE MINIMUM LEVEL OF SERVICE STANDARDS FOR**  
**THE FLORIDA STATE HIGHWAY SYSTEM <sup>1</sup>**

|                                                | Rural Areas <sup>2</sup> | Transitioning Urbanized Areas <sup>3</sup> , Urban Areas <sup>4</sup> , or Communities <sup>5</sup> | Urbanized Areas <sup>6</sup> Under 500,000 | Urbanized Areas Over 500,000 | Roadways Parallel to Exclusive Transit Facilities <sup>7</sup> | Inside Transportation Concurrency Management Areas <sup>8</sup> | Constrained <sup>9</sup> and Backlogged <sup>10</sup> Roadways |
|------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|
| <b>INTRASTATE</b>                              |                          |                                                                                                     |                                            |                              |                                                                |                                                                 |                                                                |
| Limited Access Highway (Freeway) <sup>12</sup> | B                        | C                                                                                                   | C(D)                                       | D(E)                         | D(E)                                                           | D(E)                                                            | Maintain <sup>15</sup>                                         |
| Controlled Access Highway <sup>13</sup>        | B                        | C                                                                                                   | C                                          | D                            | E                                                              | E                                                               | Maintain                                                       |
| <b>OTHER STATE ROADS <sup>14</sup></b>         |                          |                                                                                                     |                                            |                              |                                                                |                                                                 |                                                                |
| Other Multilane                                | B                        | C                                                                                                   | D                                          | D                            | E                                                              | * <sup>16</sup>                                                 | Maintain                                                       |
| Two-Lane                                       | C                        | C                                                                                                   | D                                          | D                            | E                                                              | *                                                               | Maintain                                                       |

Level of service standards inside parentheses apply to general use lanes only when exclusive through lanes exist.

- The indicated **levels of service** designate lowest quality operating conditions for the 100th highest volume hour of the year in the predominant traffic flow direction from the present through a 20-year planning horizon. The 100th highest hour approximates the typical peak hour during the peak season. Definitions and measurement criteria used for minimum level of service standards are based on the most recent updates of the Transportation Research Board Highway Capacity Manual "Special Report 209." All level of service evaluations are to be based on "Special Report 209," or a methodology which has been accepted by FDOT as having comparable reliability.
- Rural areas** are areas not included in a transportation concurrency management area, an urbanized area, a transitioning urbanized area, an urban area or a community.
- Transitioning urbanized areas** are the areas outside urbanized areas that are planned to be included within the urbanized areas within the next 20 years based primarily on the U.S. Bureau of Census urbanized criteria of a population density of at least 1,000 people per square mile.
- Urban Areas** are places with a population of at least 5,000 and are not included in urbanized areas. The applicable boundary encompasses the 1990 urban area as well as the surrounding geographical area as agreed upon by FDOT, local government, and Federal Highway Administration (FHWA). The boundaries are commonly called FHWA Urban Area Boundaries and include areas expected to have medium density development before the next decennial census.
- Communities** are incorporated places outside urban or urbanized areas, or unincorporated developed areas having 500 population or more identified by local governments in their local government comprehensive plans and located outside of urban or urbanized areas.
- Urbanized areas** are the 1990 urbanized areas designated by the U.S. Bureau of Census as well as the surrounding geographical areas as agreed upon by the FDOT, Metropolitan Planning Organization (MPO), and Federal Highway Administration (FHWA), commonly called FHWA Urbanized Area Boundaries. The over or under 500,000 classifications distinguish urbanized areas with a population over or under 500,000 based on the 1990 U.S. Census.
- Roadways parallel to exclusive transit facilities** are roads generally parallel to and within one-half mile of a physically separated rail or roadway lane reserved for multi-passenger use by rail cars or buses serving large volumes of home/work trips during peak travel hours. Exclusive transit facilities do not include downtown people movers or high occupancy vehicle lanes unless physically separated from other travel lanes.
- Transportation Concurrency Management Areas** are geographically compact areas designated in local government comprehensive plans where intensive development exists or is planned in a manner that will ensure an adequate level of mobility and further the achievement of identified important state planning goals and policies, including discouraging the proliferation of urban sprawl, encouraging the revitalization of existing downtowns and designated redevelopment areas, protecting natural resources, protecting historic resources, maximizing the efficient use of existing public facilities, and promoting public transit, bicycling, walking and other alternatives to the single occupant automobile. Transportation concurrency management areas may be established in a comprehensive plan in accordance with Rule 9J-5.0057, Florida Administrative Code.
- Constrained roadways** are roads on the State Highway System which FDOT has determined will not be expanded by the addition of two or more through lanes because of physical, environmental or policy constraints. Physical constraints primarily occur when intensive land use development is immediately adjacent to roads, thus making expansion costs prohibitive. Environmental and policy constraints primarily occur when decisions are made not to expand a road based on environmental, historical, archaeological, aesthetic, or social impact considerations.

- Backlogged roadways** are roads on the State Highway System operating at a level of service below the minimum level of service standards, not programmed for construction in the first three years of FDOT's adopted work program or the five year schedule of improvements contained in a local government's capital improvements element, and not constrained.
- Intrastate** means the Florida Intrastate Highway System (FIHS), which comprises a statewide network of limited and controlled access highways. The primary function of the system is for high speed and high volume traffic movements within the state. Access to abutting land is subordinate to this function and such access must be prohibited or highly regulated. Highways included as part of this system are designated in the Florida Transportation Plan. **General use lanes** are intrastate roadway lanes not exclusively designated for long distance high speed travel. In urbanized areas general use lanes include high occupancy vehicle lanes not physically separated from other travel lanes. **Exclusive through lanes** are roadway lanes exclusively designated for intrastate travel, which are physically separated from general use lanes and to which access is highly regulated. These lanes may be used for high occupancy vehicles and express buses during peak hours if the level of service standards can be maintained.
- Limited access highways (freeways)** are multilane divided highways having a minimum of two lanes for exclusive use of traffic in each direction and full control of ingress and egress; this includes freeways and all fully controlled access roadways.
- Controlled access highways** are non-limited access arterial facilities where access connections, median openings and traffic signals are highly regulated. The standards shown are the ultimate standards to be achieved for controlled access facilities on the Florida Intrastate Highway System (FIHS) within a 20-year period. For rural two-lane FIHS facilities, the standard is "C" until such time as the facility is improved to four or more lanes when the "B" standard would apply. Signalized intersections are to be minimized on these facilities within 20 years making an uninterrupted flow standard generally applicable. Controlled access facilities on the FIHS currently not meeting the ultimate standards shall be allowed to remain on the FIHS with a "maintain" status.
- Other state roads** are roads on the State Highway System that are not part of the Florida Intrastate Highway System.
- Maintain** means continuing operating conditions at a level such that significant degradation does not occur based on conditions existing at the time of local government comprehensive plan adoption. For roadways in rural areas, transitioning urbanized areas, urban areas or communities, significant degradation means (1) an increase in average annual daily traffic in two-way traffic volume of 5 percent above the maximum service volume, or (2) a reduction in operating speed for the peak direction in the 100th highest hour of 5 percent below the speed, of the adopted LOS standard at the time the comprehensive plan was adopted. For roadways in urbanized areas, for roadways parallel to exclusive transit facilities or for intrastate roadways in transportation concurrency management areas significant degradation means (1) an increase in average annual daily traffic in two-way traffic volume of 10 percent above the maximum service volume, or (2) a reduction in operating speed for the peak direction in the 100th highest hour of 10 percent below the speed, of the adopted LOS standard at the time the comprehensive plan was adopted. For other state roads in transportation concurrency management areas significant degradation means that amount defined in the transportation mobility element. For constrained roadways meeting or exceeding the level of service standards, "maintain" does not apply until the roadway is operating below the applicable minimum level of service standard.
- \* means the level of service standard will be set in a transportation mobility element that meets the requirements of Rule 9J-5.0057.

Source: Florida Department of Transportation, *FDOT Quality/Level of Service Handbook* (November 2002).

A large, solid black silhouette of the state of Florida, centered on the page. The silhouette includes the internal county boundaries of the state.

## ***Toll Facilities***





### **SECTION HIGHLIGHTS**

- The state operates 671 tolled traffic lanes throughout Florida. These lanes include controlling access to three bridges, one ferry service, Florida's Turnpike, and other toll facilities.
- Florida has a total of 599.1 centerline miles and 2,517.7 lane miles on its statewide turnpike system and other toll roads.
- Daily vehicle miles of travel (DVMT) on the statewide turnpike system totaled 20.7 million miles in 2002.



**Table 3-25**  
**FLORIDA TOLL ROADS**

| <b>Department Owned and Operated Systems</b>    | <b>Year Toll Collection Started</b> | <b>Centerline Miles</b> |
|-------------------------------------------------|-------------------------------------|-------------------------|
| Sunshine Skyway Bridge                          | 1954                                | 17                      |
| Florida's Turnpike                              | 1957                                | 449                     |
| Navarre Bridge                                  | 1960                                | 1                       |
| Pinellas Bayway                                 | 1962                                | 15                      |
| Everglades Parkway (Alligator Alley)            | 1966                                | 78                      |
| Bee Line East                                   | 1974                                | 14                      |
| <b>Department Operated Systems</b>              |                                     |                         |
| Lee Roy Selmon Crosstown Expressway             | 1975                                | 14                      |
| Mid-Bay Bridge                                  | 1993                                | 3                       |
| Garcon Point Bridge                             | 1999                                | 3                       |
| <b>Other Major Toll Systems</b>                 |                                     |                         |
| Miami-Dade Expressway System                    | 1961                                | 30                      |
| Lee County                                      | 1964                                | 5                       |
| Orlando-Orange County Expressway System (OOCEA) | 1966                                | 90                      |

Source: Florida Department of Transportation, Office of Toll Operations (March 2003).



**Table 3-26  
TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |             |              | Urban            |             |              | Total            |              |              |
|-------------------|------------------|-------------|--------------|------------------|-------------|--------------|------------------|--------------|--------------|
|                   | Centerline Miles | Lane Miles  | DVMT (000)   | Centerline Miles | Lane Miles  | DVMT (000)   | Centerline Miles | Lane Miles   | DVMT (000)   |
| Charlotte         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Collier           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Desoto            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Glades            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hardee            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hendry            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Highlands         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Lee               | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Manatee           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Okeechobee        | 7.2              | 28.7        | 162.9        | 0.0              | 0.0         | 0.0          | 7.2              | 28.7         | 162.9        |
| Polk              | 0.0              | 0.0         | 0.0          | 24.4             | 85.7        | 200.2        | 24.2             | 85.7         | 200.2        |
| Sarasota          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| <b>District 1</b> | <b>7.2</b>       | <b>28.7</b> | <b>162.9</b> | <b>24.4</b>      | <b>85.7</b> | <b>200.2</b> | <b>31.6</b>      | <b>114.5</b> | <b>363.1</b> |
| Alachua           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Baker             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Bradford          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Clay              | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Columbia          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Dixie             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Duval             | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Gilchrist         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Hamilton          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Lafayette         | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Levy              | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Madison           | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Nassau            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |
| Putnam            | 0.0              | 0.0         | 0.0          | 0.0              | 0.0         | 0.0          | 0.0              | 0.0          | 0.0          |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-26 (Continued)**  
**TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |            |             | Urban            |             |             | Total            |             |              |
|-------------------|------------------|------------|-------------|------------------|-------------|-------------|------------------|-------------|--------------|
|                   | Centerline Miles | Lane Miles | DVMT (000)  | Centerline Miles | Lane Miles  | DVMT (000)  | Centerline Miles | Lane Miles  | DVMT (000)   |
| St. Johns         | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Suwannee          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Taylor            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Union             | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| <b>District 2</b> | <b>0.0</b>       | <b>0.0</b> | <b>0.0</b>  | <b>0.0</b>       | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>       | <b>0.0</b>  | <b>0.0</b>   |
| Bay               | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Calhoun           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Escambia          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Franklin          | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Gadsden           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Gulf              | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Holmes            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Jackson           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Jefferson         | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Leon              | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Liberty           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Okaloosa          | 4.2              | 9.4        | 64.6        | 2.4              | 6.1         | 35.4        | 6.6              | 15.6        | 100.0        |
| Santa Rosa        | 0.0              | 0.0        | 0.0         | 5.2              | 10.5        | 20.4        | 5.2              | 10.5        | 20.4         |
| Wakulla           | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Walton            | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| Washington        | 0.0              | 0.0        | 0.0         | 0.0              | 0.0         | 0.0         | 0.0              | 0.0         | 0.0          |
| <b>District 3</b> | <b>4.2</b>       | <b>9.4</b> | <b>64.6</b> | <b>7.6</b>       | <b>16.6</b> | <b>55.9</b> | <b>11.8</b>      | <b>26.0</b> | <b>120.5</b> |
| Broward           | 0.0              | 0.0        | 0.0         | 55.5             | 281.8       | 3,498.5     | 55.5             | 281.8       | 3,498.5      |
| Indian River      | 10.3             | 41.1       | 233.3       | 0.0              | 0.0         | 0.0         | 10.3             | 41.1        | 233.3        |
| Martin            | 12.6             | 50.4       | 295.8       | 7.7              | 30.8        | 199.7       | 20.3             | 81.1        | 495.6        |
| Palm Beach        | 3.5              | 14.1       | 158.7       | 41.1             | 175.8       | 1,769.5     | 44.6             | 189.9       | 1,928.2      |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.



**Table 3-26 (Continued)**  
**TURNPIKE AND TOLL SUMMARY FOR FLORIDA COUNTIES AND DISTRICTS (2002)**

| County            | Rural            |              |                | Urban            |                |                 | Total            |                |                 |
|-------------------|------------------|--------------|----------------|------------------|----------------|-----------------|------------------|----------------|-----------------|
|                   | Centerline Miles | Lane Miles   | DVMT (000)     | Centerline Miles | Lane Miles     | DVMT (000)      | Centerline Miles | Lane Miles     | DVMT (000)      |
| St. Lucie         | 20.0             | 80.1         | 454.8          | 15.1             | 60.3           | 376.6           | 35.1             | 140.4          | 831.5           |
| <b>District 4</b> | <b>46.4</b>      | <b>185.7</b> | <b>1,142.6</b> | <b>119.3</b>     | <b>548.6</b>   | <b>5,844.4</b>  | <b>165.8</b>     | <b>734.4</b>   | <b>6,987.0</b>  |
| Brevard           | 12.3             | 36.0         | 188.9          | 0.2              | 0.6            | 1.0             | 12.5             | 36.6           | 189.9           |
| Flagler           | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Lake              | 23.9             | 95.5         | 907.2          | 0.0              | 0.0            | 0.0             | 23.9             | 95.5           | 907.2           |
| Marion            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Orange            | 41.8             | 168.1        | 1,259.6        | 85.6             | 366.7          | 3,647.0         | 127.4            | 534.8          | 4,906.5         |
| Osceola           | 51.5             | 206.1        | 1,102.2        | 10.2             | 40.7           | 235.8           | 61.7             | 246.8          | 1,338.0         |
| Seminole          | 0.0              | 0.0          | 0.0            | 17.4             | 70.4           | 376.0           | 17.4             | 70.4           | 376.0           |
| Sumter            | 10.7             | 42.7         | 306.2          | 0.0              | 0.0            | 0.0             | 10.7             | 42.7           | 306.2           |
| Volusia           | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| <b>District 5</b> | <b>140.2</b>     | <b>548.5</b> | <b>3,764.1</b> | <b>113.4</b>     | <b>478.4</b>   | <b>4,259.8</b>  | <b>253.6</b>     | <b>1,026.9</b> | <b>8,023.9</b>  |
| Dade              | 10.8             | 54.6         | 687.0          | 46.2             | 246.4          | 3,070.6         | 57.0             | 301.0          | 3,757.7         |
| Monroe            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| <b>District 6</b> | <b>10.8</b>      | <b>54.6</b>  | <b>687.0</b>   | <b>46.2</b>      | <b>246.4</b>   | <b>3,070.6</b>  | <b>57.0</b>      | <b>301.0</b>   | <b>3,757.7</b>  |
| Citrus            | 0.0              | 0.0          | 0.0            | 0.0              | 0.0            | 0.0             | 0.0              | 0.0            | 0.0             |
| Hernando          | 17.7             | 70.9         | 89.5           | 0.0              | 0.0            | 0.0             | 17.7             | 70.9           | 89.5            |
| Hillsborough      | 1.2              | 4.7          | 19.0           | 32.1             | 131.7          | 1,033.4         | 33.2             | 136.4          | 1,052.4         |
| Pasco             | 19.9             | 79.5         | 236.4          | 0.0              | 0.0            | 0.0             | 19.9             | 79.5           | 236.4           |
| Pinellas          | 0.0              | 0.0          | 0.0            | 8.5              | 28.2           | 124.0           | 8.5              | 28.2           | 124.0           |
| <b>District 7</b> | <b>38.8</b>      | <b>155.1</b> | <b>344.9</b>   | <b>40.6</b>      | <b>159.8</b>   | <b>1,157.4</b>  | <b>79.4</b>      | <b>314.9</b>   | <b>1,502.3</b>  |
| <b>Statewide</b>  | <b>247.6</b>     | <b>982.1</b> | <b>6,166.1</b> | <b>351.5</b>     | <b>1,535.6</b> | <b>14,588.3</b> | <b>599.1</b>     | <b>2,517.7</b> | <b>20,754.4</b> |

Source: Florida Department of Transportation, *State Highway System Mileage Report* for December 31, 2002.





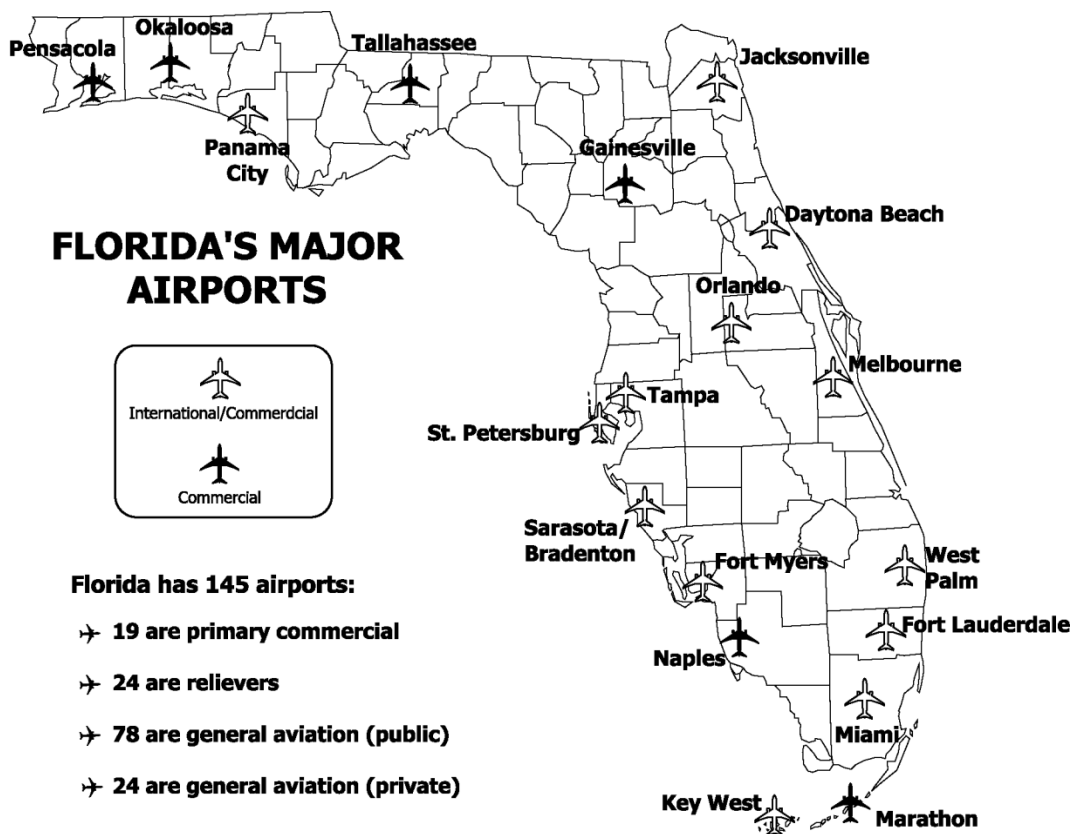
## ***Aviation***





### SECTION HIGHLIGHTS

- Florida's airports were scheduled to have 377,505 aircraft departures in 2000. The actual total performed was 375,723.
- In 2000, enplaned revenue passengers for all Florida airports totaled 51,492,425. Approximately 40 percent of the enplaned revenue passengers occurred at two of the three Miami/Ft. Lauderdale regional airports.
- All Florida airports carried a total of 896,008 enplaned revenue tons. Of this, 796,009 were freight in nature and 99,999 were mail in nature.



Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 3-27**  
**SUMMARY STATISTICS FOR LARGE, MEDIUM, AND SMALL**  
**AIR TRAFFIC HUBS IN FLORIDA (2000)**

| Area (Airport Name)                          | Percent of Enplanements | Aircraft Departures |           | Enplaned Revenue Passengers | Enplaned Revenue Tons |        |
|----------------------------------------------|-------------------------|---------------------|-----------|-----------------------------|-----------------------|--------|
|                                              |                         | Total Performed     | Scheduled |                             | Freight               | Mail   |
| Florida                                      | n/a                     | 375,723             | 377,505   | 50,878,081                  | 461,831               | 85,818 |
|                                              | n/a                     | 38,228              | n/a       | 614,344                     | 334,177               | 14,182 |
|                                              | n/a                     | 413,951             | 377,505   | 51,492,425                  | 796,009               | 99,999 |
| Miami/Ft. Lauderdale                         |                         |                     |           |                             |                       |        |
| (Ft. Lauderdale-Hollywood Int'l)             | 1.12                    | 69,943              | 68,922    | 7,140,518                   | 99,913                | 12,611 |
| (Miami Int'l)                                | 1.98                    | 144,533             | 3,894,433 | 12,654,506                  | 501,223               | 36,842 |
| Miami Public SPB                             | 0.00                    | 3                   | n/a       | n/a                         | 0                     | n/a    |
| (Opa Locka)                                  | 0.00                    | 47                  | n/a       | 281                         | 44                    | n/a    |
| Community Total                              | 3.1                     | 214,526             | 3,963,355 | 19,795,305                  | 601,180               | 49,453 |
| Orlando                                      |                         |                     |           |                             |                       |        |
| (Orlando Int'l)                              | 2.11                    | 136,371             | 133,920   | 13,465,706                  | 96,054                | 24,145 |
| Community Total                              | 2.11                    | 136,371             | 133,920   | 13,465,706                  | 96,054                | 24,145 |
| Tampa & St. Petersburg/Clearwater & Lakeland |                         |                     |           |                             |                       |        |
| Lakeland Municipal                           | 0.00                    | 2                   | n/a       | n/a                         | n/a                   | n/a    |
| (MacDill AFB)                                | 0.00                    | 8                   | n/a       | 462                         | 15                    | n/a    |
| (St. Pete/Clearwater Int'l/Lakeland)         | 0.04                    | 2,589               | 1,390     | 235,396                     | 9,406                 | n/a    |
| (Tampa Int'l)                                | 1.16                    | 76,180              | 76,191    | 7,430,829                   | 36,422                | 12,035 |
| Community Total                              | 1.20                    | 78,779              | 77,581    | 7,666,687                   | 45,843                | 12,035 |
| Ft. Myers                                    |                         |                     |           |                             |                       |        |
| (Page Field)                                 | 0.00                    | 253                 | 255       | n/a                         | 61                    | 0      |
| (Southwest)                                  | 0.38                    | 22,765              | 22,755    | 2,448,940                   | 4,173                 | 1,405  |
| Community Total                              | 0.38                    | 23,018              | 23,010    | 2,448,940                   | 4,234                 | 1,405  |

Source: U.S. Department of Transportation, Federal Aviation Administration, *Airport Activity Statistics of Certified Route Carriers* (2001).



**Table 3-27 (Continued)**  
**SUMMARY STATISTICS FOR LARGE, MEDIUM, AND SMALL**  
**AIR TRAFFIC HUBS IN FLORIDA (2000)**

| Area (Airport Name)        | Percent of Enplanements | Aircraft Departures |           | Enplaned Revenue Passengers | Enplaned Revenue Tons |       |
|----------------------------|-------------------------|---------------------|-----------|-----------------------------|-----------------------|-------|
|                            |                         | Total Performed     | Scheduled |                             | Freight               | Mail  |
| Jacksonville               |                         |                     |           |                             |                       |       |
| (Jacksonville Int'l)       | 0.39                    | 33,265              | 31,852    | 2,498,702                   | 24,503                | 7,820 |
| (Jacksonville NAS)         | 0.00                    | 165                 | n/a       | 6,070                       | 128                   | n/a   |
| (Craig Municipal)          | 0.00                    | 499                 | 510       | n/a                         | 135                   | n/a   |
| Community Total            | 0.39                    | 33,929              | 32,362    | 2,504,772                   | 24,766                | 7,820 |
| West Palm Beach/Palm Beach |                         |                     |           |                             |                       |       |
| (Palm Beach Int'l)         | 0.44                    | 27,570              | 26,956    | 2,787,443                   | 15,198                | 3,457 |
| Daytona Beach              |                         |                     |           |                             |                       |       |
| (Daytona Beach Regional)   | n/a                     | n/a                 | n/a       | n/a                         | n/a                   | n/a   |
| Melbourne                  |                         |                     |           |                             |                       |       |
| (Cape Kennedy Regional)    | n/a                     | n/a                 | n/a       | n/a                         | n/a                   | n/a   |
| Pensacola                  |                         |                     |           |                             |                       |       |
| (Pensacola Regional)       | 0.07                    | 7,577               | 7,806     | 435,498                     | 585                   | 1,031 |
| Sarasota/Bradenton         |                         |                     |           |                             |                       |       |
| (Sarasota-Bradenton)       | 0.11                    | 8,301               | 8,203     | 719,483                     | 577                   | 2     |
| Tallahassee                |                         |                     |           |                             |                       |       |
| (Tallahassee MUNI)         | n/a                     | n/a                 | n/a       | n/a                         | n/a                   | n/a   |
| Valparaiso                 |                         |                     |           |                             |                       |       |
| Eglin AFB                  | 0.06                    | 6,320               | 6,469     | 382,824                     | 61                    | 2     |

Source: U.S. Department of Transportation, Federal Aviation Administration, *Airport Activity Statistics of Certified Route Carriers* (2001).



**Table 3-28  
FLORIDA'S AVIATION SYSTEM (2001)**

| Public Airports                    | Region                                 | Size (acres) | Based Aircraft | Annual Operations<br>(take offs and landings) |
|------------------------------------|----------------------------------------|--------------|----------------|-----------------------------------------------|
| <b>Commercial Service Airports</b> |                                        |              |                |                                               |
| Okaloosa County Air Terminal       | Northwest Florida                      | 108          | n/a            | 16,414                                        |
| Panama City-Bay County             |                                        | 745          | 121            | 92,146                                        |
| Pensacola Regional                 |                                        | 1,211        | 94             | 126,006                                       |
| Tallahassee Regional               |                                        | 2,490        | 128            | 120,051                                       |
| Gainesville Regional               | North Central Florida                  | 1,650        | 112            | 78,367                                        |
| Jacksonville International         | Northeast Florida                      | 7,911        | 37             | 150,424                                       |
| Daytona Beach International        | East Central Florida Metropolitan Area | 2,007        | 281            | 236,252                                       |
| Melbourne International            |                                        | 2,800        | 166            | 192,153                                       |
| Orlando International              |                                        | 16,000       | 1              | 369,100                                       |
| Orlando Sanford                    |                                        | 2,010        | 232            | 365,805                                       |
| St. Petersburg-Clearwater          | West Central Florida Metropolitan Area | 1,900        | 309            | 233,654                                       |
| Tampa International                |                                        | 3,300        | 78             | 274,920                                       |
| Naples Municipal                   | Southwest Florida                      | 732          | 348            | 120,311                                       |
| Sarasota/Bradenton                 |                                        | 1,102        | 295            | 184,822                                       |
| Southwest Florida International    |                                        | 3,431        | 9              | 78,952                                        |
| Vero Beach Municipal               | Treasure Coast                         | 1,707        | 266            | 216,722                                       |
| Ft Lauderdale                      | South Florida Metropolitan Area        | 1,380        | 165            | 302,153                                       |
| Key West International             |                                        | 174          | 35             | 99,891                                        |
| Marathon                           |                                        | n/a          | n/a            | n/a                                           |
| Miami International                |                                        | 3,300        | 345            | 511,867                                       |
| Palm Beach International           |                                        | 2,120        | n/a            | 214,327                                       |

Source: Florida Department of Transportation, Florida-Aviation-Database.



**Table 3-28 (Continued)**  
**FLORIDA'S AVIATION SYSTEM (2001)**

| Public Airports              | Region                                 | Size (acres) | Based Aircraft | Annual Operations<br>(take offs and landings) |
|------------------------------|----------------------------------------|--------------|----------------|-----------------------------------------------|
| <b>Reliever Airports</b>     |                                        |              |                |                                               |
| Craig Municipal              | Northeast Florida Metropolitan Area    | 1,342        | 303            | 138,307                                       |
| Coastal                      |                                        | 42           | 31             | 7,520                                         |
| Costin                       |                                        | 21           | 8              | 12,500                                        |
| Ferguson                     |                                        | 120          | 50             | 67,500                                        |
| Fernandina Beach Municipal   |                                        | 1,116        | 78             | 47,000                                        |
| Herlong                      |                                        | 1,484        | 130            | 72,200                                        |
| St. Augustine                |                                        | 668          | 320            | 143,800                                       |
| Ames Field                   | Northwest Florida                      | 80           | 1              | 1,200                                         |
| Ft. Walton Beach             |                                        | 15           | 7              | 8,030                                         |
| Rudy's Airport               |                                        | 0            | 3              | 400                                           |
| Tallahassee Commercial       |                                        | 283          | 8              | 2,625                                         |
| Bob Lee Flight Strip         | East Central Florida Metropolitan Area | 25           | 30             | 6,000                                         |
| Central Florida Regional     |                                        | n/a          | n/a            | n/a                                           |
| Kissimmee Gateway            |                                        | 892          | 270            | 142,887                                       |
| Massey Ranch Airpark         |                                        | 12           | 58             | 4,750                                         |
| Merrit Island                |                                        | 140          | 225            | 113,500                                       |
| New Hibiscus Airpark         |                                        | 90           | 20             | 22,000                                        |
| Orlando Executive            |                                        | 1,055        | 372            | 237,053                                       |
| Space Center Executive       |                                        | n/a          | n/a            | n/a                                           |
| Airport Manatee              | Central Florida                        | 20           | 90             | 7,100                                         |
| Albert Whitted Municipal     |                                        | 119          | 184            | 98,828                                        |
| Clearwater Airpark           |                                        | 74           | 139            | 50,560                                        |
| Peter O. Knight              |                                        | 0            | 102            | 66,000                                        |
| Pilot Country                |                                        | 27           | 60             | 30,000                                        |
| South Lakeland               |                                        | 32           | 37             | 12,000                                        |
| Space Coast Regional Airport |                                        | 810          | 229            | 149,110                                       |
| Tampa North Aero Park        |                                        | 30           | 29             | 11,000                                        |
| Vandenburg                   |                                        | 0            | 130            | 94,590                                        |
| Bob White Field              |                                        | 20           | 74             | 20,000                                        |
| Chalet Suzanne Air Strip     |                                        | 20           | 5              | 2,472                                         |
| Flying Ten                   |                                        | 55           | 22             | 30,000                                        |
| Jack Brown's SPB             |                                        | 8            | 6              | 10,000                                        |
| Lakeland Linder Regional     |                                        | 1,360        | 212            | 201,443                                       |
| Mid-Florida Air Service      |                                        | 167          | 55             | 21,024                                        |

Source: Florida Department of Transportation, Florida-Aviation-Database.



**Table 3-28 (Continued)**  
**FLORIDA'S AVIATION SYSTEM (2001)**

| Public Airports                      | Region                          | Size (acres) | Based Aircraft | Annual Operations<br>(take offs and landings) |
|--------------------------------------|---------------------------------|--------------|----------------|-----------------------------------------------|
| <b>Reliever Airports</b>             |                                 |              |                |                                               |
| Orlando Country                      | Central Florida                 | 0            | 43             | 21,900                                        |
| River Ranch Resort                   |                                 | 89           | n/a            | n/a                                           |
| Umatilla Municipal Airport           |                                 | 65           | 15             | 5,000                                         |
| Page Field                           | Southwest Florida               | 670          | 220            | 87,244                                        |
| Shell Creek                          |                                 | 60           | 8              | 2,190                                         |
| Boca Raton                           | South Florida Metropolitan Area | 204          | 281            | 132,300                                       |
| Dade-Collier Training and Transition |                                 | 24,960       | 0              | 23,796                                        |
| Ft. Lauderdale Executive             |                                 | 1,050        | 708            | 259,294                                       |
| Homestead General Aviation           |                                 | 960          | 48             | 62,314                                        |
| Indiantown                           |                                 | 600          | 38             | 5,000                                         |
| Kendall-Tamiami Executive            |                                 | 1,380        | 410            | 194,300                                       |
| North Perry                          |                                 | 536          | 325            | 200,292                                       |
| Opa Locka                            |                                 | 1,880        | 310            | 127,443                                       |
| Palm Beach County Park               |                                 | 14           | 380            | 140,325                                       |

Source: Florida Department of Transportation, Florida-Aviation-Database.



**Table 3-28 (Continued)**  
**FLORIDA'S AVIATION SYSTEM (2001)**

| Public Airports                      | Region                                 | Size (acres) | Based Aircraft | Annual Operations<br>(take offs and landings) |
|--------------------------------------|----------------------------------------|--------------|----------------|-----------------------------------------------|
| <b>General Aviation Airports</b>     |                                        |              |                |                                               |
| Apalachicola Municipal               | Northwest Florida                      | 800          | 30             | 24,375                                        |
| Bob Sikes                            |                                        | 1,080        | 52             | 17,000                                        |
| Calhoun County                       |                                        | 49           | 5              | 1,020                                         |
| Carabelle-Thompson                   |                                        | 202          | n/a            | 524                                           |
| De Funiak Springs                    |                                        | 159          | 10             | 16,200                                        |
| Destin-Fort Walton Beach             |                                        | 395          | 74             | 50,732                                        |
| Marianna                             |                                        | 2,400        | 38             | 28,016                                        |
| Peter Prince                         |                                        | 0            | 90             | 93,900                                        |
| Quincy Municipal                     |                                        | 212          | 52             | 13,500                                        |
| Tri-County                           |                                        | 300          | 6              | 28,376                                        |
| Wakulla                              |                                        | 15           | 9              | 5,475                                         |
| Cross City                           | North Central Florida                  | 591          | 5              | 18,000                                        |
| Crystal River                        |                                        | 100          | 51             | 36,600                                        |
| Dunnellon/Marion Park of Commerce    |                                        | 1,706        | 47             | 15,000                                        |
| George T. Lewis                      |                                        | 40           | 3              | 5,200                                         |
| Inverness                            |                                        | 302          | 29             | 12,000                                        |
| Lake City Municipal                  |                                        | 1,250        | 26             | 29,941                                        |
| Ocala International-Jim Taylor Field |                                        | 1,532        | 204            | 49,600                                        |
| Perry-Foley                          |                                        | 927          | 10             | 18,400                                        |
| Suwannee County                      |                                        | 183          | 24             | 16,300                                        |
| Williston Municipal                  |                                        | 1,600        | 36             | 16,250                                        |
| Cecil Field                          | Northeast Florida Metropolitan Area    | 6,000        | 32             | 57,242                                        |
| Flagler County                       |                                        | 1,145        | 61             | 190,010                                       |
| Hilliard Airpark                     |                                        | 30           | 24             | n/a                                           |
| Kay Larkin Municipal                 |                                        | 703          | 77             | 40,596                                        |
| Keystone Airpark                     |                                        | 2,505        | 39             | 32,400                                        |
| Arthur Dunn Airpark                  | East Central Florida Metropolitan Area | 138          | 80             | 40,450                                        |
| Deland Municipal-Sidney H. Taylor    |                                        | 1,289        | 196            | 109,839                                       |
| Leesburg Regional                    |                                        | 818          | 175            | 114,061                                       |
| New Smyrna Beach Municipal           |                                        | 769          | 159            | 140,000                                       |
| Ormond Beach Municipal               |                                        | 1,128        | 169            | 200,000                                       |
| Pierson Municipal                    |                                        | 147          | 5              | 14,000                                        |
| Valkaria                             |                                        | 0            | 38             | 14,400                                        |

Source: Florida Department of Transportation, Florida-Aviation-Database.



**Table 3-28 (Continued)**  
**FLORIDA'S AVIATION SYSTEM (2001)**

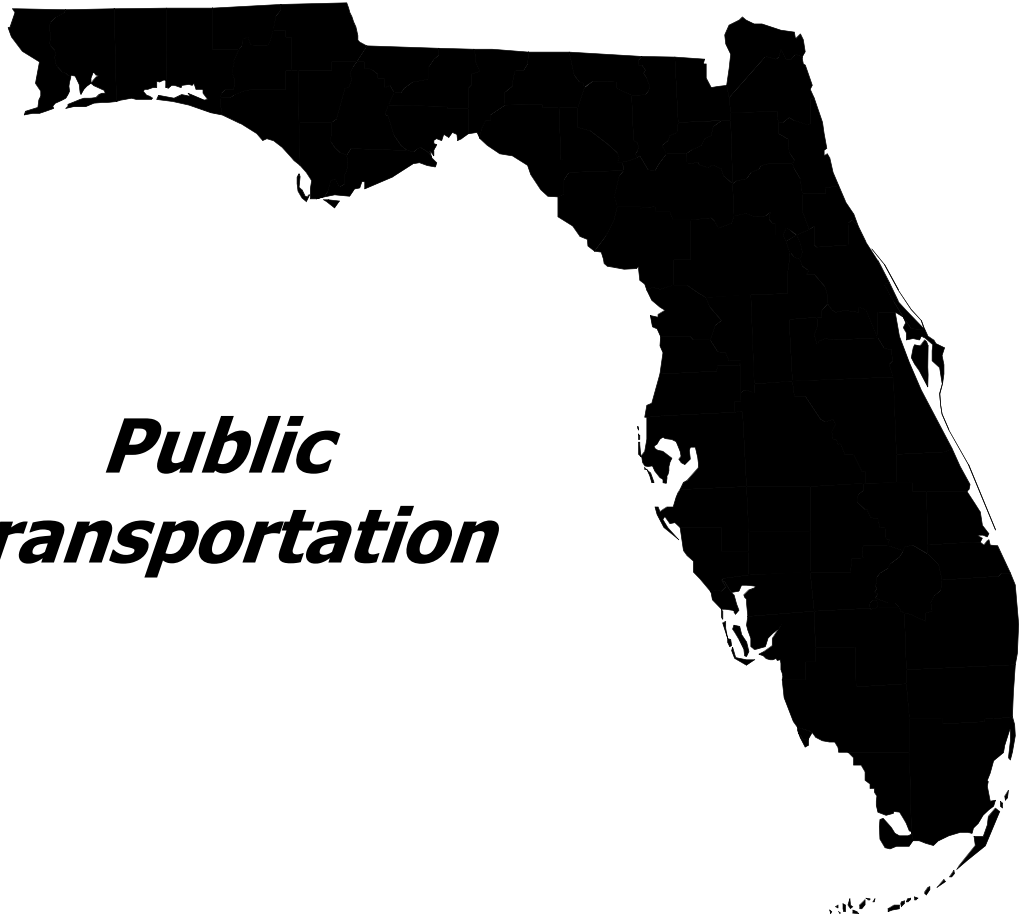
| Public Airports                  | Region                                 | Size (acres) | Based Aircraft | Annual Operations<br>(take offs and landings) |
|----------------------------------|----------------------------------------|--------------|----------------|-----------------------------------------------|
| <b>General Aviation Airports</b> |                                        |              |                |                                               |
| Hernando County                  | West Central Florida Metropolitan Area | 2,402        | 110            | 49,000                                        |
| Plant City Municipal             |                                        | 199          | 71             | 47,975                                        |
| Zephyrhills                      |                                        | 813          | 85             | 37,750                                        |
| Arcadia Municipal                | Central Florida                        | 210          | 28             | 19,370                                        |
| Avon Park Municipal              |                                        | 321          | 61             | 32,400                                        |
| Bartow Municipal                 |                                        | 1,700        | 117            | 46,419                                        |
| Gilbert Field                    |                                        | n/a          | n/a            | n/a                                           |
| Lake Wales                       |                                        | 520          | 43             | 20,000                                        |
| Okeechobee County                |                                        | 864          | 76             | 58,000                                        |
| Sebring Regional                 |                                        | 1,768        | 101            | 74,659                                        |
| Wauchula Municipal               |                                        | 106          | 43             | 8,200                                         |
| Airglades                        | Southwest Florida                      | 2,560        | 24             | 11,527                                        |
| Buchan                           |                                        | 100          | 4              | 2,700                                         |
| Charlotte County                 |                                        | 1,800        | 284            | 77,431                                        |
| Clewiston Municipal              |                                        | n/a          | n/a            | n/a                                           |
| Everglades                       |                                        | 29           | 8              | 4,800                                         |
| Immokalee                        |                                        | 1,330        | 60             | 18,980                                        |
| La Belle Municipal               |                                        | 130          | 25             | 22,000                                        |
| Marco Island                     |                                        | 140          | 36             | 14,580                                        |
| Venice Municipal                 |                                        | 835          | 230            | 172,835                                       |
| St Lucie County International    | Treasure Coast                         | 3,700        | 185            | 196,000                                       |
| Sebastian Municipal              |                                        | 620          | 50             | 26,237                                        |
| Witham Field                     |                                        | 0            | 235            | 120,556                                       |
| Belle Glade State Municipal      | South Florida Metropolitan Area        | 96           | 11             | 1,800                                         |
| North Palm Beach County General  |                                        | 1,832        | 191            | 74,870                                        |
| Opa Locka West                   |                                        | 420          | n/a            | 12,100                                        |
| Palm Beach County Glades         |                                        | 0            | 6              | 32,650                                        |
| Pompano Beach Airpark            |                                        | 935          | 158            | 169,722                                       |

Source: Florida Department of Transportation, Florida-Aviation-Database.





# ***Public Transportation***







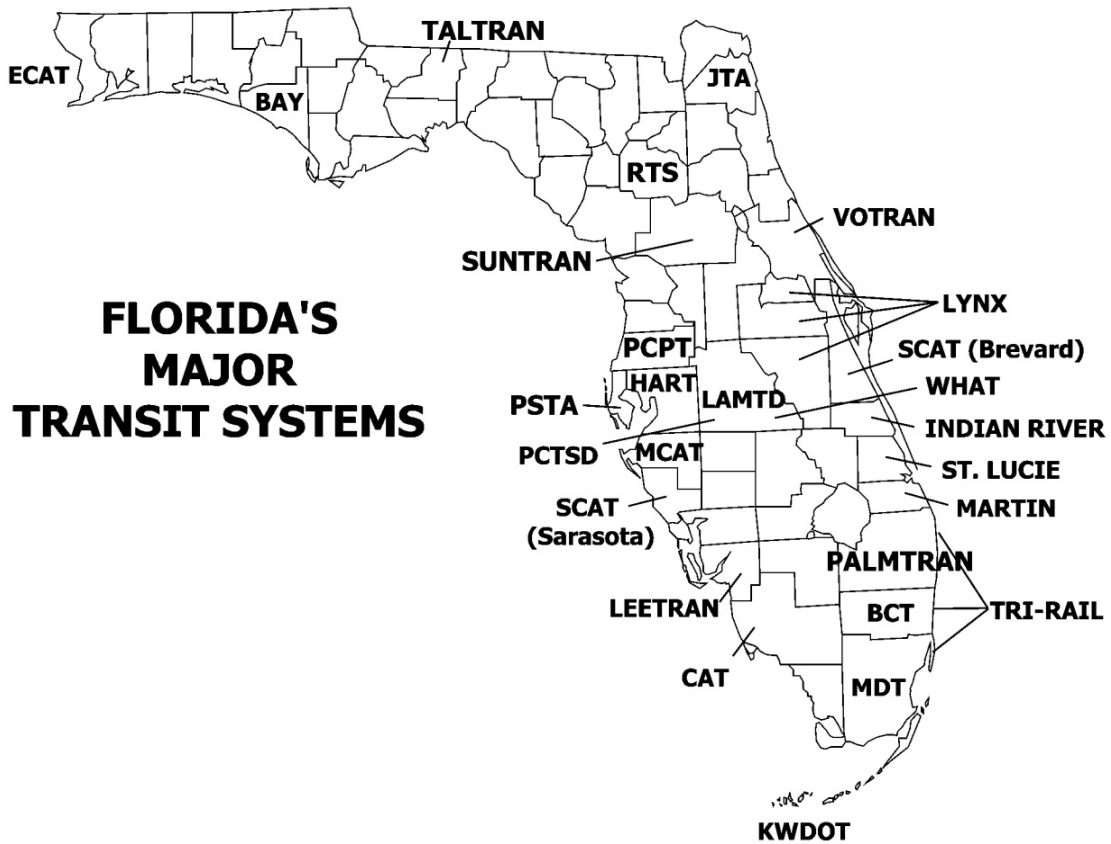
### SECTION HIGHLIGHTS

- Florida has 28 transit systems that provide fixed-route, demand-response, or some combination of these two types of service. One of the systems, Tri-County Commuter Rail Authority, provides commuter rail service in South Florida.
- In 2001, Florida's transit systems operated 4,995 transit vehicles in daily maximum service.
- Florida's transit systems provided 203.2 million passenger trips in 2001.
- Total statewide operating expenses for the Florida systems was \$667.9 million in 2001.
- In 2001, Florida transit systems average fare was \$0.80.
- There were 49 Community Transportation Coordinators (CTCs) operating in Florida during 2002. These CTCs provided 48.1 million one-way passenger trips at a cost of \$286.6 million during this year.
- Florida's school districts operated 14,364 school buses in daily service to transport students in 2001. The number of eligible students transported during this time totaled 985,701 per day.



**Table 3-29**  
**FLORIDA'S MAJOR TRANSIT OPERATORS,**  
**SYSTEM NAMES AND ABBREVIATIONS**

|                 |                                              |
|-----------------|----------------------------------------------|
| Bay             | Bay County COA-Coord. Transportation         |
| BCT             | Broward County Mass Transit Division         |
| CAT             | Collier Area Transit                         |
| ECAT            | Escambia County Area Transit                 |
| HART            | Hillsborough Area Regional Transit           |
| Indian River    | Indian River County COA/Community Coach      |
| JTA             | Jacksonville Transportation Authority        |
| KWDOT           | Key West Dept. of Transportation             |
| LAMTD           | Lakeland Area Mass Transit District          |
| LeeTran         | Lee County Transit                           |
| LYNX            | Lynx Transit (Orlando)                       |
| MCAT            | Manatee County Area Transit                  |
| -               | Martin County Council on Aging               |
| MDT             | Miami-Dade Transit Agency                    |
| OCT             | Okaloosa County Council on Aging             |
| Palm Tran       | Palm Beach County Transportation Authority   |
| PCPT            | Pasco County Public Transit                  |
| PSTA            | Pinellas Suncoast Transit Authority          |
| -               | Polk County Transportation Services Division |
| RTS             | Regional Transit System (Gainesville)        |
| SCAT (Sarasota) | Sarasota County Area Transit                 |
| SCAT (Brevard)  | Space Coast Area Transit                     |
| -               | St. Lucie Council on Aging                   |
| SunTran         | Ocala/Marion County Public Transit System    |
| TALTRAN         | Tallahassee Transit                          |
| Tri-Rail        | Tri-County Commuter Rail Authority           |
| VOTRAN          | County of Volusia (VOTRAN)                   |
| WHAT            | Winter Haven Area Transit                    |





**Table 3-30**  
**STATEWIDE FLORIDA TRANSIT SYSTEM TOTALS**

| Performance Indicators                 | 1997          | 1998          | 1999          | 2000          | 2001          |
|----------------------------------------|---------------|---------------|---------------|---------------|---------------|
| Service Area Population                | 10,916,257    | 11,326,383    | 11,640,045    | 11,685,752    | 12,119,293    |
| Passenger Trips                        | 169,782,749   | 175,776,980   | 189,542,389   | 195,701,285   | 203,215,335   |
| Revenue Miles                          | 118,404,047   | 129,540,958   | 137,687,657   | 138,799,065   | 158,226,379   |
| Revenue Hours                          | 7,949,488     | 8,571,992     | 9,287,679     | 9,502,284     | 10,804,286    |
| Total Passenger Fare Revenue           | \$135,035,219 | \$139,407,403 | \$140,758,336 | \$147,625,962 | \$163,003,819 |
| Total Operating Expense                | \$480,773,044 | \$506,682,862 | \$550,575,906 | \$584,993,743 | \$667,923,782 |
| Total Maintenance Expense              | \$109,509,890 | \$131,391,572 | \$142,918,287 | \$148,293,217 | \$166,962,223 |
| Total Capital Expense                  | \$158,882,358 | \$174,756,762 | \$139,349,984 | \$187,748,214 | \$192,977,024 |
| Total Local Revenue                    | \$390,669,307 | \$406,710,854 | \$413,555,848 | \$451,919,816 | \$500,358,567 |
| Total Employee FTEs                    | 6,603         | 6,461         | 6,897         | 7,187         | 7,677         |
| Vehicles Available for Maximum Service | 4,046         | 4,459         | 4,136         | 4,248         | 4,995         |
| Vehicles Operated in Maximum Service   | 2,790         | 3,118         | 3,218         | 3,340         | 3,955         |
| Number of Incidents                    | 1,964         | 1,955         | 2,269         | 2,303         | 2,310         |
| Number of Vehicle System Failures      | 31,911        | 28,967        | 31,198        | 35,563        | 24,891        |
| Passenger Trips Per Revenue Mile       | 1.4           | 1.4           | 1.4           | 1.4           | 1.3           |
| Operating Expense Per Passenger Trip   | 2.8           | 2.9           | 2.9           | 3.0           | 3.3           |
| Operating Expense Per Revenue Hour     | 60.5          | 59.1          | 59.3          | 61.6          | 61.8          |
| Farebox Recovery (%)                   | 28            | 28            | 26            | 25            | 24            |
| Average Fare (\$)                      | 0.80          | 0.79          | 0.74          | 0.75          | 0.80          |

Note: Systemwide aggregate includes all transit systems (fixed-route and demand-response) and all modes listed in the Florida Transit Information System for Florida for 2001 (the most recent year of data availability).

Source: Florida Transit Information System, Version 2003.



**Table 3-31**  
**STATEWIDE SUMMARY OF OPERATING STATISTICS**  
**FOR COMMUNITY TRANSPORTATION COORDINATORS**

| Operating Statistics                                 | 2000            | 2001        | 2002        | Change (%)<br>2000 - 2002 |
|------------------------------------------------------|-----------------|-------------|-------------|---------------------------|
| Number of CTCs                                       | 50              | 49          | 49          | -2.0                      |
| Number of Counties Covered                           | 67              | 67          | 67          | 0.0                       |
| Number of Transportation Operators                   | 464             | 468         | 468         | 0.9                       |
| Total Passengers (unduplicated passenger head count) | 667,914         | 654,432     | 615,091     | -7.9                      |
| Total One-Way Passenger Trips                        | 43,388,385      | 51,477,893  | 48,176,142  | 11.0                      |
| Fixed-Route Passenger Trips                          | 26,059,816      | 32,581,161  | 27,630,351  | 6.0                       |
| Stretcher Passenger Trips                            | 69,816          | 77,711      | 83,714      | 19.9                      |
| School Bus Passenger Trips                           | 556,119         | 603,566     | 519,383     | -6.6                      |
| Vehicle Miles                                        | 119,731,545     | 144,181,390 | 138,789,715 | 15.9                      |
| Revenue Miles                                        | 90,357,273      | 84,630,102  | 116,667,988 | 29.1                      |
| Operating Revenue (\$)                               | \$224.9 million | \$271.0     | \$292.8     | 30.2                      |
| Operating Expense (\$)                               | \$235.4 million | \$246.6     | \$286.6     | 21.7                      |
| Vehicles                                             | 5,378           | 5,609       | 5,859       | 8.9                       |
| Roadcalls                                            | 9,003           | 4,100       | 3,533       | -60.8                     |
| Accidents                                            | 1,164           | 1,100       | 1,018       | -12.5                     |
| Employees (Number)                                   | 8,621           | 8,162       | 9,049       | 5.0                       |

Source: Florida Commission for the Transportation Disadvantaged, *2002 Annual Performance Report*.



**Table 3-32  
BREAKDOWN OF ONE-WAY PASSENGER TRIPS BY TRIP PURPOSE**

| <b>Trip Purpose</b>   | <b>2001</b> | <b>2002</b> | <b>Change (%)</b> |
|-----------------------|-------------|-------------|-------------------|
| Medical               | 14,681,180  | 18,359,937  | 25.1              |
| Employment            | 8,257,662   | 4,876,886   | -40.9             |
| Education/Training    | 11,975,791  | 11,029,587  | -7.9              |
| Nutritional           | 2,420,633   | 7,342,518   | 203.3             |
| Life-Sustaining/Other | 14,142,626  | 6,567,214   | -53.6             |
| Total Trips           | 51,477,892  | 48,176,142  | -6.4              |

Source: Florida Commission for the Transportation Disadvantaged, *2002 Annual Performance Report*.

**Table 3-33  
PASSENGER TRIP INFORMATION BY  
PASSENGER TYPE**

| <b>Passenger Type</b>         | <b>Number of One-Way Passenger Trips</b> |
|-------------------------------|------------------------------------------|
| Elderly                       | 1,402,463                                |
| Elderly Disabled              | 7,968,349                                |
| Elderly Low Income            | 8,131,374                                |
| Elderly Disabled              | 3,413,872                                |
| Children                      | 803,790                                  |
| Children Disabled             | 3,166,051                                |
| Children Low Income           | 4,306,627                                |
| Children Disabled             | 2,048,169                                |
| Adult                         | 1,507,716                                |
| Adult Disabled                | 6,526,852                                |
| Adult Low Income              | 4,295,802                                |
| Adult Disabled                | 4,605,077                                |
| Total Trips by Passenger Type | 48,176,142                               |

Source: Florida Commission for the Transportation Disadvantaged, *2002 Annual Performance Report*.



**Table 3-34**  
**FLORIDA SCHOOL DISTRICT TRANSPORTATION PROFILES (2001)**

| District     | # Buses in Daily Service | Enrollment PreK - 12 | # of Eligible Students Transported | Average Bus Occupancy | # of Students Center-to-Center | Non-Eligible Students Transported | # of Students Hazardous Walking | # of Students w/Disabilities |
|--------------|--------------------------|----------------------|------------------------------------|-----------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------|
| Alachua      | 180                      | 29,673               | 15,120                             | 84                    | 19                             | 1,733                             | 103                             | 422                          |
| Baker        | 37                       | 4,566                | 2,467                              | 67                    | 0                              | 399                               | 0                               | 25                           |
| Bay          | 142                      | 25,752               | 10,498                             | 74                    | 17                             | 3,053                             | 0                               | 727                          |
| Bradford     | 38                       | 4,161                | 1,987                              | 52                    | 46                             | 418                               | 0                               | 246                          |
| Brevard      | 354                      | 70,590               | 26,277                             | 74                    | 139                            | 1,055                             | 899                             | 1,098                        |
| Broward      | 1,127                    | 251,080              | 69,752                             | 62                    | 56                             | 2,788                             | 1,332                           | 10,580                       |
| Calhoun      | 20                       | 2,232                | 1,104                              | 55                    | 0                              | 180                               | 0                               | 91                           |
| Charlotte    | 122                      | 17,170               | 8,271                              | 68                    | 0                              | 598                               | 558                             | 286                          |
| Citrus       | 155                      | 15,197               | 9,818                              | 63                    | 18                             | 820                               | 0                               | 610                          |
| Clay         | 180                      | 28,115               | 13,464                             | 75                    | 0                              | 1,320                             | 187                             | 561                          |
| Collier      | 233                      | 34,199               | 16,161                             | 69                    | 89                             | 1,029                             | 701                             | 2,570                        |
| Columbia     | 87                       | 9,590                | 4,773                              | 55                    | 4                              | 163                               | 0                               | 480                          |
| Dade         | 1,471                    | 368,123              | 62,992                             | 43                    | 118                            | 2,820                             | 0                               | 8,776                        |
| DeSoto       | 32                       | 4,595                | 1,936                              | 61                    | 7                              | 342                               | 81                              | 61                           |
| Dixie        | 25                       | 2,305                | 1,388                              | 56                    | 1                              | 207                               | 0                               | 161                          |
| Duval        | 928                      | 125,832              | 52,768                             | 57                    | 840                            | 160                               | 1,623                           | 2,971                        |
| Escambia     | 382                      | 45,007               | 30,347                             | 80                    | 110                            | 1,670                             | 5,293                           | 1,230                        |
| Flagler      | 58                       | 6,758                | 4,972                              | 86                    | 0                              | 460                               | 0                               | 128                          |
| Franklin     | 10                       | 1,472                | 416                                | 42                    | 0                              | 215                               | 0                               | 0                            |
| Gadsden      | 74                       | 7,582                | 5,102                              | 69                    | 14                             | 511                               | 0                               | 930                          |
| Gilchrist    | 26                       | 2,606                | 1,505                              | 58                    | 2                              | 80                                | 0                               | 13                           |
| Glades       | 8                        | 1,106                | 402                                | 50                    | 0                              | 296                               | 0                               | 1                            |
| Gulf         | 24                       | 2,262                | 1,227                              | 51                    | 0                              | 0                                 | 0                               | 144                          |
| Hamilton     | 23                       | 2,171                | 986                                | 44                    | 0                              | 290                               | 0                               | 11                           |
| Hardee       | 28                       | 4,703                | 2,518                              | 90                    | 0                              | 345                               | 0                               | 167                          |
| Hendry       | 60                       | 7,571                | 4,258                              | 72                    | 10                             | 623                               | 0                               | 55                           |
| Hernando     | 168                      | 17,216               | 11,210                             | 67                    | 57                             | 1,147                             | 0                               | 277                          |
| Highlands    | 104                      | 11,201               | 5,696                              | 55                    | 2                              | 593                               | 0                               | 217                          |
| Hillsborough | 1,018                    | 164,224              | 80,207                             | 79                    | 24                             | 5,289                             | 8,238                           | 6,775                        |
| Holmes       | 41                       | 3,588                | 2,239                              | 55                    | 0                              | 252                               | 0                               | 277                          |
| Indian River | 71                       | 14,975               | 6,299                              | 89                    | 19                             | 770                               | 401                             | 804                          |
| Jackson      | 84                       | 7,424                | 4,383                              | 52                    | 36                             | 578                               | 0                               | 487                          |
| Jefferson    | 30                       | 1,842                | 1,137                              | 39                    | 0                              | 287                               | 0                               | 221                          |

Source: *Florida School District Transportation Profiles*, Volume 11 (July 2002).



**Table 3-34 (Continued)**  
**FLORIDA SCHOOL DISTRICT TRANSPORTATION PROFILES (2001)**

| District   | # Buses in Daily Service | Enrollment PreK - 12 | # of Eligible Students Transported | Average Bus Occupancy | # of Students Center-to-Center | Non-Eligible Students Transported | # of Students Hazardous Walking | # of Students w/Disabilities |
|------------|--------------------------|----------------------|------------------------------------|-----------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------|
| Lafayette  | 14                       | 1,085                | 673                                | 48                    | 0                              | 182                               | 0                               | 29                           |
| Lake       | 200                      | 29,290               | 16,814                             | 84                    | 20                             | 392                               | 0                               | 426                          |
| Lee        | 527                      | 58,351               | 32,434                             | 62                    | 10                             | 2,753                             | 770                             | 5,612                        |
| Leon       | 166                      | 32,048               | 11,298                             | 68                    | 26                             | 805                               | 775                             | 741                          |
| Levy       | 77                       | 6,173                | 3,785                              | 49                    | 0                              | 538                               | 0                               | 107                          |
| Liberty    | 14                       | 1,221                | 724                                | 52                    | 3                              | 110                               | 0                               | 94                           |
| Madison    | 35                       | 3,471                | 1,936                              | 55                    | 0                              | 103                               | 120                             | 345                          |
| Manatee    | 163                      | 36,557               | 12,937                             | 79                    | 84                             | 271                               | 771                             | 614                          |
| Marion     | 380                      | 38,555               | 22,849                             | 60                    | 0                              | 825                               | 0                               | 776                          |
| Martin     | 78                       | 16,307               | 8,179                              | 105                   | 0                              | 0                                 | 0                               | 194                          |
| Monroe     | 56                       | 9,371                | 3,875                              | 69                    | 16                             | 652                               | 154                             | 473                          |
| Nassau     | 107                      | 10,180               | 6,191                              | 58                    | 0                              | 405                               | 0                               | 202                          |
| Okaloosa   | 207                      | 30,358               | 13,970                             | 68                    | 68                             | 3,040                             | 1,126                           | 470                          |
| Okeechobee | 58                       | 6,856                | 4,061                              | 71                    | 95                             | 829                               | 0                               | 810                          |
| Orange     | 906                      | 150,538              | 63,432                             | 70                    | 1,240                          | 2,302                             | 2,714                           | 2,500                        |
| Osceola    | 198                      | 34,553               | 16,314                             | 83                    | 95                             | 103                               | 405                             | 635                          |
| Palm Beach | 566                      | 153,853              | 59,095                             | 104                   | 47                             | 0                                 | 711                             | 1,910                        |
| Pasco      | 301                      | 49,703               | 25,461                             | 85                    | 155                            | 1,956                             | 0                               | 1,703                        |
| Pinellas   | 532                      | 113,007              | 40,383                             | 76                    | 279                            | 1,420                             | 2,048                           | 3,770                        |
| Polk       | 469                      | 79,479               | 41,403                             | 88                    | 44                             | 1,801                             | 141                             | 1,896                        |
| Putnam     | 105                      | 12,624               | 6,746                              | 64                    | 0                              | 0                                 | 0                               | 172                          |
| St. Johns  | 142                      | 20,067               | 11,704                             | 83                    | 0                              | 762                               | 409                             | 314                          |
| St. Lucie  | 313                      | 29,538               | 20,862                             | 67                    | 0                              | 398                               | 175                             | 707                          |
| Santa Rosa | 221                      | 22,633               | 12,995                             | 59                    | 16                             | 2,232                             | 574                             | 527                          |
| Sarasota   | 221                      | 35,499               | 16,241                             | 74                    | 72                             | 900                               | 82                              | 948                          |
| Seminole   | 342                      | 60,792               | 24,771                             | 73                    | 143                            | 3,436                             | 1,022                           | 5,108                        |
| Sumter     | 72                       | 6,133                | 3,712                              | 52                    | 39                             | 572                               | 205                             | 87                           |
| Suwannee   | 58                       | 5,810                | 3,356                              | 58                    | 0                              | 424                               | 0                               | 36                           |
| Taylor     | 50                       | 3,717                | 2,241                              | 45                    | 0                              | 254                               | 0                               | 48                           |
| Union      | 22                       | 2,228                | 1,274                              | 58                    | 0                              | 56                                | 0                               | 0                            |
| Volusia    | 239                      | 61,351               | 23,639                             | 99                    | 0                              | 477                               | 331                             | 4,652                        |
| Wakulla    | 63                       | 4,677                | 4,045                              | 64                    | 6                              | 142                               | 0                               | 706                          |
| Walton     | 74                       | 5,877                | 4,466                              | 61                    | 19                             | 181                               | 0                               | 25                           |
| Washington | 48                       | 3,401                | 2,155                              | 45                    | 45                             | 397                               | 0                               | 13                           |
| Total      | 14,364                   | 2,430,191            | 985,701                            | --                    | 4,150                          | 59,209                            | 31,949                          | 78,052                       |

Source: *Florida School District Transportation Profiles*, Volume 11 (July 2002).



**Table 3-34 (Continued)**  
**FLORIDA SCHOOL DISTRICT TRANSPORTATION PROFILES (2001)**

| District     | Purchase of Buses (\$) | Total Salaries and Benefits (\$) | Total Transportation Expenditure Per Student (\$) | Total Transportation Operating Expenditure (\$) | Total Annual Miles (includes field and activity trips) |
|--------------|------------------------|----------------------------------|---------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Alachua      | 2,509,296              | 6,400,507                        | 677                                               | 7,970,595                                       | 291,921                                                |
| Baker        | 278,443                | 1,048,118                        | 656                                               | 1,345,936                                       | 51,937                                                 |
| Bay          | 420,923                | 3,938,666                        | 610                                               | 6,043,769                                       | 25,000                                                 |
| Bradford     | 242,763                | 920,770                          | 661                                               | 1,104,636                                       | 90,377                                                 |
| Brevard      | 2,074,145              | 10,664,061                       | 566                                               | 12,960,001                                      | 146,281                                                |
| Broward      | 5,968,413              | 58,936,837                       | 1,007                                             | 66,672,922                                      | 393,716                                                |
| Calhoun      | 118,586                | 420,380                          | 655                                               | 606,411                                         | 33,213                                                 |
| Charlotte    | 881                    | 3,612,033                        | 566                                               | 4,732,531                                       | 130,135                                                |
| Citrus       | 613,366                | 3,527,358                        | 551                                               | 4,833,721                                       | 106,745                                                |
| Clay         | 1,170,702              | 6,364,661                        | 654                                               | 7,670,586                                       | 158,994                                                |
| Collier      | 1,734,779              | 9,545,279                        | 829                                               | 12,086,254                                      | 281,901                                                |
| Columbia     | 370,904                | 2,619,243                        | 745                                               | 3,205,208                                       | 96,393                                                 |
| Dade         | 9,274,851              | 64,134,680                       | 1,282                                             | 79,234,204                                      | 436,572                                                |
| DeSoto       | 145,960                | 1,042,066                        | 777                                               | 1,379,347                                       | 32,832                                                 |
| Dixie        | 98,000                 | 614,869                          | 663                                               | 824,215                                         | 22,982                                                 |
| Duval        | 0                      | 1,476,764                        | 695                                               | 39,127,921                                      | 891,712                                                |
| Escambia     | 65,383                 | 13,022,743                       | 602                                               | 16,270,543                                      | 65,383                                                 |
| Flagler      | 583,584                | 1,708,978                        | 585                                               | 2,349,483                                       | 194,574                                                |
| Franklin     | 242,432                | 244,994                          | 1,433                                             | 380,509                                         | 33,397                                                 |
| Gadsden      | 674,182                | 1,958,680                        | 632                                               | 2,579,007                                       | 71,434                                                 |
| Gilchrist    | 0                      | 604,458                          | 517                                               | 783,628                                         | 329,557                                                |
| Glades       | 197,986                | 231,180                          | 1,282                                             | 318,693                                         | 175,276                                                |
| Gulf         | 120,626                | 608,547                          | 718                                               | 764,781                                         | 62,855                                                 |
| Hamilton     | 107,029                | 454,188                          | 706                                               | 595,801                                         | 30,220                                                 |
| Hardee       | 142,230                | 1,088,409                        | 590                                               | 1,344,707                                       | 83,471                                                 |
| Hendry       | 205,286                | 1,660,349                        | 549                                               | 2,154,601                                       | 98,500                                                 |
| Hernando     | 527,829                | 4,674,971                        | 589                                               | 6,129,643                                       | 260,903                                                |
| Highlands    | 802,229                | 2,922,114                        | 781                                               | 3,668,353                                       | 68,513                                                 |
| Hillsborough | 1,653,936              | 37,790,013                       | 585                                               | 46,236,025                                      | 613,264                                                |
| Holmes       | 265,338                | 693,833                          | 540                                               | 943,725                                         | 31,488                                                 |
| Indian River | 261,492                | 2,325,151                        | 525                                               | 3,084,376                                       | 165,094                                                |
| Jackson      | 143,388                | 1,653,509                        | 523                                               | 2,160,557                                       | 122,670                                                |
| Jefferson    | 113,771                | 678,993                          | 899                                               | 915,093                                         | 67,784                                                 |

Source: *Florida School District Transportation Profiles*, Volume 11 (June 2002).



**Table 3-34 (Continued)**  
**FLORIDA SCHOOL DISTRICT TRANSPORTATION PROFILES (2001)**

| District   | Purchase of Buses (\$) | Total Salaries and Benefits (\$) | Total Transportation Expenditure Per Student (\$) | Total Transportation Operating Expenditure (\$) | Total Annual Miles (includes field and activity trips) |
|------------|------------------------|----------------------------------|---------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Lafayette  | 128,856                | 317,729                          | 776                                               | 397,018                                         | 22,988                                                 |
| Lake       | 1,216,355              | 5,554,547                        | 540                                               | 7,883,782                                       | 167,009                                                |
| Lee        | 3,064,799              | 18,455,829                       | 772                                               | 22,080,888                                      | 175,987                                                |
| Leon       | 829,141                | 6,013,670                        | 735                                               | 7,729,442                                       | 93,058                                                 |
| Levy       | 414,443                | 2,091,052                        | 803                                               | 2,630,589                                       | 70,460                                                 |
| Liberty    | 0                      | 290,045                          | 549                                               | 403,063                                         | 28,717                                                 |
| Madison    | 214,924                | 807,766                          | 700                                               | 1,161,828                                       | 70,321                                                 |
| Manatee    | 1,289,328              | 7,618,078                        | 793                                               | 9,312,019                                       | 101,476                                                |
| Marion     | 1,699,692              | 11,997,849                       | 718                                               | 14,969,616                                      | 181,040                                                |
| Martin     | 223,692                | 1,474,993                        | 563                                               | 4,535,993                                       | 600,000                                                |
| Monroe     | 297,829                | 2,413,174                        | 882                                               | 3,190,453                                       | 159,662                                                |
| Nassau     | 250,238                | 2,446,729                        | 528                                               | 3,035,173                                       | 88,499                                                 |
| Okaloosa   | 978,318                | 5,799,483                        | 536                                               | 6,585,633                                       | 187,525                                                |
| Okeechobee | 282,264                | 1,320,047                        | 509                                               | 1,839,443                                       | 43,021                                                 |
| Orange     | 8,513,546              | 36,198,325                       | 751                                               | 40,736,303                                      | 929,675                                                |
| Osceola    | 835,321                | 6,708,045                        | 533                                               | 7,950,655                                       | 39,527                                                 |
| Palm Beach | 4,710,873              | 24,808,722                       | 555                                               | 29,552,802                                      | 730,250                                                |
| Pasco      | 1,879,107              | 10,952,441                       | 581                                               | 13,356,634                                      | 155,518                                                |
| Pinellas   | 6,538,391              | 21,880,192                       | 754                                               | 24,696,977                                      | 307,398                                                |
| Polk       | 2,713,575              | 13,471,979                       | 497                                               | 18,001,323                                      | 266,963                                                |
| Putnam     | 478,136                | 2,570,758                        | 596                                               | 3,563,650                                       | 119,484                                                |
| Santa Rosa | 0                      | 3,944,082                        | 697                                               | 9,074,022                                       | 173,651                                                |
| Sarasota   | 1,677,975              | 9,173,876                        | 769                                               | 10,886,424                                      | 96,000                                                 |
| Seminole   | 1,148,579              | 13,434,546                       | 674                                               | 15,784,094                                      | 300,175                                                |
| St. Johns  | 844,739                | 4,351,978                        | 537                                               | 5,467,060                                       | 198,283                                                |
| St. Lucie  | 935,137                | 9,546,730                        | 615                                               | 11,905,371                                      | 262,689                                                |
| Sumter     | 191,976                | 1,301,441                        | 496                                               | 1,680,756                                       | 56,896                                                 |
| Suwannee   | 0                      | 1,538,607                        | 586                                               | 1,969,012                                       | 75,401                                                 |
| Taylor     | 672,196                | 1,177,558                        | 929                                               | 1,459,319                                       | 80,796                                                 |
| Union      | 0                      | 419,855                          | 503                                               | 644,186                                         | 83,165                                                 |
| Volusia    | 1,499,792              | 9,227,905                        | 548                                               | 11,477,529                                      | 461,065                                                |
| Wakulla    | 304,736                | 1,374,566                        | 535                                               | 1,899,374                                       | 100,978                                                |
| Walton     | 381,114                | 1,502,353                        | 508                                               | 1,901,071                                       | 113,770                                                |
| Washington | 532,714                | 1,036,209                        | 884                                               | 1,418,462                                       | 56,500                                                 |
| Total      | 75,876,519             | 488,808,561                      | 45,602                                            | 639,657,746                                     | 12,263,041                                             |

Source: *Florida School District Transportation Profiles*, Volume 11 (July 2002).



**Table 3-35  
FLORIDA GREYHOUND BUS AGENCIES**

|                    |                                 |                           |
|--------------------|---------------------------------|---------------------------|
| Alachua            | Havana (B)                      | New Smyrna Beach          |
| Arcadia            | Hilliard                        | Ocala                     |
| Avon Park          | Hollywood                       | Okeechobee (B)            |
| Bartow             | Homestead                       | Orlando                   |
| Belle Glade        | Immokalee                       | Palatka (B)               |
| Bellevue           | Indiantown (B)                  | Palm Coast (B)            |
| Big Coppitt (B)    | Islamorada                      | Panama City               |
| Big Pine Key       | Jacksonville                    | Panama City Beach (B)     |
| Blountstown        | Jacksonville Airport (B)        | Pensacola                 |
| Boca Chica (B)     | Jacksonville North              | Perry                     |
| Bonifay (B)        | Jacksonville West               | Plant City                |
| Bonita Springs     | Jupiter                         | Pompano Beach             |
| Boynton Beach      | Key Largo                       | Ponce De Leon (B)         |
| Bradenton          | Key West                        | Port Charlotte            |
| Brandon            | Key West (Simonton & Virgi) (B) | Punta Gorda Pilot Station |
| Brooksville        | Kissimmee                       | Quincy                    |
| Caryville (B)      | La Belle                        | Ramrod Key (B)            |
| Chattahoochee (B)  | Lake Alfred (B)                 | Ruskin                    |
| Chiefland          | Lake City                       | Sanford                   |
| Chipley            | Lake Wales                      | Sarasota                  |
| Clearwater         | Lake Worth                      | Sebastian (B)             |
| Clewiston          | Lakeland                        | Sebring                   |
| Cocoa              | Layton (B)                      | Spring Hill               |
| Cottdale (B)       | Leesburg                        | St Augustine              |
| Crestview          | Lehigh Acres (B)                | St Cloud                  |
| Cross City (B)     | Live Oak                        | St Petersburg             |
| Crystal River      | Madison                         | Starke                    |
| Cudjoe Key (B)     | Marathon                        | Stuart                    |
| Cypress Garden (B) | Marathon Airport (B)            | Sugar Loaf Shores (B)     |
| Dade City          | Marianna                        | Tallahassee               |
| Davenport (B)      | Melbourne                       | Tampa                     |
| Daytona Beach      | Miami                           | Tavernier (B)             |
| Defuniak Springs   | Miami Amtrak (B)                | Titusville                |
| Deland             | Miami Airport (B)               | Venice (B)                |
| Delray Beach       | Miami Downtown                  | Vero Beach                |
| Frostproof         | Miami North                     | Waldo (B)                 |
| Ft Lauderdale      | Miami South                     | Wachulla                  |
| Ft Meade           | Milton                          | West Palm Beach           |
| Ft Myers           | Monticello                      | Winter Haven              |
| Ft Pierce          | Mt Pleasant (B)                 | Yeehaw Jct (B)            |
| Ft Walton Beach    | Naples                          | Youngstown                |
| Gainesville        | Navarre (B)                     |                           |
| Haines City        | New Port Richey                 |                           |

(B) Indicates Limited Service Bus Stops

Source: [www.greyhound.com](http://www.greyhound.com)





# *Rail*





### SECTION HIGHLIGHTS

- The Florida rail system is comprised of 13 line-haul railroads and 4 terminal or switching companies. The line haul carries range in size from fairly small intrastate railroads to members of large rail systems extending from Florida to the Pacific Coast and into Canada.
- In 2001, the Florida rail system operated 2,871 miles of railroad.
- There were 44 derailments in 2001. Of these, 20 were due to track problems, 13 were due to improper operating practices, 5 were due to equipment failures, and 6 were due to other reasons.
- Florida rail carriers transported 119.9 million tons of freight in 1972. In 2001, the amount of freight transported increased to 157.8 million tons.
- More than 50 percent of the total freight transported in Florida in 2001 was nonmetallic minerals (excluding fuels).
- According to Amtrak's 2003 Timetable, the passenger rail service serves 41 destinations.



**Table 3-36  
FLORIDA RAILROADS**

| Railroad                                 | Miles of Railroad<br>Operated in Florida |                    | Percent of Florida Rail System<br>Owned/Leased |
|------------------------------------------|------------------------------------------|--------------------|------------------------------------------------|
|                                          | Owned/<br>Leased                         | Trackage<br>Rights |                                                |
| Alabama and Gulf Coast                   | 44                                       | -                  | 1.5                                            |
| Apalachicola Northern                    | 96                                       | -                  | 3.4                                            |
| Bay Line                                 | 63                                       | -                  | 2.2                                            |
| CSX Transportation <sup>1</sup>          | 1,616                                    | 130                | 56.3                                           |
| Florida Central                          | 66                                       | 10                 | 2.3                                            |
| Florida East Coast                       | 386                                      | -                  | 13.5                                           |
| Florida Midland                          | 27                                       | -                  | 0.9                                            |
| Florida Northern                         | 27                                       | -                  | 0.9                                            |
| Florida West Coast                       | 14                                       | -                  | 0.5                                            |
| Georgia and Florida Railnet              | 48                                       | -                  | 1.7                                            |
| Norfolk Southern                         | 96                                       | 53                 | 3.3                                            |
| Seminole Gulf                            | 119                                      | -                  | 4.2                                            |
| South Central Florida Express            | 158                                      | -                  | 5.5                                            |
| South Florida Rail Corridor <sup>2</sup> | 81                                       | -                  | 2.8                                            |
| Terminal Companies                       | 30                                       | -                  | 1.0                                            |
| Totals                                   | 2,871                                    | 193                | 100.0                                          |

<sup>1</sup> Amtrak also operates in Florida but does not own any trackage in the state. It operates over CSXT main tracks from Georgia to Jacksonville and from Jacksonville to Tampa and Miami. Total includes the 81-mile Southeast Florida Rail Corridor owned by the State of Florida, but maintained and dispatched by CSXT on behalf of the state for its own freight, Amtrak services, and Tri-Rail commuter services.

<sup>2</sup> Not an operating carrier.

Source: Florida Department of Transportation Rail Office, *2002 Florida Rail System Plan*.



**Table 3-37**  
**ADOPTED WORK PROGRAM-RAIL, INTERMODAL**  
**AND SEAPORT DEVELOPMENT FUNDING**  
**(Fiscal Year 2002/03 - 2006/2007, millions of \$)**

| Type of Funds                       | FY 02/03     | FY 03/04     | FY 04/05     | FY 05/06    | FY 06/07     | 5YR Total    |
|-------------------------------------|--------------|--------------|--------------|-------------|--------------|--------------|
| Passenger Service Development       | 122.4        | 47.7         | 52.4         | 87.5        | 94.5         | 404.5        |
| Fixed Guideway                      | 20.6         | 4.9          | 5.0          | 5.0         | 5.0          | 40.4         |
| Rail Branch Rehab.                  | 3.3          | 0.6          | 0.6          | 0.6         | 0.6          | 5.7          |
| <b>Total Rail</b>                   | <b>146.3</b> | <b>53.2</b>  | <b>58.0</b>  | <b>93.1</b> | <b>100.0</b> | <b>450.6</b> |
| <b>Total Intermodal Development</b> | <b>643.0</b> | <b>115.2</b> | <b>107.3</b> | <b>36.1</b> | <b>33.7</b>  | <b>935.2</b> |
| <b>Seaport Development</b>          | <b>35.8</b>  | <b>35.0</b>  | <b>35.0</b>  | <b>35.0</b> | <b>35.0</b>  | <b>175.8</b> |

Source: Florida Department of Transportation Rail Office.

**Table 3-38**  
**REASON FOR DERAILMENT**

| Year | Total Derailments | Track | Equipment | Operating Practices | Other |
|------|-------------------|-------|-----------|---------------------|-------|
| 1984 | 30                | 7     | 2         | 18                  | 3     |
| 1985 | 39                | 11    | 5         | 19                  | 4     |
| 1986 | 31                | 12    | 6         | 6                   | 7     |
| 1987 | 34                | 13    | 3         | 15                  | 3     |
| 1988 | 47                | 20    | 3         | 17                  | 7     |
| 1989 | 45                | 23    | 9         | 7                   | 6     |
| 1990 | 40                | 17    | 10        | 9                   | 4     |
| 1991 | 36                | 18    | 6         | 9                   | 3     |
| 1992 | 23                | 17    | 1         | 3                   | 2     |
| 1993 | 25                | 16    | 0         | 4                   | 5     |
| 1994 | 15                | 6     | 0         | 4                   | 5     |
| 1995 | 40                | 16    | 1         | 18                  | 5     |
| 1996 | 36                | 18    | 0         | 13                  | 5     |
| 1997 | 30                | 9     | 3         | 11                  | 7     |
| 1998 | 47                | 23    | 3         | 16                  | 4     |
| 1999 | 52                | 30    | 3         | 14                  | 5     |
| 2000 | 65                | 29    | 4         | 23                  | 9     |
| 2001 | 44                | 20    | 5         | 13                  | 6     |

Source: Florida Department of Transportation Rail Office, *2002 Florida Rail System Plan*.



**Table 3-39  
FLORIDA RAIL FREIGHT TRAFFIC  
HISTORY TONNAGE (000 tons)**

| Year | Originating | Terminating | Total   |
|------|-------------|-------------|---------|
| 1972 | 57,038      | 62,830      | 119,868 |
| 1975 | 57,581      | 63,227      | 120,808 |
| 1979 | 75,032      | 87,101      | 162,133 |
| 1982 | 55,912      | 68,717      | 124,629 |
| 1986 | 60,196      | 78,305      | 138,501 |
| 1990 | 65,933      | 89,573      | 155,506 |
| 1991 | 59,915      | 83,587      | 143,502 |
| 1992 | 59,116      | 83,454      | 142,570 |
| 1993 | 58,859      | 82,616      | 141,475 |
| 1994 | 64,478      | 91,750      | 156,228 |
| 1995 | 68,514      | 97,228      | 165,742 |
| 1996 | 71,707      | 102,243     | 173,950 |
| 1997 | 71,337      | 101,608     | 172,945 |
| 1998 | 75,634      | 106,640     | 182,274 |
| 1999 | 68,979      | 99,790      | 168,769 |
| 2000 | 68,741      | 98,041      | 166,782 |
| 2001 | 64,417      | 93,408      | 157,825 |

Source: Florida Department of Transportation Rail Office, *2002 Florida Rail System Plan*.



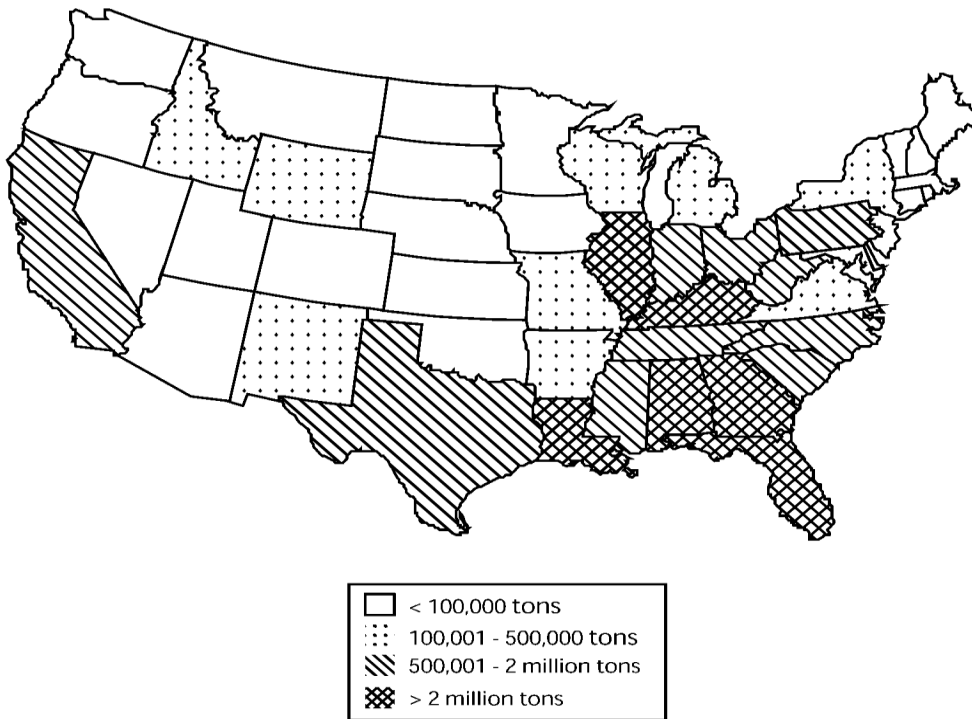
**Table 3-40**  
**FLORIDA RAIL FREIGHT TRAFFIC TONNAGE BY COMMODITY (000 tons)**

| Standard Transport Commodity | Commodity Description                     | Originated    | Terminated    | Totals         | Percent of Total |
|------------------------------|-------------------------------------------|---------------|---------------|----------------|------------------|
| 11                           | Coal                                      | 0             | 15,992        | 15,992         | 10.1             |
| 14                           | Nonmetallic Minerals (except Fuels)       | 38,952        | 42,453        | 81,405         | 51.6             |
| 20                           | Food or Kindred Products                  | 2,695         | 4,205         | 6,900          | 4.4              |
| 24                           | Lumber or Wood Products; Except Furniture | 585           | 2,495         | 3,080          | 2                |
| 26                           | Pulp, Paper, or Allied products           | 1,768         | 1,515         | 3,283          | 2.1              |
| 28                           | Chemicals or Allied Products              | 10,805        | 8,020         | 18,825         | 11.9             |
| 32                           | Clay, Concrete, Glass, or Stone Products  | 1,200         | 2,219         | 3,419          | 2.2              |
| 46                           | Miscellaneous Mixed Shipments             | 2,776         | 5,018         | 7,794          | 4.9              |
| 49                           | Hazardous Materials                       | 1,806         | 3,795         | 5,601          | 3.5              |
| All Others <sup>1</sup>      |                                           | 3,830         | 7,696         | 11,526         | 7.3              |
| Totals                       |                                           | <b>64,417</b> | <b>93,408</b> | <b>157,825</b> | <b>100</b>       |

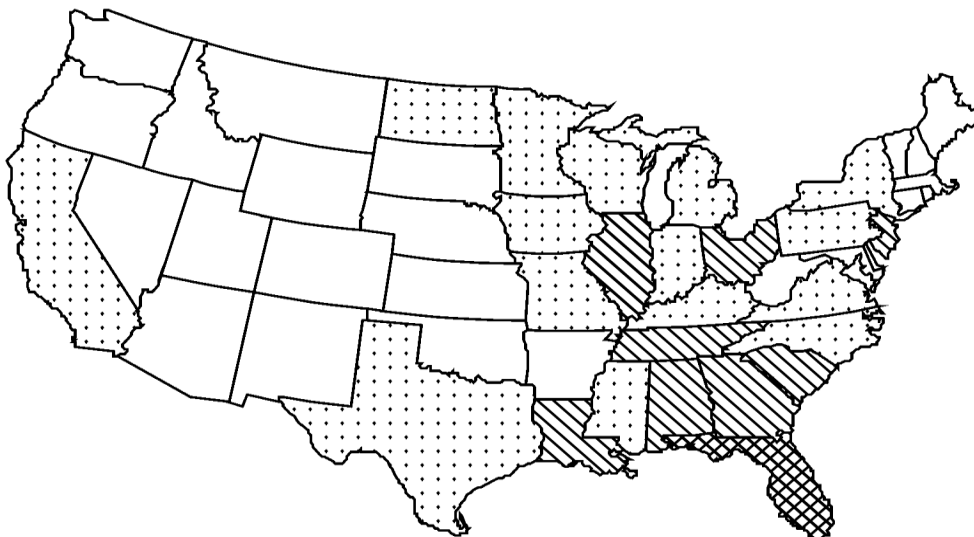
<sup>1</sup> Includes all commodities comprising less than 2 percent of total.

Source: Florida Department of Transportation Rail Office, *2002 Florida Rail System Plan*.

**Figure 3-1  
ORIGIN OF RAIL FREIGHT TONNAGE  
TERMINATING IN FLORIDA**



**Figure 3-2  
TERMINATION OF RAIL FREIGHT TONNAGE  
ORIGINATING IN FLORIDA**



Source: Florida Department of Transportation Rail Office, 2002 Florida Rail System Plan.



**Table 3-41**  
**FLORIDA CITIES SERVED BY AMTRAK**  
**PASSENGER RAIL (2003)**

|                          |                                     |
|--------------------------|-------------------------------------|
| Bradenton, FL BDT        | Miami, FL MIA                       |
| Chipley, FL CIP          | Miami International Airport, FL MII |
| Crestview, FL CSV        | Ocala, FL OCA                       |
| Dade City, FL DDE        | Okeechobee, FL OKE                  |
| Daytona Beach, FL DYA    | Orlando, FL ORL                     |
| Deerfield Beach, FL DFB  | Palatka, FL PAK                     |
| Deland, FL DLD           | Pensacola, FL PNS                   |
| Delray Beach, FL DLB     | Port Charlotte, FL PCH              |
| Fort Lauderdale, FL FTL  | Sanford (Auto Train Only), FL SFA   |
| Fort Myers, FL FTM       | Sanford (Regular Trains), FL SFD    |
| Hollywood, FL HOL        | Sarasota, FL SRA                    |
| Homestead, FL HMF        | Sebring, FL SBG                     |
| Islamorada, FL ISL       | St. Petersburg, FL STP              |
| Jacksonville, FL JAX     | Tallahassee, FL TLH                 |
| Key Largo, FL KYL        | Tampa, FL TPA                       |
| Key West-Airport, FL KWA | Waldo, FL WDO                       |
| Kissimmee, FL KIS        | West Palm Beach, FL WPB             |
| Lake City, FL LEC        | Wildwood, FL WWD                    |
| Lakeland, FL LAK         | Winter Haven, FL WTH                |
| Madison, FL MDO          | Winter Park, FL WPK                 |
| Marathon, FL MTH         |                                     |

Source: <http://www.amtrak.com>.





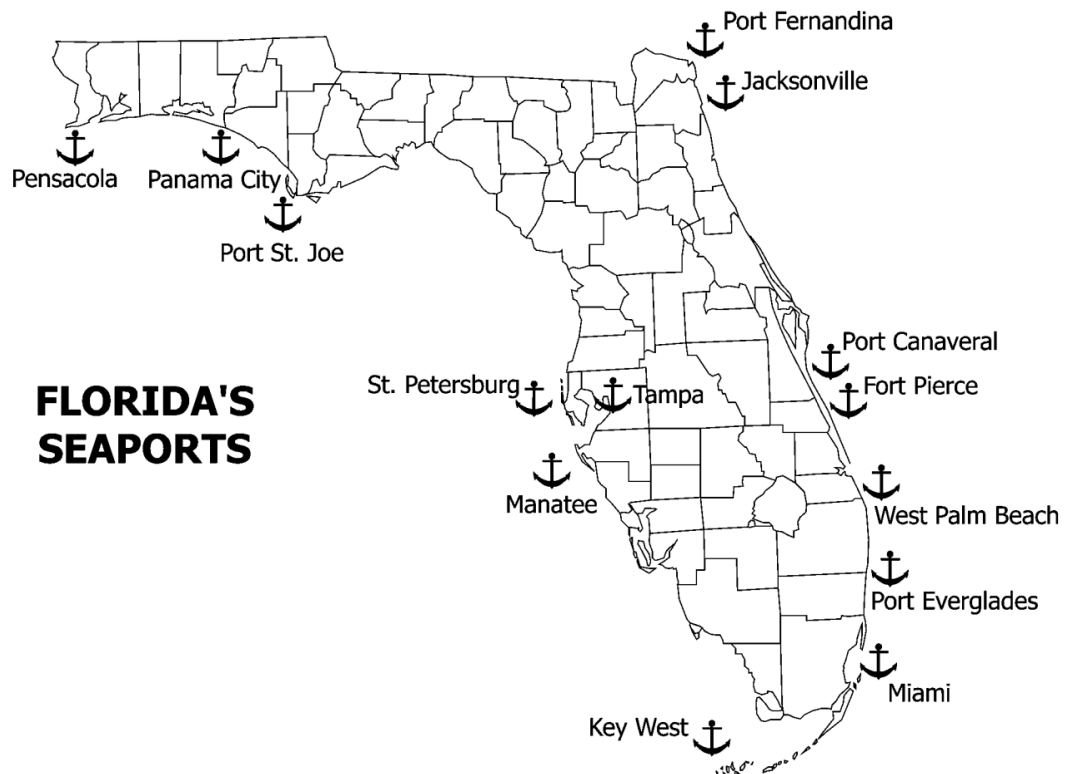
# *Seaports*





## SECTION HIGHLIGHTS

- Florida has 14 seaports; 8 of the ports are located on the South Atlantic Coast and 6 are located along the Gulf Coast.
- The top three trading partners with Florida for 2000 were Brazil (\$10.2 billion in total trade value), Dominican Republic (\$5.0 billion), and Japan (\$4.5 billion).
- In 2000, 4 of the top 20 U.S. ports in terms of container traffic are located in Florida: the Port of Miami (12<sup>TH</sup>), Port Jacksonville (13<sup>TH</sup>), Port of Everglades (14<sup>TH</sup>), and Port of Palm Beach (19<sup>TH</sup>).
- The top three Florida import commodities in 2000 were vehicles, knit apparel, and woven apparel.
- In 2000, the top three Florida exports were machinery, electrical machinery, and knit apparel.
- □ Florida's waterborne trade for the 2001 fiscal year totaled 111.3 million tons. Of this total, 33.7 million tons were imports, 22.6 million tons were exports, and 55 million tons were domestic trade.
- Waterborne foreign trade for Florida in 2002 totaled \$45 billion, \$18.2 billion were imports and \$26.8 billion were exports.
- More than 13.1 million passenger embarkments and disembarkments occurred at Florida's cruise ports in 2001.



**FLORIDA'S  
SEAPORTS**



## **The South Atlantic Coast Ports**

### **Port of Fernandina**

The Port of Fernandina provides terminal service to over 15 pulp and paper mills located throughout Florida and the southeast. Fernandina also supports a number of independent container liners serving Venezuela, Colombia, Brazil, Ecuador, the Dominican Republic, Haiti, Jamaica, and Bermuda. Its sphere of influence spans all over the southeastern United States including Atlanta, New Orleans, and Houston. The Port's principal cargos include exports of forest products including kraft linerboard wood pulp and treated lumber. Other main cargos include containerized goods such as wood pulp, automobile parts, beer, frozen foods, machinery, and consumer goods. The mission statement for the port states, "The Ocean and Highway and Port Authority was created in 1941 and authorized to carry out public purposes of benefit to the citizens of the County of Nassau and the State of Florida. (Ch. 21418, Sp. Acts 1941)." The port lists promoting economic development, creating employment opportunities in Nassau County, revitalizing and maintaining deepwater seaport activities, and supporting local industries by providing port facilities as its major goals and objectives. Capital improvements needed to achieve the port's mission include expanding warehouse space, expanding rail siding to service intermodal traffic, and developing bulk import facilities. Its environmental initiatives are a two-year manatee monitoring study, participating with the New England Aquarium in a right whale monitoring program, near-shore disposal for beach renourishment, and the creation of five acres of saltwater marsh. The port has recently instituted a new monthly service of imported lumber from Europe, increased warehouse capacity by approximately 30 percent, and made notable progress on Dade Street access improvements and new gate configuration.

### **Port of Jacksonville**

The Port of Jacksonville includes many private terminals along the St. Johns River plus the three public terminals controlled by the Jacksonville Port Authority, otherwise known as JAXPORT. The private facilities include multiple dry and liquid bulk terminals, shipyards, and U.S. Navy and Marine Corps installations. JAXPORT facilities serve as a southeastern hub for the intermodal movement of commodities on the world market. Well known as a leading importer of automobiles and other vehicles, the Port also ranks among the top container ports in the nation and dominates trade with Puerto Rico. JAXPORT is also developing a new marine terminal on a 460-acre "greenfield" site on Dames Point, currently preparing over 45 acres to handle expanded bulk and breakbulk cargo opportunities. Jacksonville continues to be an important military outload port for the rapid deployment of supplies for U.S. military operations throughout the world. The Ports sphere of influence reaches throughout the state of Florida and the Southeastern United States as well as major portions of the Midwest. The vision of the Port "is to be the major diversified international transportation center of the Southeastern United States." The major goals and objectives for the Port of Jacksonville are to continue to expand Port facilities and improve existing infrastructure through major capital initiatives. This is to be accomplished by further developing JAXPORT's newest terminal for intermodal, bulk, and breakbulk business; intensifying international marketing efforts and diversifying trade lanes and cargos; establishing a common-use terminal and Freeport connection as a means of market diversification; working with FDOT to improve a modern transportation connector system linking Jacksonville to an interstate road network; and attracting a major cruise line to homeport a cruise ship in Jacksonville. To achieve these goals, the Port lists needs to make the following capital improvements: intermodal highway connections, channel dredging to 40 plus 1 feet, and funding assistance for capital projects. Environmental initiatives include participation on the Northern Right Whale Monitoring Team and a continuing role in public acquisition and enhancement of an environmentally sensitive nature island in the Intercostal Waterway (part of the wetland mitigation effort). The Port has experienced over a 50 percent increase in marine cargo volume since 1990, is the second busiest vehicle-handling port in the country, has implemented a \$190 million port development and expansion plan, and is in the progress of deepening 14.7 miles of St. Johns River's main shipping channel from 38 to 41 feet. On October 1, 2001, JAXPORT was restructured into two agencies, the Jacksonville Aviation Authority and the Jacksonville Seaport Authority.

### **Port Canaveral**

Located on mid-Florida's Atlantic coast, adjacent to the Kennedy Space Center and Orlando attractions, Port Canaveral serves both cargo and cruise markets. In FY 2000, Port Canaveral handled 3.8 million revenue cruise passengers on one-, three-, four-, and seven-day cruises to the Bahamas and the Caribbean. To date, the Port has invested \$100 million in its six major cruise terminals, designed and custom-built to accommodate the world's fleet of megacruise ships. The Port has room for three more terminals, including a facility to homeport the America World City, if it is built. Port Canaveral and its Foreign Trade Zone 136 serve as a unique quadramodal transportation hub, linking sea, land, air and space transportation modes. Primary cargoes served by 10 berths and a new 6-acre container yard include citrus, meat products, limber, scrap steel, petroleum products, newsprint, gypsum, salt, cement, and rock. In addition to its maritime operations, Port Canaveral has created a state-of-the-art maritime fire training facility for the ships' crews and developed award-winning environmental programs. Port property also is utilized for public/private commercial and recreational facilities for access by the local community and tourists to the area. Port Canaveral's sphere of influence includes all of Central Florida and because of its involvement in the cruise industry Europe, the Bahamas, the Caribbean, and both Central and South America. The mission of the Port is "serving the economic and social needs of the District and the region by providing low-cost transportation benefits; creating a stable, meaningful and permanent employment base; promoting and accommodating major marine-associated industries, facilities and services for the military and space organizations; promoting the District's and region's economic growth; and enhancing local and regional recreational facilities and opportunities." The major goals and objectives of the Port are to construct and expand port facilities and infrastructure in an orderly manner to meet the growth needs of the District, the cruise/tourist industry, the cargo transport industry, the Foreign Trade Zone and supporting marine commercial/industrial groups, the fishing industry, the military establishment, and the space industry as well as the recreational demands of the community. To achieve these objectives, the Port needs to construct a cruise terminal, expand and deepen the Cargo berth, restore land, expand warehouse and cold storage, improve roads, and expand the container yard. The Port is involved in sand bypass and beach restoration, educational programs about threatened/endangered species, and right whale protection. Recently, it has seen 10 percent increase in cargo tonnage and a record number of cruise ship calls and



cruise passenger trips, and has received the American Association of Port Authorities annual Award of Excellence for the Port's advertising campaign.

#### **Port of Fort Pierce**

St. Lucie County and the City of Fort Pierce are exploring their strategic options for the Port by implementing a planning process to determine how best to use land designated for Port operations while satisfying the local community's expressed preferences. The County is working with the FAU/FIU Center for Environmental & Urban Problems to update the Port Master Plan, while the City is preparing a business plan and comprehensive plan update. The land designated for Port development is now owned by an entity planning to import fruit and vegetables from the Bahamas, using the southern 20 acres of Port property for their maritime operations. Private users of the Port continue to move bulk products at their facilities. The Port of Fort Pierce's sphere of influence reaches St. Lucie, Indian River, Okeechobee, Highlands, Hendry, Glades, and Martin Counties. The Port's mission is to "broaden and strengthen the economic base of the regional community by providing adequate infrastructure and development processes for mixed-use Port development." The major goals and objectives of the Port are to acquire land for port use; provide infrastructure for land to be developed for mixed marine recreation, marine commercial, and marine industrial use; and to update the Port Master Plan. To achieve these goals, the following capital improvements are necessary: land acquisition, road improvements, and infrastructure construction. Recently, the Port completed a feasibility study for the north entrance to the Port; designed the Taylor Creek restoration project; and formed and implemented a Port Security Committee.

#### **Port of Palm Beach**

The Port of Palm Beach is a full service, landlord, public port that provides services through its private sector partners in South Florida and is responsible for facilitating economic development within Palm Beach County and the region. It is estimated that between 3,000 and 4,000 jobs are directly associated with Port of Palm Beach activities. Port services include container, dry bulk, liquid bulk, break bulk, and roll-on/roll-off cargo-handling capabilities. Additionally, the Port provides Foreign Trade Zone and intermodal opportunities to its customers and users. Single-day cruises complement other Port operations. Currently, the Port handles about 4 million tons of cargo annually. The major goals and objectives are to develop adequate, modern and efficient port facilities, cost effective port operations, and effective trade promotion activities. The Port of Palm Beach has a sphere of influence that reaches not only throughout the state but also to three continents. Recently, the Port completed a Skypass and preparation of an intermodal plan.

#### **Port Everglades**

Port Everglades ranks as one of the nation's leading container and cruise ports. Its diversified cargo includes bulk, breakbulk, container, rolling stock, vehicles, and equipment. Port Everglades is a designated point of entry for coffees and is the second largest East Coast non-refinery center for petroleum products. Among the Port's primary goals and objectives are to consistently maintain, develop, expand and modify the Port to meet service area needs, strengthen Broward County's economy, and enhance the region's multi-modal transportation network. The Port aims to assure the development of an integrated and balanced regional transportation system. In addition, the Port would like to provide new container, bulk and breakbulk facilities, including an intermodal container facility; expand cruise operations and construct new facilities for a greater market share; expand Foreign Trade Zone operations; expand role as a transshipment center for the Southeastern U.S., Caribbean and Latin American markets; improve intermodal connections to guarantee competitive road and rail service; pursue new trading opportunities and strengthen existing ties; and maximize the advantage of the Coffee Exchange Destination.

#### **Port of Miami**

Known as the Cruise Capital of the World, Miami is the world's busiest cruise port, with a fleet of more than 17 homeporting ships, including 6 of the world's largest megaships. Miami is the largest container port in Florida, and is among the largest in the U.S. In addition to providing frequent liner service to markets in the Caribbean and Central and South America, it serves markets in Europe and the Far East. This diversity accounts for the wide range of commodities it handles including breakbulk and general cargo, automobiles and heavy equipment. The Port of Miami's mission is to be an economic generator for both Miami-Dade County and South Florida, projecting a positive world-class image for our local community and to ensure that the port has the capabilities to provide both cruise passenger and cargo industries with the necessary infrastructure. Among the Port's primary goals and objectives are expanding cruise market share by restoring existing facilities and constructing new terminals and berths required for new generation ships; expanding container market by providing cargo-handling and railroad facilities required for efficient intermodal container operations; enhancing position as transshipment hub of the Caribbean and Central and South America; and pursuing new trade opportunities and strengthening existing ties.

#### **Port of Key West**

The primary port-related activities in Key West are cruise-ship oriented, as the Port has become a popular port-of-call for the ever growing cruise fleet homeporting at Florida's ports. Over the years, it has also played an important role in hosting the nation's military, particularly the U.S. Navy. The Port's mission is "to provide mutual benefits for visitors to Key West who arrive by ship and residents who depend upon a healthy local economy."



## The Gulf Coast Ports

### Port of Pensacola

This Northwest Florida port has capitalized on its easy Gulf of Mexico access, service from two national railroads, and dominance in handling bagged agricultural goods and liquid bulk products. The Port of Pensacola has been successfully diversifying its cargo mix to provide new business opportunities. The Port's cargo mix has increased from three primary commodities to more than 13 over the past three years, adding frozen cargoes and dry bulk product to the port's product inventory. The westernmost deepwater port in Florida, it is well situated for Caribbean as well as Central and South American trade. The Port of Pensacola's mission is to manage and operate cost-effective facilities for marine commerce to foster regional and international trade, to stimulate private investment, and to promote economic development and employment. Its major goals and objectives are to maintain aggressive marketing initiatives, targeting specific cargoes, including additional project cargo; rehabilitate Port facilities; attract and retain waterborne commerce and new industry; and solidify and enhance Port-tenant relationships.

### Port of Panama City

Located on the Gulf Coast in Florida's panhandle, this port specializes in breakbulk cargo plus some dry bulk products. The Port has become a catalyst for industrial development in Northwest Florida. In addition, the Port, which is located adjacent to the Intracoastal Waterway, is equipped with modern cargo-handling facilities for truck, rail, barge, container, and roll-on/roll-off traffic. Future goals and objectives for the port include provision of additional deepwater berthing areas, warehouse space and cargo-handling capabilities; provision of additional port property to accommodate water-dependent/related industrial activities through property acquisition and dredging spoil disposal; and the maintenance of in-water and on-land facilities.

### Port St. Joe

This small northwestern Florida port's location allows the intermodal interchange of cargo from ocean vessels to rail, highway or continued water movement, via barge by the Intracoastal Waterway. The Port handles inbound liquid bulk products, chemicals, fish, and coal while handling outbound movements of forest products, liquid bulk products, and processed fish.

### Port Manatee

Located near the entrance to Tampa Bay, Port Manatee is a full-service deepwater port with both cargo and cruise operations. The Port has successfully diversified its cargo matrix to include a wide variety of general cargoes, containerized breakbulk, and bulk commodities. Port Manatee ranks first among the Sunshine State's west coast port in container movement, and ranks number one nationally for importing frozen concentrated orange juice and is the nation's leading export location for citrus juices and beverages. The major goals and objectives of Port Manatee are to develop and operate as a competitive and viable deepwater shipping port, to stimulate local development and serve local, state, national, and international shipping needs generated by that economic development.

### Port of St. Petersburg

This Port of St. Petersburg, located on Tampa Bay, is exploring opportunities to create a multi-use facility that capitalizes on its unique assets with the City of St. Petersburg. It is now pursuing partnering opportunities with its neighbors: the Albert Whitted Airport, the University of South Florida, and the U.S. Coast Guard. The port aims to expand its cruise facilities, including new terminal, berths, parking, and public access; attract selected types of roll-on/roll-off cargo; provide required facilities to expand potential maritime operations; maintain existing facilities; and attract a diversity of revenue-producing amenities in conjunction with cruise operations.

### Port of Tampa

The Port of Tampa is one of Florida's largest ports, as measured by tonnage. It is a major port of entry for the fuel and building materials used in the region and a force in the shipbuilding and repair industry. The Port is also a popular cruise port, serving the expanding Western Caribbean market. The predominant bulk products handled include phosphate rock, fertilizer products, petroleum, coal, and general cargo. In addition to the traditional liquid and dry bulk cargo, the Port handles many other commodities, exporting automobiles, citrus, frozen poultry, and scrap steel and importing produce, gypsum, ammonia, sulphur, cement, steel, rock, fruit, construction materials, and refrigerated good. The Port Authority's major goals and objectives are to contribute to state and local economic development by promoting trade, developing port properties, and improving the efficiency of port operations; develop general cargo and passenger facilities and terminals to meet the needs of existing and new port customers; improve public terminal efficiencies; strengthen and diversify the Port's economic base by promoting mixed-use development of certain waterfront Port properties; and maximizing revenue-generating potential of non-waterfront property; and develop efficient and economically viable transportation linkages by improving access roads and other surface transportation access.

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2001/2002-2004/2005*.



**Table 3-42  
FLORIDA'S PORTS (2000)**

| Port        | Governing Body                                     | Hinterland Served                                                                                                                                                                           | Trading Partners                                                                                                                                          | Principal Activities & Products                                                                                                                                                                                                                                                                                                                                                                            | Current & Projected Throughputs                                                                                                                         | Value of Waterborne Imports and Exports (\$) | Tonnage of Waterborne Trade (in Tons)                            | Cruise Activities (Embarkations & Disembarkations)                                 |
|-------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Canaveral   | Canaveral Port Authority (Canaveral Port District) | Central counties of Brevard, Flagler, Highlands, Indian River, Lake, Okeechobee, Orange, Osceola, Seminole, St. Lucie, and Volusia                                                          | Europe, South America, Caribbean Basin, Canada, Far East, Central America, Former Russian States                                                          | Bulk, neo-bulk and breakbulk cargo; cruise operations; Foreign Trade Zone 136; container service; public/private recreational facilities                                                                                                                                                                                                                                                                   | Cargo (tons):<br>Current - 4.5 million<br>Projected - 5.5 million<br>Cruise (revenue passengers):<br>Current - 3.8 million<br>Projected - 5.7 million   | Imports: 512 million<br>Exports: 140 million | Imports: 2,181,829<br>Exports: 282,444<br>Domestic: 2,089,518    | One-day: 1,793,002 (indiv. passengers)<br>Multi-day: 1,995,618 (indiv. passengers) |
| Everglades  | Broward County Board of County Commissioners       | Primarily Broward, Dade, and Palm Beach counties as part of a 24-county area extending northward to Pasco, Polk, Ocala, and Brevard, southward to Monroe and westward to the Gulf of Mexico | Caribbean Basin; North, Central, and South America; Europe; Mediterranean; the Middle East; Southwest Asia; Africa; and the Pacific Rim                   | Bulk (gasoline and aviation fuel, cement and clinkers, petroleum/crude and fuel oils, gypsum); breakbulk (building materials, steel, lumber); container cargo (tile, leather goods, coffee, paper products, auto parts, furniture, apparel, beverages, dairy products, agricultural products, frozen meats, citrus concentrate); and rolling stock such as yachts and other boats, vehicles and equipment. | Cargo (tons):<br>Current - 23.9 million<br>Projected - 27.0 million<br>Cruise (revenue passengers):<br>Current - 2.7 million<br>Projected - 4.0 million | Imports: 7.0 billion<br>Exports: 5.0 billion | Imports: 4,985,539<br>Exports: 6,093,437<br>Domestic: 12,776,374 | One-day: 1,141,224 (indiv. passengers)<br>Multi-day: 1,596,165 (indiv. passengers) |
| Fernandina  | Ocean Highway and Port Authority, Nassau County    | Southeastern United States and Gulf States; major metropolitan areas such as Tampa, Orlando, Jacksonville, Atlanta, New Orleans, and Houston                                                | Northern Europe, Mediterranean, Bermuda, Venezuela, Ecuador, Brazil, Argentina, Colombia, Chile, Columbia Trinidad, Jamaica, the Bahamas, and Puerto Rico | Exports of forest products including kraft linerboard, wood pulp, and treated lumber, and containerized goods (wood pulp, automobile parts, beer, frozen foods, machinery, consumer goods).                                                                                                                                                                                                                | Cargo (tons):<br>Current - 0.6 million<br>Projected - 1.3 million<br>Cruise (revenue passengers):<br>Current - 0<br>Projected - 0                       | Imports: 120 million<br>Exports: 292 million | Imports: 98,000<br>Exports: 455,000<br>Domestic: 0               | One-day: 0<br>Multi-day: 0                                                         |
| Fort Pierce | St. Lucie County                                   | St. Lucie, Indian River, Okeechobee, Highlands, Hendry, Glades, and Martin counties                                                                                                         | Caribbean Basin, Bahamas, the Far East, Europe                                                                                                            | Imports of aragonite and cement, exports of grapefruit                                                                                                                                                                                                                                                                                                                                                     | Cargo (tons):<br>Current - 0.021 million<br>Projected - 0.30 million<br>Cruise (revenue passengers):<br>Current - 0<br>Projected - 0.015 million        | Imports: 22 million<br>Exports: 8 million    | Imports: 21,087<br>Exports: 0<br>Domestic: 0                     | One-day: 0<br>Multi-day: 0                                                         |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2001/2002-2004/2005*.



**Table 3-42 (Continued)  
FLORIDA'S PORTS (2000)**

| Port         | Governing Body                           | Hinterland Served                                                                                                                                              | Trading Partners                                                                                                                              | Principal Activities & Products                                                                                                                                                                                                                                                | Current & Projected Throughputs                                                                                                                     | Value of Waterborne Imports and Exports (\$)   | Tonnage of Waterborne Trade (in Tons)                          | Cruise Activities (Embarkations & Disembarkations)                              |
|--------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------|
| Jacksonville | Jacksonville Port Authority              | Central and Northern Florida, Southeastern United States, and major portions of the Midwest                                                                    | Far East, Canada, Central and South America, Caribbean Basin, including Puerto Rico, Northern and Western Europe, the Middle East, and Africa | Marine-related facilities that serve as a commodities load center for the Southeastern U.S. and the Midwest, liner and roll-on/roll-off service, and military outboard                                                                                                         | Cargo (tons):<br>Current: 19.3 million<br>Projected: 27.0 million<br>Cruise (revenue passengers):<br>Current: 0<br>Projected: 0.187                 | Imports: 8.28 billion<br>Exports: 1.93 billion | Imports: 8,280,000<br>Exports: 911,000<br>Domestic: 10,067,000 | One-day: 0<br>Multi-day: 0                                                      |
| Key West     | City of Key West                         | City of Key West, lower Keys                                                                                                                                   | Not Applicable                                                                                                                                | Principal port-related activities are cruise-ship oriented; other activities include hosting a large military contingent; Passenger ferry intermodal center.                                                                                                                   | Cargo (tons):<br>Current: 0<br>Projected: 0<br>Cruise (revenue passengers):<br>Current: 0.6 million<br>Projected: 1.6 million                       | Imports: 0.91 million<br>Exports: 12 million   | Imports: 0<br>Exports: 0<br>Domestic: 0                        | One-day: 0<br>Multi-day: 670,531 (indiv. passengers)                            |
| Manatee      | Manatee County Port Authority            | Florida counties within a 100-mile radius including Lee, Charlotte, DeSoto, Sarasota, Hardee, Polk, Hillsborough, Pasco, Hernando, Pinellas as well as Manatee | Pacific Rim, Central and South America, Caribbean Basin, Europe, and Africa                                                                   | General cargoes including perishable commodities, citrus juices, forest products, automobiles, steel and non-ferrous metals; Bulk commodities include finished phosphate products, refined petroleum, cement, cement clinkers, and a variety of construction grade aggregates. | Cargo (tons):<br>Current: 4.4 million<br>Projected: 7.8 million<br>Cruise (revenue passengers):<br>Current: 0.06 million<br>Projected: 0.29 million | Imports: 242 million<br>Exports: 64 million    | Imports: 3,685,434<br>Exports: 711,152<br>Domestic: 0          | One Day: 0<br>Multi-day: 55,196 (indiv. passengers)                             |
| Miami        | Miami-Dade Board of County Commissioners | From the South Florida counties of Miami-Dade, Broward, Monroe, and Palm Beach throughout the state into the Southeastern and Midwestern United States         | Pacific Rim, Europe, Central and South America, Caribbean, Far East                                                                           | Cruise operations, Electronics, clothing, aviation and automotive parts, machinery, paper, textiles and apparel, seafood, coffee, flowers, electronics and ceramics.                                                                                                           | Cargo (tons):<br>Current: 7.8 million<br>Projected: 10.5 million<br>Cruise (revenue passengers):<br>Current: 3.4 million<br>Projected: 4.5 million  | Imports: 8.9 billion<br>Exports: 8.5 billion   | Imports: 4,463,187<br>Exports: 3,341,759<br>Domestic: 0        | One-day: 47,888 (indiv. passengers)<br>Multi-day: 3,316,755 (indiv. passengers) |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.



**Table 3-42 (Continued)  
FLORIDA'S PORTS (2000)**

| Port         | Governing Body                                            | Hinterland Served                                                                                                                       | Trading Partners                                                                                               | Principal Activities & Products                                                                                                                                                                                                                                                     | Current & Projected Throughputs                                                                                                                     | Value of Waterborne Imports and Exports (\$) | Tonnage of Waterborne Trade (in Tons)                         | Cruise Activities (Embarkations & Disembarkations)   |
|--------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------|------------------------------------------------------|
| Palm Beach   | Board of Port Commissioners (Port of Palm Beach District) | Palm Beach, Martin, St. Lucie, Okeechobee, Highlands, Glades, Hendry, Brevard, Indian River, Monroe, Dade, and Broward Counties         | Central and South America, Mexico, Caribbean Basin, Canada, and Northern Europe                                | Cruise ship operations; container, bulk (cement, sugar, fuel oil, molasses), dry bulk, liquid bulk, roll-on/roll-off and breakbulk cargo; industrial park and Foreign Trade Zone 135                                                                                                | Cargo (tons):<br>Current: 4.0 million<br>Projected: 4.7 million<br>Cruise (revenue passengers):<br>Current: 0.69 million<br>Projected: 0.85 million | Imports: 818 million<br>Exports: 981 million | Imports: 511,630<br>Exports: 1,712,447<br>Domestic: 1,774,235 | One-day: 688,609 (indiv. passengers)<br>Multi-day: 0 |
| Panama City  | Panama City Port Authority                                | Florida, Alabama, Georgia, Mississippi, Tennessee, Kentucky, North Carolina, and Virginia                                               | Central America, the Far East, Mexico, Europe, and the Mediterranean                                           | Exports: Steel and steel pipe, flexible steel pipe, machinery, linerboard, clay and resins, agricultural products, miscellaneous general cargo<br>Imports: Steel plate, steel coils, lumber, liquid bulk, molasses, wood chips, chemicals, aggregates, animal feeds, and fertilizer | Cargo (tons):<br>Current: 0.4 million<br>Projected: 1.1 million<br>Cruise (revenue passengers):<br>Current: 0<br>Projected: 0                       | Imports: 91 million<br>Exports: 232 million  | Imports: 141,871<br>Exports: 220,696<br>Domestic: 47,479      | One-day: 0<br>Multi-day: 0                           |
| Pensacola    | City of Pensacola                                         | Northwest Florida, Georgia, Alabama, Mississippi, Tenn., Arkansas, Illinois, Nebraska, Iowa, Indiana, Colorado, Missouri, and Wisconsin | Central and South America, Caribbean Basin, Mediterranean, Africa, India, Philippines, Russia, and South Korea | Exports: Frozen food, bagged food products, forest products, rail cars, liquid bulk products, sulphur, and pipe<br>Imports: Forest products, aggregate, bauxite, asphalt, steel, paper, cotton, liquid bulk products                                                                | Cargo (tons):<br>Current: 0.7 million<br>Projected: 1.1 million<br>Cruise (revenue passengers):<br>Current: 0<br>Projected: 30,000                  | Imports: 4.1 million<br>Exports: 95 million  | Imports: 162,027<br>Exports: 246,587<br>Domestic: 288,677     | One-day: 0<br>Multi-day: 0                           |
| Port St. Joe | Port St. Joe Port Authority                               | To be determined                                                                                                                        | To be determined                                                                                               | Exports include forest products, liquid bulk products, and processed fish; imports include liquid bulk products and chemicals, coal, and fish                                                                                                                                       | Cargo (tons):<br>Current: 0<br>Projected: 0.4<br>Cruise (revenue passengers):<br>Current/Projected: 0                                               | Imports: n/a<br>Exports: n/a                 | Imports: 0<br>Exports: 0<br>Domestic: 0                       | One-day: 0<br>Multi-day: 0                           |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.



**Table 3-42 (Continued)**  
**FLORIDA'S PORTS (2000)**

| Port           | Governing Body         | Hinterland Served                                                                      | Trading Partners                                                                                            | Principal Activities & Products                                                                                                                                                                                                                                                                                                                                                                                                                 | Current & Projected Throughputs                                                                                                                 | Value of Waterborne Imports and Exports (\$)         | Tonnage of Waterborne Trade (in Tons)                                     | Cruise Activities (Embarkations & Disembarkations) |
|----------------|------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------|
| St. Petersburg | City of St. Petersburg | Cruise passengers come primarily from the Tampa Bay region, but also from out of state | Not Applicable                                                                                              | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cargo (tons):<br>Current: 0<br>Projected: 0<br>Cruise (revenue passengers):<br>Current: 0<br>Projected: 0.13 million                            | Imports:<br>0.52 million<br>Exports:<br>0.35 million | Imports:<br>0<br>Exports:<br>0<br>Domestic<br>0                           | One-day:<br>0<br>Multi-day:<br>0                   |
| Tampa          | Tampa Port Authority   | Hillsborough, Hernando, Pasco, Pinellas, and Polk counties                             | China, India, Canada, Caribbean Basin, Mexico, Central and South America, Europe, Far East, Coastwide trade | Major port of entry for fuel and building materials; popular cruise port; predominant bulk cargoes include phosphate rock, fertilizer products, petroleum, coal, and general cargo. In addition to the traditional liquid and dry bulk cargo the port exports: automobiles, citrus, frozen poultry, and scrap steel. Imports: produce, gypsum, ammonia, sulphur, cement, steel, rock, fruit, construction materials, and refrigerated products. | Cargo (tons):<br>Current: 50 million<br>Projected: 52 million<br>Cruise (revenue passengers):<br>Current: 0.4 million<br>Projected: 0.8 million | Imports:<br>2.7 billion<br>Exports:<br>1.4 billion   | Imports:<br>6,967,000<br>Exports:<br>9,369,000<br>Domestic:<br>32,907,000 | One-day:<br>0<br>Multi-day:<br>459,803             |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.



**Table 3-43**  
**TOP TEN TRADING PARTNERS WITH FLORIDA FOR 2000**  
(in billions of current U.S. \$)

| Country                | Total Trade Value (\$ billions) |
|------------------------|---------------------------------|
| (1) Brazil             | 10.2                            |
| (2) Dominican Republic | 5.0                             |
| (3) Japan              | 4.5                             |
| (4) Costa Rica         | 4.0                             |
| (5) Germany            | 4.0                             |
| (6) Honduras           | 3.8                             |
| (7) Venezuela          | 3.7                             |
| (8) Colombia           | 3.3                             |
| (9) Argentina          | 2.6                             |
| (10) Guatemala         | 2.5                             |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.

**Table 3-44**  
**FLORIDA'S INTERNATIONAL TRADE (2000)**  
(in billions of current U.S. \$)

|                          |                | Exports | Imports | Airborne | Waterborne | Total |
|--------------------------|----------------|---------|---------|----------|------------|-------|
| Foreign Trade            | billions of \$ | 35.9    | 37.9    | -        | -          | 73.8  |
|                          | percent        | 48.64   | 51.35   | -        | -          | 100.0 |
| Airborne Trade           | billions of \$ | -       | -       | 26.2     | -          | 26.2  |
|                          | percent        | -       | -       | 35.5     | -          | 35.5  |
| Waterborne Trade         | billions of \$ | -       | -       | -        | 47.6       | 47.6  |
|                          | percent        | -       | -       | -        | 64.5       | 64.5  |
| Waterborne Foreign Trade | billions of \$ | 18.8    | 28.8    | -        | -          | 47.6  |
|                          | percent        | 39.5    | 60.5    | -        | -          | 100   |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.



**Table 3-45**  
**U.S. CONTAINER TRAFFIC,**  
**20-TON EQUIVALENT UNITS (2000)**

| Port                             | TEUs           |
|----------------------------------|----------------|
| (1) Long Beach                   | 4,600,787      |
| (2) Los Angeles                  | 3,828,851      |
| (3) New York/New Jersey          | 3,006,493      |
| (4) San Juan                     | 2,333,788      |
| (5) Oakland                      | 1,776,922      |
| (6) Charleston                   | 1,629,070      |
| (7) Seattle                      | 1,490,048      |
| (8) Tacoma                       | 1,376,379      |
| (9) Hampton Roads                | 1,347,364      |
| (10) Houston                     | 1,001,170      |
| (11) Savannah                    | 948,699        |
| <b>(12) Miami</b>                | <b>868,178</b> |
| <b>(13) Jacksonville</b>         | <b>708,028</b> |
| <b>(14) Everglades</b>           | <b>676,760</b> |
| (15) Baltimore                   | 498,108        |
| (16) Anchorage                   | 432,296        |
| (17) Portland (Oregon)           | 290,943        |
| (18) New Orleans                 | 278,932        |
| <b>(19) Palm Beach</b>           | <b>214,890</b> |
| (20) Wilmington (Delaware)       | 199,870        |
| (21) Philadelphia                | 198,680        |
| (22) Gulfport                    | 141,464        |
| (23) Boston                      | 138,904        |
| (24) Wilmington (North Carolina) | 105,110        |
| (25) Galveston                   | 82,943         |

Source: Florida Seaport Transportation and Economic Development Council,  
*A Five-Year Plan to Accomplish The Mission of Florida's Seaports*  
2000/2001 - 2004/2005.



**Table 3-46**  
**FLORIDA'S TOP TEN IMPORT COMMODITIES (2000)**

| Commodity                            | Percent Share of FL Imports |
|--------------------------------------|-----------------------------|
| (1) Vehicles                         | 19.3                        |
| (2) Knit apparel                     | 12                          |
| (3) Woven apparel                    | 10.3                        |
| (4) Aircraft and spacecraft          | 9.5                         |
| (5) Machinery                        | 6.3                         |
| (6) Electrical machinery             | 4.6                         |
| (7) Mineral fuel, oil, etc.          | 4.1                         |
| (8) Fish and seafood                 | 3.3                         |
| (9) "special other"                  | 2.8                         |
| (10) Optical and medical instruments | 2.1                         |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.

**Table 3-47**  
**FLORIDA'S TOP TEN EXPORT COMMODITIES (2000)**

| Commodity                           | Percent Share of Florida's Exports |
|-------------------------------------|------------------------------------|
| (1) Machinery                       | 25.3                               |
| (2) Electrical machinery            | 18.3                               |
| (3) Knit apparel                    | 5.7                                |
| (4) Optical and medical instruments | 5.1                                |
| (5) Vehicles, not railway           | 5.1                                |
| (6) Aircraft and spacecraft         | 4.4                                |
| (7) Woven apparel                   | 4.2                                |
| (8) Fertilizers                     | 3.1                                |
| (9) Pharmaceutical products         | 2.6                                |
| (10) Plastic                        | 1.9                                |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2000/2001 - 2004/2005*.



**Table 3-48**  
**FLORIDA WATERBORNE TRADE, IN TONS (2001)**

| Port         | Export            | Import            | Domestic          | Total              |
|--------------|-------------------|-------------------|-------------------|--------------------|
| Canaveral    | 1,066,028         | 3,489,451         | 0                 | 4,555,479          |
| Everglades   | 6,200,000         | 5,343,820         | 12,200,000        | 23,743,820         |
| Fernandina   | 423,695           | 117,305           | 0                 | 541,000            |
| Fort Pierce  | 5,000             | 56,700            | 20,000            | 81,700             |
| Jacksonville | 947,000           | 6,953,000         | 10,141,000        | 18,041,000         |
| Manatee      | 975,284           | 4,224,946         | 0                 | 5,200,230          |
| Miami        | 3,620,332         | 4,626,672         | 0                 | 8,247,004          |
| Palm Beach   | 1,173,598         | 374,959           | 1,774,235         | 3,322,792          |
| Panama City  | 352,344           | 506,365           | 47,663            | 906,372            |
| Pensacola    | 236,560           | 99,499            | 292,544           | 628,603            |
| Tampa        | 7,640,643         | 7,863,880         | 30,605,950        | 46,110,473         |
| <b>Total</b> | <b>22,640,484</b> | <b>33,656,597</b> | <b>55,081,392</b> | <b>111,378,473</b> |

Source: [www.flaports.com/statistics](http://www.flaports.com/statistics).

**Table 3-49**  
**FLORIDA WATERBORNE FOREIGN TRADE-DOLLAR VALUE (2001)**  
**(in U.S. current \$)**

| Port           | Import (\$)           | Export (\$)           | Total (\$)            |
|----------------|-----------------------|-----------------------|-----------------------|
| Canaveral      | 211,255,393           | 565,489,711           | 776,745,104           |
| Everglades     | 3,920,784,203         | 5,256,448,580         | 9,177,232,783         |
| Fernandina     | 167,613,605           | 117,090,729           | 284,704,334           |
| Fort Pierce    | 7,737,054             | 7,834,788             | 15,571,842            |
| Jacksonville   | 3,238,752,733         | 8,713,047,737         | 11,951,800,470        |
| Key West       | 13,343,454            | 1,276,636             | 14,620,090            |
| Manatee        | 70,661,025            | 432,079,476           | 502,740,501           |
| Miami          | 8,001,972,741         | 9,263,584,487         | 17,265,557,228        |
| Palm Beach     | 890,742,498           | 937,063,236           | 1,827,805,734         |
| Panama City    | 118,067,408           | 123,417,759           | 241,485,167           |
| Pensacola      | 42,803,750            | 142,111,623           | 184,915,373           |
| St. Petersburg | 1,358,129             | 5,461,963             | 6,820,092             |
| Tampa          | 1,484,013,986         | 1,274,224,147         | 2,758,238,133         |
| <b>Total</b>   | <b>18,169,105,979</b> | <b>26,839,130,872</b> | <b>45,008,236,851</b> |

Source: Florida Seaport Transportation and Economic Development Council, *A Five-Year Plan To Accomplish The Mission of Florida's Seaports 2002/2003-2006/2007*.



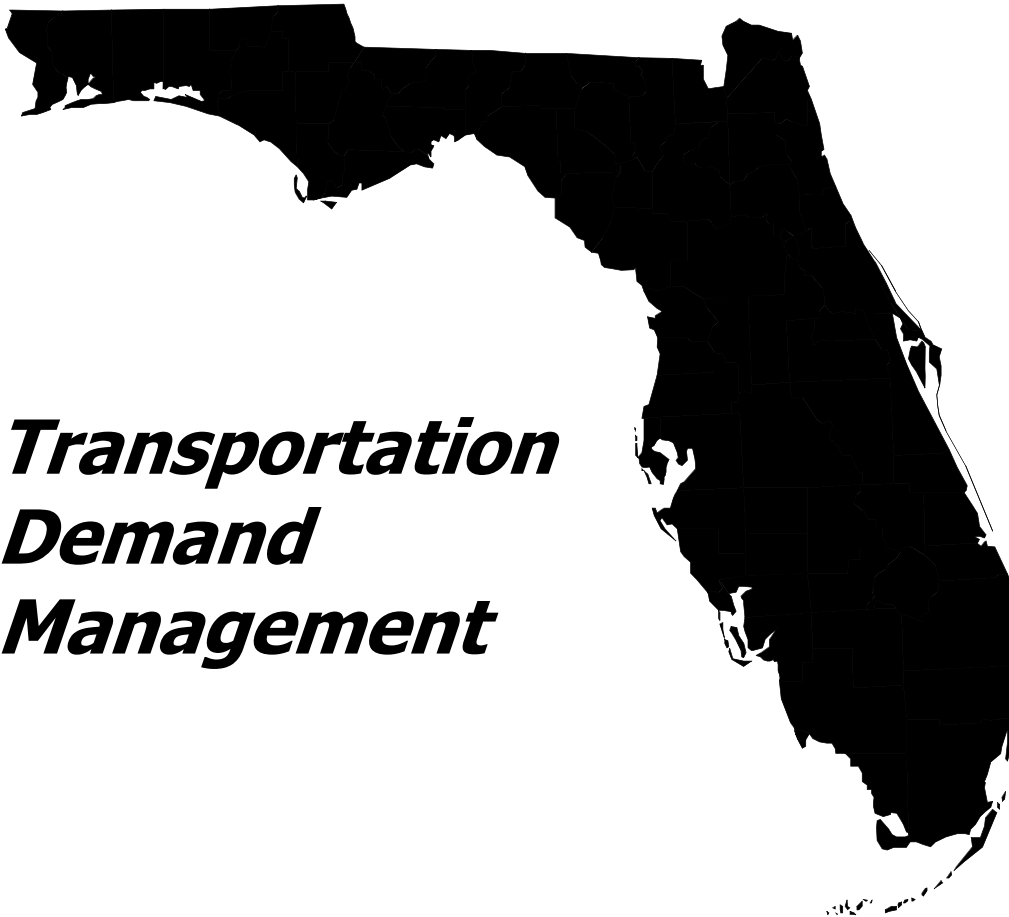
**Table 3-50**  
**FLORIDA CRUISE EMBARKMENTS AND DISEMBARKMENTS (FY 01/02)**

| Port         | One-Day Cruise   | Multi-Day Cruise | Total Revenue Passengers |
|--------------|------------------|------------------|--------------------------|
| Canaveral    | 1,873,044        | 1,951,196        | 3,824,240                |
| Everglades   | 1,030,665        | 2,455,192        | 3,485,857                |
| Fernandina   | 0                | 454              | 454                      |
| Key West     | 0                | 927,746          | 927,746                  |
| Manatee      | 0                | 63,042           | 63,042                   |
| Miami        | 0                | 3,642,990        | 3,642,990                |
| Palm Beach   | 591,338          | 141              | 591,479                  |
| Tampa        | 0                | 583,130          | 583,130                  |
| <b>Total</b> | <b>3,495,047</b> | <b>9,623,891</b> | <b>13,118,938</b>        |

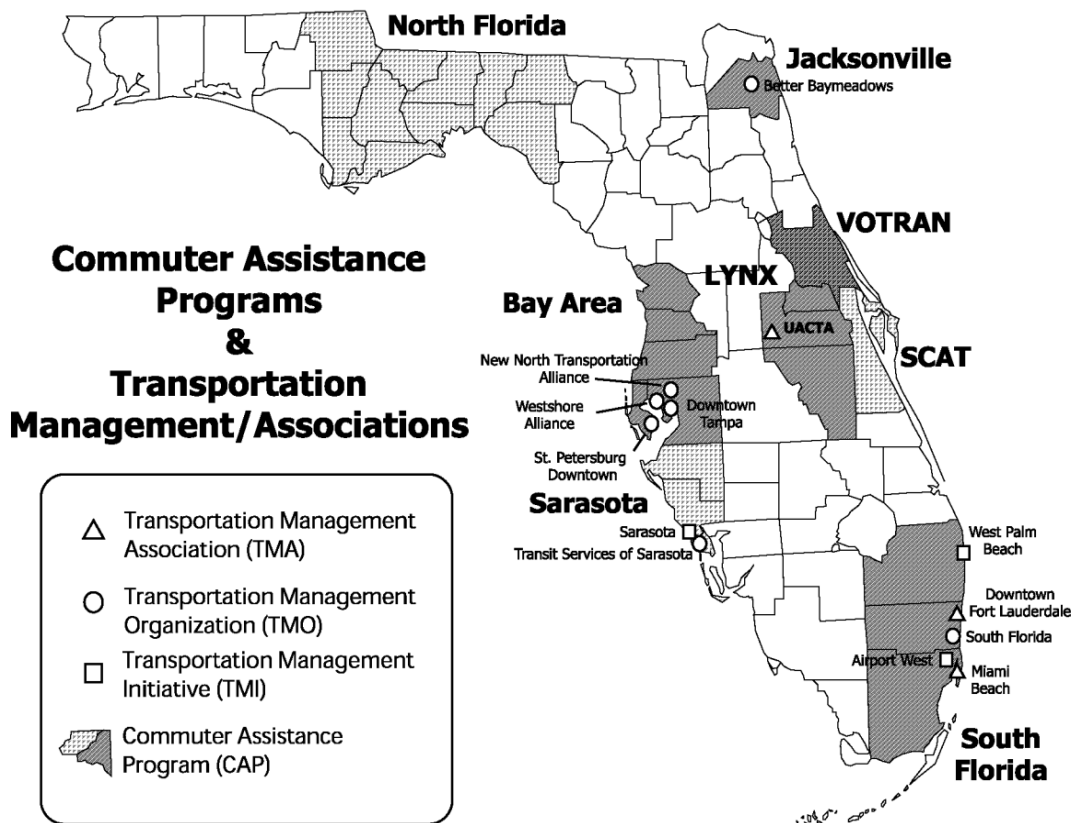
Source: [www.flaports.org/statistics](http://www.flaports.org/statistics).



# ***Transportation Demand Management***









## Florida's Commuter Assistance Program

Coordinated use of existing transportation resources can provide a responsive, low-cost alternative for alleviating urban highway congestion, improving air quality, and reducing the need for costly highway improvements. The Florida Commuter Assistance Program (CAP) focuses on reducing the single occupant commuter trip that is a major cause of peak-hour highway congestion. A coordinated effort to provide alternatives to these commuters, using existing or low-cost resources, can be beneficial to the development of public transit statewide and Florida Department of Transportation's (FDOT) priority efforts to relieve traffic congestion, improve air quality, and to assure energy conservation.

To achieve its goals, the CAP encourages the use of Transportation Demand Management (TDM) strategies at the regional, local, activity center, and employer level. TDM is defined as a set of measures designed to reduce the number of trips made by single occupant vehicles and enhance the regional mobility of all citizens. These strategies can include but are not limited to: ridesharing (carpooling & vanpooling); public transportation, alternative work hours (flextime, compressed work week, etc.), bicycle and pedestrian modes; development and implementation of shuttle services; priority/preferential parking for ridesharers; promotion and distribution of discounted transit passes; and fostering telecommuting programs.

Florida's CAP exists to identify and support effective TDM strategies and foster development of public/private partnerships to address the State's mobility, congestion, and environmental goals. Depending on the needs of the community, CAP service takes one of four forms: regional commuter services, local commuter services, transportation management associations/organizations, and transportation management initiatives.

Regional Commuter Services are multi-county programs designed to carry out CAP goals. When feasible, these programs are housed at an existing regional entity (i.e., regional planning council, metropolitan planning organization, or transit agency, or other private agency). When appropriate, a Regional Commuter Services program may be created as a private-not-for-profit corporation. Regional Commuter Services provide ridematching, vanpooling, guaranteed ride home programs, and other TDM strategies as determined by FDOT Districts. Regional Commuter Services also provide these basic TDM programs in support of Transportation Management Associations (TMA), Transportation Management Organizations (TMO), and Transportation Management Initiatives (TMI) within its service area. The FDOT may fund up to 100 percent of the eligible costs of commuter services determined by the District to be regional in scope and application or statewide in nature.

Local commuter services provide similar services as a regional commuter services program but to a defined local area, usually serving one municipality or county. State funding for a local commuter services project cannot exceed the amount of local participation.

TMAs are public/private partnerships formed so that employers, developers, building owners, central business districts, downtown merchant associations, and government entities can work collectively to establish policies, programs and services to address traffic congestion, air quality, and occasionally, employment issues through TDM strategies. TMAs are established within a limited geographical area to address the transportation management needs of their members. TMAs are expected to obtain private sector financing in addition to public funding. TMOs are synonymous with TMAs. TMAs are eligible for continued funding by FDOT at the lesser of \$75,000 or 50 percent of their total budget, provided they are meeting the performance criteria outlined in their existing Joint Participation Agreement. Grants supporting TMAs may be made directly to the incorporated organization or to the appropriate local governmental agency for pass-through to the TMA. TMAs receiving these grants include FDOT as an ex officio member of its Board of Directors during the grant period.

Transportation Management Initiatives (TMIs) are hybrid entities that are the first step in a process in which employers and other interested parties consider collective actions for improving the means to carry people and/or goods. TMIs are usually not legally constituted and may be projects or field offices of larger organizations with broader missions. TMIs are frequently led by an advisory committee of the private sector in partnership with the public sector to solve transportation problems.



# ***Freight***





### SECTION HIGHLIGHTS

- In 2000, Florida's intrastate freight movement totaled 5.6 billion tons, interstate to Florida freight movement totaled 1.3 billion tons, and interstate from Florida freight movement totaled 473 million tons.
- For all interstate freight transport modes (rail, for-hire truck, private truck, air, water), the top three import commodities in 2000 were petroleum products (370.5 million tons), coal (230.9 million tons), and chemicals (116.3 million tons). The top three export commodities were chemicals (69 million tons), minerals (68.5 million tons), and food (63.4 million tons).
- The top three intrastate freight commodities for all modes in 2000 were coal (3.2 billion tons); warehousing (658.8 million tons); and clay, glass, concrete, and stone (530.2 million tons).
- In 2000, the top three regions/states that transport interstate freight to Florida were West South Central (501.1 million tons), East South Central (237.4 million tons), and Georgia (138.7 million tons).
- The top three regions/states that receive interstate from Florida in 2000 were West South Central (119.2 million tons), Georgia (102.8 million tons), and East North Central (43.8 million tons).



**Table 3-51  
FLORIDA FREIGHT MOVEMENT (2000)**

| Freight Movement Description         | Florida Intrastate |       | Interstate to Florida |       | Interstate from Florida |       |
|--------------------------------------|--------------------|-------|-----------------------|-------|-------------------------|-------|
|                                      | Tons (000)         | %     | Tons (000)            | %     | Tons (000)              | %     |
| Rail Carload                         | 3,755,002.4        | 67.2  | 384,355.4             | 30.2  | 103,662.0               | 21.9  |
| Rail Intermodal                      | 20,046.4           | 0.4   | 56,789.6              | 4.5   | 27,093.6                | 5.7   |
| For-Hire Truck (truckload)           | 793,127.5          | 14.2  | 210,754.2             | 16.6  | 142,413.2               | 30.1  |
| For-Hire Truck (less-than-truckload) | 27,463.6           | 0.5   | 32,340.1              | 2.5   | 11,611.1                | 2.5   |
| Private Truck                        | 944,159.7          | 16.9  | 43,587.7              | 3.4   | 70,654.9                | 14.9  |
| Air Freight                          | 4,257.8            | 0.1   | 3,669.2               | 0.3   | 268.3                   | 0.1   |
| Water Freight                        | 39,767.7           | 0.7   | 540,075.6             | 42.5  | 117,380.0               | 24.8  |
| All Modes                            | 5,583,825.1        | 100.0 | 1,271,571.8           | 100.0 | 473,083.1               | 100.0 |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-52  
INTERSTATE FREIGHT COMMODITIES BY MODE (2000)**

| <b>RAIL CARLOAD</b>              |                   |                                  |                   |
|----------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                |                   | <b>From Florida</b>              |                   |
| <b>Description</b>               | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 18,875.4          | Agricultural Products            | 83.7              |
| Minerals                         | 40,703.9          | Minerals                         | 5,516.8           |
| Coal                             | 142,516.8         | Coal                             | 0.0               |
| Food                             | 26,975.1          | Food                             | 15,517.1          |
| Non-Durable Manufacturing        | 71.9              | Non-Durable Manufacturing        | 3.1               |
| Lumber                           | 33,577.8          | Lumber                           | 2,413.8           |
| Chemicals                        | 40,308.7          | Chemicals                        | 47,592.9          |
| Paper                            | 17,116.9          | Paper                            | 17,228.9          |
| Petroleum Products               | 7,336.5           | Petroleum Products               | 461.7             |
| Other Durable Manufacturing      | 37,515.5          | Other Durable Manufacturing      | 512.6             |
| Clay, Concrete, Glass, and Stone | 14,082.2          | Clay, Concrete, Glass, and Stone | 3,759.4           |
| Waste                            | 5,249.3           | Waste                            | 9,343.4           |
| Miscellaneous Freight            | 25.4              | Miscellaneous Freight            | 1,228.6           |
| Warehousing                      | 0.0               | Warehousing                      | 0.0               |

| <b>RAIL INTERMODAL</b>           |                   |                                  |                   |
|----------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                |                   | <b>From Florida</b>              |                   |
| <b>Description</b>               | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 699.1             | Agricultural Products            | 1,141.0           |
| Minerals                         | 66.1              | Minerals                         | 48.5              |
| Coal                             | 0.0               | Coal                             | 0.0               |
| Food                             | 8,258.4           | Food                             | 2,272.8           |
| Non-Durable Manufacturing        | 1,412.2           | Non-Durable Manufacturing        | 342.1             |
| Lumber                           | 361.5             | Lumber                           | 83.7              |
| Chemicals                        | 1,373.1           | Chemicals                        | 1,016.4           |
| Paper                            | 711.2             | Paper                            | 4,506.3           |
| Petroleum Products               | 59.7              | Petroleum Products               | 114.6             |
| Other Durable Manufacturing      | 2,524.7           | Other Durable Manufacturing      | 551.8             |
| Clay, Concrete, Glass, and Stone | 412.5             | Clay, Concrete, Glass, and Stone | 125.4             |
| Waste                            | 433.6             | Waste                            | 1,355.7           |
| Miscellaneous Freight            | 40,477.5          | Miscellaneous Freight            | 15,535.3          |
| Warehousing                      | 0.0               | Warehousing                      | 0.0               |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-52 (Continued)**  
**INTERSTATE FREIGHT COMMODITIES BY MODE (2000)**

| <b>FOR-HIRE TRUCK (truckload)</b> |                   |                                  |                   |
|-----------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                 |                   | <b>From Florida</b>              |                   |
| <b>Description</b>                | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products             | 7,115.6           | Agricultural Products            | 33,133.8          |
| Minerals                          | 324.4             | Minerals                         | 108.8             |
| Coal                              | 3,053.4           | Coal                             | 0.0               |
| Food                              | 36,288.3          | Food                             | 25,844.7          |
| Non-Durable Manufacturing         | 4,867.3           | Non-Durable Manufacturing        | 3,242.0           |
| Lumber                            | 22,811.9          | Lumber                           | 13,535.8          |
| Chemicals                         | 18,054.1          | Chemicals                        | 14,648.1          |
| Paper                             | 6,435.0           | Paper                            | 7,819.4           |
| Petroleum Products                | 13,501.0          | Petroleum Products               | 146.7             |
| Other Durable Manufacturing       | 26,564.7          | Other Durable Manufacturing      | 16,811.2          |
| Clay, Concrete, Glass, and Stone  | 18,647.7          | Clay, Concrete, Glass, and Stone | 1,903.4           |
| Waste                             | 8.1               | Waste                            | 229.2             |
| Miscellaneous Freight             | 22,430.0          | Miscellaneous Freight            | 8,620.5           |
| Warehousing                       | 30,652.7          | Warehousing                      | 16,369.6          |

| <b>FOR-HIRE TRUCK (less-than-truckload)</b> |                   |                                  |                   |
|---------------------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                           |                   | <b>From Florida</b>              |                   |
| <b>Description</b>                          | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products                       | 0.0               | Agricultural Products            | 0.0               |
| Minerals                                    | 0.0               | Minerals                         | 0.0               |
| Coal                                        | 0.0               | Coal                             | 0.0               |
| Food                                        | 2,254.3           | Food                             | 1,017.0           |
| Non-Durable Manufacturing                   | 4,668.5           | Non-Durable Manufacturing        | 1,811.6           |
| Lumber                                      | 291.8             | Lumber                           | 75.8              |
| Chemicals                                   | 4,664.3           | Chemicals                        | 1,742.6           |
| Paper                                       | 1,879.5           | Paper                            | 824.1             |
| Petroleum Products                          | 554.9             | Petroleum Products               | 14.6              |
| Other Durable Manufacturing                 | 15,174.8          | Other Durable Manufacturing      | 4,972.4           |
| Clay, Concrete, Glass, and Stone            | 899.7             | Clay, Concrete, Glass, and Stone | 111.7             |
| Waste                                       | 0.0               | Waste                            | 0.0               |
| Miscellaneous Freight                       | 0.0               | Miscellaneous Freight            | 0.0               |
| Warehousing                                 | 1,952.3           | Warehousing                      | 1,041.3           |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-52 (Continued)**  
**INTERSTATE FREIGHT COMMODITIES BY MODE (2000)**

| PRIVATE TRUCK                    |            |                                  |            |
|----------------------------------|------------|----------------------------------|------------|
| To Florida                       |            | From Florida                     |            |
| Description                      | Tons (000) | Description                      | Tons (000) |
| Agricultural Products            | 2,189.2    | Agricultural Products            | 9,616.9    |
| Minerals                         | 0.0        | Minerals                         | 0.0        |
| Coal                             | 0.0        | Coal                             | 0.0        |
| Food                             | 8,017.8    | Food                             | 16,784.0   |
| Non-Durable Manufacturing        | 1,035.1    | Non-Durable Manufacturing        | 712.0      |
| Lumber                           | 9,189.2    | Lumber                           | 10,025.0   |
| Chemicals                        | 2,256.0    | Chemicals                        | 3,564.9    |
| Paper                            | 1,122.1    | Paper                            | 875.8      |
| Petroleum Products               | 2,513.0    | Petroleum Products               | 1,785.2    |
| Other Durable Manufacturing      | 4,897.2    | Other Durable Manufacturing      | 3,716.6    |
| Clay, Concrete, Glass, and Stone | 3,248.2    | Clay, Concrete, Glass, and Stone | 2,187.4    |
| Waste                            | 0.0        | Waste                            | 0.0        |
| Miscellaneous Freight            | 0.0        | Miscellaneous Freight            | 0.0        |
| Warehousing                      | 9,119.9    | Warehousing                      | 21,387.1   |

| AIR FREIGHT                      |            |                                  |            |
|----------------------------------|------------|----------------------------------|------------|
| To Florida                       |            | From Florida                     |            |
| Description                      | Tons (000) | Description                      | Tons (000) |
| Agricultural Products            | 69.4       | Agricultural Products            | 4.5        |
| Minerals                         | 0.0        | Minerals                         | 0.0        |
| Coal                             | 0.0        | Coal                             | 0.0        |
| Food                             | 49.0       | Food                             | 4.1        |
| Non-Durable Manufacturing        | 324.0      | Non-Durable Manufacturing        | 12.2       |
| Lumber                           | 1.6        | Lumber                           | 0.6        |
| Chemicals                        | 257.6      | Chemicals                        | 3.7        |
| Paper                            | 68.4       | Paper                            | 1.4        |
| Petroleum Products               | 5.2        | Petroleum Products               | 0.1        |
| Other Durable Manufacturing      | 1,479.1    | Other Durable Manufacturing      | 191.9      |
| Clay, Concrete, Glass, and Stone | 25.4       | Clay, Concrete, Glass, and Stone | 8.1        |
| Waste                            | 0.2        | Waste                            | 33.5       |
| Miscellaneous Freight            | 1,389.3    | Miscellaneous Freight            | 8.2        |
| Warehousing                      | 0.0        | Warehousing                      | 0.0        |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-52 (Continued)**  
**INTERSTATE FREIGHT COMMODITIES BY MODE (2000)**

| <b>WATER FREIGHT</b>             |                   |                                  |                   |
|----------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                |                   | <b>From Florida</b>              |                   |
| <b>Description</b>               | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 1,224.9           | Agricultural Products            | 7,537.9           |
| Minerals                         | 17,730.6          | Minerals                         | 62,801.4          |
| Coal                             | 85,400.8          | Coal                             | 0.0               |
| Food                             | 214.4             | Food                             | 2,007.6           |
| Non-Durable Manufacturing        | 531.8             | Non-Durable Manufacturing        | 9.2               |
| Lumber                           | 0.0               | Lumber                           | 0.0               |
| Chemicals                        | 49,396.6          | Chemicals                        | 467.7             |
| Paper                            | 0.0               | Paper                            | 0.0               |
| Petroleum Products               | 346,526.1         | Petroleum Products               | 3,392.8           |
| Other Durable Manufacturing      | 1,226.5           | Other Durable Manufacturing      | 324.5             |
| Clay, Concrete, Glass, and Stone | 217.4             | Clay, Concrete, Glass, and Stone | 1.4               |
| Waste                            | 37,210.7          | Waste                            | 40,681.3          |
| Miscellaneous Freight            | 395.8             | Miscellaneous Freight            | 156.2             |
| Warehousing                      | 0.0               | Warehousing                      | 0.0               |

| <b>ALL MODES</b>                 |                   |                                  |                   |
|----------------------------------|-------------------|----------------------------------|-------------------|
| <b>To Florida</b>                |                   | <b>From Florida</b>              |                   |
| <b>Description</b>               | <b>Tons (000)</b> | <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 30,173.6          | Agricultural Products            | 51,517.8          |
| Minerals                         | 58,825.0          | Minerals                         | 68,475.5          |
| Coal                             | 230,971.0         | Coal                             | 0.0               |
| Food                             | 82,057.3          | Food                             | 63,447.3          |
| Non-Durable Manufacturing        | 12,910.8          | Non-Durable Manufacturing        | 6,132.2           |
| Lumber                           | 66,233.8          | Lumber                           | 26,134.7          |
| Chemicals                        | 116,310.4         | Chemicals                        | 69,036.3          |
| Paper                            | 27,333.1          | Paper                            | 31,255.9          |
| Petroleum Products               | 370,496.4         | Petroleum Products               | 5,915.7           |
| Other Durable Manufacturing      | 89,382.5          | Other Durable Manufacturing      | 27,081.0          |
| Clay, Concrete, Glass, and Stone | 37,533.1          | Clay, Concrete, Glass, and Stone | 8,096.8           |
| Waste                            | 42,901.9          | Waste                            | 51,643.1          |
| Miscellaneous Freight            | 64,718.0          | Miscellaneous Freight            | 25,548.8          |
| Warehousing                      | 41,724.9          | Warehousing                      | 38,798.0          |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-53  
INTRASTATE FREIGHT (2000)**

| <b>RAIL CARLOAD</b>              |                   |
|----------------------------------|-------------------|
| <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 116.2             |
| Minerals                         | 425,975.2         |
| Coal                             | 3,219,036.5       |
| Food                             | 3,361.4           |
| Non-Durable Manufacturing        | 0.0               |
| Lumber                           | 10,187.3          |
| Chemicals                        | 84,669.7          |
| Paper                            | 1,437.5           |
| Petroleum Products               | 28.6              |
| Other Durable Manufacturing      | 464.8             |
| Clay, Concrete, Glass, and Stone | 7,400.3           |
| Waste                            | 2,324.9           |
| Miscellaneous Freight            | 0.0               |
| Warehousing                      | 0.0               |

| <b>RAIL INTERMODAL</b>           |                   |
|----------------------------------|-------------------|
| <b>Description</b>               | <b>Tons (000)</b> |
| Agricultural Products            | 116.2             |
| Minerals                         | 0.0               |
| Coal                             | 0.0               |
| Food                             | 539.2             |
| Non-Durable Manufacturing        | 62.6              |
| Lumber                           | 0.0               |
| Chemicals                        | 453.2             |
| Paper                            | 126.1             |
| Petroleum Products               | 35.2              |
| Other Durable Manufacturing      | 105.3             |
| Clay, Concrete, Glass, and Stone | 1,915.8           |
| Waste                            | 10.4              |
| Miscellaneous Freight            | 16,682.4          |
| Warehousing                      | 0.0               |

| <b>FOR-HIRE TRUCK (truckload)</b> |                   |
|-----------------------------------|-------------------|
| <b>Description</b>                | <b>Tons (000)</b> |
| Agricultural Products             | 194.6             |
| Minerals                          | 0.0               |
| Coal                              | 0.0               |
| Food                              | 48,455.0          |
| Non-Durable Manufacturing         | 5,353.4           |
| Lumber                            | 30,389.2          |
| Chemicals                         | 121,447.6         |
| Paper                             | 6,828.4           |
| Petroleum Products                | 4,590.8           |
| Other Durable Manufacturing       | 25,910.4          |
| Clay, Concrete, Glass, and Stone  | 158,735.5         |
| Waste                             | 0.0               |
| Miscellaneous Freight             | 135,874.0         |
| Warehousing                       | 255,348.6         |

| <b>FOR-HIRE TRUCK (less-than-truckload)</b> |                   |
|---------------------------------------------|-------------------|
| <b>Description</b>                          | <b>Tons (000)</b> |
| Agricultural Products                       | 2,289.0           |
| Minerals                                    | 0.0               |
| Coal                                        | 0.0               |
| Food                                        | 757.4             |
| Non-Durable Manufacturing                   | 1,516.3           |
| Lumber                                      | 614.2             |
| Chemicals                                   | 1,026.5           |
| Paper                                       | 1,843.9           |
| Petroleum Products                          | 124.2             |
| Other Durable Manufacturing                 | 2,799.9           |
| Clay, Concrete, Glass, and Stone            | 400.8             |
| Waste                                       | 0.0               |
| Miscellaneous Freight                       | 0.0               |
| Warehousing                                 | 16,091.4          |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-53 (Continued)**  
**INTRASTATE FREIGHT (2000)**

| PRIVATE TRUCK                    |            |
|----------------------------------|------------|
| Description                      | Tons (000) |
| Agricultural Products            | 0.0        |
| Minerals                         | 0.0        |
| Coal                             | 0.0        |
| Food                             | 98,678.4   |
| Non-Durable Manufacturing        | 24,183.8   |
| Lumber                           | 31,732.4   |
| Chemicals                        | 119.4      |
| Paper                            | 13,189.3   |
| Petroleum Products               | 15,657.0   |
| Other Durable Manufacturing      | 11,482.7   |
| Clay, Concrete, Glass, and Stone | 361,761.8  |
| Waste                            | 0.0        |
| Miscellaneous Freight            | 0.0        |
| Warehousing                      | 387,354.9  |

| AIR FREIGHT                      |            |
|----------------------------------|------------|
| Description                      | Tons (000) |
| Agricultural Products            | 770.1      |
| Minerals                         | 0.0        |
| Coal                             | 0.0        |
| Food                             | 50.5       |
| Non-Durable Manufacturing        | 499.8      |
| Lumber                           | 3.7        |
| Chemicals                        | 83.7       |
| Paper                            | 145.5      |
| Petroleum Products               | 15.4       |
| Other Durable Manufacturing      | 1,749.6    |
| Clay, Concrete, Glass, and Stone | 0.0        |
| Waste                            | 0.0        |
| Miscellaneous Freight            | 939.5      |
| Warehousing                      | 0.0        |

| WATER FREIGHT                    |            |
|----------------------------------|------------|
| Description                      | Tons (000) |
| Agricultural Products            | 139.1      |
| Minerals                         | 10,058.9   |
| Coal                             | 0.0        |
| Food                             | 0.0        |
| Non-Durable Manufacturing        | 30.7       |
| Lumber                           | 0.0        |
| Chemicals                        | 0.0        |
| Paper                            | 0.0        |
| Petroleum Products               | 28,015.6   |
| Other Durable Manufacturing      | 103.0      |
| Clay, Concrete, Glass, and Stone | 25.7       |
| Waste                            | 1,394.0    |
| Miscellaneous Freight            | 0.7        |
| Warehousing                      | 0.0        |

| ALL MODES                        |             |
|----------------------------------|-------------|
| Description                      | Tons (000)  |
| Agricultural Products            | 3,625.2     |
| Minerals                         | 436,034.1   |
| Coal                             | 3,219,036.5 |
| Food                             | 151,841.9   |
| Non-Durable Manufacturing        | 31,646.6    |
| Lumber                           | 72,926.8    |
| Chemicals                        | 207,800.1   |
| Paper                            | 23,570.7    |
| Petroleum Products               | 48,466.8    |
| Other Durable Manufacturing      | 42,615.7    |
| Clay, Concrete, Glass, and Stone | 530,239.9   |
| Waste                            | 3,729.3     |
| Miscellaneous Freight            | 153,496.6   |
| Warehousing                      | 658,794.9   |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-54**  
**FLORIDA INTERSTATE FREIGHT BY STATE (2000)**

| RAIL CARLOAD       |            |                    |            |
|--------------------|------------|--------------------|------------|
| To Florida         |            | From Florida       |            |
| State / Region     | Tons (000) | State / Region     | Tons (000) |
| Georgia            | 38,235.1   | Georgia            | 15,258.2   |
| Alabama            | 34,773.0   | Alabama            | 7,072.6    |
| New England        | 1,041.3    | New England        | 661.9      |
| Mid Atlantic       | 3,116.1    | Mid Atlantic       | 13,781.2   |
| East North Central | 50,351.9   | East North Central | 16,105.9   |
| West North Central | 5,879.0    | West North Central | 12,380.8   |
| East South Central | 151,401.2  | East South Central | 13,312.4   |
| West South Central | 32,460.9   | West South Central | 7,404.7    |
| Mountain           | 7,461.9    | Mountain           | 177.1      |
| Pacific            | 4,942.3    | Pacific            | 1,852.4    |
| Eastern Canada     | 6,519.1    | Eastern Canada     | 896.2      |
| Western Canada     | 13,634.2   | Western Canada     | 1,545.9    |
| Mexico             | 278.2      | Mexico             | 794.3      |
| South Atlantic     | 34,261.3   | South Atlantic     | 12,493.1   |

| RAIL INTERMODAL    |            |                    |            |
|--------------------|------------|--------------------|------------|
| To Florida         |            | From Florida       |            |
| State / Region     | Tons (000) | State / Region     | Tons (000) |
| Georgia            | 7,726.4    | Georgia            | 2,686.1    |
| Alabama            | 674.4      | Alabama            | 468.8      |
| New England        | 206.0      | New England        | 91.2       |
| Mid Atlantic       | 4,698.0    | Mid Atlantic       | 3,224.3    |
| East North Central | 15,862.1   | East North Central | 8,182.4    |
| West North Central | 2,217.3    | West North Central | 1,706.2    |
| East South Central | 4,849.6    | East South Central | 2,630.7    |
| West South Central | 11,161.9   | West South Central | 4,288.0    |
| Mountain           | 227.4      | Mountain           | 6.4        |
| Pacific            | 3,370.8    | Pacific            | 574.4      |
| Eastern Canada     | 0.0        | Eastern Canada     | 0.0        |
| Western Canada     | 0.0        | Western Canada     | 0.0        |
| Mexico             | 0.0        | Mexico             | 0.0        |
| South Atlantic     | 5,795.5    | South Atlantic     | 3,235.2    |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-54 (Continued)**  
**FLORIDA INTERSTATE FREIGHT BY STATE (2000)**

| <b>FOR-HIRE TRUCK (truckload)</b> |                   |                       |                   |
|-----------------------------------|-------------------|-----------------------|-------------------|
| <b>To Florida</b>                 |                   | <b>From Florida</b>   |                   |
| <b>State / Region</b>             | <b>Tons (000)</b> | <b>State / Region</b> | <b>Tons (000)</b> |
| Georgia                           | 69,567.9          | Georgia               | 35,619.6          |
| Alabama                           | 4,935.2           | Alabama               | 5,050.8           |
| New England                       | 4,992.9           | New England           | 4,855.6           |
| Mid Atlantic                      | 24,112.4          | Mid Atlantic          | 14,828.5          |
| East North Central                | 25,679.5          | East North Central    | 14,685.5          |
| West North Central                | 9,034.5           | West North Central    | 6,233.3           |
| East South Central                | 10,633.6          | East South Central    | 9,661.3           |
| West South Central                | 29,006.6          | West South Central    | 17,961.3          |
| Mountain                          | 3,289.4           | Mountain              | 3,715.6           |
| Pacific                           | 6,417.3           | Pacific               | 4,797.0           |
| Eastern Canada                    | 5,248.7           | Eastern Canada        | 5,700.7           |
| Western Canada                    | 1,186.7           | Western Canada        | 1,128.5           |
| Mexico                            | 2,406.8           | Mexico                | 2,546.8           |
| South Atlantic                    | 14,242.5          | South Atlantic        | 15,628.6          |

| <b>FOR-HIRE TRUCK (less-than-truckload)</b> |                   |                       |                   |
|---------------------------------------------|-------------------|-----------------------|-------------------|
| <b>To Florida</b>                           |                   | <b>From Florida</b>   |                   |
| <b>State / Region</b>                       | <b>Tons (000)</b> | <b>State / Region</b> | <b>Tons (000)</b> |
| Georgia                                     | 4,092.8           | Georgia               | 2,003.6           |
| Alabama                                     | 1,088.6           | Alabama               | 400.8             |
| New England                                 | 1,134.3           | New England           | 398.1             |
| Mid Atlantic                                | 4,165.1           | Mid Atlantic          | 1,531.4           |
| East North Central                          | 6,745.9           | East North Central    | 1,619.3           |
| West North Central                          | 1,944.9           | West North Central    | 583.5             |
| East South Central                          | 4,103.8           | East South Central    | 773.5             |
| West South Central                          | 3,653.6           | West South Central    | 1,362.6           |
| Mountain                                    | 305.7             | Mountain              | 223.2             |
| Pacific                                     | 996.8             | Pacific               | 477.8             |
| Eastern Canada                              | 0.0               | Eastern Canada        | 0.0               |
| Western Canada                              | 0.0               | Western Canada        | 0.0               |
| Mexico                                      | 0.0               | Mexico                | 0.0               |
| South Atlantic                              | 4,108.6           | South Atlantic        | 2,237.1           |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



**Table 3-54 (Continued)**  
**FLORIDA INTERSTATE FREIGHT BY STATE (2000)**

| PRIVATE TRUCK      |            |                    |            |
|--------------------|------------|--------------------|------------|
| To Florida         |            | From Florida       |            |
| State / Region     | Tons (000) | State / Region     | Tons (000) |
| Georgia            | 18,073.0   | Georgia            | 41,335.7   |
| Alabama            | 2,045.4    | Alabama            | 5,962.2    |
| New England        | 1,339.8    | New England        | 1,151.7    |
| Mid Atlantic       | 2,620.2    | Mid Atlantic       | 3,231.9    |
| East North Central | 4,362.9    | East North Central | 3,168.7    |
| West North Central | 981.8      | West North Central | 1,152.8    |
| East South Central | 3,631.4    | East South Central | 1,938.9    |
| West South Central | 4,177.7    | West South Central | 2,430.6    |
| Mountain           | 613.3      | Mountain           | 276.7      |
| Pacific            | 956.8      | Pacific            | 2,082.5    |
| Eastern Canada     | 0.0        | Eastern Canada     | 0.0        |
| Western Canada     | 0.0        | Western Canada     | 0.0        |
| Mexico             | 0.0        | Mexico             | 0.0        |
| South Atlantic     | 4,785.2    | South Atlantic     | 7,923.0    |

| AIR FREIGHT        |            |                    |            |
|--------------------|------------|--------------------|------------|
| To Florida         |            | From Florida       |            |
| State / Region     | Tons (000) | State / Region     | Tons (000) |
| Georgia            | 423.6      | Georgia            | 8.6        |
| Alabama            | 0.2        | Alabama            | 0.0        |
| New England        | 177.0      | New England        | 0.1        |
| Mid Atlantic       | 713.1      | Mid Atlantic       | 0.5        |
| East North Central | 561.2      | East North Central | 0.2        |
| West North Central | 182.7      | West North Central | 0.0        |
| East South Central | 513.2      | East South Central | 0.0        |
| West South Central | 304.6      | West South Central | 0.2        |
| Mountain           | 43.0       | Mountain           | 0.0        |
| Pacific            | 487.2      | Pacific            | 0.2        |
| Eastern Canada     | 65.7       | Eastern Canada     | 192.1      |
| Western Canada     | 10.1       | Western Canada     | 66.3       |
| Mexico             | 0.0        | Mexico             | 0.0        |
| South Atlantic     | 187.8      | South Atlantic     | 0.2        |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).

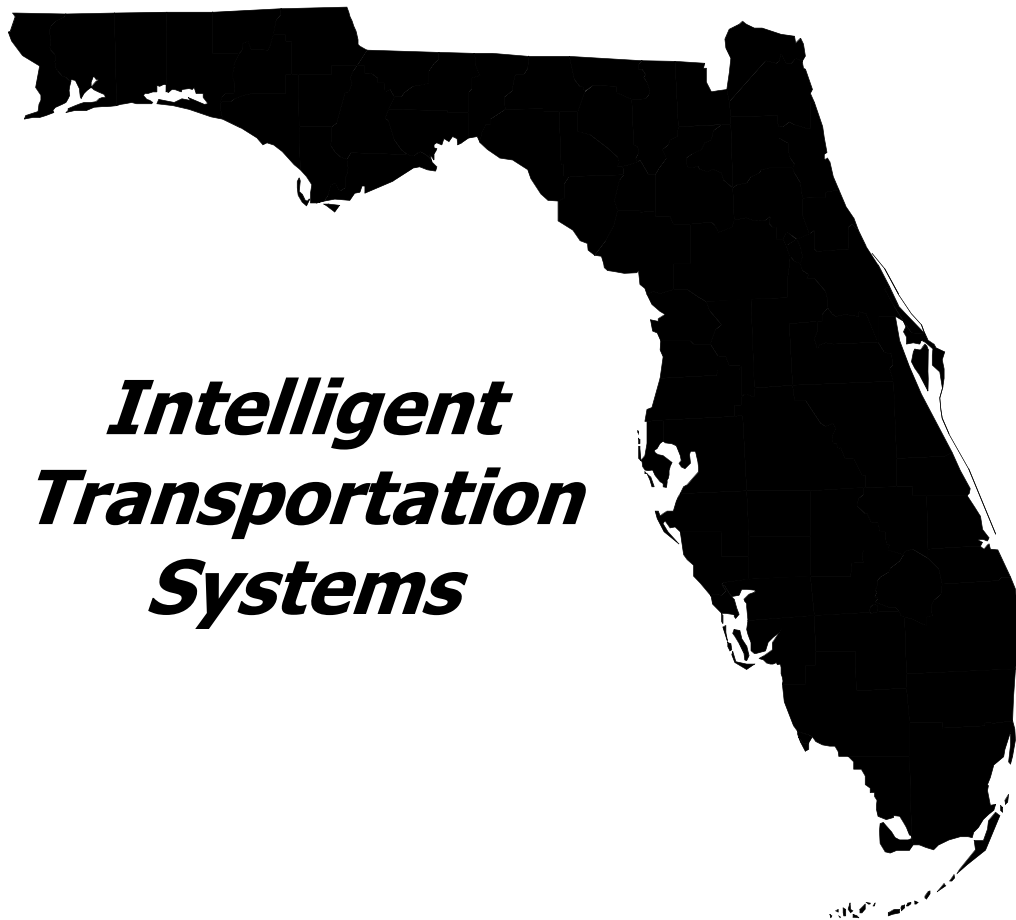


**Table 3-54 (Continued)**  
**FLORIDA INTERSTATE FREIGHT BY STATE (2000)**

| <b>WATER FREIGHT</b>  |                   |                       |                   |
|-----------------------|-------------------|-----------------------|-------------------|
| <b>To Florida</b>     |                   | <b>From Florida</b>   |                   |
| <b>State / Region</b> | <b>Tons (000)</b> | <b>State / Region</b> | <b>Tons (000)</b> |
| Georgia               | 568.1             | Georgia               | 5,902.4           |
| Alabama               | 29,548.2          | Alabama               | 19,779.7          |
| New England           | 206.7             | New England           | 0.0               |
| Mid Atlantic          | 619.5             | Mid Atlantic          | 4,160.7           |
| East North Central    | 8,796.7           | East North Central    | 31.7              |
| West North Central    | 996.9             | West North Central    | 0.0               |
| East South Central    | 62,270.1          | East South Central    | 847.2             |
| West South Central    | 420,294.3         | West South Central    | 85,737.0          |
| Mountain              | 0.0               | Mountain              | 0.0               |
| Pacific               | 0.0               | Pacific               | 14.7              |
| Eastern Canada        | 16,775.3          | Eastern Canada        | 489.0             |
| Western Canada        | 0.0               | Western Canada        | 0.3               |
| Mexico                | 0.0               | Mexico                | 0.0               |
| South Atlantic        | 0.0               | South Atlantic        | 417.5             |

| <b>ALL MODES</b>      |                   |                       |                   |
|-----------------------|-------------------|-----------------------|-------------------|
| <b>To Florida</b>     |                   | <b>From Florida</b>   |                   |
| <b>State / Region</b> | <b>Tons (000)</b> | <b>State / Region</b> | <b>Tons (000)</b> |
| Georgia               | 138,686.9         | Georgia               | 102,814.2         |
| Alabama               | 73,065.0          | Alabama               | 38,734.9          |
| New England           | 9,098.0           | New England           | 7,158.6           |
| Mid Atlantic          | 40,044.4          | Mid Atlantic          | 40,758.5          |
| East North Central    | 112,360.2         | East North Central    | 43,793.7          |
| West North Central    | 21,237.1          | West North Central    | 22,056.6          |
| East South Central    | 237,402.9         | East South Central    | 29,164.0          |
| West South Central    | 501,059.6         | West South Central    | 119,184.4         |
| Mountain              | 11,940.7          | Mountain              | 4,399.0           |
| Pacific               | 17,171.2          | Pacific               | 9,799.0           |
| Eastern Canada        | 28,608.8          | Eastern Canada        | 7,278.0           |
| Western Canada        | 14,831.0          | Western Canada        | 2,741.0           |
| Mexico                | 2,685.0           | Mexico                | 3,341.1           |
| South Atlantic        | 63,380.9          | South Atlantic        | 41,934.7          |

Source: TRANSEARCH by Reebie and Associates via Florida Department of Transportation (2000).



***Intelligent  
Transportation  
Systems***





## SECTION HIGHLIGHTS

- There are currently several components to the Intelligent Transportation System (ITS) program in Florida: Advanced Traffic Management Systems, Incident Management Systems, Advanced Traveler Information Systems, Transportation Management Systems, and Freeway Management Systems.
- The Florida Turnpike's Dynamic Message Sign (DMS) System Project installed 19 shuttered, fiber-optic DMS on full-span structures along the Turnpike mainline. Communication is accomplished via dedicated low-speed leased lines from the Pompano Traffic Management Center (TMC).
- The US 19 Advance Traffic Management System in Pasco County is the most southerly of three construction projects to be built on the full length of US 19 in Pasco County. It runs from the Pinellas/Pasco county line to Main Street. The adaptive signal system SCATS controls traffic on an areawide basis. SCATS selects combinations of cycle time, splits, and offsets from predetermined sets of parameters and on-line calculations. SCATS then directly optimizes traffic parameters for each subsystem based on measured activity and then applies offsets to achieve coordination as appropriate across the network in the corridor to optimize traffic flow.



## FLORIDA DEPARTMENT OF TRANSPORTATION INTELLIGENT TRANSPORTATION SYSTEMS REPORT

### Advanced Traffic Management Systems (ATMS)

#### Florida's Turnpike Enterprise

##### *Dynamic Message Sign (DMS) System Project*

This project installed 19 shuttered, fiber-optic DMS on full-span structures along the Turnpike mainline. Communication is accomplished via dedicated low-speed leased lines from the Pompano Traffic Management Center (TMC). Construction is complete. All of the DMS are installed and fully operational. System acceptance testing is complete. The 90-day observation period commenced October 3, 2002. A supplemental agreement has been executed with the contract to install two additional DMS in Miami-Dade County. Project contact: Gummada Murthy at (954) 975-4855.

##### *SunNavSM Phase I Fiber Project*

This project will install 68 miles of fiber optic cable and 8 Pan-tilt-zoom CCTV cameras from milepost (MP) 7 to MP 75 along the Turnpike mainline. The fiber optic cable will integrate 5 Turnpike DMS and 2 District 4 DMS within the project limits, with the Pompano TMC. The project will also provide a fiber optic drop for possible future connection to the Boca Tolls Data Center and allow for future interfaces to FDOT Districts 4 and 6. In addition, the project will install eight CCTV cameras. The project is designed to accommodate future Vehicle Detector Stations (VDS) and cameras every mile within the project limits. The Low-bid Design-Build procurement method was utilized and a Contractor has been selected. A Construction, Engineering, & Inspection (CEI) Consultant has been selected. Notice to Proceed was given to the Contractor in August 2002. Construction was started in January 2003 and completion is scheduled for April 2003. Project contact: Ingrid Birenbaum at (954) 975-4855.

##### *Ocoee Traffic Monitoring System Project*

This project will install 8 traffic-monitoring cameras and 4 Radar Traffic Monitoring System (RTMS) Vehicle Detectors from MP 263 to MP 267 along the Turnpike mainline beginning at the Turkey Lake Service Plaza and ending at the Ocoee/SR 50 Exit. The project will integrate the cameras and vehicle detectors to the Turkey Lake TMC via the existing fiber optic communications infrastructure. The project will utilize IP video transport over Ethernet. The video transport equipment has been procured, delivered, and accepted; the central equipment has been installed at the TMC. One hundred percent Plans and Technical Special Provisions (TSPs) for the field construction have been reviewed and comments are being incorporated into the Final Plans and TSPs. One of the 8 cameras is currently operational on the Orlando West Microwave Tower and can be viewed and controlled from the Turkey Lake and Pompano TMC facilities. The project has been awarded with an anticipated Notice to Proceed to the contractor in February 2003. Project contact: Craig Carnes at (407) 532-3999.

##### *Traffic Management Centers*

The Pompano TMC facility is operational 24-hours a day, 7-days a week. The Turkey Lake TMC facility is operational seven days per week from 6 AM to 11 PM. A gradual transition to 24-7 is underway at the Turkey Lake facility. Incident management is accomplished utilizing nine HARs and 19 DMSs along the Turnpike mainline. TMC operators work closely with FHP Troop K to detect, verify, and mitigate incidents. Advanced Traveler Information System operators at each facility work in close coordination with Turnpike Road Rangers through an Automatic Vehicle Locator (AVL) system. The Florida's Turnpike Enterprise is also part of the SunGuideSM 511 Advanced Traveler Information System (ATIS) partnership in Miami-Dade, Broward, and Palm



Beach Counties. Renovations at the TMC facilities are complete. Installation of the video walls, equipment racks, and operator consoles has been accomplished. Completion is noted as "ongoing."  
Project contact: Gummada Murthy at (954) 975-4855.

#### *SunNavSM Software Development and Integration*

Software development on SunNavSM Release 1.1 began in July 2002. ITS Operations and Design staff were presented a Prototype design to provide feedback to the Software Team. Development of a DMS control window and system integration continues. Release 1.01 is scheduled for installation in late February 2003. Release 1.02 and 1.03 will add drivers for CCTV and video wall. Completion is scheduled for July 2003.  
Project contact: Ranzy Whiticker at (407) 532-3999.

#### *Automated Vehicle Location (AVL) System*

This project will integrate the existing Turnpike Road Rangers' AVL system with the TMC facilities. The project has two primary objectives. First, the AVL system will provide location information to the TMC enabling more efficient response to incidents on the Turnpike by dispatching the closest available mobile asset(s). Second, the AVL system will provide the TMC with accurate vehicle speed of Turnpike monitored vehicles to help determine traffic flow. The AVL system will collect vital information and deliver this information to the TMC in "real time." AVL has been installed at the Pompano facility.  
Project contact: Gummada Murthy at (954) 975-4855.

#### *Portable Roadside Readers*

The Turnpike's Portable Roadside Reader (PRR) is a self-contained, trailer-mounted SunPass<sup>TM</sup> transponder reader. This equipment was designed to be used for SunPass<sup>TM</sup> transponder data collection and extraction at specified geographical locations. In September 2001, four PRRs were provided to the Turnpike. Two of the PRRs are based at the Pompano Beach Maintenance yard, and two are based at the Orlando South Maintenance yard. Turnpike Traffic Operations has made the PRRs available to other agencies that require traffic data. The units have been actively deployed since January 2002. Completion is noted as "on-going."  
Project contact: Derole Duncan at (954) 975-4855.

#### *SunNavSM Phase II Fiber Project*

This project will install 70 miles of fiber optic communications infrastructure and a camera approximately every mile from MP 75 to MP 145 along the Turnpike mainline. The project will integrate 5 DMS within the project limits with the Pompano TMC. The project will also provide communications to the Florida Highway Patrol Lake Worth Regional Dispatch Center. The project is designed to accommodate future Vehicle Detector Stations (VDS) within the project limits. Development of the Project Concept Report will begin in February 2003. Completion is scheduled for December 2004.  
Project contact: Ingrid Birenbaum at (954) 975-4855.

#### *Vehicle Detector Station (VDS) System*

This project will provide incident detection capability integrated with the Pompano and Turkey Lake TMCs along the Turnpike mainline. Completion is scheduled for an unspecified date in 2007.  
Project contact: Ingrid Birenbaum at (954) 975-4855.

#### *Video System*

This project will provide video-monitoring capability integrated with the Pompano and Turkey Lake TMCs along the Turnpike mainline. Completion is scheduled for an unspecified date in 2007.  
Project contact: Ingrid Birenbaum at (954) 975-4855.



## **District 1**

### **Advanced Traffic Management Systems (ATMS)**

#### *City of Winter Haven Signal Retiming Project*

This project is retiming 26 signalized intersections that are currently part of the City of Winter Haven's existing closed loop system. The notice to proceed was issued in January 2002. The analysis work is complete and timing implementation and signalization fine-tuning is underway. Completed in April 2003.  
Project contact: Chris Birosak at (863) 519-2507.

#### *Sarasota-Manatee Signal Computer System Update*

This project is a two-part study/design that will prepare an ATMS Master Plan, develop a Concept of Operations, and prepare a Design-Build Requirements Package for the Sarasota/Manatee Urban Area. The ATMS upgrade will include phased construction of a new Traffic Management Center, new central hardware and software, new controllers and cabinets, an updated communications plant, and video monitoring at selected locations. The notice to proceed was issued in June 2002 and the project is proceeding on schedule.  
Completion is scheduled for October 2003.  
Project contact: Chris Birosak at (863) 519-2507.

#### *City of Naples/Collier County Advanced Transportation Management System (ATMS), Design Group I, Construction*

This project involves constructing a hybrid traffic control system utilizing fiber optic cable for communications to 77 intersections. This is the first of two projects that are scheduled to construct the ATMS. This project will build the control centers for the city and county and communicate with 77 intersections. Completion is scheduled for June 2003.  
Project contact: Chris Birosak at (863) 519-2507.

#### *City of Punta Gorda/Charlotte County Advanced Transportation Management System, Design Group I, Construction*

This project is the construction of a hybrid traffic control system utilizing fiber optic cable for communications to 53 intersections. This is the first of two projects that are scheduled to construct the ATMS. This project will build the control center for the county and communicate with 53 intersections. Completion is scheduled for June 2003.  
Project contact: Chris Birosak at (863) 519-2507.

#### *City of Naples/Collier County Advanced Transportation Management System, Design Group II, Design*

This project will expand the computerized signal system to an additional 77 intersections and install video at 50 locations for monitoring traffic. This is the second of two projects that were scheduled to construct the ATMS. Design began in July 2001 and is continuing on-schedule. Phase III (90%) Plans are complete. Completion is scheduled for July 2003.  
Project contact: Chris Birosak at (863) 519-2507.



*City of Punta Gorda/Charlotte County Advanced Transportation Management System, Design Group II, Design*

This project will expand the computerized signal system to an additional 44 intersections and install video at 40 locations for monitoring traffic. This is the second of two projects that were scheduled to construct the ATMS. Design began in December 2001 and is continuing on-schedule. Phase II (60%) Plans are complete. Completion is scheduled for June 2003.

Project contact: Chris Birosak at (863) 519-2507.

*Lakeland Signal Computer System Update*

This project will prepare an ATMS Master Plan for the Lakeland Urban Area and develop a Design-Build Requirements Package to be used by the Department to secure a Design-Build Team, which will complete the design and construct an upgrade to the existing signal system. The ATMS upgrade will include new central hardware and software, new controllers and cabinets, an updated communications plant, and video monitoring at selected locations. The notice to proceed was issued in June 2002 and the project is proceeding on schedule. Completion is scheduled for July 2003.

Project contact: Chris Birosak at (863) 519-2507.

**District 2**

*Jacksonville Surveillance and Control System*

The Jacksonville Urban Area has begun to install the infrastructure necessary to establish its Advanced Traffic Management System. Initially focusing on highly congested corridors, the foundation of this system will provide for the future expansion of the system and will integrate operations with the city signal system, and the Jacksonville Transportation Authority.

I-10 (Phase III)

Work has been completed on this roadway system as of June 2002. CCTV cameras and video detection have been deployed to complement existing DMS along the roadway. An all-inclusive TMC software package (SunGuide) was developed to control field elements (CCTV, DMS and VIDS), monitor alarms and track completed maintenance tasks.

I-95 South (Phase III)

This project began construction in May 2003. It involves the deployment of ITS devices along I-95 in Duval County between the Fuller Warren Bridge and Greenland Road. Cameras, non-invasive traffic detectors and cantilevered dynamic message signs will be installed along this roadway system. Modifications to the internal components of the TMC will be made to incorporate these new devices (i.e. database modification, software revision, and hardware changes).

I-95 North (Phase IV)

This project will be advertised in July 2003. It involves the deployment of ITS devices along I-95 in Duval County between the Fuller Warren Bridge and Airport Road. Cameras, non-invasive traffic detectors and cantilevered dynamic message signs will be installed along this roadway system. Modifications to the internal components of the TMC will be made to incorporate these new devices (i.e. database modification, software revision and hardware changes). Work should be completed by Spring 2005.



### District 3

#### *Tallahassee ATMS*

Features of this Advanced Transportation Management System include 170-type field equipment, video monitoring, traveler advisory radio, and fiber optic communications. Renovation of the Traffic Management Center and CCTV integration has been completed.

#### *Okaloosa County/Fort Walton Area*

Construction is underway for an area-wide Advanced Traffic Management System. Features are to include a server-based distributed traffic signal system with, 2070 series controllers, fiber optic backbone, DMS and CCTV capability.

#### *Bay Area County Regional ITS*

This project includes a \$1 million earmark in FY2000 and a \$1.5 million earmark in FY2001 that proposes to fund design and construction of a fiber optic communications backbone within Florida's Bay County. Construction services will include the implementation of an ATMS and integration of that ATMS with, what will then be, the existing IMS system at the Hathaway Bridge Replacement Project. Major partners in the project will be the Florida Department of Transportation District III Traffic Operations, Bay County Traffic Engineering Department and the Bay District Schools. The Bay District Schools are a unique partner in that they are not traditionally considered in transportation issues. However, they are interested in the formulation of a communication network that will assist in connecting the area 34 schools together to maximize their distance-learning program. This would also allow for integration of the Bay District Schools with emergency services for improved and real-time emergency management communication during emergency shelter operation. A regional architecture has been completed with design-build packages to be let by the end of the year.

### District 4

#### *Broward County Advanced Traffic Management System (ATMS)*

This multi-years project replaces the existing old Urban Traffic Control System used at about 1,300 intersections with a new Traffic Signal System using Type 2070 controller that complies the National Transportation Communications for ITS Protocol (NTCIP) standard. A countywide fiber optical network with eight Gigabit Ethernet Switches forms a backbone fully redundant communication network with a mesh topology. Along with over one thousand edge routers, this communication network brings images from about 300 Close Circuit Television (CCTV) back to the ITS Operation Facility. The network also connects all those intersection signal controllers, about one hundred Dynamic Message Signs (DMS), and other traffic detectors to the traffic management center. All these subsystems are fully integrated into a single software control platform that is capable of configuring, controlling, and monitoring these subsystems as well as alarm generation, logging, and incident managing. This project is implemented in six phases in terms of time and location.

#### *Palm Beach County Advanced Traffic Management System (ATMS)*

Palm Beach County is replacing the existing old Urban Traffic Control System used at intersections with a new Traffic Signal System using NEMA TS2 controller that complies the National Transportation Communications for ITS Protocol (NTCIP) standard. A countywide fiber optical network with eight Gigabit Ethernet Switches forms a backbone fully redundant communication network with a mesh topology. Along with over one thousand edge routers, this communication network brings images from Close Circuit Television (CCTV) back to the ITS Operation Facility. The network also connects all those intersection signal controllers, Dynamic Message Signs (DMS), and other traffic detectors to the traffic management center. All these subsystems are fully integrated



into a single software control platform that is capable of configuring, controlling, and monitoring these subsystems as well as alarm generation, logging, and incident managing.

#### *Palm Beach County New Traffic Management Center (TMC)*

Palm Beach County is building a new Traffic Management Center along with the contribution from Florida Department Of Transportation. The center will house operators from different agencies working together to promptly response public needs under Palm Beach's management. This Traffic Management Center will be able to control all Close Circuit Televisions (CCTV), Dynamic Message Signs (DMS), and traffic detectors through a countywide fiber optical network with Gigabit Ethernet routers.

#### *City of Boca Raton Advanced Traffic Management System (ATMS)*

The City of Boca Raton is in the process of building a citywide ring shaped fiber optical communication network that enable the city traffic engineers control all intersection signal controllers, Close Circuit Televisions (CCTV), Dynamic Message Signs (DMS), and detectors from a central office. All the old signaling systems will also be replaced by the new NEMA TS2 controllers that comply the National Transportation Communications for ITS Protocol (NTCIP) standard.

### **District 5**

#### *I-4 SMIS - US 192 to Lake Mary Boulevard*

A complete system of cameras, detection, and changeable message signs has been deployed from World Drive in Osceola County to Lake Mary Boulevard in Seminole County. The total length of this system is 39 miles and was built in two phases. Capital investment totaled approximately \$8.7 million (design/construction/CEI).

#### *4 SMIS Phase 3 - St. Johns River Bridge Replacement*

Phase 3 of the I-4 SMIS system is part of the St. Johns River Bridge reconstruction project. This project will extend the existing system from Lake Mary Boulevard in Seminole County to SR 472 in Volusia County. A total of nineteen (19) CCTV cameras, thirty (30) detector stations and six (6) Dynamic Message Signs will be added along with the expansion of the fiber optic network to the new ITS devices. This project also includes a fiber optic communication link to the District Office to create an Emergency Operations Center and the integration of an operator interface computer at the District 5 Offices in Deland. The EOC in the District Office will be accomplished under another contract and will include a video screen, a projector, and a workstation for the SMIS Operator Interface.

#### *I-4 SMIS Phase 4 - I-4 Widening from US 192 to US 27*

Phase 4 of this system is part of a 6-lane reconstruction project in Osceola County. The ITS elements will extend from the existing system at World Drive to US 27 in Polk County. A total of eight (8) CCTV cameras, sixteen (16) detector stations and five (5) Dynamic Message Signs will be added. This project is funded for construction in fiscal year 2003.

#### *I-4 Auxiliary Lanes from SR 536 to SR 528*

This Design/Build Project included relocating and/or replacing all existing components of the existing I-4 SMIS that are located within the construction limits and impacted by the widening of I-4 from SR 536 to SR 528 Beeline Expressway. The existing fiber optic cable located on the eastbound side of I-4 will be maintained and used for system operation during the construction phase and the new 72-strand cable will be placed on the westbound side of I-4. This will create a redundancy in the system along this section.

*I-4 Auxiliary Lanes from SR 528 to SR 482*

This Design/Build Project will include relocating and/or replacing all existing components of the existing I-4 SMIS that are located within the construction limits and impacted by the widening of I-4 from SR 528 Beeline Expressway to SR 482 Sand Lake Road. The existing fiber optic network within the project limits shall be maintained and the new 72-strand fiber optic network shall be placed on the westbound side of I-4.

*I-4 Auxiliary Lanes from SR 423 to SR 436*

This Design/Build Project will include relocating and/or replacing all existing components of the existing I-4 SMIS that are located within the construction limits and impacted by the widening of I-4 from John Young Parkway to SR 436.

*I-4 Auxiliary Lanes from SR 435/Kirkman Road to Florida's Turnpike*

This construction project will include relocating and/or replacing all existing components of the existing I-4 SMIS that are located with the construction limits and impacted by the widening of I-4 from SR 435/Kirkman Road to Florida's Turnpike.

*I-4 Widening from Lake Mary Boulevard to US 17/92*

This construction project will include relocating and/or replacing all existing components of the existing I-4 SMIS that are located with the construction limits and impacted by the widening of I-4 from Lake Mary Boulevard to US 17/92.

*I-4 SMIS Upgrade from SR 436 to Lake Mary Boulevard*

This project will upgrade all of the existing ITS elements on I-4 from SR 436 to Lake Mary Boulevard.

*I-95 Daytona Area Smart Highway (DASH) System*

A complete system of cameras, detection, and changeable message signs has been deployed along a 10-mile section including the interchanges along I-95 and I-4 in the Daytona Beach area. This system is known as Daytona Area Smart Highway (DASH) surveillance and control system and is co-monitored and co-controlled by the City of Daytona Beach and Florida Department of Transportation. The system has a total of ten (10) CCTV cameras, ten (10) detector stations and four (4) Dynamic Message Signs. Capital investment totaled approximately \$1.8 million.

*I-95 Phase 2 - I-95 / SR 528 Hurricane Evacuation System*

Phase 2 of the I-95 system is proposed at SR 528 in Brevard County. The primary purpose of this system is to aid in the evacuation of east and south Florida. The system will be monitored from the RTMC and includes a total of twelve (12) CCTV cameras, thirteen (13) detector stations and six (6) Dynamic Message Signs.

*I-95 Widening North of US 92 to South of I-4*

This construction project will include relocating and/or replacing all existing components of the existing DASH that are located with the construction limits and impacted by the widening of I-95 from North of US 92 to South of Interstate 4.



### *I-95 DASH Expansion*

This project will expand the existing DASH system and add new ITS devices to the DASH system, including connecting ITS to some arterial roads. The new ITS devices will be added on I-4 from SR 44 to US 92 and on I-95 from US 92 to SR 40.

### *I-95 Northern DASH Expansion*

This project will expand the existing DASH system North on Interstate 95, including connecting ITS to some arterial roads. This project will expand DASH from SR 40 North to US 1.

### *I-95 Southern DASH Expansion*

This project will expand the existing DASH system south on Interstate 95, including connecting ITS to some arterial roads. This project will expand DASH from Interstate 4 south to SR 44.

### *I-95 Expansion HES and DASH*

This project will expand the existing DASH and HES on Interstate 95, including connecting ITS to some arterial roads. This project will expand these systems from SR 520 to SR 519.

### *I-75 Phase 1*

Phase 1 of the I-75 system is proposed to cover all of Sumter County, including the I-75/Turnpike interchange. The project will cross into Hernando County to provide complete coverage south of the rest areas.

### *I-75 Phase 2*

Phase 2 of the I-75 system is proposed to cover all of Marion County, including the Ocala area.

### *Regional Traffic Management Center*

A Regional Traffic Management Center has been constructed in Orlando and is operational. All existing I-4 traffic information flows through this center. Currently joint operation of the system is located within the RTMC between FDOT and FHP. The planned renovation/retrofit project will provide an overall system design that will provide scalability that will allow for future growth and expansion throughout the entire Central Florida region to include I-4, I-95, and I-75. Currently there are existing and planned network interfaces with other regional agencies to interface requirements and specifications that will facilitate bringing them on-line with the RTMC communications upgrade. This project shall include the design, equipment, software procurement, installation, and system integration of a state-of-the-art Gigabit Ethernet communications network backbone of the I-4 Surveillance and Motorist Information System (SMIS) as well as the Regional Traffic Management Center (RTMC) building modifications and upgrades to support future operations and Florida Highway Patrol (FHP) call/dispatch station expansion plans.

**District 6***Signal System Upgrade*

This is a Miami-Dade Countywide Project. It involves upgrading the Traffic Control System (TCS) to an ATMS capable of handling 4,096 controllers, implementing national ITS standards, transitioning the County from leased phone lines, and replacing aging system. Phase A is Design - Alpha Test 16 site locations. Phase B is Implementation. Completion for Phase A is July 2003 and Phase B is December 2009.

Project contact: Angel Reanos at (305) 499-2483.

**District 7***US 19 Advance Traffic Management System for Pasco County*

This project is the most southerly of three construction projects to be built on the full length of US 19 in Pasco County to install an ATMS. It runs from the Pinellas/Pasco county line to Main Street. The adaptive signal system SCATS will be installed to control traffic on area basis. SCATS select combinations of cycle time, splits, and offsets from predetermined sets of parameters and on-line calculations. SCATS then directly optimizes traffic parameters for each subsystem based on measured activity and then applies offsets to achieve coordination as appropriate across the network in the corridor to optimize traffic flow. The components of the project include 2070N signal controllers, additional vehicle detectors, video monitoring, dynamic message signs, fiber optic trunk line, and a new Pasco County Traffic Management Center (TMC). The construction project was advertised and let in October 2002. The project leverages the system manager/system integrator contracting strategy. Florida Department of Transportation (FDOT), with the aid of the system manager, is currently purchasing the central software and all ITS devices for delivery to the prospective contractors. Completion is scheduled for November 2003.

Project contact: Bijan Behzadi at (813) 975-6733.

*Pinellas Countywide ATMS/Clearwater SR 60 ATMS*

Pinellas Countywide ATMS deals with the development of an integrated Advanced Traffic Management System focusing on four corridors identified by the MPO. One of the four corridors is SR 60 (Gulf to Bay Blvd.) for which the feasible design study was completed under the Clearwater SR 60 ATMS Feasibility Study. The other three corridors for development are the full length of US 19 in Pinellas County, McMullen Booth Road (CR 611), and Ulmerton Road (SR 688). The major ITS components to be deployed are an adaptive signal system using Advance Traffic Controllers (ATC), CCTV cameras at intersections and mid blocks, dynamic message signs, video imaging detection, and installation of fiber optic backbone. In addition to the corridor type work, the project will work toward integrated operation of the three separate jurisdictional Traffic Control Centers in the county, i.e., City of Clearwater, City of St. Petersburg, and Pinellas County. The feasibility study was completed in May 2002 and it identified three phases for implementing ATMS on the four corridors. The System Manager is proceeding with the preparation of construction plans and procurement documents for the first phase that is funded for construction. The single design project promotes the targeted systems integration, as well as accounting for the adaptive signal system to be implemented on the four corridors which use a suite of two algorithms which are OPAC (Optimized Policies for Adaptive Control) and RHODES (Real-time, Hierarchical, Optimized, Distributed, Effective System). Completion is scheduled for December 2004.

Project contact: Bijan Behzadi at (813) 975-6733.

*Hernando Countywide Traffic Signal System*

This project develops a closed-loop signal system for all the signals in the county to be controlled from a Traffic Operations Center in Brooksville. The system is an Econolite Aries with 64 intersections divided into 11 control sections connected by a combination of fiber optic and leased telephone lines. Project was awarded in February



2002 at \$1.6 million. The pre-construction meeting was held September 13 and construction has started. The contract is for 250 days and is scheduled for completion in July 2003.  
Project contact: Keith Crawford at (813) 975-6255.

#### *City of Tampa Traffic Video Monitoring System*

This project is for the development of an integrated traffic video monitoring system to be deployed along three corridors within the City of Tampa. The three corridors are SR 60 (Kennedy Blvd), SR 600 (Gandy Blvd.) and SR 597 (Dale Mabry Hwy). A feasibility study will be conducted on the three corridors to determine the limits of the video system and the communications requirements. Based on the feasibility study, plans will be developed to place video cameras along the corridors, establish the communication links from the field to the City's Traffic Management Center (TMC) and modifications to the TMC to integrate the video. A System Manager was selected in May 2002. Completion is December 2004.  
Project contact: Bijan Behzadi at (813) 975-6733.

### **Advanced Traveler Information System (ATIS)**

#### *Traveler Information*

Provides uniform, multi-modal, real-time traveler, and traffic information in South Florida (Palm Beach, Broward, Miami-Dade, and Monroe) under the SunGuideSM program. There is a Traveler Information Center located in the Golden Glades Interchange Area, Interactive Voice Response telephone system, and website ([www.smartraveler.com](http://www.smartraveler.com)) that is already operational. Snapshots of real-time traffic conditions are available on the web. 511 Service launched on July 16, 2002 at a news conference. Public outreach campaign includes radio spots, outdoor advertising, printed press releases, media kits, tollbooth cards, videos, mail inserts, and deployment of 511 signs. In addition, SmartRoute Systems is committed to provide long-term marketing opportunities. All carriers with the exception of Verizon provide the service in South Florida. Consumer Information Network (CIN) tentatively to begin Summer 2003. Traveler Information services commenced on May 2001. Completion is scheduled for November 2005.  
Project contact: Rene deHuelbes at (305) 470-5341.

### **Transportation Management System**

#### *Integrate ITS in Volusia County*

Integrate ITS in Volusia County will integrate the Intelligent Transportation Systems (ITS) elements in Volusia County and provide the ability for the FDOT, the City of Daytona Beach, Volusia County Traffic Engineering, and VOTRAN to share information for traffic management. This integration project will allow each of these agencies to share all available tourist, incident, congestion, and emergency information. There will be an ITS Architecture developed for Volusia County. The FDOT, Daytona Beach, and Volusia County will integrate their existing video systems to allow each of the agencies to view the others' cameras and enable the video to be efficiently sent to other entities. Also included is the dissemination of video to VOTRAN. This will provide video feeds from all cameras to assist in transit management. This project also includes a fiber optic connection on I-4 from SR 44 to the existing DASH system and to the Volusia County Emergency Operations Center.

#### *I-95 Intelligent Corridor System Package B*

Installation of 7 freeway dynamic message signs (FDMS), 8 arterial dynamic message signs (ADMS), 53 detector stations (remote traffic microwave sensors [RTMS] & loops), 27 trailblazers, 14 emergency stopping sites (ESS), and 22 ramp signaling sites along SR 9A (I-95). First contract day was October 14, 2002. Last contract day is June 25, 2006. Construction phase already started with installation of trailblazers, ESS, and RTMS at various locations. Completion is scheduled for July 2005.  
Project contact: Dari Vorce at (305) 499-2392.



### *I-95 Intelligent Corridor System Package C*

Construction of a 32,000-square foot SunGuideSM Transportation Management Center (STMC) at the southern end of the existing Florida Highway Patrol Al Lofton Building grounds. Construction time of 471 days. No excuse bonus of \$0.5 million to be awarded if building is finished by 375 days (January 2003). This project has been completed.

Project contact: Dari Vorce at (305) 499-2392.

### *Package C - ITS Video Wall & Consoles*

Installation of specialized state-of-the-art video projection equipment in the future SunGuideSM TMC Building. Equipment for the communications hub will be procured and migration of existing communication circuits will be achieved. Furniture to support both SunGuideSM and Law Enforcement staff operations will also be procured. Project to be advertised early 2003. Notice to Proceed to be sent to the Contractor on July 15, 2003. Completion is scheduled for December 2003.

Project contact: Omar Meitin at (305) 499-2493.

### *SR 826 (Palmetto Expressway) East/West ITS Deployment*

Design Build Project to be constructed concurrently with ITS Deployment in the Upper Florida Keys Project. Installation of 50 detector stations, 9 CCTV (cameras), 4 FDMS, and 3 field nodes from NW 122nd Street to Golden Glades Interchange (GGI). Notice to Proceed issued on May 30, 2003. Completion is scheduled for December 2004.

Project contact: Omar Meitin at (305) 499-2493.

### *SR 5 (US 1 Monroe County) ITS Deployment in the Upper Florida Keys*

Design Build Project to be constructed concurrently with SR 826 ITS Deployment. Installation of 4 FDMS, 7 CCTV (cameras), & 2 RTMS detector stations from Florida City to Abaco Road in Key Largo. Notice to Proceed was issued on May 30, 2003. Completion is scheduled for December 2004.

Project contact: Omar Meitin at (305) 499-2493.

### *SR 5 (US 1 Monroe County) ITS Deployment for the Lower Florida Keys*

Feasibility study recommends installation of 22 dynamic message signs (DMS), 8 HAR (highway advisory radio), 7 detector stations, and 4 CCTV from Abaco Road (Key Largo) to City of Key West. Providing that enough funding is obtained, the project may be let in April 2004. Completion in December 2006.

Project contact: Omar Meitin at (305) 499-2493.



## Freeway Management Systems

### *City of Orlando Regional Computerized Signal System*

A feasibility and implementation study has been completed for the RCSS. The project is being administered by the City of Orlando through a JPA with FDOT. Deployment of the system is funded and has begun. The fiber optic backbone is being installed as part of District 5's Pushbutton Program. A decision has been made to go with Gigabit Ethernet with Extreme Ethernet switches and to use Naztec NTCIP compatible controllers for the City's Regional Computerized Signal System. Total funding is estimated at \$7.0 million.

### *Seminole County ATMS Project*

Seminole County ATMS project is a subset of the RCSS. Administration of the project is by Seminole County through a JPA with FDOT. Seminole County used Orlando's RCSS project's feasibility and implementation study therefore adopted the approach of using Gigabit Ethernet with Extreme Ethernet switches and the Naztec NTCIP compatible controllers for the County's Signal System. Deployment of the ATMS system has begun and the County has selected Comview Technologies for their video wall. Total funding is estimated at \$3.0 million.

### *Orange County ATMS Project*

Orange County ATMS project is also a subset of the RCSS. The project will begin with a consultant selection in February 2003 to complete the feasibility and implementation study. Deployment is anticipated shortly thereafter. Administration of the project is by Orange County through a LAP agreement with FDOT. Total funding is estimated at \$7.0 million.

### *ITS Fiber Optic to DeLand Maintenance Office*

This project will provide fiber optic interconnect from SR 44 to the DeLand Maintenance Office on Kepler Road and will provide the capability for the maintenance office to fully monitor the ITS systems currently deployed in District 5 as well as communicate with the Regional Traffic Management Center (RTMC), District 5 office in DeLand, and ultimately other maintenance offices and centers located on the communications network. This project is currently being designed in-house and will include the traffic signal at Kepler Road and US 92.

### *ITS Fiber Optic Oviedo Maintenance Office*

This project will provide fiber optic interconnect from Interstate 4 to the Maintenance Office on SR 426. This will provide the capability for the maintenance office to fully monitor the ITS systems currently deployed in District 5 as well as communicate with the Regional Traffic Management Center (RTMC), District 5 office in DeLand, and ultimately other maintenance offices and centers located on the communications network. This project is currently being designed in-house. This fiber optic connection will be accomplished through D-5's Pushbutton Program to accelerate the construction schedule of this project.

### *ITS Fiber Optic*

These projects will provide fiber optic interconnect to each of the six District 5 Maintenance offices for a seamless and fully integrated communications network for optimal maintenance operations and efficiency and will provide the capability for the maintenance offices to fully monitor the ITS systems currently deployed in District 5 as well as communicate with the Regional Traffic Management Center (RTMC), District 5 office in DeLand, and other maintenance offices and centers located on the communications network. These projects are currently unfunded.



### *ITS Fiber Optic FHP DeLand Office*

This project will provide fiber optic interconnect from FDOT DeLand Maintenance to the FHP DeLand Office on US 92. This will provide the capability for FHP to fully monitor the ITS systems currently deployed in District 5 as well as communicate with the Regional Traffic Management Center (RTMC), District 5 office in DeLand, and ultimately other centers located on the communications network. This line of communication will assist in implementing the Open Roads Policy established between FHP and FDOT. This project is currently being designed in-house. This fiber optic connection will be accomplished through D-5's Pushbutton Program to accelerate the construction schedule of this project.

### *ITS Fiber Optic FHP Cocoa Office*

This project will provide fiber optic interconnect from I-95 at SR 520 to the FHP Cocoa Office on SR 520. This will provide the capability for FHP to fully monitor the ITS systems currently deployed in District 5, as well as, communicate with the Regional Traffic Management Center (RTMC), District 5 office in DeLand, and ultimately other centers located on the communications network. This line of communication will assist in implementing the Open Roads Policy established between FHP and FDOT. This project is currently being designed in-house. This fiber optic connection will be accomplished through D-5's Pushbutton Program to accelerate the construction schedule of this project.

## **District 7**

### *Tampa Bay SunGuide Center*

Development of a RTMC in Tampa for Freeway Management on sections of I-275, I-75, and I-4. A System Manager will design the building and operating equipment for the center, procure and integrate the operating equipment for the center, and perform CEI services for construction projects to build the center. The prime System Manager TEI was selected in June 2002. TEI with DMJM Harris as a sub-consultant are currently undertaking the Preliminary Design of the Building. Completion is April 2006. Project contact: Bill Wilshire at (813) 975-6612.

### *Tampa Bay SunGuide Freeway Management System PHASE I*

Construction of the ITS field devices for the Freeway Management System on various roadway segments in Tampa Bay on I-275 and I-4. These field devices will connect to and be managed from the RTMC being built as the Tampa Bay SunGuide Center. The first roadway section is I-275 in north Tampa from MLK Blvd. to Bearss Avenue with a Fiber communications link from I-275 to the RTMC located at the District 7 Headquarters. System Manager TEI has been authorized to begin design on this first roadway segment. Completion is April 2006. Project contact: Bill Wilshire at (813) 975-6612.

## **Advanced Traveler Information Systems**

### **District 5**

#### *iFlorida*

The overall project includes about 24 elements that include metropolitan travel time expansion using toll transponder and/or license plate readers, expansion of the camera monitoring system on the arterial system, fiber backbone expansion to connect critical infrastructure, I-4 variable speed limit sign trial based on road and weather conditions, monitoring of two key evacuation routes SR 528 and SR 520 to support evacuations from South Florida and the coastal areas, security monitoring of two bridges - Fuller Warren in Jacksonville and the Bennett Causeway which leads to the Kennedy Space Center, weather sensors that provide existing and



forecasted information for better traffic control and maintenance deployment, and a local project that will develop recommended practices for emergency evacuations of attractions and special event venues. All iFlorida elements are to be deployed over a two-year period, with another two years dedicated to evaluating the systems for possible deployment nationwide. iFlorida will expand District Five's 511 Regional Travel Information Service to include arterial, airport, transit and weather information. A new statewide reporting system will provide information on events, incidents, weather and construction reports on the Florida Interstate Highway System (FIHS). This information will be integrated and used to implement a Statewide 511 Traveler Information System that will fill the gaps of the existing and proposed 511 Metro Systems.

## 511

On June 24, 2002 District 5 launched the implementation and operation of an Advance Traveler Information Service for use with 511 Dialing Code. Currently, the 511 coverage areas are divided into I-4 Corridor Segments: Attractions (Polk County to Turnpike), Downtown Orlando (Turnpike to SR 436), Seminole County (SR 436 to St. Johns River Bridge), and Volusia County (St. Johns River Bridge to I-95). Additionally, special alert sections are available for I-95 Segments: I-95 Brevard County and I-95 Volusia County.

The I-4 Travel Information System is operated from the District 5 RTMC where professional announcers, verify all traveler information and record the information message sets. The message sets relay real time information regarding congestion, incidents, construction updates, and special events that may cause the motorists delays. The announcers record the travel information every 20 minutes or immediately as traffic conditions change. All calls are recorded on servers and routed to call centers, where the interactive voice response (IVR) system with full speech recognition technology provides the travelers with instructions.

By dialing 511 travelers are able to get around-the-clock, real-time traffic and road condition updates to help make travel related decisions on route selection, departure time or even mode of travel. Information on road conditions not only help the traveler, it also helps to divert traffic away from congested areas, thus reducing the affects of the congestion. Because of Florida's commitment to the deployment of Intelligent Transportation Systems, up-to-the-minute traveler information is available and 511 provides an easy-to remember phone number that can be used to access this traveler information.

## District 7

### *District Seven Advanced Traveler Information System (ATIS)*

A final Scope of Services/Functional Requirements to contract with an ATIS Information Service Provider (ISP) for the Tampa Bay region, is near the point of completion. Once executed, the ISP contractor will have 30 days to submit a draft Program Management Plan for FDOT's approval. Approval of the Program Management Plan will mark the beginning of a five-year contract for providing traveler information service to the Tampa Bay traveling public. Completion is July 2003.

Project contact: Bill Wilshire/Mike Jackson at (813) 975-6612/6259.

### *Skyway Video Monitoring System Modifications*

The Project added video cameras to the center span of the bridge, improved the existing video monitoring system, and established video links from the bridge to FHP Troop C Dispatch, FDOT District 7 Headquarters, and the Crisis Center for Tampa Bay. Images from the cameras will also be made available for the news media and for the FDOT Internet web page for general use by travelers and for evacuation coordination. Design-Build contract for \$0.8 million was awarded to TransCore in January 2002. Design and construction of the initial project was completed. Additional work was added to the project to include; an audible Alarm System for inside the Skyway Bridge, additional security cameras, and CCTV for the Tampa Bay shipping channel.

Project contact: Bill Wilshire at (813) 975-6612.



### *Intelligent Transportation Infrastructure Program*

A project agreement with Mobility Technologies, the pre-selected private partner per federal Task Order, to install and operate about 100 vehicle detection sensors on Tampa Bay Interstates was executed on May 19, 2003. The construction manager for Mobility Technologies will now initiate the permitting process needed to install and maintain the sensors. Completion in December 2003 for sensory installation.

Project contact: Bill Wilshire at (813) 975-6612.

## **Incident Management Systems (IMS)**

### **District 1**

#### *Feasibility Study For An Incident Management System For The Edison, Caloosahatchee, Midpoint, and Cape Coral Bridges in Lee County*

The overall objective of this project will be to determine the feasibility and develop a conceptual design for an Incident Management System (IMS) for four bridges over the Caloosahatchee River that connect Lee County and the City of Fort Myers with North Fort Myers and the City of Cape Coral in Lee County, Florida. The study will provide sufficient detail to enable cost and benefit estimates to be obtained, supporting the subsequent development of detailed design plans, specifications and deployment cost estimates. The study will also develop and define an ITS framework for IMS in the study area. Completion is June 2003.

Project contact: Michael Tako-Nicolaisen at (863) 519-2395.

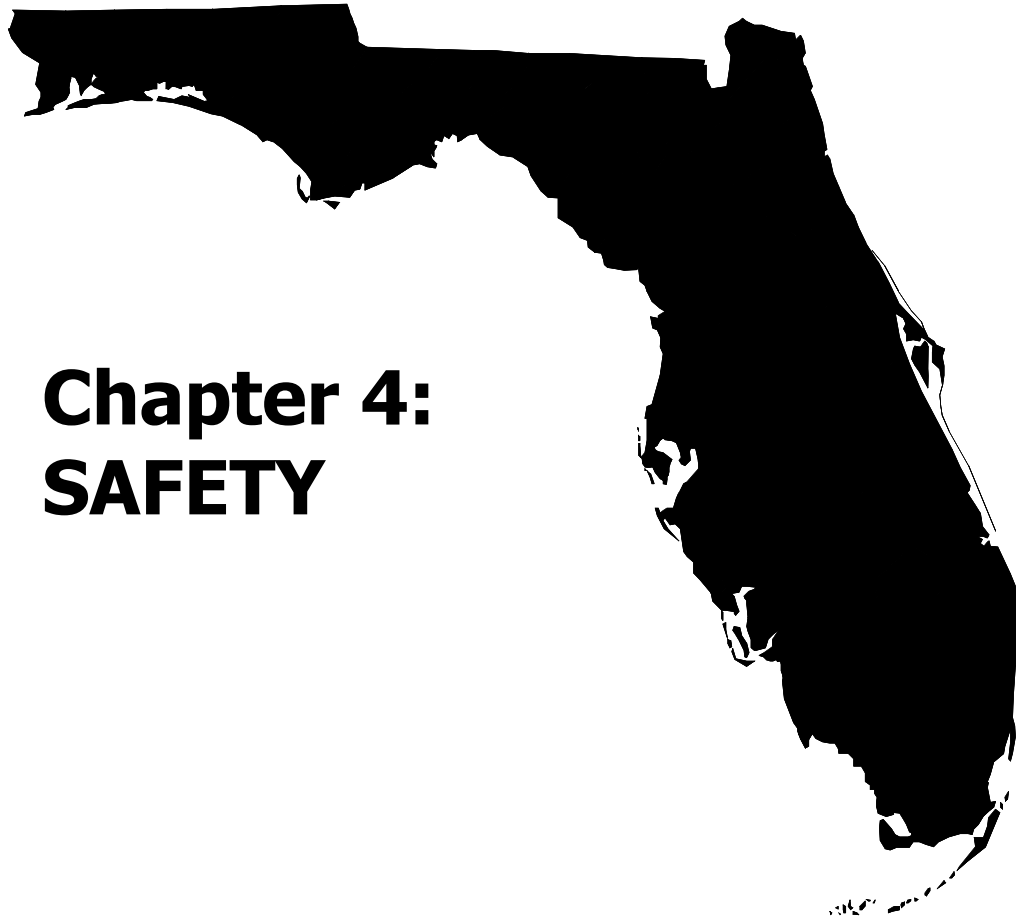
### **District 4**

#### *Pensacola Bay Bridge*

This project consists of wrong way motorist detection and advisory equipment for use on the bridge. Project funding was via a Federal Highway Administration Priority Technology Program Grant. Features include directional inductive loop detection and monitoring, coupled with high-visibility signs and flashing warning lights. Concurrent to activation of the system, an alarm message will be transmitted to a nearby Police Department.

#### *Bay County Hathaway Bridge IMS*

The current IMS consists of CCTV cameras feeding back to Florida Highway Patrol (FHP) Headquarters next to the bridge and Dynamic Message Signs located over US 98 travel lanes approaching the bridge to warn and direct motorists when incidents occur on the bridge. This system is monitored 24-hours a day by the FHP. An FDOT project to replace the existing 4-lane Hathaway Bridge with a new 8-lane facility will include an additional ITS component, a weather monitoring/warning station, being added to the system, as well as expansion of the number of camera and changeable message sign units now present. These components will be integrated into the Bay County Area Regional ITS program through the planned fiber optic network.



## **Chapter 4: SAFETY**





## SECTION HIGHLIGHTS

- Compared to 2000, there was a 3.9 percent increase in traffic crashes investigated and reported in 2001.
- Compared to 2000, there was a 0.47 percent increase in traffic fatalities in 2001.
- Compared to 2000, there was a 1.3 percent increase in traffic injuries in 2001.
- In 2001, 33.2 percent of traffic fatalities and 9.5 percent of traffic crashes were alcohol-related. There were increases of 2.1 percent in alcohol-related traffic fatalities and 3.5 percent in alcohol-related traffic crashes for the year 2001 compared to 2000.
- In 2001, 60.5 percent of all crashes occurred primarily in business areas, while 59.5 percent of fatal crashes were in open country or residential areas.
- In 2001, 16.9 percent of all traffic fatalities involved pedestrians. There were 4 more pedestrian fatalities in 2001 than in 2000.
- In 2001, 3.6 percent of all traffic fatalities were bicycle drivers. There was a 28.9 percent increase in this category in 2001 compared to 2000.
- In 2001, 8.4 percent of all traffic fatalities were motorcycle drivers. There was a 11 percent increase in motorcycle fatalities in 2001 compared to 2000.
- In 2001, drivers age 15-19 were involved in 553 crashes per 10,000 licensed drivers and 5 fatal crashes per 10,000 licensed drivers; the highest for all driver age groups in Florida.
- From 1981 to 2001, the death rate on Florida's highways decreased from 4.1 to 2.0 deaths per 100 million vehicle miles of travel.
- From 1981 to 2001, the number of licensed drivers in Florida increased by 75 percent.
- From 1981 to 2001, the number of registered vehicles in Florida increased by 70 percent.



**Table 4-1**  
**2001 TRAFFIC CRASHES - DEFINITION OF TERMS**

|                                                  |                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alcohol-Related Traffic Crash</b>             | A crash involving a driver and/or pedestrian for whom alcohol use was reported (does not presume intoxication).                                                                                                                                                                                                                                     |
| <b>Bicycle</b>                                   | A vehicle propelled solely by human power or a motorized bicycle propelled by a combination of human power and an electric helper motor rated at 200 watts or less (this term does not include a vehicle with a seat height less than 26 inches from the ground when the seat is adjusted to its highest position, or a scooter or similar device). |
| <b>Bicyclist</b>                                 | The driver of a bicycle. A passenger on a bicycle is considered a vehicle passenger.                                                                                                                                                                                                                                                                |
| <b>Driver</b>                                    | Unless otherwise indicated, the operator of a motor vehicle or bicycle. Driver data typically exclude uninjured persons presumed to have been operating hit-and-run, phantom, or properly parked vehicles.                                                                                                                                          |
| <b>Fatal Traffic Crash</b>                       | A traffic crash that results in one or more fatalities within thirty days of occurrence.                                                                                                                                                                                                                                                            |
| <b>First Harmful Event</b>                       | The first damage-producing event in a traffic crash.                                                                                                                                                                                                                                                                                                |
| <b>Injury</b>                                    | Hurt, damage, or loss sustained by a person as a result of a traffic crash.                                                                                                                                                                                                                                                                         |
| <b>Possible Injury</b>                           | No visible signs of injury but complaint of pain or momentary unconsciousness.                                                                                                                                                                                                                                                                      |
| <b>Non-incapacitating Injury</b>                 | Any visible injuries such as bruises, abrasions, limping, etc.                                                                                                                                                                                                                                                                                      |
| <b>Incapacitating Injury</b>                     | Any visible signs of injury from a crash or person(s) who had to be carried from the scene.                                                                                                                                                                                                                                                         |
| <b>Total Injury</b>                              | The sum of possible, non-incapacitating, and incapacitating injuries.                                                                                                                                                                                                                                                                               |
| <b>Injury Crash</b>                              | A traffic crash that results in one or more injuries that is not fatal.                                                                                                                                                                                                                                                                             |
| <b>Moped</b>                                     | A motor-powered cycle with a pedal-activated motor and two brake horsepower maximum.                                                                                                                                                                                                                                                                |
| <b>Motor Vehicle</b>                             | Any motorized vehicle not operating on rails.                                                                                                                                                                                                                                                                                                       |
| <b>Motorcycle</b>                                | A motor vehicle, with a seat or saddle for the driver's use, traveling with no more than three wheels in contact with the ground, excluding a tractor or a moped.                                                                                                                                                                                   |
| <b>Motorcyclist</b>                              | The driver of a motorcycle. A passenger on a motorcycle is considered a vehicle passenger.                                                                                                                                                                                                                                                          |
| <b>Vehicle and/or Property Damage Only Crash</b> | Loss of all or part of an individual's vehicle and/or property resulting from a traffic crash not involving injury to a person.                                                                                                                                                                                                                     |
| <b>Traffic Crash</b>                             | A crash involving at least one motor vehicle on a roadway that is open to the public.                                                                                                                                                                                                                                                               |
| <b>Traffic Fatality</b>                          | The death of a person as a direct result of a traffic crash within thirty days of the crash occurrence.                                                                                                                                                                                                                                             |
| <b>Vehicle Occupants</b>                         | Drivers and passengers of automobiles, vans, trucks, buses, and motor homes.                                                                                                                                                                                                                                                                        |
| <b>Long Form</b>                                 | Refers to a crash report prepared by a law enforcement officer when the driver of a vehicle involved in a crash resulting in bodily injury to or death of a person or where a criminal offense has been committed.                                                                                                                                  |
| <b>Short Form</b>                                | Refers to a crash report in which the threshold of the long form does not apply. Therefore, a long form report is not prepared.                                                                                                                                                                                                                     |

Note: The following terms are defined as they apply to the crash data presented in this publication. These definitions may differ from legal or other uses of the same terms.

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-2**  
**STATE OF FLORIDA SUMMARY - 2001 FLORIDA**  
**TRAFFIC CRASH FACTS**

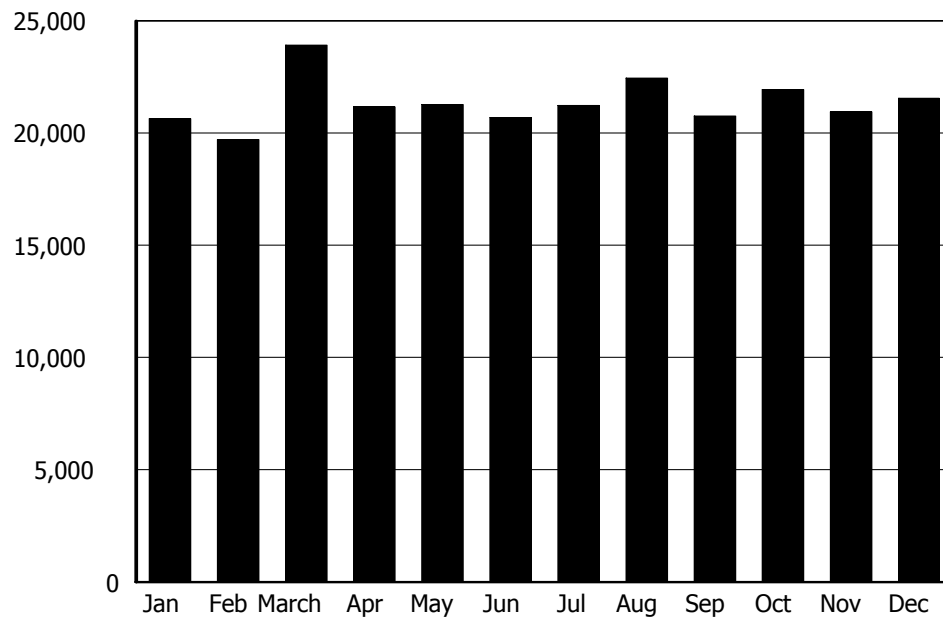
| <b>All Crashes</b>                            |         |
|-----------------------------------------------|---------|
| Traffic Crashes                               | 256,169 |
| Drivers Involved                              | 381,799 |
| Average Crashes per Day                       | 704     |
| <b>Fatal Crashes and Fatalities</b>           |         |
| Fatalities                                    | 3,013   |
| Fatal Crashes                                 | 2,717   |
| <b>Injury Crashes</b>                         |         |
| Possible Injuries                             | 126,411 |
| Non-incapacitating Injuries                   | 77,183  |
| Incapacitating Injuries                       | 31,006  |
| Total Injuries                                | 234,600 |
| Injury Crashes                                | 145,208 |
| <b>Alcohol-related Crashes and Fatalities</b> |         |
| Alcohol-related Fatalities                    | 1,000   |
| Alcohol-related Injuries                      | 20,001  |
| Alcohol-related Crashes                       | 24,411  |
| Alcohol-related Fatal Crashes                 | 893     |
| Alcohol-related Injury Crashes                | 12,220  |
| <b>Crash Environments</b>                     |         |
| Crashes in Business Areas                     | 154,905 |
| Crashes in Residential Areas                  | 73,291  |
| Crashes in Open Country                       | 27,973  |
| Fatal Crashes in Business Areas               | 1,101   |
| Fatal Crashes in Residential Areas            | 707     |
| Fatal Crashes in Open Country                 | 909     |
| <b>Pedestrian Crashes</b>                     |         |
| Pedestrians Killed                            | 510     |
| Pedestrians Injured                           | 7,894   |
| Pedestrian Crashes <sup>1</sup>               | 8,487   |
| <b>Bicycle Crashes</b>                        |         |
| Bicyclists Killed                             | 107     |
| Bicyclists Injured                            | 4,476   |
| Bicycle Crashes <sup>1</sup>                  | 4,909   |
| <b>Motorcycle Crashes</b>                     |         |
| Motorcyclists Killed                          | 252     |
| Motorcyclists Injured                         | 5,101   |
| Motorcyclists Crashes                         | 5,766   |

<sup>1</sup> Pedestrian and bicycle crashes included all crashes involving pedestrians or bicycles.

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Figure 4-1**  
**ALL CRASHES BY MONTH, FLORIDA (2000)**



Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-3**  
**CRASH RATES FOR FLORIDA RESIDENT DRIVERS IN ALL CRASHES BY AGE GROUPS**

| Age Groups   | Drivers Licenses Issued | Drivers in all Crashes | Rate per 10,000 Licensed Drivers | Drivers in Fatal Crashes | Rate per 10,000 Licensed Drivers |
|--------------|-------------------------|------------------------|----------------------------------|--------------------------|----------------------------------|
| Under 15     | 0                       | 439                    | -                                | 4                        | -                                |
| 15-19        | 740,481                 | 40,975                 | 553                              | 375                      | 5                                |
| 20-24        | 1,169,440               | 48,228                 | 412                              | 525                      | 4                                |
| 25-29        | 1,285,413               | 39,581                 | 308                              | 416                      | 3                                |
| 30-34        | 1,412,595               | 38,525                 | 273                              | 367                      | 3                                |
| 35-39        | 1,484,706               | 39,428                 | 266                              | 372                      | 3                                |
| 40-44        | 1,465,108               | 35,180                 | 240                              | 355                      | 2                                |
| 45-49        | 1,294,039               | 28,259                 | 218                              | 302                      | 2                                |
| 50-54        | 1,142,180               | 22,983                 | 201                              | 239                      | 2                                |
| 55-59        | 966,004                 | 16,786                 | 174                              | 190                      | 2                                |
| 60-64        | 789,650                 | 12,296                 | 156                              | 150                      | 2                                |
| 65-69        | 702,591                 | 9,413                  | 134                              | 134                      | 2                                |
| 70-74        | 675,092                 | 8,313                  | 123                              | 127                      | 2                                |
| 75-79        | 573,569                 | 6,821                  | 119                              | 131                      | 2                                |
| 80-84        | 391,194                 | 4,465                  | 114                              | 114                      | 3                                |
| 85+          | 254,311                 | 2,913                  | 115                              | 63                       | 2                                |
| Not Stated   | 0                       | 3,323                  | -                                | 18                       | -                                |
| <b>TOTAL</b> | <b>14,346,373</b>       | <b>357,928</b>         | <b>-</b>                         | <b>3,882</b>             | <b>-</b>                         |

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-4  
FLORIDA MOTORING ENVIRONMENT**

| Year | Licensed Driver | Registered Vehicles <sup>4</sup> | Vehicle Miles <sup>1</sup> | Crashes | Non-Fatal Injuries | Deaths | Mileage Death Rate <sup>2</sup> |
|------|-----------------|----------------------------------|----------------------------|---------|--------------------|--------|---------------------------------|
| 1981 | 8,222,403       | 7,887,881                        | 76,146                     | 368,766 | 205,437            | 3,119  | 4.1                             |
| 1982 | 8,598,019       | 8,622,549                        | 79,497                     | 361,312 | 195,834            | 2,710  | 3.4                             |
| 1983 | 8,987,493       | 9,064,490                        | 81,775                     | 384,614 | 194,791            | 2,729  | 3.3                             |
| 1984 | 9,442,763       | 9,444,964                        | 85,241                     | 237,511 | 202,889            | 2,856  | 3.4                             |
| 1985 | 9,630,975       | 10,827,693                       | 88,057                     | 250,412 | 216,596            | 2,870  | 3.3                             |
| 1986 | 9,924,110       | 11,651,253                       | 87,325                     | 242,381 | 219,352            | 2,874  | 3.3                             |
| 1987 | 10,241,063      | 11,738,273                       | 92,865                     | 240,249 | 215,886            | 2,891  | 3.1                             |
| 1988 | 10,648,019      | 11,997,948                       | 105,030                    | 256,543 | 230,738            | 3,152  | 3.0                             |
| 1989 | 11,109,288      | 12,276,272                       | 108,876                    | 252,439 | 230,060            | 3,033  | 2.8                             |
| 1990 | 11,612,402      | 12,465,790                       | 109,997                    | 216,245 | 214,208            | 2,951  | 2.7                             |
| 1991 | 12,170,821      | 11,184,146 <sup>3</sup>          | 113,484                    | 195,312 | 195,122            | 2,523  | 2.2                             |
| 1992 | 11,550,126      | 11,205,298                       | 114,000                    | 196,176 | 205,432            | 2,480  | 2.2                             |
| 1993 | 11,767,409      | 11,159,938                       | 119,768                    | 199,039 | 212,497            | 2,719  | 2.3                             |
| 1994 | 11,992,578      | 11,393,982                       | 120,929                    | 206,183 | 223,458            | 2,722  | 2.3                             |
| 1995 | 12,019,156      | 11,557,811                       | 127,800                    | 228,589 | 233,900            | 2,847  | 2.2                             |
| 1996 | 12,343,598      | 12,003,930                       | 129,637                    | 241,377 | 243,320            | 2,806  | 2.2                             |
| 1997 | 12,691,835      | 12,170,375                       | 133,276                    | 240,639 | 240,001            | 2,811  | 2.1                             |
| 1998 | 13,012,132      | 11,277,808                       | 136,680                    | 245,440 | 241,863            | 2,889  | 2.1                             |
| 1999 | 13,398,895      | 11,611,993                       | 140,868                    | 243,409 | 232,225            | 2,920  | 2.1                             |
| 2000 | 14,041,846      | 11,948,485                       | 149,857                    | 246,541 | 231,588            | 2,999  | 2.0                             |
| 2001 | 14,364,373      | 13,448,202                       | 151,744                    | 256,169 | 234,600            | 3,013  | 2.0                             |

<sup>1</sup> In millions (figure for 2001 is an estimate)

<sup>2</sup> Per 100 million vehicle miles of travel

<sup>3</sup> Decrease reflects change in accounting method

<sup>4</sup> Beginning in year 1998 does not include count of trailers with tags

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-5  
FLORIDA CRASH HISTORY BY COUNTY**

| County       | 1997   | 1998   | 1999   | 2000   | 2001   | County     | 1997    | 1998    | 1999    | 2000    | 2001    |
|--------------|--------|--------|--------|--------|--------|------------|---------|---------|---------|---------|---------|
| Alachua      | 4,074  | 4,281  | 3,874  | 3,818  | 4,007  | Levy       | 374     | 409     | 402     | 388     | 412     |
| Baker        | 242    | 192    | 248    | 240    | 240    | Liberty    | 65      | 60      | 79      | 65      | 55      |
| Bay          | 2,224  | 2,306  | 1,979  | 1,916  | 1,996  | Madison    | 232     | 266     | 251     | 235     | 222     |
| Bradford     | 299    | 261    | 223    | 220    | 353    | Manatee    | 3,366   | 3,533   | 3,368   | 3,329   | 3,640   |
| Brevard      | 4,747  | 4,484  | 4,713  | 4,756  | 4,672  | Marion     | 2,694   | 2,855   | 2,939   | 3,017   | 2,979   |
| Broward      | 26,849 | 27,464 | 27,435 | 27,814 | 28,262 | Martin     | 1,498   | 1,544   | 1,436   | 1,370   | 1,637   |
| Calhoun      | 123    | 105    | 110    | 116    | 113    | Miami-Dade | 47,794  | 49,421  | 49,804  | 51,132  | 54,519  |
| Charlotte    | 1,445  | 1,682  | 1,580  | 1,587  | 1,661  | Monroe     | 1,250   | 1,275   | 1,363   | 1,396   | 1,608   |
| Citrus       | 1,014  | 994    | 976    | 933    | 1,064  | Nassau     | 452     | 480     | 542     | 545     | 580     |
| Clay         | 995    | 1,093  | 1,303  | 1,340  | 1,289  | Okaloosa   | 1,608   | 1,538   | 1,747   | 1,781   | 2,025   |
| Collier      | 2,516  | 2,512  | 2,771  | 2,854  | 3,003  | Okeechobee | 342     | 442     | 414     | 347     | 308     |
| Columbia     | 736    | 738    | 654    | 711    | 806    | Orange     | 15,920  | 16,668  | 16,604  | 15,840  | 16,003  |
| Desoto       | 301    | 344    | 304    | 320    | 356    | Osceola    | 2,116   | 2,353   | 2,272   | 2,064   | 2,304   |
| Dixie        | 161    | 135    | 126    | 134    | 129    | Palm Beach | 13,921  | 14,466  | 14,387  | 15,079  | 15,731  |
| Duval        | 13,273 | 13,332 | 13,664 | 14,389 | 14,852 | Pasco      | 3,833   | 4,147   | 4,104   | 3,946   | 3,806   |
| Escambia     | 4,330  | 4,097  | 3,820  | 3,723  | 3,828  | Pinellas   | 12,529  | 13,192  | 13,196  | 13,867  | 14,776  |
| Flagler      | 382    | 367    | 382    | 438    | 326    | Polk       | 7,394   | 7,697   | 7,220   | 6,525   | 6,553   |
| Franklin     | 117    | 103    | 127    | 105    | 152    | Putnam     | 1,039   | 1,005   | 1,039   | 1,027   | 998     |
| Gadsden      | 706    | 671    | 631    | 705    | 696    | St. Johns  | 1,427   | 1,557   | 1,607   | 1,518   | 1,532   |
| Gilchrist    | 117    | 103    | 127    | 105    | 152    | St. Lucie  | 2,091   | 2,030   | 2,086   | 2,003   | 2,229   |
| Glades       | 108    | 132    | 90     | 129    | 142    | Santa Rosa | 1,148   | 1,232   | 1,114   | 1,070   | 1,157   |
| Gulf         | 182    | 136    | 143    | 143    | 88     | Sarasota   | 4,481   | 4,588   | 4,229   | 3,698   | 3,687   |
| Hamilton     | 202    | 167    | 114    | 135    | 137    | Seminole   | 3,458   | 3,655   | 3,284   | 3,314   | 3,188   |
| Hardee       | 218    | 303    | 256    | 306    | 330    | Sumter     | 461     | 537     | 561     | 495     | 509     |
| Hendry       | 346    | 377    | 364    | 313    | 303    | Suwannee   | 465     | 460     | 470     | 393     | 379     |
| Hernando     | 1,099  | 1,154  | 1,231  | 1,253  | 1,285  | Taylor     | 277     | 258     | 242     | 196     | 219     |
| Highlands    | 637    | 620    | 583    | 578    | 699    | Union      | 72      | 93      | 88      | 77      | 116     |
| Hillsborough | 21,335 | 19,286 | 18,091 | 20,192 | 20,604 | Volusia    | 6,403   | 6,307   | 6,468   | 6,448   | 6,621   |
| Holmes       | 123    | 146    | 133    | 125    | 143    | Wakulla    | 193     | 237     | 231     | 231     | 224     |
| Indian River | 1,215  | 1,147  | 1,233  | 1,358  | 1,479  | Walton     | 526     | 504     | 500     | 493     | 519     |
| Jackson      | 458    | 516    | 492    | 496    | 504    | Washington | 201     | 228     | 196     | 202     | 204     |
| Jefferson    | 154    | 175    | 163    | 206    | 188    | Unknown    | 454     | 243     | 127     | 56      | 8       |
| Lafayette    | 47     | 68     | 84     | 64     | 51     | Statewide  | 240,639 | 245,440 | 243,409 | 246,541 | 256,169 |
| Lake         | 1,835  | 2,093  | 2,239  | 2,256  | 2,331  |            |         |         |         |         |         |
| Lee          | 4,688  | 4,691  | 4,919  | 5,008  | 5,525  |            |         |         |         |         |         |
| Leon         | 5,257  | 5,862  | 5,886  | 5,619  | 5,704  |            |         |         |         |         |         |

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-6  
FATALITY HISTORY BY COUNTY**

| County       | 1997 | 1998 | 1999 | 2000 | 2001 |
|--------------|------|------|------|------|------|
| Alachua      | 43   | 52   | 48   | 44   | 50   |
| Baker        | 11   | 6    | 10   | 8    | 6    |
| Bay          | 34   | 34   | 28   | 25   | 34   |
| Bradford     | 6    | 16   | 3    | 13   | 7    |
| Brevard      | 84   | 69   | 81   | 76   | 79   |
| Broward      | 227  | 231  | 214  | 221  | 199  |
| Calhoun      | 2    | 5    | 1    | 10   | 6    |
| Charlotte    | 26   | 18   | 31   | 39   | 20   |
| Citrus       | 23   | 36   | 26   | 27   | 21   |
| Clay         | 13   | 23   | 16   | 19   | 18   |
| Collier      | 55   | 52   | 60   | 67   | 66   |
| Columbia     | 26   | 18   | 18   | 23   | 21   |
| De Soto      | 7    | 4    | 14   | 21   | 10   |
| Dixie        | 9    | 6    | 3    | 4    | 7    |
| Duval        | 113  | 101  | 116  | 106  | 119  |
| Escambia     | 47   | 54   | 38   | 42   | 47   |
| Flagler      | 13   | 17   | 16   | 18   | 16   |
| Franklin     | 5    | 3    | 1    | 4    | 2    |
| Gadsden      | 22   | 18   | 21   | 13   | 23   |
| Gilchrist    | 3    | 4    | 6    | 5    | 3    |
| Glades       | 7    | 8    | 8    | 11   | 9    |
| Gulf         | 4    | 4    | 1    | 1    | 4    |
| Hamilton     | 11   | 3    | 2    | 5    | 3    |
| Hardee       | 2    | 10   | 14   | 10   | 19   |
| Hendry       | 15   | 15   | 14   | 11   | 19   |
| Hernando     | 23   | 21   | 25   | 27   | 25   |
| Highlands    | 23   | 28   | 30   | 23   | 21   |
| Hillsborough | 190  | 208  | 197  | 199  | 177  |
| Holmes       | 7    | 8    | 7    | 8    | 7    |
| Indian River | 25   | 25   | 22   | 20   | 32   |
| Jackson      | 14   | 25   | 25   | 17   | 22   |
| Jefferson    | 1    | 7    | 12   | 12   | 9    |
| Lafayette    | 0    | 2    | 2    | 3    | 2    |
| Lake         | 37   | 50   | 47   | 59   | 61   |
| Lee          | 89   | 76   | 99   | 103  | 113  |
| Leon         | 30   | 19   | 16   | 45   | 25   |

| County     | 1997  | 1998  | 1999  | 2000  | 2001  |
|------------|-------|-------|-------|-------|-------|
| Levy       | 8     | 10    | 16    | 21    | 16    |
| Liberty    | 2     | 1     | 1     | 1     | 1     |
| Madison    | 8     | 12    | 10    | 13    | 11    |
| Manatee    | 64    | 65    | 58    | 59    | 59    |
| Marion     | 76    | 59    | 74    | 80    | 86    |
| Martin     | 28    | 17    | 26    | 38    | 23    |
| Miami-Dade | 309   | 300   | 316   | 302   | 313   |
| Monroe     | 17    | 27    | 25    | 21    | 23    |
| Nassau     | 17    | 28    | 18    | 14    | 20    |
| Okaloosa   | 17    | 25    | 16    | 21    | 29    |
| Okeechobee | 22    | 15    | 7     | 10    | 16    |
| Orange     | 126   | 180   | 153   | 153   | 169   |
| Osceola    | 49    | 55    | 50    | 55    | 52    |
| Palm Beach | 180   | 177   | 189   | 173   | 197   |
| Pasco      | 63    | 71    | 79    | 81    | 102   |
| Pinellas   | 128   | 124   | 116   | 122   | 100   |
| Polk       | 102   | 108   | 123   | 125   | 111   |
| Putnam     | 29    | 21    | 19    | 33    | 24    |
| St. Johns  | 23    | 30    | 45    | 38    | 30    |
| St. Lucie  | 29    | 22    | 31    | 31    | 58    |
| Santa Rosa | 26    | 16    | 15    | 15    | 15    |
| Sarasota   | 42    | 51    | 35    | 57    | 41    |
| Seminole   | 41    | 39    | 40    | 38    | 44    |
| Sumter     | 12    | 20    | 33    | 17    | 19    |
| Suwannee   | 13    | 9     | 14    | 12    | 10    |
| Taylor     | 7     | 9     | 15    | 10    | 5     |
| Union      | 1     | 2     | 3     | 2     | 3     |
| Volusia    | 86    | 86    | 86    | 80    | 96    |
| Wakulla    | 8     | 8     | 6     | 10    | 5     |
| Walton     | 21    | 16    | 16    | 17    | 15    |
| Washington | 5     | 10    | 12    | 11    | 18    |
| Unknown    | 5     | 0     | 1     | 0     | 0     |
| Statewide  | 2,811 | 2,889 | 2,920 | 2,999 | 3,013 |

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



**Table 4-7  
BICYCLE FATALITY HISTORY BY COUNTY**

| County       | 1997 | 1998 | 1999 | 2000 | 2001 | County     | 1997 | 1998 | 1999 | 2000 | 2001 |
|--------------|------|------|------|------|------|------------|------|------|------|------|------|
| Alachua      | 2    | 1    | 5    | 0    | 4    | Levy       | 0    | 0    | 0    | 0    | 0    |
| Baker        | 1    | 0    | 0    | 0    | 0    | Liberty    | 0    | 0    | 0    | 0    | 0    |
| Bay          | 1    | 1    | 2    | 1    | 3    | Madison    | 0    | 0    | 0    | 0    | 0    |
| Bradford     | 0    | 0    | 0    | 0    | 0    | Manatee    | 1    | 4    | 3    | 4    | 3    |
| Brevard      | 7    | 1    | 3    | 0    | 2    | Marion     | 0    | 0    | 2    | 1    | 4    |
| Broward      | 10   | 11   | 14   | 6    | 6    | Martin     | 1    | 1    | 3    | 1    | 1    |
| Calhoun      | 0    | 1    | 0    | 0    | 1    | Miami-Dade | 16   | 8    | 11   | 6    | 10   |
| Charlotte    | 2    | 0    | 1    | 1    | 0    | Monroe     | 0    | 3    | 2    | 1    | 0    |
| Citrus       | 1    | 2    | 0    | 0    | 0    | Nassau     | 1    | 0    | 0    | 0    | 0    |
| Clay         | 0    | 0    | 0    | 0    | 0    | Okaloosa   | 0    | 2    | 2    | 0    | 0    |
| Collier      | 3    | 4    | 3    | 1    | 4    | Okeechobee | 0    | 2    | 1    | 1    | 1    |
| Columbia     | 1    | 0    | 0    | 0    | 0    | Orange     | 3    | 5    | 5    | 3    | 7    |
| De Soto      | 0    | 0    | 1    | 1    | 0    | Osceola    | 1    | 1    | 2    | 3    | 3    |
| Dixie        | 0    | 0    | 0    | 0    | 0    | Palm Beach | 5    | 4    | 4    | 4    | 11   |
| Duval        | 5    | 3    | 4    | 5    | 3    | Pasco      | 3    | 1    | 2    | 0    | 3    |
| Escambia     | 3    | 2    | 0    | 2    | 1    | Pinellas   | 7    | 7    | 8    | 6    | 7    |
| Flagler      | 0    | 0    | 1    | 0    | 1    | Polk       | 3    | 1    | 3    | 3    | 4    |
| Franklin     | 0    | 0    | 0    | 0    | 0    | Putnam     | 0    | 1    | 0    | 0    | 1    |
| Gadsden      | 0    | 1    | 1    | 0    | 0    | St. Johns  | 0    | 0    | 2    | 3    | 2    |
| Gilchrist    | 0    | 0    | 0    | 0    | 0    | St. Lucie  | 0    | 1    | 2    | 2    | 2    |
| Glades       | 0    | 0    | 0    | 1    | 0    | Santa Rosa | 3    | 0    | 0    | 1    | 0    |
| Gulf         | 0    | 0    | 0    | 0    | 0    | Sarasota   | 8    | 4    | 3    | 4    | 1    |
| Hamilton     | 0    | 0    | 0    | 0    | 0    | Seminole   | 2    | 0    | 1    | 2    | 0    |
| Hardee       | 0    | 0    | 0    | 0    | 0    | Sumter     | 0    | 0    | 0    | 0    | 0    |
| Hendry       | 1    | 0    | 0    | 0    | 0    | Suwannee   | 0    | 0    | 0    | 0    | 0    |
| Hernando     | 3    | 0    | 2    | 1    | 1    | Taylor     | 0    | 0    | 0    | 0    | 0    |
| Highlands    | 1    | 0    | 1    | 2    | 1    | Union      | 0    | 0    | 0    | 0    | 0    |
| Hillsborough | 9    | 10   | 9    | 8    | 9    | Volusia    | 4    | 4    | 1    | 2    | 4    |
| Holmes       | 0    | 0    | 0    | 0    | 0    | Wakulla    | 0    | 0    | 0    | 0    | 0    |
| Indian River | 0    | 1    | 1    | 1    | 1    | Walton     | 0    | 0    | 0    | 0    | 0    |
| Jackson      | 1    | 0    | 2    | 1    | 0    | Washington | 0    | 0    | 0    | 0    | 0    |
| Jefferson    | 0    | 0    | 0    | 0    | 0    | Unknown    | 0    | 0    | 1    | 0    | 0    |
| Lafayette    | 0    | 0    | 0    | 0    | 0    | Statewide  | 114  | 95   | 115  | 83   | 107  |
| Lake         | 2    | 3    | 0    | 1    | 2    |            |      |      |      |      |      |
| Lee          | 3    | 5    | 7    | 3    | 4    |            |      |      |      |      |      |
| Leon         | 0    | 0    | 0    | 1    | 0    |            |      |      |      |      |      |

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).

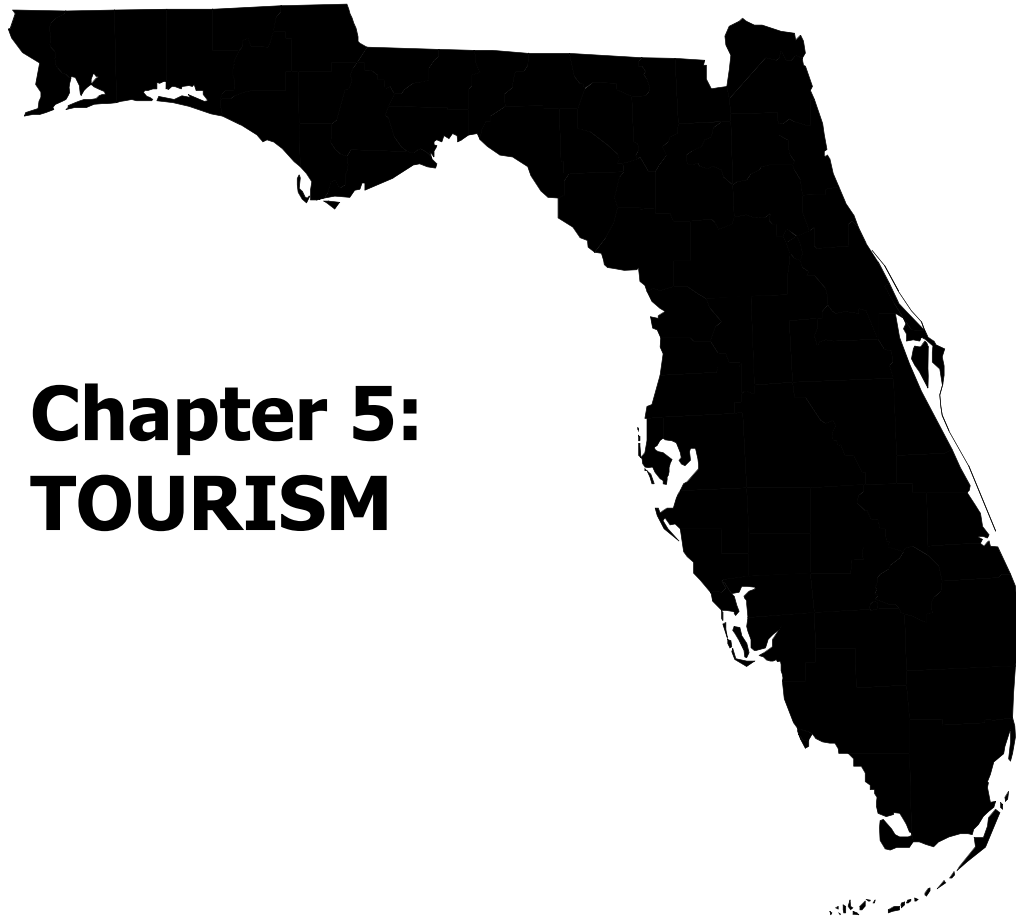


**Table 4-8  
PEDESTRIAN FATALITY HISTORY BY COUNTY**

| County       | 1997 | 1998 | 1999 | 2000 | 2001 |
|--------------|------|------|------|------|------|
| Alachua      | 6    | 3    | 2    | 9    | 4    |
| Baker        | 0    | 1    | 2    | 1    | 0    |
| Bay          | 14   | 4    | 6    | 4    | 4    |
| Bradford     | 3    | 3    | 0    | 2    | 1    |
| Brevard      | 10   | 9    | 9    | 10   | 12   |
| Broward      | 52   | 57   | 49   | 41   | 42   |
| Calhoun      | 1    | 0    | 0    | 0    | 0    |
| Charlotte    | 5    | 1    | 0    | 1    | 1    |
| Citrus       | 1    | 5    | 6    | 1    | 4    |
| Clay         | 0    | 4    | 2    | 5    | 3    |
| Collier      | 5    | 5    | 7    | 5    | 6    |
| Columbia     | 3    | 5    | 2    | 3    | 3    |
| De Soto      | 0    | 0    | 1    | 2    | 1    |
| Dixie        | 0    | 0    | 0    | 2    | 1    |
| Duval        | 23   | 29   | 19   | 21   | 23   |
| Escambia     | 12   | 7    | 12   | 8    | 6    |
| Flagler      | 0    | 1    | 2    | 2    | 0    |
| Franklin     | 0    | 1    | 0    | 0    | 1    |
| Gadsden      | 3    | 2    | 5    | 2    | 3    |
| Gilchrist    | 0    | 0    | 0    | 0    | 0    |
| Glades       | 0    | 0    | 2    | 0    | 1    |
| Gulf         | 2    | 0    | 0    | 0    | 1    |
| Hamilton     | 0    | 0    | 0    | 1    | 0    |
| Hardee       | 0    | 1    | 2    | 0    | 0    |
| Hendry       | 2    | 3    | 2    | 2    | 3    |
| Hernando     | 5    | 2    | 1    | 3    | 4    |
| Highlands    | 4    | 5    | 4    | 1    | 4    |
| Hillsborough | 46   | 38   | 50   | 35   | 40   |
| Holmes       | 0    | 1    | 1    | 0    | 1    |
| Indian River | 4    | 1    | 2    | 1    | 6    |
| Jackson      | 2    | 1    | 2    | 1    | 1    |
| Jefferson    | 0    | 0    | 1    | 0    | 1    |
| Lafayette    | 0    | 0    | 0    | 0    | 0    |
| Lake         | 6    | 7    | 4    | 3    | 8    |
| Lee          | 18   | 11   | 18   | 21   | 16   |
| Leon         | 6    | 2    | 0    | 8    | 2    |

| County     | 1997 | 1998 | 1999 | 2000 | 2001 |
|------------|------|------|------|------|------|
| Levy       | 0    | 0    | 0    | 1    | 1    |
| Liberty    | 0    | 0    | 0    | 0    | 0    |
| Madison    | 0    | 0    | 0    | 1    | 0    |
| Manatee    | 6    | 12   | 8    | 6    | 12   |
| Marion     | 9    | 8    | 8    | 9    | 14   |
| Martin     | 5    | 2    | 3    | 4    | 4    |
| Miami-Dade | 79   | 86   | 82   | 81   | 71   |
| Monroe     | 2    | 6    | 6    | 4    | 4    |
| Nassau     | 2    | 5    | 1    | 0    | 3    |
| Okaloosa   | 3    | 2    | 2    | 4    | 3    |
| Okeechobee | 3    | 2    | 0    | 2    | 3    |
| Orange     | 38   | 49   | 38   | 39   | 40   |
| Osceola    | 6    | 9    | 4    | 9    | 6    |
| Palm Beach | 21   | 31   | 29   | 32   | 35   |
| Pasco      | 15   | 17   | 18   | 17   | 19   |
| Pinellas   | 42   | 34   | 36   | 41   | 19   |
| Polk       | 21   | 20   | 16   | 15   | 13   |
| Putnam     | 5    | 0    | 1    | 5    | 6    |
| St. Johns  | 4    | 5    | 3    | 3    | 4    |
| St. Lucie  | 2    | 4    | 3    | 4    | 7    |
| Santa Rosa | 3    | 2    | 0    | 1    | 4    |
| Sarasota   | 6    | 9    | 8    | 7    | 7    |
| Seminole   | 10   | 13   | 7    | 4    | 7    |
| Sumter     | 0    | 2    | 1    | 1    | 3    |
| Suwannee   | 0    | 1    | 0    | 1    | 1    |
| Taylor     | 0    | 1    | 0    | 0    | 0    |
| Union      | 0    | 0    | 0    | 1    | 0    |
| Volusia    | 18   | 18   | 13   | 17   | 18   |
| Wakulla    | 0    | 0    | 0    | 0    | 1    |
| Walton     | 0    | 1    | 0    | 2    | 2    |
| Washington | 0    | 0    | 1    | 0    | 0    |
| Unknown    | 2    | 0    | 0    | 0    | 0    |
| Statewide  | 535  | 548  | 501  | 506  | 510  |

Source: Florida Department of Highway Safety and Motor Vehicles, *2001 Traffic Crash Facts* (June 2002).



## **Chapter 5: TOURISM**





### SECTION HIGHLIGHTS

- Exit interviews by the Florida Tourism Industry Marketing Corporation for 1998 through 2000 indicated that top origin states for air visitors to Florida were New York, New Jersey, and Illinois while auto visitor top origins were Georgia, Alabama, and Ohio.
- The top destinations of air visitors surveyed were Orange County, Hillsborough County, and Broward County.
- The top destinations of auto visitors surveyed were Orange, Hillsborough, and Bay counties.
- Exit interviews indicated that the main purpose both air and auto visitors came to Florida was for vacation. The second highest reason for both was to visit friends and relatives. Air and auto visitors coming to Florida for business listed a convention as their reason for coming to Florida. Seminars and training was the second highest reason listed by both air and auto visitors.
- In 2001, tourism-related sales tax collections totaled \$254.5 billion, a 1.0 percent increase compared to the previous year. In 2001, taxable spending in the "Tourism and Recreation" category totaled \$50.8 billion, a decrease of 0.3 percent over the previous year.



**Table 5-1**  
**VISITORS TO FLORIDA IN 2000 (in thousands of person trips)**

| Visitor Type | 2000   | % of Total | 2001   | % of Total | Change (%) |
|--------------|--------|------------|--------|------------|------------|
| Air          | 38,195 | 52.5       | 37,312 | 53.7       | -2.3       |
| Non-air      | 34,603 | 47.5       | 32,152 | 46.3       | -7.1       |
| Total        | 72,798 | 100.0      | 69,464 | 100.0      | -4.6       |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-2**  
**TOP TEN ORIGIN STATES OF AIR VISITORS SURVEYED**

| Origin        | 1997 |      | 1998 |      | 1999 |      | 2000 |      | 2001 |      |
|---------------|------|------|------|------|------|------|------|------|------|------|
|               | Rank | %    | Rank | %    | Rank | %    | Rank | %    | Rank | %    |
| New York      | 1    | 14.9 | 1    | 13.3 | 1    | 13.2 | 1    | 14.4 | 1    | 13.1 |
| New Jersey    | 2    | 7.1  | 2    | 7.2  | 3    | 6.3  | 3    | 6.7  | 2    | 6.6  |
| Illinois      | 3    | 6.2  | 4    | 6    | 4    | 6    | 4    | 6.4  | 3    | 6.4  |
| Michigan      | 8    | 4.8  | 8    | 4.5  | 7.5  | 4.9  | 9    | 4.3  | 4    | 5.7  |
| California    | 5    | 5.9  | 3    | 6.2  | 2    | 7.4  | 2    | 6.8  | 5    | 5.5  |
| Ohio          | 6    | 5.7  | 7    | 4.8  | 6    | 5    | 5    | 5.4  | 6    | 5.4  |
| Texas         | 4    | 6.1  | 5.5  | 5.2  | 7.5  | 4.9  | 6    | 5.3  | 7    | 5.1  |
| Massachusetts | -    | -    | -    | -    | -    | -    | 7.5  | 5.2  | 8    | 4.9  |
| Georgia       | 9    | 4    | 9    | 3.4  | 9    | 3.9  | 10   | 3.4  | 9    | 4.8  |
| Pennsylvania  | 7    | 5    | 5.5  | 5.2  | 5    | 5.5  | 7.5  | 5.2  | 10   | 4.1  |
| Virginia      | 10   | 3.8  | 10   | 3.3  | 10   | 2.8  | -    | -    | -    | -    |
| Total Top 10  | -    | 63.5 | -    | 59.1 | -    | 59.9 | -    | 63.1 | -    | 61.6 |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).

**Table 5-3**  
**TOP TEN DESTINATIONS OF AIR VISITORS SURVEYED**

| Destinations | 1997 |      | 1998 |      | 1999 |      | 2000 |      | 2001 |      |
|--------------|------|------|------|------|------|------|------|------|------|------|
|              | Rank | %    | Rank | %    | Rank | %    | Rank | %    | Rank | %    |
| Orange       | 1    | 33.4 | 1    | 31.6 | 1    | 31.6 | 1    | 33.2 | 1    | 31.3 |
| Hillsborough | 3    | 8.9  | 3    | 9.1  | 4    | 9.1  | 2    | 9.5  | 2    | 9.8  |
| Broward      | 4    | 7.3  | 4    | 8    | 3    | 8    | 3.5  | 8.4  | 3    | 9.6  |
| Dade         | 2    | 9.9  | 2    | 10   | 2    | 10   | 3.5  | 8.4  | 4    | 8.3  |
| Palm Beach   | 5    | 2.9  | 5    | 6.6  | 5    | 6.6  | 5    | 5.7  | 5    | 5.5  |
| Pinellas     | 7    | 4.3  | 6.5  | 4.3  | 6    | 4.3  | 6    | 4.3  | 6    | 5.1  |
| Lee          | 6    | 4.4  | 6.5  | 4.3  | 7    | 4.3  | 7    | 3.8  | 7    | 3.9  |
| Duval        | 8    | 2.9  | 9    | 2.8  | 8    | 2.8  | -    | -    | 8    | 3.3  |
| Collier      | -    | -    | 10   | 2.3  | -    | 2.3  | -    | -    | 9    | 3.2  |
| Volusia      | 10   | 2.4  | -    | -    | -    | -    | 10   | 2.5  | 10   | 2.6  |
| Sarasota     | -    | -    | -    | -    | -    | -    | 8.5  | 2.7  | -    | -    |
| Monroe       | 9    | 2.8  | 8    | 2.9  | 9    | 2.9  | 8.5  | 2.7  | -    | -    |
| Brevard      | -    | -    | -    | -    | 10   | -    | -    | -    | -    | -    |
| Total Top 10 | -    | 79.2 | -    | 81.9 | -    | 72.9 | -    | 81.2 | -    | 82.6 |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-4  
MAIN PURPOSE OF TRIP FOR AIR VISITORS SURVEYED**

| Rank     | Purpose                 | 1999 (%) | 2000 (%) | 2001 (%) |
|----------|-------------------------|----------|----------|----------|
| Leisure  | Total                   | 72.0     | 72.4     | 74.2     |
| 1        | Vacation                | 32.1     | 33.0     | 33.7     |
| 2        | Visit Friends/Relatives | 25.9     | 25.8     | 25.5     |
| 3        | Getaway Weekend         | 4.1      | 4.3      | 4.9      |
| 4        | Special Event           | 6.9      | 6.2      | 5.3      |
| 5        | Other Personal          | 2.9      | 3.1      | 4.8      |
| Business | Total                   | 28.0     | 27.6     | 25.7     |
| 1        | Convention              | 5.6      | 6.3      | 6.2      |
| 2        | Seminar/Training        | 6.0      | 5.5      | 4.2      |
| 3        | Other Group Meetings    | 3.9      | 4.4      | 3.2      |
| 4        | Sales/Consulting        | 2.7      | 2.7      | 2.7      |
| 5        | Other                   | 9.8      | 8.5      | 9.4      |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).

**Table 5-5  
TOP TEN ACTIVITIES ENJOYED IN FLORIDA BY AIR VISITORS SURVEYED**

| Rank | Activity                   | 1999 (%) | 2000 (%) | 2001 (%) |
|------|----------------------------|----------|----------|----------|
| 1    | Shopping/Restaurants       | 34.8     | 34.8     | 39.9     |
| 2    | Theme/Amusement            | 40.3     | 30.5     | 39.3     |
| 3    | Beaches                    | 35.1     | 30.8     | 34.5     |
| 4    | Nightlife/Dancing          | 11.8     | 13.2     | 10.8     |
| 5    | Outdoor (hunt, fish, hike) | 11.3     | 10.2     | 9.6      |
| 6    | Historical Places/Museums  | 10.1     | 8.9      | 8.5      |
| 7    | Golf/Tennis                | 9.1      | 6.6      | 6.7      |
| 8    | Cultural Events/Festivals  | 4.4      | 6.4      | 4.8      |
| 9    | National/State Park        | 6.4      | 5.1      | 6.2      |
| 10   | Sports Event               | 4.8      | 4.5      | 5.1      |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-6**  
**ESTIMATED EXPENDITURE PATTERNS OF AIR VISITORS**  
**SURVEYED PER PERSON PER DAY**

| Category       | 2000 (\$) | 2001 (\$) |
|----------------|-----------|-----------|
| Transportation | 59.4      | 57.7      |
| Food           | 29.5      | 27.5      |
| Room           | 34.0      | 32.5      |
| Shopping       | 18.6      | 17.9      |
| Entertainment  | 20.2      | 17.6      |
| Miscellaneous  | 4.3       | 6.2       |
| Total          | 166.0     | 159.4     |
| Change (%)     | -4.0      |           |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-7**  
**TOP TEN ORIGIN STATES/PROVINCES OF AUTO VISITORS SURVEYED**

| Origin         | 1997 |      | 1998 |      | 1999 |      | 2000 |      | 2001 |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
|                | Rank | %    | Rank | %    | Rank | %    | Rank | %    | Rank | %    |
| Georgia        | 1    | 16.7 | 1    | 14   | 1    | 18.6 | 1    | 17.8 | 1    | 17.5 |
| Alabama        | 2    | 8.3  | 2    | 8.5  | 2    | 7    | 2    | 8.8  | 2    | 8.8  |
| Ohio           | 6.5  | 4.9  | 4.5  | 5.6  | 5.5  | 4.9  | 5    | 5.1  | 3    | 6.4  |
| New York       | 8    | 4.6  | 4.5  | 5.6  | 3    | 6.1  | 3.5  | 5.9  | 4    | 5.8  |
| Tennessee      | 4.5  | 5    | 3    | 6.5  | 10   | 3.5  | 3.5  | 5.9  | 7    | 4.0  |
| Illinois       | -    | -    | 7.5  | 4.2  | 8    | 4    | 7    | 4.9  | 5    | 5.7  |
| North Carolina | 3    | 6    | 4.5  | 5.6  | 4    | 6    | 8    | 4.8  | 6    | 5.1  |
| Virginia       | 10   | 4.2  | 7.5  | 4.2  | -    | -    | -    | -    | 8    | 3.4  |
| Louisiana      | -    | -    | 10   | 3.9  | 7    | 4.6  | -    | -    | -    | -    |
| Michigan       | -    | -    | 6    | 4.3  | -    | -    | 9    | 4.3  | 10   | 3.2  |
| Texas          | 6.5  | 4.9  | 9    | 4.1  | 5.5  | 4.9  | 10   | 4    | 10   | 3.3  |
| Pennsylvania   | -    | -    | -    | -    | 9    | 3.8  | -    | -    | 10   | 3.2  |
| New Jersey     | 4.5  | 5    | -    | -    | -    | -    | -    | -    | 10   | 3.2  |
| Total Top 10   | -    | 59.4 | -    | 66.5 | -    | 63.4 | -    | 61.5 | -    | 69.6 |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-8  
TOP TEN DESTINATIONS OF AUTO VISITORS SURVEYED**

| Destinations | 1997 |      | 1998 |      | 1999 |      | 2000 |      | 2001 |      |
|--------------|------|------|------|------|------|------|------|------|------|------|
|              | Rank | %    | Rank | %    | Rank | %    | Rank | %    | Rank | %    |
| Orange       | 1    | 19.5 | 1    | 20.2 | 1    | 20.2 | 1    | 20.9 | 1    | 22.3 |
| Hillsborough | 6    | 4.4  | 6.5  | 5.2  | 6.5  | 5.2  | 8    | 3.8  | 2    | 7.6  |
| Bay          | 2    | 7.4  | 2    | 6.8  | 3    | 6.8  | 2    | 7.9  | 3    | 6.8  |
| Okaloosa     | 4    | 6.8  | 3    | 6.4  | 4    | 6.4  | 3    | 7.3  | 4    | 6.1  |
| Volusia      | 3    | 7    | 5    | 5.6  | 2    | 5.6  | 4    | 4.0  | 5    | 5.9  |
| Duval        | 7    | 4.1  | 4    | 5.9  | 6.5  | 5.9  | 5    | 5    | 6    | 4.8  |
| Escambia     | 5    | 5.3  | 6.5  | 5.2  | 5    | 5.2  | 7    | 4.1  | 7    | 3.4  |
| Brevard      | -    | -    | -    | -    | 9.5  | -    | 9.5  | 2.8  | 8    | 3.3  |
| Broward      | 9.5  | 2.8  | 9.5  | 3    | -    | 3    | 9.5  | 2.8  | 9    | 3.1  |
| Pinellas     | 8    | 3.8  | 8    | 3.8  | 8    | 3.8  | 6    | 4.7  | 10   | 2.6  |
| Miami-Dade   | 9.5  | 2.8  | -    | -    | 9.5  | -    | -    | -    | -    | -    |
| Palm Beach   | 9.5  | 2.8  | -    | -    | 10   | -    | 10   | 2.7  | -    | -    |
| Lee          | -    | -    | 9.5  | 3    | -    | 3    | -    | -    | -    | -    |
| Total Top 10 | -    | 66.7 | -    | 65.1 | -    | 65.1 | -    | 66.0 | -    | 65.9 |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-9**  
**MAIN PURPOSE OF TRIP FOR AUTO VISITORS SURVEYED**

| Rank     | Purpose                 | 1999 (%) | 2000 (%) | 2001 (%) |
|----------|-------------------------|----------|----------|----------|
| Leisure  |                         | 88.6     | 89.4     | 88.7     |
| 1        | General Vacation        | 41.8     | 43.6     | 41.7     |
| 2        | Visit Friends/Relatives | 26.7     | 25.9     | 27.1     |
| 3        | Getaway Weekend         | 8.8      | 8.1      | 7.8      |
| 4        | Special Event           | 6.4      | 6.7      | 7.2      |
| 5        | Other                   | 5.0      | 5.1      | 4.9      |
| Business |                         | 11.4     | 10.6     | 11.3     |
| 1        | Convention              | 1.2      | 2.1      | 2.0      |
| 2        | Seminar/Training        | 3.3      | 2.2      | 1.8      |
| 3        | Other Group Meetings    | 1.3      | 0.8      | 1.9      |
| 4        | Sales/Consulting        | 0.9      | 0.4      | 1.2      |
| 5        | Other                   | 4.6      | 5.1      | 4.4      |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-10**  
**TOP TEN ACTIVITIES ENJOYED IN FLORIDA BY AUTO VISITORS SURVEYED**

| Rank | Activity                   | 1999 (%) | 2000 (%) | 2001 (%) |
|------|----------------------------|----------|----------|----------|
| 1    | Beaches                    | 41.8     | 36.9     | 38.9     |
| 2    | Shopping                   | 32.1     | 30.6     | 34.6     |
| 3    | Theme/Amusement Park       | 28.8     | 22.8     | 33.3     |
| 4    | Outdoor (hunt, fish, hike) | 13.3     | 11.6     | 13.7     |
| 5    | Historical Places/Museums  | 11.4     | 9.4      | 8.9      |
| 6    | Golf/Tennis                | 6.0      | 6.5      | 6.9      |
| 7    | National/State Park        | 7.4      | 5.3      | 6.8      |
| 8    | Sports Event               | 6.1      | 4.8      | 5.6      |
| 9    | Nightlife/Dancing          | 6.7      | 9.6      | 5.4      |
| 10   | Cultural Events/Festivals  | 6.0      | 5.6      | 4.8      |
| 11   | Other                      | 3.1      | 3.1      | 2.8      |
| 12   | Gambling                   | 1.9      | 2.4      | 2.4      |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-11**  
**ESTIMATED EXPENDITURE PATTERNS OF**  
**AUTO VISITORS SURVEYED PER PERSON PER DAY**

| Category       | 2000 (\$) | 2001 (\$) |
|----------------|-----------|-----------|
| Transportation | 14.1      | 14.3      |
| Food           | 22.6      | 23.5      |
| Room           | 21.9      | 21.0      |
| Shopping       | 15.0      | 16.0      |
| Entertainment  | 17.2      | 16.4      |
| Miscellaneous  | 3.6       | 4.4       |
| Total          | 94.5      | 95.6      |
| Change (%)     | 1.3       |           |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-12**  
**AIR VISITOR ESTIMATES BY MONTH**

| <b>Month</b>          | <b>1998</b>       | <b>2001</b>       | <b>Change (%)</b> |
|-----------------------|-------------------|-------------------|-------------------|
| January               | 2,448,301         | 2,545,123         | 4.0               |
| February              | 2,382,091         | 2,454,697         | 3.0               |
| March                 | 3,263,640         | 2,981,929         | -8.6              |
| <b>Quarter I</b>      | <b>8,094,032</b>  | <b>7,981,749</b>  | -1.4              |
| April                 | 2,948,509         | 2,616,810         | -11.2             |
| May                   | 2,259,187         | 2,286,976         | 1.2               |
| June                  | 1,881,471         | 1,857,100         | -1.3              |
| <b>Quarter II</b>     | <b>7,089,167</b>  | <b>6,760,886</b>  | -4.6              |
| July                  | 2,139,409         | 1,866,653         | -12.7             |
| August                | 1,944,648         | 2,013,692         | 3.6               |
| September             | 1,589,073         | 1,627,093         | 2.4               |
| <b>Quarter III</b>    | <b>5,673,130</b>  | <b>5,507,438</b>  | -2.9              |
| October               | 2,067,117         | 1,944,285         | -5.9              |
| November              | 2,115,212         | 2,140,614         | 1.2               |
| December              | 2,044,217         | 2,133,518         | 4.4               |
| <b>Quarter IV</b>     | <b>6,226,546</b>  | <b>6,218,417</b>  | -0.1              |
| <b>Total For Year</b> | <b>27,082,875</b> | <b>26,468,490</b> | -2.3              |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-13  
COMMERCIAL PASSENGER ENPLANEMENTS AND  
VISITOR CHARACTERISTICS (2000)**

| Airport Location                       | Enplaned<br>Passengers <sup>1</sup> | Visitor Characteristics |                             |                              |
|----------------------------------------|-------------------------------------|-------------------------|-----------------------------|------------------------------|
|                                        |                                     | % of Visitors           | Average Days per<br>Visitor | Average Daily<br>Expenditure |
| Daytona Beach <sup>2</sup>             | 313,121                             | 45.0                    | 6.1                         | \$105                        |
| Gainesville <sup>2</sup>               | 151,438                             | 73.0                    | 4.8                         | \$111                        |
| Key West <sup>2</sup>                  | 271,425                             | 69.0                    | 6.9                         | \$295                        |
| Marathon <sup>4</sup>                  | 23,386                              | 60.0                    | 5.0                         | \$110                        |
| Melbourne <sup>3</sup>                 | 258,216                             | 40.0                    | 4.5                         | \$115                        |
| Naples <sup>2</sup>                    | 60,075                              | 58.0                    | 4.6                         | \$158                        |
| Okaloosa Regional <sup>2</sup>         | 292,263                             | 52.0                    | 5.5                         | \$168                        |
| Orlando Sanford <sup>2</sup>           | 703,090                             | 65.0                    | 12.4                        | \$142                        |
| Panama City <sup>2</sup>               | 169,494                             | 67.0                    | 4.5                         | \$93                         |
| Pensacola <sup>2</sup>                 | 575,052                             | 43.0                    | 8.6                         | \$119                        |
| St. Petersburg/Clearwater <sup>2</sup> | 455,109                             | 53.0                    | 4.7                         | \$88                         |
| Sarasota <sup>3</sup>                  | 778,670                             | 57.0                    | 9.5                         | \$73                         |
| Tallahassee <sup>2</sup>               | 465,728                             | 46.0                    | 3.6                         | \$145                        |
| <b>Total <sup>5</sup></b>              | <b>4,517,067</b>                    | <b>54.5</b>             | <b>7.6</b>                  | <b>\$127</b>                 |

<sup>1</sup> Provided by airport managers

<sup>2</sup> WSA survey results

<sup>3</sup> Previous survey data used

<sup>4</sup> Visitor characteristics based on surveys at other airports

<sup>5</sup> Averages reflect statistical analysis of data not shown in this table

Source: Florida Department of Transportation, *Florida Aviation System Plan 2000 Airport Economic Impact Study*.



**Table 5-14**  
**AUTO VISITOR ESTIMATES BY MONTH**

| <b>Month</b>          | <b>1997</b>       | <b>1998</b>       | <b>Change (%)</b> |
|-----------------------|-------------------|-------------------|-------------------|
| January               | 1,441,682         | 1,580,145         | 9.6               |
| February              | 1,398,923         | 1,802,354         | 28.8              |
| March                 | 2,420,338         | 2,429,921         | 0.4               |
| <b>Quarter I</b>      | <b>5,260,943</b>  | <b>5,812,420</b>  | <b>10.5</b>       |
| April                 | 2,028,289         | 2,570,247         | 26.7              |
| May                   | 1,614,325         | 1,746,414         | 8.2               |
| June                  | 1,636,368         | 1,565,743         | -4.3              |
| <b>Quarter II</b>     | <b>5,278,982</b>  | <b>5,882,404</b>  | <b>11.4</b>       |
| July                  | 1,998,349         | 2,238,223         | 12.0              |
| August                | 1,995,397         | 1,990,460         | -0.2              |
| September             | 1,499,075         | 1,457,414         | -2.8              |
| <b>Quarter III</b>    | <b>5,492,821</b>  | <b>5,686,097</b>  | <b>3.5</b>        |
| October               | 1,688,294         | 1,383,879         | -18.0             |
| November              | 1,339,051         | 1,466,120         | 9.5               |
| December              | 1,425,348         | 1,384,941         | -2.8              |
| <b>Quarter IV</b>     | <b>4,452,693</b>  | <b>4,234,940</b>  | <b>-4.9</b>       |
| <b>Total For Year</b> | <b>20,485,439</b> | <b>21,615,861</b> | <b>5.5</b>        |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-15**  
**FLORIDA AIR AND AUTO HISTORICAL VISITOR ESTIMATE SERIES (1980-1998)**

| <b>1980</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
|--------------|-------------------|-------------------|-------------------|
| Quarter I    | 3,121,917         | 2,750,284         | 5,872,201         |
| Quarter II   | 2,535,580         | 2,777,674         | 5,313,254         |
| Quarter III  | 1,880,460         | 2,852,197         | 4,732,657         |
| Quarter IV   | 1,825,370         | 2,302,193         | 4,127,563         |
| <b>Total</b> | <b>9,363,327</b>  | <b>10,682,348</b> | <b>20,045,675</b> |
| <b>1981</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 3,313,939         | 2,693,204         | 6,007,143         |
| Quarter II   | 2,726,304         | 3,071,548         | 5,797,852         |
| Quarter III  | 2,137,732         | 2,891,476         | 5,029,208         |
| Quarter IV   | 2,194,594         | 2,193,904         | 4,388,498         |
| <b>Total</b> | <b>10,372,569</b> | <b>10,850,132</b> | <b>21,222,701</b> |
| <b>1982</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 3,531,664         | 2,634,667         | 6,166,331         |
| Quarter II   | 2,944,587         | 3,230,612         | 6,175,199         |
| Quarter III  | 2,209,892         | 3,273,843         | 5,483,735         |
| Quarter IV   | 2,337,414         | 2,818,066         | 5,155,480         |
| <b>Total</b> | <b>11,023,557</b> | <b>11,957,188</b> | <b>22,980,745</b> |
| <b>1983</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 3,487,400         | 3,128,638         | 6,616,038         |
| Quarter II   | 2,733,622         | 3,442,785         | 6,176,407         |
| Quarter III  | 1,985,377         | 3,812,900         | 5,798,277         |
| Quarter IV   | 2,168,752         | 2,922,894         | 5,091,646         |
| <b>Total</b> | <b>10,375,151</b> | <b>13,307,217</b> | <b>23,682,368</b> |
| <b>1984</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 4,109,812         | 3,600,457         | 7,710,269         |
| Quarter II   | 3,281,158         | 4,109,895         | 7,391,053         |
| Quarter III  | 2,591,344         | 3,711,156         | 6,302,500         |
| Quarter IV   | 2,683,420         | 3,242,264         | 5,925,684         |
| <b>Total</b> | <b>12,665,734</b> | <b>14,663,772</b> | <b>27,329,506</b> |
| <b>1985</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 4,045,011         | 3,704,341         | 7,749,352         |
| Quarter II   | 3,519,787         | 4,327,212         | 7,846,999         |
| Quarter III  | 2,631,758         | 4,212,206         | 6,843,964         |
| Quarter IV   | 2,852,655         | 3,557,454         | 6,410,109         |
| <b>Total</b> | <b>13,049,211</b> | <b>15,801,213</b> | <b>28,850,424</b> |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-15 (Continued)**  
**FLORIDA AIR AND AUTO HISTORICAL VISITOR ESTIMATE SERIES (1980-1998)**

| <b>1986</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
|--------------|-------------------|-------------------|-------------------|
| Quarter I    | 4,518,347         | 4,482,218         | 9,000,565         |
| Quarter II   | 3,854,066         | 4,067,400         | 7,921,466         |
| Quarter III  | 3,229,349         | 4,482,416         | 7,711,765         |
| Quarter IV   | 3,158,177         | 3,999,211         | 7,157,388         |
| <b>Total</b> | <b>14,759,939</b> | <b>17,031,245</b> | <b>31,791,184</b> |
| <b>1987</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 5,129,250         | 4,370,151         | 9,499,401         |
| Quarter II   | 4,263,350         | 4,527,865         | 8,791,215         |
| Quarter III  | 3,444,516         | 4,413,110         | 7,857,626         |
| Quarter IV   | 3,702,701         | 4,213,587         | 7,916,288         |
| <b>Total</b> | <b>16,539,817</b> | <b>17,524,713</b> | <b>34,064,530</b> |
| <b>1988</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 5,531,719         | 4,528,275         | 10,059,994        |
| Quarter II   | 4,808,834         | 4,391,965         | 9,200,799         |
| Quarter III  | 3,765,504         | 5,328,776         | 9,094,280         |
| Quarter IV   | 3,926,027         | 4,484,508         | 8,410,535         |
| <b>Total</b> | <b>18,032,084</b> | <b>18,733,524</b> | <b>36,765,608</b> |
| <b>1989</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 5,830,301         | 5,670,847         | 11,501,148        |
| Quarter II   | 4,137,227         | 5,249,612         | 9,386,839         |
| Quarter III  | 3,767,289         | 5,314,803         | 9,082,092         |
| Quarter IV   | 4,318,151         | 4,424,073         | 8,742,224         |
| <b>Total</b> | <b>18,052,968</b> | <b>20,659,335</b> | <b>38,712,303</b> |
| <b>1990</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 6,355,140         | 5,455,605         | 11,810,745        |
| Quarter II   | 4,912,302         | 5,416,823         | 10,329,125        |
| Quarter III  | 4,527,707         | 5,254,840         | 9,782,547         |
| Quarter IV   | 4,883,215         | 4,164,601         | 9,047,816         |
| <b>Total</b> | <b>20,678,364</b> | <b>20,291,869</b> | <b>40,970,233</b> |
| <b>1991</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 6,238,981         | 5,414,660         | 11,653,641        |
| Quarter II   | 4,909,987         | 5,156,637         | 10,066,624        |
| Quarter III  | 3,832,931         | 5,313,696         | 9,146,627         |
| Quarter IV   | 4,157,711         | 4,536,271         | 8,693,982         |
| <b>Total</b> | <b>19,139,610</b> | <b>20,421,264</b> | <b>39,560,874</b> |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-15 (Continued)**  
**FLORIDA AIR AND AUTO HISTORICAL VISITOR ESTIMATE SERIES (1980-1998)**

| <b>1992</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
|--------------|-------------------|-------------------|-------------------|
| Quarter I    | 5,895,902         | 5,333,757         | 11,229,659        |
| Quarter II   | 4,609,263         | 5,299,421         | 9,908,684         |
| Quarter III  | 4,454,383         | 5,360,938         | 9,815,321         |
| Quarter IV   | 4,490,853         | 5,091,677         | 9,582,530         |
| <b>Total</b> | <b>19,450,401</b> | <b>21,085,793</b> | <b>40,536,194</b> |
| <b>1993</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 5,959,456         | 5,730,703         | 11,690,159        |
| Quarter II   | 5,185,283         | 5,347,114         | 10,532,397        |
| Quarter III  | 3,869,447         | 5,629,779         | 9,499,226         |
| Quarter IV   | 4,724,304         | 4,586,474         | 9,310,778         |
| <b>Total</b> | <b>19,738,490</b> | <b>21,294,070</b> | <b>41,032,560</b> |
| <b>1994</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 6,130,715         | 5,056,269         | 11,186,984        |
| Quarter II   | 5,466,554         | 4,671,588         | 10,138,142        |
| Quarter III  | 4,829,042         | 5,144,200         | 9,973,242         |
| Quarter IV   | 4,935,183         | 3,649,926         | 8,585,109         |
| <b>Total</b> | <b>21,361,494</b> | <b>18,521,983</b> | <b>39,883,477</b> |
| <b>1995</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 6,783,718         | 5,257,562         | 12,041,280        |
| Quarter II   | 5,366,011         | 5,908,563         | 11,274,574        |
| Quarter III  | 4,483,985         | 5,203,799         | 9,687,784         |
| Quarter IV   | 4,884,382         | 3,394,294         | 8,278,676         |
| <b>Total</b> | <b>21,518,096</b> | <b>19,764,218</b> | <b>41,282,314</b> |
| <b>1996</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 7,165,795         | 4,777,914         | 11,943,709        |
| Quarter II   | 6,082,428         | 5,760,280         | 11,842,708        |
| Quarter III  | 4,908,642         | 4,947,851         | 9,856,493         |
| Quarter IV   | 5,353,292         | 4,005,538         | 9,358,830         |
| <b>Total</b> | <b>23,510,157</b> | <b>19,491,583</b> | <b>43,001,740</b> |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-15 (Continued)**  
**FLORIDA AIR AND AUTO HISTORICAL VISITOR ESTIMATE SERIES (1980-1998)**

| <b>1997</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
|--------------|-------------------|-------------------|-------------------|
| Quarter I    | 7,982,000         | 5,261,000         | 13,243,000        |
| Quarter II   | 6,761,000         | 5,279,000         | 12,040,000        |
| Quarter III  | 5,507,000         | 5,493,000         | 11,000,000        |
| Quarter IV   | 6,218,000         | 4,453,000         | 10,671,000        |
| <b>Total</b> | <b>26,468,000</b> | <b>20,485,000</b> | <b>46,954,000</b> |
| <b>1998</b>  | <b>Air</b>        | <b>Auto</b>       | <b>Total</b>      |
| Quarter I    | 8,094,000         | 5,812,000         | 13,906,000        |
| Quarter II   | 7,089,000         | 5,882,000         | 12,972,000        |
| Quarter III  | 5,673,000         | 5,686,000         | 11,359,000        |
| Quarter IV   | 6,227,000         | 4,235,000         | 10,461,000        |
| <b>Total</b> | <b>27,083,000</b> | <b>21,616,000</b> | <b>48,699,000</b> |

Source: Florida Tourism Industry Marketing Corporation.



**TOURISM  
REGIONS IN  
FLORIDA**



**Table 5-16**  
**FLORIDA VISITORS BY REGION (1998-2001)**

**1998**

| <b>Region</b>         | <b>Visitors</b>   | <b>% <sup>1</sup></b> | <b>Rank</b> |
|-----------------------|-------------------|-----------------------|-------------|
| Central Region        | 14,366,127        | 29.5                  | 1           |
| South East            | 9,057,965         | 18.6                  | 2           |
| Central West          | 8,424,881         | 17.3                  | 3           |
| North West            | 5,795,150         | 11.9                  | 4           |
| Central East          | 3,895,899         | 8.0                   | 5           |
| North East            | 3,214,116         | 6.6                   | 6           |
| South West            | 2,873,225         | 5.9                   | 7           |
| North Central         | 1,071,372         | 2.2                   | 8           |
| <b>Sum of Regions</b> | <b>48,698,735</b> | <b>100</b>            |             |

**1999**

| <b>Region</b>         | <b>Visitors</b>   | <b>% <sup>1</sup></b> | <b>Rank</b> |
|-----------------------|-------------------|-----------------------|-------------|
| Central               | 18,247,530        | 31                    | 1           |
| Southeast             | 10,595,340        | 18                    | 2           |
| Central West          | 8,829,450         | 15                    | 3           |
| Northwest             | 6,474,930         | 11                    | 4           |
| Central East          | 5,297,670         | 9                     | 5           |
| Northeast             | 4,120,410         | 7                     | 6           |
| Southwest             | 3,531,780         | 6                     | 7           |
| North Central         | 1,765,890         | 3                     | 8           |
| <b>Sum of Regions</b> | <b>58,863,000</b> | <b>100</b>            |             |

<sup>1</sup> The percentages will exceed 100 percent since some visitors spend time in more than one region.

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-16 (Continued)**  
**FLORIDA VISITORS BY REGION (1998-2001)**

| 2000                  |                   |                |      |
|-----------------------|-------------------|----------------|------|
| Region                | Visitors          | % <sup>1</sup> | Rank |
| Central               | 22,511,000        | 31.5           | 1    |
| Southeast             | 12,577,840        | 17.6           | 2    |
| Central West          | 8,580,000         | 12.0           | 3    |
| Northwest             | 8,575,800         | 11.9           | 4    |
| Southwest             | 6,646,245         | 9.3            | 5    |
| Central East          | 6,145,990         | 8.6            | 6    |
| Northeast             | 4,502,295         | 6.3            | 7    |
| North Central         | 2,001,020         | 2.8            | 8    |
| <b>Sum of Regions</b> | <b>71,540,190</b> | <b>100</b>     |      |

| 2001                  |                   |                |      |
|-----------------------|-------------------|----------------|------|
| Region                | Visitors          | % <sup>1</sup> | Rank |
| Central               | 21,464,000        | 30.9           | 1    |
| Southeast             | 12,434,000        | 17.9           | 2    |
| Central West          | 10,003,000        | 14.4           | 3    |
| Northwest             | 6,946,000         | 10.0           | 4    |
| Southwest             | 6,460,000         | 9.3            | 5    |
| Central East          | 5,904,000         | 8.5            | 6    |
| Northeast             | 4,585,000         | 6.6            | 7    |
| North Central         | 1,737,000         | 2.5            | 8    |
| <b>Sum of Regions</b> | <b>69,533,000</b> | <b>100.1</b>   |      |

<sup>1</sup> The percentages will exceed 100 percent since some visitors spend time in more than one region.

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-17**  
**FLORIDA VISITOR FORECAST (2000-2002)**  
(in millions)

| Quarter/Year      | 2000          | Change 1999-2000 (%) |
|-------------------|---------------|----------------------|
| Quarter I         | 19,581        | -                    |
| Quarter II        | 19,745        | -                    |
| Quarter III       | 18,147        | -                    |
| Quarter IV        | 16,633        | -                    |
| <b>Total 2000</b> | <b>74,106</b> | <b>-</b>             |
|                   | 2001          | Change 2000-2001 (%) |
| Quarter I         | 21,350        | 9.0                  |
| Quarter II        | 20,875        | 5.7                  |
| Quarter III       | 16,547        | -8.8                 |
| Quarter IV        | 14,008        | -15.8                |
| <b>Total 2001</b> | <b>72,780</b> | <b>-1.8</b>          |
|                   | 2002          | Change 2001-2002 (%) |
| Quarter I         | 18,005        | -15.7                |
| Quarter II        | 19,351        | -7.3                 |
| Quarter III       | 17,473        | 5.6                  |
| Quarter IV        | 17,206        | 22.8                 |
| <b>Total 2002</b> | <b>72,035</b> | <b>-1.0</b>          |

Source: Florida Tourism Industry Marketing Corporation.



**Table 5-18**  
**HOTEL/MOTEL OCCUPANCY RATES AND AVERAGE DAILY ROOM RATES**  
**TWELVE MONTHS ENDING DECEMBER 31, 2001**

| Market                           | Occupancy   |             | Average Daily Room Rate |                |
|----------------------------------|-------------|-------------|-------------------------|----------------|
|                                  | 2000 (%)    | 2001 (%)    | 2000 (\$)               | 2001 (\$)      |
| Alachua/Marion Counties          | 65.8        | 64.5        | \$67.28                 | \$70.99        |
| Brevard Counties                 | 68.0        | 65.3        | 76.58                   | 78.71          |
| Broward County                   | 69.2        | 66.4        | 101.29                  | 101.84         |
| Collier County                   | 66.9        | 63.5        | 132.04                  | 134.26         |
| Duval County                     | 66.2        | 64.1        | 67.68                   | 66.66          |
| Hillsborough/Pinellas Counties   | 66.5        | 65.0        | 89.80                   | 91.69          |
| Lee County                       | 71.3        | 66.9        | 94.87                   | 97.84          |
| Leon County                      | 66.0        | 61.0        | 67.39                   | 67.03          |
| Miami-Dade                       | 73.8        | 68.2        | 118.52                  | 113.80         |
| Monroe County                    | 70.3        | 67.9        | 147.98                  | 148.93         |
| Orange/Osceola/Seminole Counties | 71.1        | 63.5        | 92.74                   | 89.70          |
| Palm Beach County                | 70.5        | 64.8        | 111.22                  | 110.58         |
| Panhandle                        | 63.1        | 62.3        | 82.34                   | 81.82          |
| Volusia County                   | 64.9        | 60.6        | 78.03                   | 83.27          |
| Other Florida                    | 64.3        | 63.4        | 88.22                   | 89.31          |
| <b>Florida</b>                   | <b>69.2</b> | <b>64.6</b> | <b>\$95.82</b>          | <b>\$94.62</b> |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-19  
OVERSEAS VISITORS TO FLORIDA FROM COUNTRY OF ORIGIN (1997-2002)**

| Country              | % of Total Visitors |      |      |      |      |      |
|----------------------|---------------------|------|------|------|------|------|
|                      | 1997                | 1998 | 1999 | 2000 | 2001 | 2002 |
| Austria              | 0.8                 | 0.5  | 0.5  | 0.6  | 0.3  | 0.6  |
| Belgium              | 0.4                 | 0.5  | 0.7  | 0.4  | 0.6  | 0.5  |
| Denmark              | 0.3                 | 0.3  | 0.4  | 0.2  | 0.4  | 0.4  |
| Finland              | 0.1                 | 0.3  | 0.1  | 0.3  | 0.1  | 0.4  |
| France               | 2.7                 | 2.2  | 2.4  | 2.8  | 2.7  | 3.1  |
| Germany              | 8.2                 | 8.1  | 8    | 5.8  | 6.1  | 4.8  |
| Greece               | 0.1                 | n/a  | 0.1  | n/a  | 0.1  | 0.2  |
| Iceland              | 0.1                 | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  |
| Ireland              | 0.6                 | 0.2  | 1    | 1    | 1.6  | 2    |
| Italy                | 2.7                 | 2.3  | 2.4  | 2.7  | 2.4  | 2.2  |
| Netherlands          | 1.3                 | 1.5  | 1.7  | 1.6  | 1.9  | 1.2  |
| Norway               | 0.4                 | 0.5  | 0.3  | 0.7  | 0.2  | 0.6  |
| Spain                | 1.5                 | 1.5  | 1.6  | 1.8  | 1.5  | 1.5  |
| Sweden               | 0.8                 | 1    | 0.6  | 0.7  | 0.7  | 0.9  |
| Switzerland          | 1.6                 | 2.1  | 1.6  | 1.7  | 1.3  | 1    |
| United Kingdom       | 23.4                | 24.8 | 27.5 | 29.6 | 31   | 31.1 |
| Other Western Europe | 0.4                 | 0.4  | 0.3  | 0.3  | 0.1  | 0.4  |
| Poland               | 0.1                 | 0.2  | 0.2  | 0.2  | 0.2  | 0.4  |
| Russia               | 0.1                 | n/a  | n/a  | n/a  | 0.2  | 0.2  |
| Other Eastern Europe | 0.3                 | n/a  | 0.2  | 0.4  | 0.1  | 0.4  |
| Bahamas              | 4.5                 | 3.3  | 2.1  | 1.3  | 0.4  | 3.6  |
| Cayman Is.           | 0.1                 | 0.5  | 0.2  | 0.2  | 1.2  | 0.6  |
| Dominican Rep.       | 0.5                 | 1.3  | 1.3  | 1.1  | 2    | 1    |
| Jamaica              | 2.2                 | 2.2  | 2.4  | 2.6  | 0.2  | 1.8  |
| Netherlands Antilles | 0.1                 | 0.2  | 0.3  | 0.1  | 0.5  | 0.6  |
| Trinidad and Tobago  | 0.5                 | 0.3  | 0.6  | 1    | 0.6  | 1.3  |
| Other Caribbean      | 0.7                 | 0.6  | 1.4  | 0.5  | 28.1 | 1.7  |
| Argentina            | 5.4                 | 5.7  | 5.5  | 6.1  | 4.4  | 1.7  |
| Brazil               | 8.6                 | 7.7  | 5.5  | 6.4  | 1.3  | 3.1  |
| Chile                | 1.9                 | 1.6  | 1.4  | 1.8  | 4.5  | 1.2  |
| Colombia             | 3.9                 | 4.2  | 5.3  | 3.4  | 2.4  | 5    |
| Peru                 | 1.8                 | 1.6  | 1    | 1.6  | 8    | 1.7  |
| Venezuela            | 6.1                 | 6.6  | 7.3  | 8    | 2.7  | 7.1  |

Source: U.S. Department of Commerce, ITA, Tourism Industries.



**Table 5-19 (Continued)**  
**OVERSEAS VISITORS TO FLORIDA FROM COUNTRY OF ORIGIN (1997-2002)**

| Country               | % of Total Visitors |      |      |      |      |      |
|-----------------------|---------------------|------|------|------|------|------|
|                       | 1997                | 1998 | 1999 | 2000 | 2001 | 2002 |
| Other South America   | 2.1                 | 2.3  | 1.5  | 2    | 5.2  | 2.7  |
| Costa Rica            | 1.7                 | 2.3  | 1.4  | 1    | 1.1  | 1.6  |
| El Salvador           | 0.6                 | 0.4  | n/a  | n/a  | 0.5  | 1.1  |
| Guatemala             | 1.5                 | 2.1  | 1.8  | 0.8  | 1.2  | 1.8  |
| Honduras              | 0.7                 | 0.9  | 0.6  | 1    | 0.5  | 1.3  |
| Panama                | 0.4                 | 0.8  | 0.6  | 0.4  | 0.7  | 0.9  |
| Other Central America | 0.5                 | 0.5  | 0.2  | 0.6  | 0.6  | 0.4  |
| Morocco               | n/a                 | 0.1  | 0.1  | 0.4  | 0.5  | n/a  |
| South Africa          | 0.7                 | 0.6  | 0.8  | 0.2  | n/a  | 0.3  |
| Other Africa          | 0.1                 | 0.1  | n/a  | 1.9  | 1.9  | n/a  |
| Israel                | 0.8                 | 0.5  | 0.9  | 0.1  | n/a  | 0.8  |
| Kuwait                | 0.1                 | 0.1  | 0.1  | 0.5  | 0.4  | n/a  |
| Saudi Arabia          | 0.2                 | 0.2  | 0.3  | 0.4  | 0.6  | 0.2  |
| Turkey                | 0.2                 | 0.2  | 0.2  | 0.3  | 0.2  | 0.2  |
| Other Middle East     | 0.3                 | 0.1  | 0.2  | 5.7  | 6.3  | n/a  |
| Hong Kong             | 0.4                 | 0.2  | 0.3  | 0.7  | 0.5  | 0.2  |
| India                 | 0.4                 | 0.5  | 0.7  | 0.2  | 0.1  | 0.4  |
| Indonesia             | 0.1                 | n/a  | 0.1  | 2.7  | 2.3  | 0.1  |
| Japan                 | 3.5                 | 3    | 3.2  | 0.7  | 1    | 1.6  |
| Korea, South          | 0.9                 | 0.4  | 0.5  | 0.1  | 0.1  | 0.5  |
| Malaysia              | 0.2                 | 0.1  | 0.1  | 0.2  | 0.4  | 0.1  |
| P. R. of China        | 0.1                 | 0.2  | 0.1  | 0.3  | 0.6  | 0.7  |
| Philippines           | 0.3                 | 0.2  | 0.4  | 0.2  | 0.3  | 0.4  |
| R. of China (Taiwan)  | 0.3                 | 0.2  | 0.4  | 0.1  | 0.1  | 0.3  |
| Singapore             | 0.2                 | 0.1  | 0.2  | 0.1  | 0.1  | 0.1  |
| Thailand              | 0.1                 | 0.1  | 0.1  | n/a  | 0.4  | 0.2  |
| Other Asia            | 0.1                 | 0.1  | 0.1  | 1.3  | 1.1  | 0.1  |
| Australia             | 1.1                 | 1    | 1.1  | 0.2  | 0.2  | 1.2  |
| New Zealand           | 0.2                 | 0.2  | 0.2  | 0    | 0    | 0.2  |

Source: U.S. Department of Commerce, ITA, Tourism Industries.



**Table 5-20**  
**STATEWIDE TOTAL AND "TOURISM/RECREATION" TAXABLE SALES**  
**PERCENT CHANGE: 00/01**  
**(in \$ billions)**

| Month/Quarter       | Total Taxable Sales  |                      | Tourism/Recreation    |                      | % Total for 2001 |
|---------------------|----------------------|----------------------|-----------------------|----------------------|------------------|
|                     | 2001 Statewide Total | Change From 2000 (%) | 2001 Tour./Rec. Total | Change From 2000 (%) |                  |
| January             | 20.7                 | 2.8                  | 4.4                   | 7.2                  | 8.7              |
| February            | 21.8                 | 5.4                  | 4.8                   | 5.4                  | 9.4              |
| March               | 23.8                 | 4.4                  | 5.2                   | 2.9                  | 10.2             |
| <b>Quarter I</b>    | <b>66.3</b>          | <b>4.2</b>           | <b>14.4</b>           | <b>5.0</b>           | <b>28.3</b>      |
| April               | 20.7                 | -0.2                 | 4.6                   | 2.2                  | 9.1              |
| May                 | 21.0                 | -0.5                 | 4.1                   | -2.6                 | 8.1              |
| June                | 21.7                 | 1.6                  | 4.2                   | 1.3                  | 8.2              |
| <b>Quarter II</b>   | <b>63.4</b>          | <b>0.3</b>           | <b>12.9</b>           | <b>0.4</b>           | <b>25.4</b>      |
| July                | 20.6                 | 4.9                  | 4.3                   | 2.0                  | 8.5              |
| August              | 21.4                 | 7.8                  | 4.1                   | 8.3                  | 8.0              |
| September           | 19.3                 | -4.6                 | 3.4                   | -9.5                 | 6.6              |
| <b>Quarter III</b>  | <b>61.2</b>          | <b>2.7</b>           | <b>11.8</b>           | <b>0.4</b>           | <b>23.2</b>      |
| October             | 19.7                 | -1.2                 | 3.6                   | -7.2                 | 7.2              |
| November            | 19.9                 | -2.6                 | 3.7                   | -7.1                 | 7.3              |
| December            | 23.8                 | -5.1                 | 4.4                   | -7.9                 | 8.7              |
| <b>Quarter IV</b>   | <b>63.5</b>          | <b>-3.1</b>          | <b>11.8</b>           | <b>-7.4</b>          | <b>23.2</b>      |
| <b>Yearly Total</b> | <b>254.5</b>         | <b>1.0</b>           | <b>50.8</b>           | <b>-0.3</b>          | <b>100.1*</b>    |

\* Monthly figures do not add up to the exact yearly total due to rounding.

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-21**  
**"TOURISM/RECREATION" TAXABLE SALES**  
**METROPOLITAN STATISTICAL AREAS (MSA)**  
**1997-2001 (in \$ millions)**

| <b>MSA</b>            | <b>1997 (\$)</b> | <b>1998 (\$)</b> | <b>1999 (\$)</b> | <b>2000 (\$)</b> | <b>2001 (\$)</b> |
|-----------------------|------------------|------------------|------------------|------------------|------------------|
| Daytona Beach         | 1,051.1          | 1,088.5          | 1,170.9          | 1,245.2          | 1,264.5          |
| Fort Lauderdale       | 3,454.5          | 3,608.5          | 3,862.5          | 4,068.3          | 4,041.5          |
| Fort Myers            | 1,222.2          | 1,306.2          | 1,427.9          | 1,575.2          | 1,626.2          |
| Fort Pierce           | 543.6            | 565.9            | 601.1            | 638.2            | 660.8            |
| Fort Walton           | 462.8            | 494.4            | 551.0            | 590.0            | 615.5            |
| Gainesville           | 417.3            | 440.6            | 470.2            | 488.9            | 488.7            |
| Jacksonville          | 2,276.2          | 2,456.2          | 2,629.7          | 2,785.3          | 2,793.6          |
| Lakeland/Winter Haven | 717.1            | 737.9            | 787.1            | 794.4            | 769.7            |
| Melbourne/Cocoa       | 865.1            | 895.3            | 942.6            | 976.1            | 987.0            |
| Miami                 | 4,741.9          | 4,796.8          | 5,250.9          | 5,604.9          | 5,524.7          |
| Naples                | 1,001.5          | 1,052.9          | 1,161.0          | 1,193.6          | 1,285.0          |
| Ocala                 | 349.1            | 366.9            | 390.4            | 406.0            | 413.3            |
| Orlando               | 8,497.8          | 8,966.5          | 10,001.6         | 10,902.5         | 10,095.3         |
| Panama City           | 533.8            | 561.9            | 605.2            | 623.2            | 930.5            |
| Pensacola             | 677.5            | 704.5            | 754.0            | 773.7            | 739.0            |
| Punta Gorda           | 233.6            | 244.8            | 256.4            | 279.2            | 310.3            |
| Sarasota              | 1,344.9          | 1,399.0          | 1,512.8          | 1,609.6          | 1,534.0          |
| Tallahassee           | 502.2            | 513.8            | 570.3            | 586.7            | 692.4            |
| Tampa/St. Petersburg  | 4,949.1          | 5,275.1          | 5,564.9          | 5,843.7          | 5,549.0          |
| West Palm Beach       | 2,654.7          | 3,074.1          | 3,262.5          | 3,507.1          | 3,568.3          |

Note: According to the U.S. Census Bureau, a Metropolitan Statistical Area (MSA) is defined in one of two ways: a city of at least 50,000 population; or a Census Bureau-defined urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England).

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-22**  
**TOURIST DEVELOPMENT TAX COLLECTIONS (2000-2001)**

| County                | Tax Rate (%) | 2000 (\$)  | 2001 (\$)  | Change (%) |
|-----------------------|--------------|------------|------------|------------|
| Alachua               | 3            | 1,319,751  | 1,451,707  | 10.0       |
| Baker                 | 2            | 19,580     | 30,483     | 55.7       |
| Bay                   | 3            | 5,023,200  | 6,389,035  | 27.2       |
| Bradford              | 2            | 41,061     | 47,701     | 16.2       |
| Brevard               | 4            | 5,284,824  | 5,410,481  | 2.4        |
| Broward               | 5            | 26,300,416 | 26,844,937 | 2.1        |
| Charlotte             | 3            | 1,177,203  | 1,370,845  | 16.4       |
| Citrus                | 2            | 294,382    | 304,266    | 3.4        |
| Clay                  | 3            | 370,332    | 374,634    | 1.2        |
| Collier               | 3            | 8,731,799  | 8,856,028  | 1.4        |
| Columbia              | 2            | 264,301    | 296,323    | 12.1       |
| Duval                 | 4            | 6,857,438  | 7,617,595  | 11.1       |
| Escambia              | 4            | 3,247,567  | 4,023,377  | 23.9       |
| Flagler               | 2            | 185,070    | 225,937    | 22.1       |
| Gulf                  | 2            | 139,207    | 140,438    | 0.9        |
| Hamilton <sup>1</sup> | 2            | 31,224     | 28,088     | -10.0      |
| Hernando              | 3            | 267,187    | 260,288    | -2.6       |
| Hillsborough          | 5            | 15,510,392 | 20,167,983 | 30.0       |
| Indian River          | 4            | 1,127,553  | 1,456,714  | 29.2       |
| Jackson               | 2            | 124,626    | 136,767    | 9.7        |
| Lake                  | 2            | 636,796    | 693,032    | 8.8        |
| Lee                   | 3            | 11,153,686 | 11,658,795 | 4.5        |
| Leon                  | 3            | 1,848,149  | 1,850,523  | 0.1        |
| Madison               | 2            | 31,324     | 42,870     | 36.9       |
| Manatee               | 3            | 2,600,475  | 2,811,632  | 8.1        |
| Miami-Dade            | 4            | 26,206,751 | 26,676,165 | 1.8        |
| Monroe                | 3            | 11,937,644 | 16,528,758 | 38.5       |
| Nassau                | 2            | 1,384,086  | 1,369,804  | -1.0       |
| Okaloosa              | 4            | 5,983,667  | 6,399,791  | 7.0        |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-22 (Continued)**  
**TOURIST DEVELOPMENT TAX COLLECTIONS (2000-2001)**

| County       | Tax Rate (%) | 2000 (\$)          | 2001 (\$)          | Change (%)  |
|--------------|--------------|--------------------|--------------------|-------------|
| Okeechobee   | 3            | 157,770            | 156,022            | -1.1        |
| Orange       | 5            | 109,104,917        | 97,431,549         | -10.7       |
| Osceola      | 5            | 25,365,299         | 21,353,548         | -15.8       |
| Palm Beach   | 4            | 18,325,905         | 17,770,005         | -3.0        |
| Pasco        | 2            | 710,583            | 732,166            | 3.0         |
| Pinellas     | 4            | 17,052,990         | 16,677,424         | -2.2        |
| Polk         | 4            | 3,763,986          | 3,743,732          | -0.5        |
| Putnam       | 2            | 110,764            | 101,383            | -8.5        |
| St. Johns    | 3            | 4,070,924          | 3,709,024          | -8.9        |
| St. Lucie    | 4            | 1,525,429          | 1,640,781          | 7.6         |
| Santa Rosa   | 3            | 181,963            | 373,254            | 105.1       |
| Sarasota     | 3            | 5,923,650          | 6,160,612          | 4.0         |
| Seminole     | 3            | 1,929,942          | 1,791,565          | -7.2        |
| Suwannee     | 2            | 55,242             | 56,784             | 2.8         |
| Taylor       | 2            | 81,785             | 75,055             | -8.2        |
| Volusia      | 2            | 4,766,493          | 4,785,968          | 0.4         |
| Wakulla      | 3            | 28,814             | 23,884             | -17.1       |
| Walton       | 3            | 4,504,631          | 4,713,923          | 4.6         |
| Washington   | 2            | -                  | 32,049             | n/a         |
| <b>Total</b> | <b>-</b>     | <b>335,760,778</b> | <b>334,793,725</b> | <b>-0.3</b> |

Source: Florida Tourism Industry Marketing Corporation, *2001 Florida Visitor Study* (2002).



**Table 5-23**  
**TOP TEN STATES IN EXPENDITURES BY U.S. TOURISTS (2001)**  
**(in \$ millions)**

| Rank     | State          | Expenditures (\$) | Change<br>From 2000 (%) | Share<br>of Market (%) |
|----------|----------------|-------------------|-------------------------|------------------------|
| 1        | California     | 63,790            | -9.8                    | 13.0                   |
| <b>2</b> | <b>Florida</b> | <b>41,692</b>     | <b>6.5</b>              | <b>8.5</b>             |
| 3        | Texas          | 32,307            | 8.1                     | 6.6                    |
| 4        | New York       | 29,296            | 9.0                     | 6.0                    |
| 5        | Illinois       | 21,931            | 7.0                     | 4.5                    |
| 6        | Nevada         | 19,581            | 6.6                     | 4.0                    |
| 7        | New Jersey     | 14,756            | 4.2                     | 3.0                    |
| 8        | Pennsylvania   | 14,726            | 7.2                     | 3.0                    |
| 9        | Georgia        | 14,269            | 4.5                     | 2.9                    |
| 10       | Virginia       | 13,294            | 7.1                     | 2.7                    |

Source: U.S. Census Bureau, *2002 Statistical Abstract of the United States*.





# **Chapter 6: TRANSPORTATION FINANCING**







## SECTION HIGHLIGHTS

- In 2001, 65.7 percent of Florida's revenues used for its State-administered highways came from State sources such as motor fuel taxes, road and crossing tolls, and bond refunds, among others. Also, 30.7 percent of the revenues used for these highways came from Federal sources, with the remaining 3.4 percent coming from local sources.
- State sources (e.g., motor fuel taxes, motor carrier taxes, etc.) accounted for approximately 90 percent of the revenues used for local road and streets in Florida in 2001.
- The primary source of revenues used by local governments in Florida for highways was local in nature (83.2%), specifically motor fuel and vehicle taxes, original bond issues, appropriations from general funds, property taxes and special assessments, and other local sources in 2001. State sources accounted for about 16 percent of the revenues used by local governments and Federal sources accounted for less than 1 percent.
- In 2001, the sources of funding for transit operations in Florida break down as follows: 11.2 percent Federal funds, 11.7 percent State funds, 48.2 percent local funds, and 28.9 percent system revenue.
- The sources of transit capital funding for Florida in 2001 was 77.3 percent Federal funds, 14.8 percent State funds, 6 percent local funds, and less than 2 percent from system revenue.
- The motor fuel tax rate for gasoline in Florida as of December 31, 2001, was 13.6¢; this represents an 8.8 percent increase over the motor fuel tax rate of 12.5¢ in 1996.
- The automobile registration fee in Florida is based on the weight of the vehicle.



**Table 6-1  
FLORIDA'S TRANSPORTATION TAX SOURCES (2003)**

| Fund/Tax Source                                                                                                     | Description                                                                                                                  | Rates (CY 2003)                                                                                                                       | Estimated Proceeds (\$ in millions)*                                                                                                                                                                                                                              |                |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                                                                                                     |                                                                                                                              |                                                                                                                                       | Other Uses                                                                                                                                                                                                                                                        | Transportation |
| Federal                                                                                                             |                                                                                                                              |                                                                                                                                       |                                                                                                                                                                                                                                                                   |                |
| Federal Highway Administration Highway Trust Fund (Highway Account)                                                 | Federal highway fuel taxes and other excise and heavy vehicle use and sales taxes of varying amounts.                        | Gasoline ..... 15.44¢/gal<br>Gasohol ..... 7.74¢/gal<br>Diesel ..... 21.44¢/gal                                                       | None                                                                                                                                                                                                                                                              | 1,289          |
| Federal Aviation Administration Airport & Airway Trust Fund(FFY 00-01 Aviation Grants to Florida Airports)          | Federal taxes on noncommercial aviation fuel, airline tickets, waybill international departures, and international arrivals. | Avgas ..... 19.3¢/gal<br>Jet Fuel ..... 21.8¢/gal<br>Ticket tax ..... 7.5%<br>(Plus \$3.00/Flight Segment)<br>Waybill tax ..... 6.25% | None                                                                                                                                                                                                                                                              | 65             |
| Federal Transit Administration Highway Trust Fund (Mass Transit Acct.) General Fund                                 | Federal highway fuel taxes.                                                                                                  | All fuels ..... 2.86¢/gal                                                                                                             | None                                                                                                                                                                                                                                                              | 209            |
| Federal Rail Administration General Fund                                                                            | Appropriations                                                                                                               | n/a                                                                                                                                   |                                                                                                                                                                                                                                                                   |                |
|                                                                                                                     | Appropriations                                                                                                               | n/a                                                                                                                                   | None                                                                                                                                                                                                                                                              |                |
| State - For State Use                                                                                               |                                                                                                                              |                                                                                                                                       |                                                                                                                                                                                                                                                                   |                |
| Fuel Sales Tax<br>(F.S. 206.41(1)(g))<br>(F.S. 206.87(1)(e))<br>(F.S. 206.606)<br>(F.S. 212.0501)<br>(F.S. 206.877) | Highway fuels (not including "alternative" fuels, such as LPG and CNG).<br><br>Off-Highway fuels                             | All fuel ..... 10.1¢/gal<br><br>Diesel ..... 6% of retail fuel price                                                                  | FY 2002-03 Distributions<br>Agricultural Emergency Erad. TF ..... 5<br>Admin. Charge ..... 7<br>Miscellaneous transfers ..... 9<br>Miscellaneous credits & refunds (shrinkage, farmers & fisherman, transit systems, local government) ..... 26<br>Total ..... 47 | 892            |
| SCETS Tax<br>(F.S. 206.41(1)(f))<br>(F.S. 206.608)<br>(F.S. 206.87(1)(d))                                           | Highway Fuels (including "alternative" fuels).                                                                               | Gasoline ..... 4.6¢-5.6¢/gal<br>Diesel ..... 5.6¢/gal                                                                                 | Admin. Charge ..... 4<br>Agricultural Emergency Erad. TF ..... 3<br>Miscellaneous credits and refunds (farmers & fisherman, transit system) ..... 4<br>Total ..... 11                                                                                             | 507            |
| Aviation Fuel Tax<br>(F.S. 206.9825)<br>(F.S. 206.9845)<br>(F.S. 206.9855)                                          | Aviation fuel (except for that used by airlines electing to "prorate" their consumption. See Section 5)                      | All fuels ..... 6.9¢/gal                                                                                                              | G/R service charge ..... 4<br>Administrative Charge ..... 1<br>Collection fees ..... **<br>Airlines in-state wage refunds ..... 14<br>Total ..... 19                                                                                                              | 50             |

\* Revenue estimates are subject to change throughout the fiscal year.

\*\* Less than \$0.5 mil.

Source: Florida Department of Transportation, *A PRIMER* (January 2003).



**Table 6-1 (Continued)**  
**FLORIDA'S TRANSPORTATION TAX SOURCES (2003)**

| Fund/Tax Source                                                                                                                                   | Description                                                                                | Rates (CY 2003)                                                                 | Estimated Proceeds (\$ in millions)*                                                                                                                                           |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                                                                                                                                   |                                                                                            |                                                                                 | Other Uses                                                                                                                                                                     | Transportation |
| State - For State Use (continued)                                                                                                                 |                                                                                            |                                                                                 |                                                                                                                                                                                |                |
| Fuel Use Tax & Fee<br>(F.S. 207.003, 207.004)                                                                                                     | Identification decals & taxes on highway fuels consumed by commercial interstate vehicles. | Decals ..... \$4/yr<br>Fuels ..... Prevailing rates<br>10 day permit ..... \$45 | FY 2002-03 Distributions<br>G/R service charge ..... **<br>Administrative charge ..... 2<br>Total ..... 2                                                                      | 18             |
| Motor Vehicle License Fee<br>(F.S. 320.08, 320.20)<br>(Const. Art. XII Sec. 9(d)(3))                                                              | Annual vehicle registrations.                                                              | Based on vehicle weight                                                         | Education capital expenditures ..... 112                                                                                                                                       | 439            |
| Initial Registration Fee<br>(F.S. 320.072)                                                                                                        | Initial registration surcharge on specified vehicles added to statewide stock.             | One-time ..... \$100                                                            | Refunds ..... 2<br>Gen. Fund ..... 41<br>Total ..... 43                                                                                                                        | 95             |
| Incremental Title Fee<br>(F.S. 319.32)                                                                                                            | Titles issued for newly registered and transferred vehicles, except for for-hire vehicles. | Each ..... \$21                                                                 | None                                                                                                                                                                           | 99             |
| Rental Car Surcharge<br>(F.S. 212.0606)                                                                                                           | Daily surcharge on leased/rental vehicles for first 30 days.                               | \$2.00/day                                                                      | G/R service charge ..... 9<br>Administrative charge ..... **<br>Tourism Promotional Trust Fund ..... 20<br>Int. Trade Promotion Trust Fund ..... 5<br>Total ..... 34           | 100            |
| State - For Local Use                                                                                                                             |                                                                                            |                                                                                 |                                                                                                                                                                                |                |
| Fuel Excise Taxes<br>(Constitutional, County & Municipal Gas Taxes, & Fuel Use Tax)<br>(F.S. 206.41(1)(a),(b),(c))<br>(F.S. 206.87(1)(a),207.003) | All highway fuels.                                                                         | Constitutional ..... 2¢/gal<br>County ..... 1¢<br>Municipal ..... 1¢            | G/R service charge ..... 11<br>Collection fees ..... 6<br>Refunds (farmers & fisherman, local government entities) ..... 1<br>Administrative charges ..... 2<br>Total ..... 20 | 362            |
| Local                                                                                                                                             |                                                                                            |                                                                                 |                                                                                                                                                                                |                |
| Ninth-cent Gas Tax                                                                                                                                | All highway fuels.                                                                         | Gasoline ..... 0-1¢/gal<br>Diesel ..... 1¢/gal                                  | Admin. Charge ..... 1<br>Collection fees ..... 1                                                                                                                               | 68             |
| Local Option Gas Tax<br>(F.S. 206.41(1)(e))<br>(F.S. 206.87(1)(c),336.025)                                                                        | All highway fuels.                                                                         | Gasoline ..... 5-11¢/gal<br>Diesel ..... 6¢/gal                                 | G/R service charge ..... 53<br>Admin. Charge ..... 7<br>Collection fees ..... 6<br>Refunds (farmers & fisherman, transit systems) ..... 2<br>Total ..... 68                    | 663            |

\* Revenue estimates are subject to change throughout the fiscal year.

\*\* Less than \$0.5 mil.

Source: Florida Department of Transportation, Office of Management and Budget, *Florida's Transportation Tax Sources -- A Primer* (January 2003).



**Table 6-2**  
**SOURCES OF TRANSPORTATION FINANCING IN FLORIDA (2002-2003)**

| Source                          | Amount (millions \$) | Percent |
|---------------------------------|----------------------|---------|
| <b>Receipts</b>                 |                      |         |
| State Gas Taxes                 | 1,427                | 27.8    |
| Rental Car Surcharge            | 94                   | 1.8     |
| MVL & Title Fees                | 555                  | 10.8    |
| Aviation Tax                    | 48                   | 0.9     |
| Federal Aid                     | 1,747                | 34.0    |
| Bond Sales                      | 208                  | 4.0     |
| Initial Reg. Fee                | 93                   | 1.8     |
| Turnpike Revenues               | 452                  | 8.8     |
| Other                           | 512                  | 10.0    |
| <b>Disbursements</b>            |                      |         |
| Construction                    | 2,007                | 39.1    |
| Operations/In-House/Maintenance | 908                  | 17.7    |
| Consultants                     | 679                  | 13.2    |
| Right-of-Way Land               | 378                  | 7.4     |
| Public Transportation           | 504                  | 9.8     |
| Debt Service                    | 225                  | 4.4     |
| Local Govt. Projects            | 110                  | 2.1     |
| Other                           | 325                  | 6.3     |

Source: Florida Department of Transportation, *Agency Overview* (July 2003).



**Table 6-3**  
**QUICK REFERENCE TO 2003 HIGHWAY FUEL TAXES**

| Level                      | Tax                    | Amount                                                            | Use                                                                                                                                    |
|----------------------------|------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Federal                    | Fuel Excise Tax        | Gasohol - 13.2¢/gal<br>Gasoline - 18.4¢/gal<br>Diesel - 24.4¢/gal | 2.86¢ for mass transit.<br>0.1¢ for leaking tanks.<br>2.5¢ for deficit reduction for gasohol only.<br>Remainder for roads and bridges. |
|                            | Fuel Sales Tax         | All fuels 10.1¢/gal                                               | At least 15.0% of DOT receipts** dedicated for public transportation. Remainder for any legitimate state transportation purpose.       |
| State (Distributed to DOT) | SCETS* Tax             | Gas/Gasohol<br>4.6¢-5.6¢/gal<br>Diesel - 5.6¢/gal                 | Net receipts must be spent in district where generated.                                                                                |
|                            | Constitutional Gas Tax | All fuels<br>2¢/gal                                               | Acquisition, construction and maintenance of roads.                                                                                    |
|                            | County Gas Tax         | All fuels<br>1¢/gal                                               | Any legitimate county transportation purpose.                                                                                          |
|                            | Municipal Gas Tax      | All fuels<br>1¢/gal                                               | Any legitimate municipal transportation purpose.                                                                                       |
| Local                      | Ninth-cent Gas Tax     | Gas/Gasohol<br>0¢ - 1¢/gal<br>Diesel<br>1¢/gal                    | Any legitimate county or municipal transportation purpose.                                                                             |
|                            | Local Option Gas Tax   | Gas/Gasohol<br>5¢ - 11¢/gal<br>Diesel<br>6¢/gal                   | Local transportation, small counties may also use funds for other infrastructure needs.                                                |

\* State Comprehensive Enhanced Transportation System

\*\* Excluding funding designated for Mobility 2000 Initiative and Transportation Outreach Program

Source: Florida Department of Transportation, Office of Management and Budget, *Florida's Transportation Tax Sources -- A Primer* (January 2003).



**Table 6-4  
LOCALLY IMPOSED FUEL TAXES\*  
(Tax Rates as of January 1, 2003)**

| County    | Motor Fuels (Gasoline and Gasohol) |      |       |                             |       | Special Fuels (Diesel) |      |       |                             |       | Total Est. Distribution |
|-----------|------------------------------------|------|-------|-----------------------------|-------|------------------------|------|-------|-----------------------------|-------|-------------------------|
|           | Rates (cents/gal)                  |      |       | Net 1 cent revenue (\$000s) |       | Rates (cents/gal)      |      |       | Net 1 cent revenue (\$000s) |       |                         |
|           | Local                              | 9th  | Total | Local                       | 9th   | Local                  | 9th  | Total | Local                       | 9th   | (\$000s)                |
| Alachua   | 0.06                               | 0.01 | 0.07  | 1,060                       | 1,134 | 0.06                   | 0.01 | 0.07  | 120                         | 129   | 8,269                   |
| Baker     | 0.06                               | 0.01 | 0.07  | 140                         | 150   | 0.06                   | 0.01 | 0.07  | 26                          | 28    | 1,167                   |
| Bay       | 0.06                               | -    | 0.06  | 838                         | 897   | 0.06                   | 0.01 | 0.07  | 111                         | 120   | 5,759                   |
| Bradford  | 0.06                               | -    | 0.06  | 136                         | 145   | 0.06                   | 0.01 | 0.07  | 21                          | 23    | 955                     |
| Brevard   | 0.06                               | -    | 0.06  | 2,208                       | 2,363 | 0.06                   | 0.01 | 0.07  | 315                         | 341   | 15,336                  |
| Broward   | 0.11                               | 0.01 | 0.12  | 7,289                       | 7,800 | 0.06                   | 0.01 | 0.07  | 778                         | 842   | 93,008                  |
| Calhoun   | 0.06                               | -    | 0.06  | 58                          | 62    | 0.06                   | 0.01 | 0.07  | 22                          | 23    | 499                     |
| Charlotte | 0.11                               | -    | 0.11  | 762                         | 815   | 0.06                   | 0.01 | 0.07  | 127                         | 137   | 9,226                   |
| Citrus    | 0.06                               | -    | 0.06  | 507                         | 543   | 0.06                   | 0.01 | 0.07  | 53                          | 58    | 3,387                   |
| Clay      | 0.06                               | 0.01 | 0.07  | 643                         | 689   | 0.06                   | 0.01 | 0.07  | 73                          | 79    | 5,021                   |
| Collier   | 0.11                               | 0.01 | 0.12  | 1,226                       | 1,312 | 0.06                   | 0.01 | 0.07  | 118                         | 128   | 15,549                  |
| Columbia  | 0.11                               | 0.01 | 0.12  | 400                         | 429   | 0.06                   | 0.01 | 0.07  | 140                         | 151   | 5,795                   |
| Dade      | 0.09                               | 0.01 | 0.10  | 8,934                       | 9,561 | 0.06                   | 0.01 | 0.07  | 1,228                       | 1,329 | 98,074                  |
| DeSoto    | 0.11                               | 0.01 | 0.12  | 88                          | 94    | 0.06                   | 0.01 | 0.07  | 29                          | 32    | 1,267                   |
| Dixie     | 0.06                               | -    | 0.06  | 56                          | 60    | 0.06                   | 0.01 | 0.07  | 23                          | 25    | 500                     |
| Duval     | 0.06                               | -    | 0.06  | 3,874                       | 4,145 | 0.06                   | 0.01 | 0.07  | 1,013                       | 1,096 | 30,162                  |
| Escambia  | 0.06                               | 0.01 | 0.07  | 1,298                       | 1,389 | 0.06                   | 0.01 | 0.07  | 238                         | 257   | 10,773                  |
| Flagler   | 0.06                               | 0.01 | 0.07  | 264                         | 282   | 0.06                   | 0.01 | 0.07  | 35                          | 37    | 2,092                   |
| Franklin  | 0.05                               | -    | 0.05  | 62                          | 67    | 0.06                   | 0.01 | 0.07  | 12                          | 13    | 394                     |
| Gadsden   | 0.06                               | -    | 0.06  | 263                         | 281   | 0.06                   | 0.01 | 0.07  | 213                         | 231   | 3,069                   |
| Gilchrist | 0.06                               | 0.01 | 0.07  | 52                          | 55    | 0.06                   | 0.01 | 0.07  | 9                           | 10    | 426                     |
| Glades    | 0.06                               | 0.01 | 0.07  | 35                          | 38    | 0.06                   | 0.01 | 0.07  | 13                          | 14    | 340                     |
| Gulf      | 0.06                               | -    | 0.06  | 46                          | 49    | 0.06                   | 0.01 | 0.07  | 10                          | 11    | 341                     |
| Hamilton  | 0.06                               | -    | 0.06  | 101                         | 108   | 0.06                   | 0.01 | 0.07  | 69                          | 74    | 1,086                   |
| Hardee    | 0.06                               | 0.01 | 0.07  | 115                         | 123   | 0.06                   | 0.01 | 0.07  | 36                          | 39    | 1,060                   |
| Hendry    | 0.06                               | 0.01 | 0.07  | 176                         | 188   | 0.06                   | 0.01 | 0.07  | 81                          | 87    | 1,801                   |

\* Revenue based on fuel consumption estimates produced by the Department of Revenue for local government FY 2002-03. Net 1 cent revenue for Local Option Fuel Tax includes deductions for dealer collection allowance (for motor fuels 1.1% for first 6¢ and 1.1% for special fuels), refunds (0.03% for all fuels), and general revenue service charge (7.3% for all fuels), while net 1 cent revenue for Ninth-cent Gas Tax (for all fuels) includes deduction only for dealer collection allowance (1.1%).

Source: Florida Department of Transportation, Office of Management and Budget, *Florida's Transportation Tax Sources -- A Primer* (January 2003).



**Table 6-4 (Continued)**  
**LOCALLY IMPOSED FUEL TAXES\***  
**(Tax Rates as of January 1, 2003)**

| County       | Motor Fuels (Gasoline and Gasohol) |      |       |                             |       | Special Fuels (Diesel) |      |       |                             |       | Total Est. Distribution |
|--------------|------------------------------------|------|-------|-----------------------------|-------|------------------------|------|-------|-----------------------------|-------|-------------------------|
|              | Rates (cents/gal)                  |      |       | Net 1 cent revenue (\$000s) |       | Rates (cents/gal)      |      |       | Net 1 cent revenue (\$000s) |       |                         |
|              | Local                              | 9th  | Total | Local                       | 9th   | Local                  | 9th  | Total | Local                       | 9th   | (\$000s)                |
| Hernando     | 0.08                               | 0.01 | 0.09  | 516                         | 552   | 0.06                   | 0.01 | 0.07  | 118                         | 127   | 5,479                   |
| Highlands    | 0.09                               | 0.01 | 0.10  | 348                         | 372   | 0.06                   | 0.01 | 0.07  | 108                         | 117   | 4,242                   |
| Hillsborough | 0.06                               | 0.01 | 0.07  | 4,904                       | 5,248 | 0.06                   | 0.01 | 0.07  | 947                         | 1,025 | 41,057                  |
| Holmes       | 0.06                               | -    | 0.06  | 80                          | 86    | 0.06                   | 0.01 | 0.07  | 34                          | 36    | 715                     |
| Indian River | 0.06                               | -    | 0.06  | 604                         | 647   | 0.06                   | 0.01 | 0.07  | 165                         | 179   | 4,758                   |
| Jackson      | 0.06                               | 0.01 | 0.07  | 257                         | 275   | 0.06                   | 0.01 | 0.07  | 213                         | 230   | 3,303                   |
| Jefferson    | 0.06                               | 0.01 | 0.07  | 91                          | 97    | 0.06                   | 0.01 | 0.07  | 51                          | 55    | 998                     |
| Lafayette    | 0.06                               | -    | 0.06  | 18                          | 19    | 0.06                   | 0.01 | 0.07  | 7                           | 7     | 155                     |
| Lake         | 0.06                               | 0.01 | 0.07  | 1,019                       | 1,090 | 0.06                   | 0.01 | 0.07  | 147                         | 159   | 8,178                   |
| Lee          | 0.11                               | 0.01 | 0.12  | 2,239                       | 2,396 | 0.06                   | 0.01 | 0.07  | 305                         | 330   | 29,036                  |
| Leon         | 0.06                               | 0.01 | 0.07  | 1,088                       | 1,165 | 0.06                   | 0.01 | 0.07  | 125                         | 136   | 8,509                   |
| Levy         | 0.06                               | -    | 0.06  | 186                         | 199   | 0.06                   | 0.01 | 0.07  | 45                          | 48    | 1,418                   |
| Liberty      | 0.06                               | 0.01 | 0.07  | 26                          | 28    | 0.06                   | 0.01 | 0.07  | 20                          | 21    | 325                     |
| Madison      | 0.06                               | -    | 0.06  | 96                          | 103   | 0.06                   | 0.01 | 0.07  | 187                         | 202   | 1,892                   |
| Manatee      | 0.06                               | 0.01 | 0.07  | 1,133                       | 1,212 | 0.06                   | 0.01 | 0.07  | 179                         | 194   | 9,205                   |
| Marion       | 0.06                               | 0.01 | 0.07  | 1,459                       | 1,561 | 0.06                   | 0.01 | 0.07  | 426                         | 461   | 13,231                  |
| Martin       | 0.11                               | 0.01 | 0.12  | 692                         | 740   | 0.06                   | 0.01 | 0.07  | 77                          | 83    | 6,972                   |
| Monroe       | 0.06                               | -    | 0.06  | 544                         | 582   | 0.06                   | 0.01 | 0.07  | 40                          | 43    | 3,506                   |
| Nassau       | 0.06                               | 0.01 | 0.07  | 246                         | 264   | 0.06                   | 0.01 | 0.07  | 78                          | 84    | 2,275                   |
| Okaloosa     | 0.05                               | -    | 0.05  | 881                         | 953   | 0.06                   | 0.01 | 0.07  | 78                          | 85    | 4,960                   |
| Okeechobee   | 0.06                               | 0.01 | 0.07  | 259                         | 277   | 0.06                   | 0.01 | 0.07  | 72                          | 78    | 2,326                   |
| Orange       | 0.06                               | -    | 0.06  | 5,128                       | 5,487 | 0.06                   | 0.01 | 0.07  | 957                         | 1,036 | 37,205                  |

\* Revenue based on fuel consumption estimates produced by the Department of Revenue for local government FY 2002-03. Net 1 cent revenue for Local Option Fuel Tax includes deductions for dealer collection allowance (for motor fuels 1.1% for first 6¢ and 1.1% for special fuels), refunds (0.03% for all fuels), and general revenue service charge (7.3% for all fuels), while net 1 cent revenue for Ninth-cent Gas Tax (for all fuels) includes deduction only for dealer collection allowance (1.1%).

Source: Florida Department of Transportation, Office of Management and Budget, *Florida's Transportation Tax Sources -- A Primer* (January 2003).



**Table 6-4 (Continued)**  
**LOCALLY IMPOSED FUEL TAXES\***  
**(Tax Rates as of January 1, 2003)**

| County     | Motor Fuels (Gasoline and Gasohol) |      |       |                             |        | Special Fuels (Diesel) |      |       |                             |        | Total Est. Distribution |
|------------|------------------------------------|------|-------|-----------------------------|--------|------------------------|------|-------|-----------------------------|--------|-------------------------|
|            | Rates (cents/gal)                  |      |       | Net 1 cent revenue (\$000s) |        | Rates (cents/gal)      |      |       | Net 1 cent revenue (\$000s) |        |                         |
|            | Local                              | 9th  | Total | Local                       | 9th    | Local                  | 9th  | Total | Local                       | 9th    | (\$000s)                |
| Osceola    | 0.06                               | 0.01 | 0.07  | 1,023                       | 1,095  | 0.06                   | 0.01 | 0.07  | 177                         | 191    | 8,419                   |
| Palm Beach | 0.11                               | 0.01 | 0.12  | 4,623                       | 4,947  | 0.06                   | 0.01 | 0.07  | 558                         | 604    | 59,447                  |
| Pasco      | 0.06                               | 0.01 | 0.07  | 1,621                       | 1,735  | 0.06                   | 0.01 | 0.07  | 225                         | 243    | 11,790                  |
| Pinellas   | 0.06                               | -    | 0.06  | 3,446                       | 3,688  | 0.06                   | 0.01 | 0.07  | 325                         | 352    | 22,751                  |
| Polk       | 0.11                               | 0.01 | 0.12  | 2,150                       | 2,301  | 0.06                   | 0.01 | 0.07  | 724                         | 783    | 30,936                  |
| Putnam     | 0.06                               | -    | 0.06  | 293                         | 313    | 0.06                   | 0.01 | 0.07  | 72                          | 77     | 2,243                   |
| St Johns   | 0.06                               | -    | 0.06  | 506                         | 541    | 0.06                   | 0.01 | 0.07  | 80                          | 87     | 3,569                   |
| St Lucie   | 0.11                               | 0.01 | 0.12  | 1,459                       | 1,561  | 0.06                   | 0.01 | 0.07  | 153                         | 165    | 18,590                  |
| Santa Rosa | 0.06                               | -    | 0.06  | 1,629                       | 1,743  | 0.06                   | 0.01 | 0.07  | 161                         | 174    | 10,804                  |
| Sarasota   | 0.11                               | 0.01 | 0.12  | 696                         | 745    | 0.06                   | 0.01 | 0.07  | 196                         | 212    | 9,746                   |
| Seminole   | 0.06                               | 0.01 | 0.07  | 902                         | 965    | 0.06                   | 0.01 | 0.07  | 193                         | 208    | 7,682                   |
| Sumter     | 0.06                               | 0.01 | 0.07  | 348                         | 373    | 0.06                   | 0.01 | 0.07  | 305                         | 330    | 4,599                   |
| Suwannee   | 0.11                               | 0.01 | 0.12  | 213                         | 227    | 0.06                   | 0.01 | 0.07  | 73                          | 79     | 2,206                   |
| Taylor     | 0.06                               | -    | 0.06  | 115                         | 123    | 0.06                   | 0.01 | 0.07  | 60                          | 65     | 1,105                   |
| Union      | 0.05                               | 0.01 | 0.06  | 32                          | 35     | 0.06                   | 0.01 | 0.07  | 29                          | 31     | 398                     |
| Volusia    | 0.11                               | 0.01 | 0.12  | 1,946                       | 2,082  | 0.06                   | 0.01 | 0.07  | 226                         | 244    | 24,955                  |
| Wakulla    | 0.06                               | 0.01 | 0.07  | 92                          | 98     | 0.06                   | 0.01 | 0.07  | 21                          | 22     | 791                     |
| Walton     | 0.06                               | 0.01 | 0.07  | 261                         | 280    | 0.06                   | 0.01 | 0.07  | 112                         | 122    | 2,627                   |
| Washington | 0.06                               | 0.01 | 0.07  | 109                         | 117    | 0.06                   | 0.01 | 0.07  | 19                          | 21     | 901                     |
| Totals     |                                    |      |       | 73,908                      | 79,100 |                        |      |       | 12,996                      | 14,062 | 728,656                 |

\* Revenue based on fuel consumption estimates produced by the Department of Revenue for local government FY 2002-03. Net 1 cent revenue for Local Option Fuel Tax includes deductions for dealer collection allowance (for motor fuels 1.1% for first 6¢ and 1.1% for special fuels), refunds (0.03% for all fuels), and general revenue service charge (7.3% for all fuels), while net 1 cent revenue for Ninth-cent Gas Tax (for all fuels) includes deduction only for dealer collection allowance (1.1%).

Source: Florida Department of Transportation, Office of Management and Budget, *Florida's Transportation Tax Sources -- A Primer* (January 2003).



**Table 6-5**  
**SOURCES OF REVENUES USED FOR STATE-ADMINISTERED HIGHWAYS IN SELECTED STATES, 2001 (%)**

| State       | State            |                                  |                       |                            |                     |       |                   |                    | Federal |               | Local |
|-------------|------------------|----------------------------------|-----------------------|----------------------------|---------------------|-------|-------------------|--------------------|---------|---------------|-------|
|             | Motor Fuel Taxes | Motor Veh. & Motor Carrier Taxes | Road & Crossing Tolls | Approp. From General Funds | Other State Imposts | Misc. | Bond Orig. Issues | Bond Refund Issues | FHWA    | Other Federal |       |
| Florida     | 26.2             | 13.2                             | 13.8                  | 0.2                        | 2.6                 | 3.0   | 6.7               | 0.0                | 30.5    | 0.2           | 3.4   |
| Alabama     | 22.7             | 14.3                             | 0.0                   | 0.0                        | 0.9                 | 0.4   | 0.0               | 0.0                | 59.5    | 0.2           | 1.9   |
| Arizona     | 21.4             | 8.6                              | 0.0                   | 2.7                        | 14.9                | 5.0   | 25.5              | 0.2                | 20.3    | 0.1           | 1.3   |
| California  | 19.0             | 21.7                             | 4.7                   | 2.4                        | 11.9                | 4.2   | 0.0               | 0.0                | 27.9    | 0.7           | 7.6   |
| Georgia     | 13.8             | 7.1                              | 1.4                   | 0.0                        | 14.2                | 6.1   | 8.8               | 0.0                | 48.2    | 0.4           | 0.0   |
| Kentucky    | 21.1             | 34.7                             | 1.0                   | 1.9                        | 0.0                 | 6.5   | 0.0               | 0.0                | 34.5    | 0.2           | 0.0   |
| Mississippi | 32.4             | 11.2                             | 0.0                   | 3.2                        | 9.5                 | 2.2   | 0.0               | 0.0                | 40.1    | 0.4           | 1.2   |
| N. Carolina | 36.3             | 12.5                             | 0.1                   | 4.8                        | 13.2                | 3.1   | 0.0               | 0.0                | 29.4    | 0.4           | 0.3   |
| S. Carolina | 27.7             | 2.5                              | 0.0                   | 6.3                        | 0.0                 | 2.4   | 29.3              | 0.4                | 30.8    | 0.5           | 0.1   |
| Tennessee   | 29.4             | 17.2                             | 0.0                   | 11.0                       | 0.9                 | 4.5   | 0.0               | 0.0                | 35.0    | 0.3           | 1.8   |
| Texas       | 40.0             | 15.5                             | 2.0                   | 0.0                        | 0.6                 | 2.8   | 0.0               | 0.0                | 34.9    | 0.3           | 4.0   |
| U.S. Total  | 23.8             | 13.6                             | 5.9                   | 3.5                        | 0.0                 | 3.7   | 11.2              | 2.2                | 29.8    | 0.5           | 1.6   |

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).



**Table 6-6**  
**SOURCES OF REVENUES USED FOR LOCAL ROADS AND STREETS IN SELECTED STATES, 2001 (%)**

| State       | State            |                                  |                       |                            |                     |       |                | Federal |               | Local |
|-------------|------------------|----------------------------------|-----------------------|----------------------------|---------------------|-------|----------------|---------|---------------|-------|
|             | Motor Fuel Taxes | Motor Veh. & Motor Carrier Taxes | Road & Crossing Tolls | Approp. From General Funds | Other State Imposts | Misc. | Issue of Bonds | FHWA    | Other Federal |       |
| Florida     | 74.0             | 15.4                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.3           | 10.4  |
| Alabama     | 81.2             | 18.6                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.3           | 0.0   |
| Arizona     | 35.4             | 9.3                              | 0.0                   | 0.0                        | 47.4                | 0.5   | 0.0            | 5.9     | 0.6           | 1.0   |
| California  | 47.4             | 2.0                              | 0.0                   | 48.1                       | 0.0                 | 0.0   | 0.0            | 1.1     | 1.3           | 0.0   |
| Georgia     | 65.9             | 33.6                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.5           | 0.0   |
| Kentucky    | 67.1             | 32.8                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.1           | 0.0   |
| Mississippi | 64.6             | 27.6                             | 0.0                   | 0.0                        | 6.2                 | 0.0   | 0.0            | 0.0     | 1.5           | 0.0   |
| N. Carolina | 89.1             | 10.9                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.0           | 0.0   |
| S. Carolina | 90.7             | 5.3                              | 0.0                   | 0.0                        | 0.0                 | 0.0   | 2.4            | 0.0     | 1.6           | 0.0   |
| Tennessee   | 92.3             | 3.6                              | 0.0                   | 0.0                        | 4.0                 | 0.0   | 0.0            | 0.0     | 0.1           | 0.0   |
| Texas       | 1.7              | 97.8                             | 0.0                   | 0.0                        | 0.0                 | 0.0   | 0.0            | 0.0     | 0.5           | 0.0   |
| U.S. Total  | 56.3             | 23.4                             | 0.0                   | 7.6                        | 3.4                 | 0.4   | 1.7            | 5.1     | 1.3           | 0.8   |

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).



**Table 6-7**  
**SOURCES OF REVENUES USED BY LOCAL GOVERNMENTS FOR HIGHWAYS IN SELECTED STATES, 2001 (%)**

| State             | Local                      |                       |                            |                                  |                     |            |                   | State              |                      |             | Federal    |               |
|-------------------|----------------------------|-----------------------|----------------------------|----------------------------------|---------------------|------------|-------------------|--------------------|----------------------|-------------|------------|---------------|
|                   | Motor Fuel & Vehicle Taxes | Road & Crossing Tolls | Approp. From General Funds | Property Taxes & Special Assess. | Other Local Imposts | Misc.      | Bond Orig. Issues | Bond Refund Issues | Highway User Imposts | Other State | FHWA       | Other Federal |
| <b>Florida</b>    | <b>30.6</b>                | <b>2.5</b>            | <b>9.8</b>                 | <b>8.4</b>                       | <b>22.0</b>         | <b>6.3</b> | <b>3.6</b>        | <b>0.0</b>         | <b>13.8</b>          | <b>2.1</b>  | <b>0.0</b> | <b>0.8</b>    |
| Alabama           | 2.9                        | 0.0                   | 26.6                       | 25.5                             | 0.0                 | 17.6       | 0.0               | 0.0                | 24.0                 | 2.2         | 0.0        | 1.2           |
| Arizona           | 0.8                        | 0.0                   | 13.3                       | 1.6                              | 23.7                | 5.7        | 8.0               | 0.0                | 34.2                 | 12.4        | 0.0        | 0.3           |
| California        | 0.0                        | 1.8                   | 26.1                       | 2.2                              | 1.8                 | 22.3       | 0.1               | 21.9               | 18.1                 | 0.0         | 5.1        | 0.6           |
| Georgia           | 0.0                        | 0.0                   | 30.9                       | 0.2                              | 62.4                | 5.9        | 0.6               | 0.0                | 0.0                  | 0.1         | 0.0        | 0.0           |
| Kentucky          | 26.4                       | 0.0                   | 40.7                       | 0.0                              | 0.7                 | 5.1        | 0.0               | 0.0                | 3.4                  | 23.7        | 0.0        | 0.2           |
| Mississippi       | 1.3                        | 0.0                   | 23.3                       | 19.7                             | 10.4                | 2.7        | 11.8              | 0.0                | 20.3                 | 9.4         | 0.0        | 1.0           |
| N. Carolina       | 2.3                        | 0.0                   | 48.0                       | 0.9                              | 0.9                 | 2.9        | 14.3              | 0.0                | 29.7                 | 0.1         | 0.0        | 1.0           |
| S. Carolina       | 0.0                        | 0.0                   | 45.3                       | 21.6                             | 11.1                | 0.0        | 0.0               | 0.0                | 19.2                 | 1.8         | 0.0        | 0.9           |
| Tennessee         | 6.3                        | 0.0                   | 34.1                       | 1.0                              | 0.2                 | 0.0        | 5.7               | 0.0                | 50.4                 | 0.4         | 0.0        | 2.0           |
| Texas             | 4.0                        | 7.2                   | 29.3                       | 18.8                             | 0.0                 | 16.8       | 11.0              | 0.0                | 10.4                 | 0.3         | 0.0        | 2.3           |
| <b>U.S. Total</b> | <b>3.8</b>                 | <b>2.0</b>            | <b>29.0</b>                | <b>12.6</b>                      | <b>6.5</b>          | <b>9.5</b> | <b>6.5</b>        | <b>3.3</b>         | <b>22.5</b>          | <b>2.4</b>  | <b>1.1</b> | <b>0.8</b>    |

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).



**Table 6-8**  
**SOURCES OF TRANSIT OPERATING FUNDING, 2001 (%)**

| State          | System Revenue | Federal Funds | State Funds | Local Funds |
|----------------|----------------|---------------|-------------|-------------|
| <b>Florida</b> | <b>28.9</b>    | <b>11.2</b>   | <b>11.7</b> | <b>48.2</b> |
| Alabama        | 26.7           | 27.3          | 0.2         | 45.8        |
| Arizona        | 27.7           | 5.9           | 15.5        | 50.9        |
| California     | 35.1           | 6.7           | 8.2         | 50.1        |
| Georgia        | 33.7           | 9.9           | 0.0         | 56.4        |
| Kentucky       | 19.3           | 12.8          | 1.0         | 66.9        |
| Mississippi    | 18.1           | 32.8          | 0.0         | 49.2        |
| N. Carolina    | 27.5           | 9.6           | 14.9        | 48.1        |
| S. Carolina    | 61.0           | 29.7          | 8.1         | 1.3         |
| Tennessee      | 29.7           | 15.2          | 16.1        | 39.0        |
| Texas          | 17.8           | 5.0           | 2.9         | 74.4        |
| U.S. Total     | 44.1           | 4.6           | 20.7        | 30.6        |

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).

**Table 6-9**  
**SOURCES OF TRANSIT CAPITAL FUNDING, 2001 (%)**

| State          | System Revenue | Federal Funds | State Funds | Local Funds |
|----------------|----------------|---------------|-------------|-------------|
| <b>Florida</b> | <b>1.9</b>     | <b>77.3</b>   | <b>14.8</b> | <b>6.0</b>  |
| Alabama        | 0.0            | 96.0          | 0.0         | 4.0         |
| Arizona        | 0.0            | 90.4          | 1.2         | 8.4         |
| California     | 3.7            | 55.9          | 13.3        | 27.1        |
| Georgia        | 0.0            | 32.5          | 0.3         | 67.2        |
| Kentucky       | 0.0            | 81.7          | 0.6         | 17.8        |
| Mississippi    | 0.0            | 80.1          | 0.0         | 19.9        |
| N. Carolina    | 0.0            | 39.9          | 7.2         | 52.9        |
| S. Carolina    | 8.0            | 72.9          | 10.9        | 8.3         |
| Tennessee      | 0.3            | 79.4          | 10.4        | 10.0        |
| Texas          | 0.0            | 46.3          | 2.7         | 51.0        |
| U.S. Total     | 19.0           | 47.3          | 10.6        | 22.6        |

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).

**Table 6-10**  
**STATE MOTOR FUEL TAX RATES FOR GASOLINE, 1990-2001 <sup>1</sup> (%)**

| State                   | 1990        | 1991        | 1992        | 1993        | 1994        | 1995        | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Alabama                 | 13.0        | 13.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        |
| Alaska                  | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         |
| Arizona                 | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        |
| Arkansas                | 13.7        | 18.7        | 18.7        | 18.7        | 18.7        | 18.7        | 18.6        | 18.6        | 18.6        | 19.5        | 19.5        | 21.7        |
| California              | 9.0         | 15.0        | 16.0        | 17.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        |
| Colorado                | 20.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        |
| Connecticut             | 22.0        | 25.0        | 26.0        | 29.0        | 31.0        | 34.0        | 38.0        | 36.0        | 32.0        | 32.0        | 32.0        | 25.0        |
| Delaware                | 16.0        | 19.0        | 19.0        | 22.0        | 22.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        |
| Dist. of Col.           | 18.0        | 18.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| <b>Florida</b>          | <b>10.9</b> | <b>11.2</b> | <b>11.6</b> | <b>11.8</b> | <b>12.1</b> | <b>12.3</b> | <b>12.5</b> | <b>12.8</b> | <b>13.0</b> | <b>13.1</b> | <b>13.1</b> | <b>13.6</b> |
| Georgia                 | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         |
| Hawaii                  | 11.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| Idaho                   | 18.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Illinois                | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        |
| Indiana                 | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        |
| Iowa                    | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Kansas                  | 16.0        | 17.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 20.0        | 20.0        | 21.0        |
| Kentucky                | 15.4        | 15.4        | 15.4        | 15.4        | 16.4        | 16.4        | 16.4        | 16.4        | 16.4        | 16.4        | 16.4        | 16.4        |
| Louisiana               | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Maine                   | 17.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 22.0        |
| Maryland                | 18.5        | 18.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        | 23.5        |
| Massachusetts           | 17.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        |
| Michigan                | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        |
| Minnesota               | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Mississippi             | 18.2        | 18.2        | 18.2        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        |
| Missouri                | 11.0        | 11.0        | 13.0        | 13.0        | 15.0        | 15.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        |
| Montana                 | 20.0        | 20.0        | 21.4        | 24.0        | 27.0        | 27.0        | 27.0        | 27.0        | 27.0        | 27.0        | 27.0        | 27.0        |
| Nebraska                | 21.7        | 23.7        | 24.6        | 24.4        | 25.4        | 25.4        | 25.9        | 24.5        | 23.5        | 22.8        | 22.8        | 24.5        |
| Nevada                  | 18.0        | 21.5        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.8        | 24.8        | 24.8        | 24.8        | 24.8        |
| New Hampshire           | 16.6        | 18.6        | 18.6        | 18.7        | 18.7        | 18.7        | 18.7        | 18.7        | 19.5        | 19.5        | 19.5        | 19.5        |
| New Jersey              | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        | 10.5        |
| New Mexico              | 17.0        | 17.0        | 17.0        | 23.0        | 21.0        | 18.0        | 18.9        | 18.9        | 18.5        | 18.5        | 18.5        | 18.5        |
| New York                | 14.4        | 20.8        | 22.9        | 22.9        | 22.6        | 21.9        | 21.8        | 22.8        | 22.7        | 29.3        | 29.3        | 22.0        |
| N. Carolina             | 21.5        | 22.6        | 21.9        | 22.0        | 21.3        | 21.6        | 21.7        | 22.6        | 21.6        | 21.2        | 21.2        | 24.1        |
| N. Dakota               | 17.0        | 17.0        | 17.0        | 18.0        | 18.0        | 18.0        | 20.0        | 20.0        | 20.0        | 21.0        | 21.0        | 21.0        |
| Ohio                    | 20.0        | 21.0        | 21.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        |
| Oklahoma                | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        |
| Oregon                  | 18.0        | 20.0        | 22.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        |
| Pennsylvania            | 18.2        | 22.4        | 22.4        | 22.4        | 22.4        | 22.4        | 22.4        | 25.9        | 25.9        | 25.9        | 25.9        | 26.0        |
| Rhode Island            | 20.0        | 26.0        | 26.0        | 28.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        |
| S. Carolina             | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| S. Dakota               | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 21.0        | 18.0        | 22.0        | 22.0        | 22.0        |
| Tennessee               | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Texas                   | 15.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Utah                    | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 24.5        | 24.5        | 24.5        | 24.5        | 24.5        |
| Vermont                 | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Virginia                | 17.7        | 17.7        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        | 17.5        |
| Washington              | 22.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        |
| W. Virginia             | 20.4        | 20.4        | 20.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        |
| Wisconsin               | 21.5        | 22.2        | 22.2        | 23.2        | 23.1        | 23.4        | 23.7        | 23.8        | 25.4        | 25.4        | 25.4        | 27.3        |
| Wyoming                 | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 14.0        | 14.0        | 14.0        | 14.0        |
| State Avg. <sup>2</sup> | 15.5        | 17.6        | 18.0        | 18.3        | 18.5        | 18.5        | 18.7        | 19.1        | 20.0        | 19.3        | 20.2        | 19.1        |

<sup>1</sup> This table shows the tax rates for motor fuel as of December 31 for each year.

<sup>2</sup> Weighted average based on net gallons taxed.

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).



**Table 6-11**  
**STATE MOTOR FUEL TAX RATES FOR DIESEL, 1990-2001 <sup>1</sup> (%)**

| STATE                   | 1990        | 1991        | 1992        | 1993        | 1994        | 1995        | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Alabama                 | 14.0        | 14.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        |
| Alaska                  | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         |
| Arizona                 | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 27.0        | 27.0        | 27.0        | 26.0        |
| Arkansas                | 12.7        | 18.7        | 18.7        | 18.7        | 18.7        | 18.7        | 18.6        | 18.6        | 18.6        | 20.5        | 20.5        | 22.7        |
| California              | 9.0         | 15.0        | 16.0        | 17.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        |
| Colorado                | 18.0        | 18.0        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        | 20.5        |
| Connecticut             | 22.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        |
| Delaware                | 16.0        | 19.0        | 19.0        | 19.0        | 19.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        |
| Dist. of Col.           | 18.0        | 18.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| <b>Florida</b>          | <b>10.9</b> | <b>12.2</b> | <b>18.7</b> | <b>21.0</b> | <b>23.6</b> | <b>23.9</b> | <b>24.2</b> | <b>24.6</b> | <b>25.0</b> | <b>25.1</b> | <b>25.1</b> | <b>25.9</b> |
| Georgia                 | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         | 7.5         |
| Hawaii                  | 11.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| Idaho                   | 18.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Illinois                | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        | 21.5        |
| Indiana                 | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| Iowa                    | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        | 22.5        |
| Kansas                  | 18.0        | 19.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 22.0        | 22.0        | 23.0        |
| Kentucky                | 12.4        | 12.4        | 12.4        | 12.4        | 13.4        | 13.4        | 13.4        | 13.4        | 13.4        | 13.4        | 13.4        | 13.4        |
| Louisiana               | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Maine                   | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 23.0        | 23.0        |
| Maryland                | 18.5        | 18.5        | 19.3        | 24.3        | 24.3        | 24.3        | 24.3        | 24.3        | 24.3        | 24.3        | 24.3        | 24.3        |
| Massachusetts           | 17.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        | 21.0        |
| Michigan                | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        | 15.0        |
| Minnesota               | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Mississippi             | 18.2        | 18.2        | 18.2        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        | 18.4        |
| Missouri                | 11.0        | 11.0        | 13.0        | 13.0        | 15.0        | 15.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        |
| Montana                 | 20.0        | 20.0        | 21.4        | 24.0        | 27.8        | 27.8        | 27.8        | 27.8        | 27.8        | 27.8        | 27.8        | 27.8        |
| Nebraska                | 21.5        | 23.5        | 24.8        | 24.0        | 25.0        | 25.0        | 25.5        | 24.5        | 23.5        | 22.8        | 22.8        | 24.5        |
| Nevada                  | 22.0        | 24.5        | 27.0        | 27.0        | 27.0        | 27.0        | 27.0        | 27.8        | 27.8        | 27.8        | 27.8        | 27.8        |
| New Hampshire           | 16.6        | 18.6        | 18.6        | 18.7        | 18.7        | 18.7        | 18.7        | 18.7        | 19.5        | 19.5        | 19.5        | 19.5        |
| New Jersey              | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        | 13.5        |
| New Mexico              | 17.0        | 17.0        | 17.0        | 19.0        | 19.0        | 19.0        | 19.9        | 19.9        | 19.5        | 19.5        | 19.5        | 19.5        |
| New York                | 16.3        | 22.8        | 24.8        | 24.8        | 24.5        | 23.9        | 23.7        | 22.7        | 21.9        | 28.0        | 27.9        | 20.3        |
| N. Carolina             | 21.5        | 22.6        | 21.9        | 22.0        | 21.3        | 21.6        | 21.7        | 22.6        | 21.6        | 21.2        | 21.2        | 24.1        |
| N. Dakota               | 17.0        | 17.0        | 17.0        | 18.0        | 18.0        | 18.0        | 20.0        | 20.0        | 20.0        | 21.0        | 21.0        | 21.0        |
| Ohio                    | 20.0        | 21.0        | 21.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        |
| Oklahoma                | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        | 14.0        |
| Oregon                  | 18.0        | 20.0        | 22.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        | 24.0        |
| Pennsylvania            | 18.2        | 22.4        | 22.4        | 22.4        | 22.4        | 22.4        | 22.4        | 30.8        | 30.8        | 30.8        | 30.8        | 30.9        |
| Rhode Island            | 20.0        | 26.0        | 26.0        | 28.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        | 29.0        |
| S. Carolina             | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| S. Dakota               | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 18.0        | 21.0        | 18.0        | 22.0        | 22.0        | 22.0        |
| Tennessee               | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        |
| Texas                   | 15.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        | 20.0        |
| Utah                    | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 19.0        | 24.5        | 24.5        | 24.5        | 24.5        | 24.5        |
| Vermont                 | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 17.0        | 26.0        |
| Virginia                | 16.2        | 16.2        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        | 16.0        |
| Washington              | 22.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        | 23.0        |
| W. Virginia             | 20.4        | 20.4        | 20.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.4        | 25.7        |
| Wisconsin               | 21.5        | 22.2        | 22.2        | 23.2        | 23.1        | 23.4        | 23.7        | 23.8        | 25.4        | 25.4        | 25.4        | 27.3        |
| Wyoming                 | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 9.0         | 14.0        | 14.0        | 14.0        | 14.0        |
| State Avg. <sup>2</sup> | 16.0        | 17.6        | 18.3        | 18.6        | 18.9        | 19.0        | 19.0        | 19.5        | 20.2        | 20.0        | 20.4        | 19.7        |

<sup>1</sup> This table shows the tax rates for motor fuel as of December 31 for each year.

<sup>2</sup> Weighted average based on net gallons taxed.

Source: U.S. Department of Transportation, Federal Highway Administration, *2001 Highway Statistics* (October 2002).



**Table 6-12**  
**AUTOMOBILE REGISTRATION FEE BY STATE (2001)**

| State          | Fee                                                             |
|----------------|-----------------------------------------------------------------|
| Alabama        | \$24.25                                                         |
| Alaska         | \$68.00                                                         |
| Arizona        | \$8.00                                                          |
| Arkansas       | Based on unladen weight of vehicle                              |
| California     | \$28.00                                                         |
| Colorado       | Based on weight and vehicle model year                          |
| Connecticut    | \$70.00                                                         |
| Delaware       | \$20.00                                                         |
| Dist. of Col   | Based on vehicle weight                                         |
| <b>Florida</b> | <b>Based on weight of vehicle</b>                               |
| Georgia        | \$20.00                                                         |
| Hawaii         | \$20.00 plus \$1.25 per pound                                   |
| Idaho          | Based on vehicle model year                                     |
| Illinois       | \$48.00                                                         |
| Indiana        | \$12.75                                                         |
| Iowa           | 40¢ per hundred lbs. vehicle weight plus 1 % of vehicle's value |
| Kansas         | Based on vehicle weight                                         |
| Kentucky       | \$14.50                                                         |
| Louisiana      | \$10 per year for a four year period for \$10,000 or less       |
| Maine          | \$23.00                                                         |
| Maryland       | \$27 to \$40.50 (based on vehicle weight)                       |
| Massachusetts  | \$30.00                                                         |
| Michigan       | Based on weight and vehicle model year                          |
| Minnesota      | Based on Value and Age                                          |
| Mississippi    | \$23.75                                                         |
| Missouri       | Based on vehicle horsepower                                     |

| State          | Fee                                         |
|----------------|---------------------------------------------|
| Montana        | Based on vehicle weight                     |
| Nebraska       | \$17.50                                     |
| Nevada         | \$33.00                                     |
| New Hampshire  | Based on vehicle weight                     |
| New Jersey     | Based on vehicle weight and model year      |
| New Mexico     | Based on vehicle weight and model year      |
| New York       | Based on vehicle weight and engine type     |
| North Carolina | \$20.00                                     |
| North Dakota   | Based on weight and number of registrations |
| Ohio           | \$25                                        |
| Oklahoma       | \$20.00 + value and age of vehicle          |
| Oregon         | \$30.00                                     |
| Pennsylvania   | \$24.00                                     |
| Rhode Island   | \$30.00                                     |
| South Carolina | \$24.00 (for two year period)               |
| South Dakota   | Based on weight and vehicle model year      |
| Tennessee      | \$23.00                                     |
| Texas          | Based on vehicle model year                 |
| Utah           | \$21.00 - \$49.50                           |
| Vermont        | \$42.00                                     |
| Virginia       | Based on vehicle weight                     |
| Washington     | \$33.00                                     |
| West Virginia  | \$30.00                                     |
| Wisconsin      | \$45.00                                     |
| Wyoming        | \$15.00                                     |
| Puerto Rico    | \$40.00                                     |

Source: Federal Highway Administration. *Highway Taxes and Fees: How They are Collected and Distributed* (June 2001).



**Table 6-13**  
**COST PER CENTERLINE MILE - STATE RURAL ROADS (2002)**  
**(2, 4, 6, and 8 lanes)**

| Construction Type                                                       | No. of Lanes | Estimated Cost (High) (\$) |
|-------------------------------------------------------------------------|--------------|----------------------------|
| New Construction with 5' Paved Shoulders                                | 2            | 2,172,300                  |
| Milling & Resurfacing with 5' Paved Shoulders                           | 2            | 477,800                    |
| Routine Maintenance (Annual)                                            | 2            | 21,700                     |
| New Construction (Interstate) with 10' Paved Shoulders                  | 4            | 4,018,600                  |
| New Construction (Undivided) with 10' Paved Shoulders w/12' Aux. Ln     | 4            | 3,317,700                  |
| Milling & Resurfacing (Arterial) with 5' Paved Shoulders w/12' Aux. Ln  | 4            | 686,900                    |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulders             | 4            | 777,700                    |
| Add 2 Lanes (To Existing 2 Ln) with 5' Paved Shoulders                  | 4            | 2,381,600                  |
| Routine Maintenance (Annual)                                            | 4            | 40,700                     |
| New Construction (Interstate) with 10' Paved Shoulders                  | 6            | 4,858,900                  |
| New Construction (Undivided) with 5' Paved Shoulders                    | 6            | 4,276,100                  |
| New Construction (Divided) with 5' Paved Shoulders                      | 6            | 4,098,000                  |
| Milling & Resurfacing (Arterial) with 5' Paved Shoulders w/12' Aux. Ln  | 6            | 836,800                    |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulders             | 6            | 1,001,300                  |
| Add 2 Lanes (To existing 4 Ln) with 5' Paved Shoulders                  | 6            | 2,652,200                  |
| Add 2 Lanes (Interstate-Inside) with 10' Paved Shoulders                | 6            | 3,145,700                  |
| Routine Maintenance (Annual)                                            | 6            | 60,800                     |
| New Construction (Interstate) with 10' Paved Shoulders                  | 8            | 5,453,800                  |
| New Construction (Undivided) with 10' Paved Shoulders w/12' Aux. Ln     | 8            | 5,178,900                  |
| New Construction (Divided) with 10' Paved Shoulders                     | 8            | 5,184,600                  |
| Milling & Resurfacing (Arterial) with 10' Paved Shoulders w/12' Aux. Ln | 8            | 1,115,200                  |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulders             | 8            | 1,220,100                  |
| Add 2 Lanes (To Existing 6 Ln) with 5' Paved Shoulders                  | 8            | 2,803,000                  |
| Add 2 Lanes (To Existing 6 Ln- inside ) with 10' Paved Shoulders        | 8            | 3,360,800                  |
| Routine Maintenance (Annual)                                            | 8            | N/A                        |

Note: Figures are for 2002 construction costs for one centerline mile of roadway including structures up to 20 feet in length; they may not be comparable to prior year figures in all cases.

These figures **exclude costs** for intersections/interchanges/structures over 20 feet, right-of-way, landscaping, traffic signals preliminary engineering, and construction engineering inspection.

The cost-per-centerline mile figures are based on general, statewide averages. They are not to be used for Work Program estimating because they are not job specific.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-14**  
**COST PER CENTERLINE MILE - STATE URBAN ROADS (2002)**  
**(2, 4, 6, and 8 lanes)**

| Construction Type                                                         | No. of Lanes | Estimated Cost (\$) |
|---------------------------------------------------------------------------|--------------|---------------------|
| New Construction with 5' Sidewalk, Curb, Gutter & 10' Refuge Ln           | 2            | 2,821,800           |
| Milling & Resurfacing Curb to Curb                                        | 2            | 422,100             |
| Routine Maintenance (Annual)                                              | 2            | 26,300              |
| New Construction (Interstate) with 10' Paved Shoulders                    | 4            | 4,765,100           |
| New Const. (Undivided) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln       | 4            | 3,305,100           |
| New Const. (Divided) with 5' Sidewalk, Curb, Gutter & 10' Refuge Ln       | 4            | 4,273,200           |
| Milling & Resurfacing (Arterial) Curb to Curb w/12' Aux/ Ln               | 4            | 541,200             |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulder                | 4            | 785,200             |
| Add 2 Lns (To Existing 2 Ln) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln | 4            | 2,812,900           |
| Routine Maintenance (Annual)                                              | 4            | 58,500              |
| New Construction (Interstate) with 10' Paved Shoulders                    | 6            | 5,706,100           |
| New Const. (Undivided) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln       | 6            | 3,979,500           |
| New Const. (Divided) with 5' Sidewalk, Curb, Gutter & 10' Refuge Ln       | 6            | 4,946,300           |
| Milling & Resurfacing (Arterial) Curb to Curb w/ 12' Aux Ln               | 6            | 718,200             |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulder                | 6            | 1,157,500           |
| Add 2 Lns (To Existing 4 Ln) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln | 6            | 2,754,600           |
| Add 2 Lanes (To Existing 4 Ln Interstate-Inside) with 10' Paved           | 6            | 3,232,100           |
| Routine Maintenance (Annual)                                              | 6            | 115,000             |
| New Construction (Interstate) with 10' Paved Shoulders                    | 8            | 6,278,700           |
| New Const. (Undivided) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln       | 8            | 4,636,000           |
| New Const. (Divided) with 5' Sidewalk, Curb, Gutter & 10' Refuge Ln       | 8            | 5,473,000           |
| Milling & Resurfacing (Arterial) Curb to Curb w/ 8.5' Refuge Ln           | 8            | 1,081,600           |
| Milling & Resurfacing (Interstate) with 10' Paved Shoulder                | 8            | 1,226,200           |
| Add 2 Lns (To Existing 6 Ln) with 5' Sidewalk, Curb, Gutter & 12' Aux. Ln | 8            | 3,100,100           |
| Add 2 Lanes (To Existing 6 Ln Interstate-Inside) with 10' Paved           | 8            | 3,734,200           |
| Routine Maintenance (Annual)                                              | 8            | 129,400             |

Note: Figures are for 2002 construction costs for one centerline mile of roadway including structures up to 20 feet in length; they may not be comparable to prior year figures in all cases.

These figures exclude costs for intersections/interchanges/structures over 20 feet, right-of-way, landscaping, traffic signals preliminary engineering, and construction engineering inspection.

The cost-per-centerline mile figures are based on general, statewide averages. They are not to be used for Work Program estimating because they are not job specific.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-15**  
**NATIONAL AVERAGE COST PER CENTERLINE MILE (2002)**  
**(2, 4, and 6 lanes)**

| Improvement                   | Average Cost (\$) |           |           |
|-------------------------------|-------------------|-----------|-----------|
|                               | 2 Lanes           | 4 Lanes   | 6 Lanes   |
| <b>State Rural Roads</b>      |                   |           |           |
| New Construction (Interstate) | n/a               | 4,081,600 | 4,858,900 |
| New Construction (Undivided)  |                   | 3,317,700 | 4,276,100 |
| New Construction (Divided)    | 2,172,300         | 3,240,700 | 4,098,000 |
| Resurfacing (Arterial)        | 477,800           | 686,900   | 836,800   |
| Resurfacing (Interstate)      | n/a               | 777,700   | 1,001,300 |
| Add 2 Lanes                   |                   | 2,381,600 | 2,652,200 |
| Routine Maintenance           | 21,700            | 40,700    | 60,800    |

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).

**Table 6-16**  
**COST OF TRAFFIC SIGNALS (2002)**

| Activity                   | Rural (\$) | Urban (\$) | Average Cost (\$) |
|----------------------------|------------|------------|-------------------|
| Installation (Mast Arm)    | 129,400    | 113,300    | 121,400           |
| Installation (Strain Pole) | 68,700     | 60,300     | 64,500            |
| Maintenance                | -          | -          | 2,150*            |

\* Per Intersection/Year

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-17**  
**NEW BRIDGE CONSTRUCTION (2002)**  
**(cost per square foot)**

| Bridge Type                                                                           | Low (\$) | High (\$) |
|---------------------------------------------------------------------------------------|----------|-----------|
| Short Span, Reinforced Concrete Flat Slab Simple Span                                 | 50       | 65        |
| Short Span, Reinforced Concrete Flat Slab Continuous Span                             | 60       | 80        |
| Medium Span Bridge, Steel Deck/Girder - Simple Span                                   | 62       | 75        |
| Medium Span Bridge, Steel Deck/Girder - Continuous Span                               | 70       | 90        |
| Prestressed Concrete Deck/Girder - Simple Span                                        | 50       | 70        |
| Prestressed Concrete Deck/Girder - Continuous Span                                    | 65       | 110       |
| Long Span Bridge, Steel Box Deck/Girder - 150'-280'                                   | 76       | 120       |
| Long Span Bridge, Segmental Concrete Box Girders - Cantilever Construction, 150'-280' | 80       | 110       |
| Long Span Bridge, Movable Bridge - Bascule Spans and Piers                            | 900      | 1,500     |

Notes: Figures are for 2002 construction costs per square foot of deck area, including allowance for handrails; they may not be comparable to prior year figures in all cases.

Costs of preliminary engineering, right-of-way, bridge approaches, mobilization, and construction engineering inspection are not included.

These cost-per-square foot figures are based on general, statewide averages. They are not to be used for Work Program estimating because they are not job specific.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).

**Table 6-18**  
**BRIDGE PRESERVATION (2002)**  
**(cost per square foot)**

| Project Type                        | Low (\$) | High (\$) |
|-------------------------------------|----------|-----------|
| Maintenance (Annual-Fixed Bridge)   | 0.01     | 0.03      |
| Maintenance (Annual-Movable Bridge) | 2.48     | 2.97      |
| Widening (Construction Only)        | 50.00    | 80.00     |

Notes: Figures are for 2002 construction costs per square foot of deck area, including allowance for handrails; they may not be comparable to prior year figures in all cases.

Costs of preliminary engineering, right-of-way, bridge approaches, mobilization, and construction engineering inspection are not included.

These cost-per-square foot figures are based on general, statewide averages. They are not to be used for Work Program estimating because they are not job specific.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-19**  
**AIRPORT COSTS (2002)**

| Construction Type                    | Cost                           |
|--------------------------------------|--------------------------------|
| 3,700 Foot Main Runway               |                                |
| New Construction                     | \$880/lin. ft.(75' width)      |
| Resurfacing                          | \$252/lin. ft. (75' width)     |
| Terminal Structure                   | \$116.50/sq. ft.               |
| Ramps/Taxiways                       | \$11.30/sq. ft.                |
| 100/200/500,000 Gallon Fuel Facility | \$(58,240)/(118,880)/(232,960) |
| 5,000 Foot Main Runway               |                                |
| New Construction                     | \$1,887/lin. ft. (100' width)  |
| Resurfacing                          | \$373/lin. ft. (100' width)    |
| Terminal Structure                   | \$151/sq. ft.                  |
| Ramps/Taxiways                       | \$15.68/sq. ft.                |
| 100/200/500,000 Gallon Fuel Facility | \$(58,240)/(118,880)/(232,960) |
| 13,000 Foot Main Runway              |                                |
| New Construction                     | \$2,516/lin. ft. (150' width)  |
| Resurfacing                          | \$629/lin. ft. (150' width)    |
| Terminal Structure                   | \$186/sq. ft.                  |
| Ramps/Taxiways                       | \$24.64/sq. ft.                |
| 100/200/500,000 Gallon Fuel Facility | \$(58,240)/(118,880)/(232,960) |

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Cost* (March 2003).

**Table 6-20**  
**AIRPORT INVENTORY (2002)**

| Service Level                      | Current Number |
|------------------------------------|----------------|
| Primary Commercial                 | 19             |
| Reliever                           | 24             |
| General Aviation (Publicly owned)  | 78             |
| General Aviation (Privately owned) | 24             |

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation *2002 Transportation Costs* (March 2003).



**Table 6-21**  
**FINANCIAL CHARACTERISTICS OF MASS TRANSIT GUIDEWAY IN**  
**URBANIZED AREAS (2002)**

| Mode               | Attribute                 | Florida (\$)  | United States (\$) |
|--------------------|---------------------------|---------------|--------------------|
| Commuter Rail      | Cost per Car Vehicle Hour | 368.3         | 416.7              |
|                    | Cost per Car Vehicle Mile | 10.6          | 13.3               |
| Heavy Rail         | Cost per Car Vehicle Hour | 171.7         | 181.9              |
|                    | Cost per Car Vehicle Mile | 8.1           | 8.7                |
| Automated Guideway | Cost per Car Vehicle Hour | 168.8         | 185.5              |
|                    | Cost per Car Vehicle Mile | 14.6          | 16.3               |
| Light Rail         | Cost per Car Vehicle Hour | n/a           | 175.8              |
|                    | Cost per Car Vehicle Mile | n/a           | 15.2               |
| Urban Motor Bus    | Cost per Car Vehicle Hour | 43.9 to 66.64 | 71.7 to 84.5       |
|                    | Cost per Car Vehicle Mile | 2.8 to 5.0    | 5.6 to 6.5         |

Note: Price indices should be used to update these numbers to 2003 dollars or other base years. See Table 6-25 for price indices that may be used to update the transit cost figures.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-22  
MASS TRANSIT CAPITAL COSTS ROLLING  
STOCK (2002)**

| Vehicle Type               | Seated<br>Passengers | Unit Cost (\$) |
|----------------------------|----------------------|----------------|
| Van, vanpooling            | 9-15                 | 26,600         |
| Modified Van               | 7                    | 34,400         |
| 22-Foot Cutaway Bus        | 14                   | 49,200         |
| 25-Foot Cutaway Bus        | 18                   | 51,700         |
| 30-Foot Transit Bus w/Lift | 30-32                | 233,000        |
| 35-Foot Transit Bus w/Lift | 42-45                | 274,000        |
| 40-Foot Transit Bus w/Lift | 45-50                | 289,000        |
| 60-Foot Articulated Bus    | 65-70                | 438,000        |
| Light Rail Articulated Cab | 110                  | 2,515,000      |
| Heavy Rail Car             | 110                  | 1,217,000      |
| Commuter Rail Locomotive   | n/a                  | 1,900,000      |
| Commuter Rail Coach        | 110                  | 2,057,000      |

Source: Florida Department of Transportation, Office of Policy Planning Policy Analysis and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-23**  
**MASS TRANSIT OPERATING COSTS (2001)**

| Object Class             | Florida (%) | United States (%) |
|--------------------------|-------------|-------------------|
| Wages and Salaries       | 49          | 46                |
| Fringes                  | 24          | 24                |
| Purchased Transportation | 1           | 10                |
| Materials and Supplies   | 14          | 12                |
| Utilities                | 1           | 1                 |
| Services                 | 6           | 6                 |
| Casualty and Liability   | 2           | 2                 |
| Other                    | 2           | 1                 |

Note: Percentages may not equal 100 due to rounding.

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-24**  
**UNIT COSTS FOR BICYCLE AND PEDESTRIAN FACILITIES (2003)**

| Facilities                                                  | Unit Cost (\$) |
|-------------------------------------------------------------|----------------|
| <b>Bicycle Facilities</b>                                   |                |
| Bike Path Per Mile (12 ft. Width) R & R Conversion          | 467,000        |
| Bike Lane Per Mile (5 ft. Width-2 Sides) Pavement Extension | 622,000        |
| Bike Lockers (For 2 Bicycles)                               | 3,200          |
| <b>Pedestrian Facilities</b>                                |                |
| Sidewalks Per Mile (4 Inch Depth)                           |                |
| 5 ft. Width-1 Side                                          | 157,000        |
| 6 ft. Width-1 Side                                          | 189,000        |
| Pedestrian Overpass with Enclosure (Per Square Foot)        | 220            |
| Brickpavers (Per Square Yard)                               |                |
| Roadway                                                     | 90             |
| Sidewalk                                                    | 40             |
| "Walk/Don't Walk" Signal System                             |                |
| Signalhead (Each)                                           | 350            |
| Activator (Each)                                            | 105            |
| Two Corners (Four of Each Unit Above)                       | 1,900          |
| Four Corners (Eight of Each Unit Above)                     | 3,900          |
| Raised Island/Refuge Island (Porkchop)                      |                |
| Type "D" Curb (Per Linear Foot)                             | 18             |
| 4-inch Sidewalk fill (Per Square Yard)                      | 19             |
| Handicap Curb Ramp (Concurrent with Construction)           | 0              |

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-25**  
**FLORIDA DEPARTMENT OF TRANSPORTATION**  
**LONG-TERM CONSTRUCTION COST INFLATION FORECAST (2003)**

| <b>Fiscal Year</b> | <b>Price Trends Index</b> | <b>Annual Inflation Rate (%)</b> | <b>IPD for State &amp; Local Government Structures (% Growth)</b> |
|--------------------|---------------------------|----------------------------------|-------------------------------------------------------------------|
| 1991               | 101.4                     | 2.7                              | 2.6                                                               |
| 1992               | 97.4                      | -3.9                             | 0.6                                                               |
| 1993               | 94.0                      | -3.5                             | 1.7                                                               |
| 1994               | 95.7                      | 1.8                              | 2.6                                                               |
| 1995               | 94.4                      | -1.4                             | 4.3                                                               |
| 1996               | 96.3                      | 1.9                              | 3.6                                                               |
| 1997               | 94.5                      | -1.8                             | 3.2                                                               |
| 1998               | 96.7                      | 2.3                              | 3.1                                                               |
| 1999               | 100.3                     | 3.7                              | 3.1                                                               |
| 2000               | 103.9                     | 3.6                              | 4.1                                                               |
| 2001               | 107.5                     | 3.5                              | 4.6                                                               |
| 2002               | 111.3                     | 3.5                              | 2.5                                                               |
| 2003               | 115.3                     | 3.6                              | 1.4                                                               |
| 2004               | 119.3                     | 3.5                              | 2.1                                                               |
| 2005               | 123.2                     | 3.3                              | 2.4                                                               |
| 2006               | 127.3                     | 3.3                              | 2.8                                                               |
| 2007               | 131.5                     | 3.3                              | 2.9                                                               |
| 2008               | 135.8                     | 3.3                              | 2.9                                                               |
| 2009               | 140.3                     | 3.3                              | 2.9                                                               |
| 2010               | 145.0                     | 3.3                              | 2.9                                                               |
| 2011               | 149.7                     | 3.3                              | 2.9                                                               |
| 2012               | 154.7                     | 3.3                              | 2.9                                                               |

Source: Florida Department of Transportation, Office of Policy Planning, Policy Analysis, and Program Evaluation, *2002 Transportation Costs* (March 2003).



**Table 6-26**  
**SOURCES OF FUNDING FOR STATE WORK PROGRAM COMPONENTS (MILLIONS of \$)**  
**(budgeted only)**

| Program Areas            | Actual<br>01/02 | Plan<br>02/03  | First Five Years |                |                |                |                | Total           |
|--------------------------|-----------------|----------------|------------------|----------------|----------------|----------------|----------------|-----------------|
|                          |                 |                | 03/04            | 04/05          | 05/06          | 06/07          | 07/08          |                 |
| <b>Construction Fund</b> | <b>2,671.4</b>  | <b>1,937.1</b> | <b>3,840.6</b>   | <b>2,661.8</b> | <b>1,666.1</b> | <b>1,856.8</b> | <b>1,896.0</b> | <b>11,921.2</b> |
| I, IM                    | 146.5           | 24.6           | 215.5            | 79.2           | 108.0          | 81.8           | 91.7           | 576.3           |
| NHS                      | 620.5           | 471.3          | 840.8            | 506.7          | 172.5          | 135.6          | 7.8            | 1,663.3         |
| O.F.A.                   | 636.2           | 461.0          | 775.2            | 616.6          | 245.5          | 388.8          | 450.6          | 2,476.7         |
| 100% Federal             | 2.3             | 7.2            | 9.7              | 0.0            | 0.0            | 0.0            | 0.0            | 9.7             |
| 100% State               | 960.8           | 745.0          | 1,240.3          | 940.8          | 984.2          | 838.2          | 1,134.2        | 5,137.6         |
| Turnpike                 | 85.8            | 125.8          | 354.1            | 405.5          | 71.2           | 294.4          | 132.2          | 1,257.4         |
| Toll, Local, Other       | 167.4           | 97.0           | 383.5            | 111.7          | 78.0           | 55.1           | 42.5           | 670.7           |
| R/W & BDG. Bonds         | 51.9            | 4.4            | 21.6             | 1.4            | 6.7            | 62.8           | 37.1           | 129.6           |
| <b>Right-of-Way Land</b> | <b>419.5</b>    | <b>393.3</b>   | <b>1,504.8</b>   | <b>355.3</b>   | <b>272.7</b>   | <b>333.1</b>   | <b>304.3</b>   | <b>2,770.3</b>  |
| I, IM                    | 4.1             | 2.5            | 3.9              | 0.0            | 0.0            | 0.0            | 8.3            | 12.2            |
| NHS                      | 81.6            | 104.5          | 126.2            | 0.0            | 0.0            | 0.0            | 2.0            | 128.2           |
| O.F.A.                   | 45.8            | 35.8           | 230.6            | 61.8           | 23.7           | 62.9           | 35.6           | 414.6           |
| 100% Federal             | 7.0             | 0.0            | 12.5             | 0.0            | 0.0            | 0.0            | 0.0            | 12.5            |
| 100% State               | 110.0           | 110.9          | 451.3            | 119.3          | 145.7          | 129.5          | 238.7          | 1,084.5         |
| Turnpike                 | 25.5            | 31.7           | 71.0             | 16.0           | 2.2            | 13.0           | 0.7            | 102.9           |
| Toll, Local, Other       | 7.5             | 6.0            | 100.7            | 73.6           | 1.0            | 1.3            | 1.0            | 177.6           |
| R/W & BDG. Bonds         | 138.0           | 101.9          | 508.7            | 84.7           | 100.1          | 126.3          | 18.0           | 837.8           |
| <b>PTO Funding</b>       | <b>457.4</b>    | <b>531.2</b>   | <b>1,131.9</b>   | <b>477.3</b>   | <b>465.0</b>   | <b>451.6</b>   | <b>460.1</b>   | <b>2,986.2</b>  |
| I, IM                    | 4.0             | 4.0            | 6.1              | 4.0            | 4.0            | 4.0            | 4.0            | 22.1            |
| NHS                      | 0.0             | 0.0            | 0.0              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| O.F.A.                   | 18.4            | 13.1           | 47.6             | 41.3           | 26.1           | 20.0           | 15.3           | 150.3           |
| 100% Federal             | 48.7            | 87.0           | 308.2            | 17.6           | 18.5           | 19.4           | 20.4           | 384.1           |
| 100% State               | 312.8           | 375.0          | 615.5            | 374.2          | 377.3          | 371.2          | 383.9          | 2,122.1         |
| Turnpike                 | 0.0             | 0.0            | 0.0              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| Toll, Local, Other       | 70.5            | 51.8           | 149.8            | 40.1           | 39.1           | 37.0           | 36.9           | 303.0           |
| R/W & BDG. Bonds         | 3.0             | 0.2            | 4.6              | 0.0            | 0.0            | 0.0            | 0.0            | 4.6             |

\* O.F.A. = Other Federal Aid; I,IM = Interstate, Interstate Maintenance; NHS=National Highway Systems

Source: Florida Department of Transportation, *Florida's Adopted Work Program* (July 2002).



**Table 6-26 (Continued)**  
**SOURCES OF FUNDING FOR STATE WORK PROGRAM COMPONENTS (MILLIONS of \$)**  
**(budgeted only)**

| Program Areas           | Actual<br>01/02 | Plan<br>02/03  | First Five Years |                |                |                |                | Total           |
|-------------------------|-----------------|----------------|------------------|----------------|----------------|----------------|----------------|-----------------|
|                         |                 |                | 03/04            | 04/05          | 05/06          | 06/07          | 07/08          |                 |
| <b>In-House Funding</b> | <b>614.7</b>    | <b>630.5</b>   | <b>615.9</b>     | <b>617.5</b>   | <b>624.3</b>   | <b>647.6</b>   | <b>671.0</b>   | <b>3,177.3</b>  |
| I, IM                   | 3.1             | 2.0            | 19.7             | 1.2            | 1.2            | 0.2            | 0.6            | 22.9            |
| NHS                     | 12.8            | 31.8           | 111.8            | 83.0           | 74.3           | 63.4           | 40.4           | 373.0           |
| O.F.A.                  | 64.8            | 61.1           | 172.9            | 158.9          | 121.3          | 131.7          | 126.3          | 711.1           |
| 100% Federal            | 1.4             | 1.0            | 3.1              | 1.1            | 1.2            | 1.2            | 1.1            | 7.7             |
| 100% State              | 443.9           | 445.5          | 220.1            | 293.2          | 344.0          | 367.1          | 416.5          | 1,641.0         |
| Turnpike                | 83.9            | 80.5           | 72.1             | 70.2           | 72.1           | 74.9           | 77.8           | 367.0           |
| Toll, Local, Other      | 4.8             | 8.6            | 16.2             | 9.9            | 10.2           | 9.1            | 9.1            | 54.6            |
| <b>Total Program</b>    | <b>5,593.0</b>  | <b>4,843.0</b> | <b>9,244.4</b>   | <b>5,544.6</b> | <b>4,263.8</b> | <b>4,618.2</b> | <b>4,702.8</b> | <b>28,373.8</b> |
| I, IM                   | 170.2           | 41.6           | 290.4            | 104.3          | 126.5          | 91.5           | 126.0          | 738.7           |
| NHS                     | 841.0           | 785.4          | 1,349.0          | 682.9          | 283.8          | 253.8          | 54.1           | 2,623.6         |
| O.F.A.                  | 916.0           | 682.2          | 1,462.8          | 1,000.4        | 491.1          | 708.6          | 711.9          | 4,374.8         |
| 100% FED                | 109.4           | 141.4          | 426.0            | 58.4           | 58.8           | 60.8           | 63.8           | 667.8           |
| 100% State              | 2,664.1         | 2,387.7        | 3,437.2          | 2,494.4        | 2,666.8        | 2,517.5        | 3,122.0        | 14,238.0        |
| Turnpike                | 338.0           | 419.8          | 808.7            | 751.1          | 279.2          | 561.6          | 363.8          | 2,764.6         |
| Toll, Local, Other      | 339.2           | 263.6          | 861.8            | 355.9          | 241.9          | 215.9          | 199.7          | 1,875.1         |
| R/W & BDG. Bonds        | 215.1           | 121.4          | 608.4            | 97.3           | 115.7          | 208.4          | 61.4           | 1,091.3         |

\* O.F.A. = Other Federal Aid; I,IM = Interstate, Interstate Maintenance; NHS=National Highway Systems

Source: Florida Department of Transportation, *Florida's Adopted Work Program* (July 2002).



**Table 6-26 (Continued)**  
**SOURCES OF FUNDING FOR STATE WORK PROGRAM COMPONENTS (MILLIONS of \$)**  
**(budgeted only)**

| Program Areas            | Next Four Years |                |                |                |                |
|--------------------------|-----------------|----------------|----------------|----------------|----------------|
|                          | 08/09           | 09/10          | 10/11          | 11/12          | Total          |
| <b>Construction Fund</b> | <b>2,006.1</b>  | <b>1,887.7</b> | <b>1,782.6</b> | <b>1,776.8</b> | <b>7,453.3</b> |
| I, IM                    | 73.5            | 117.6          | 116.0          | 121.5          | 428.7          |
| NHS                      | 65.0            | 206.6          | 282.1          | 353.0          | 906.7          |
| O.F.A.                   | 527.1           | 490.9          | 510.3          | 507.7          | 2,036.0        |
| 100% Federal             | 0.0             | 0.0            | 0.0            | 0.0            | 0.2            |
| 100% State               | 1,140.1         | 1,031.4        | 831.6          | 751.9          | 3,755.0        |
| Turnpike                 | 200.3           | 41.0           | 42.7           | 42.7           | 326.7          |
| Toll, Local, Other       | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| R/W & BDG. Bonds         | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>Right-of-Way Land</b> | <b>330.2</b>    | <b>516.2</b>   | <b>598.0</b>   | <b>476.7</b>   | <b>1,921.1</b> |
| I, IM                    | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| NHS                      | 11.0            | 184.0          | 148.8          | 138.0          | 481.8          |
| O.F.A.                   | 17.6            | 18.0           | 18.7           | 18.7           | 73.0           |
| 100% Federal             | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| 100% State               | 301.0           | 313.7          | 430.0          | 319.5          | 1,364.3        |
| Turnpike                 | 0.6             | 0.5            | 0.5            | 0.5            | 2.1            |
| Toll, Local, Other       | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| R/W & BDG. Bonds         | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>PTO Funding</b>       | <b>482.1</b>    | <b>497.5</b>   | <b>512.4</b>   | <b>509.9</b>   | <b>2,002.0</b> |
| I, IM                    | 4.0             | 4.0            | 0.0            | 0.0            | 8.0            |
| NHS                      | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| O.F.A.                   | 40.5            | 41.3           | 42.9           | 42.9           | 167.6          |
| 100% Federal             | 14.8            | 15.1           | 15.7           | 15.7           | 61.3           |
| 100% State               | 386.7           | 399.8          | 415.0          | 412.5          | 1,614.0        |
| Turnpike                 | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |
| Toll, Local, Other       | 36.1            | 37.4           | 38.9           | 38.9           | 151.2          |
| R/W & BDG. Bonds         | 0.0             | 0.0            | 0.0            | 0.0            | 0.0            |

\* O.F.A. = Other Federal Aid; I,IM = Interstate, Interstate Maintenance; NHS=National Highway Systems

Source: Florida Department of Transportation, *Florida's Adopted Work Program* (July 2002).



**Table 6-26 (Continued)**  
**SOURCES OF FUNDING FOR STATE WORK PROGRAM COMPONENTS (MILLIONS of \$)**  
**(budgeted only)**

| Program Areas           | Next Four Years |                |                |                |                 |
|-------------------------|-----------------|----------------|----------------|----------------|-----------------|
|                         | 08/09           | 09/10          | 10/11          | 11/12          | Total           |
| <b>In-House Funding</b> | <b>687.4</b>    | <b>713.2</b>   | <b>740.0</b>   | <b>767.8</b>   | <b>2,908.3</b>  |
| I, IM                   | 0.0             | 0.0            | 0.0            | 0.0            | 0.0             |
| NHS                     | 32.9            | 33.5           | 47.7           | 44.5           | 158.7           |
| O.F.A.                  | 103.2           | 171.8          | 172.4          | 171.4          | 618.9           |
| 100% Federal            | 0.7             | 0.7            | 0.7            | 0.7            | 2.8             |
| 100% State              | 461.0           | 414.4          | 423.0          | 451.6          | 1,750.1         |
| Turnpike                | 80.9            | 84.0           | 87.3           | 90.7           | 342.9           |
| Toll, Local, Other      | 8.7             | 8.7            | 8.7            | 8.7            | 34.9            |
| <b>Total Program</b>    | <b>4,679.4</b>  | <b>4,824.8</b> | <b>4,931.7</b> | <b>4,795.4</b> | <b>19,231.3</b> |
| I, IM                   | 85.6            | 137.6          | 133.0          | 151.5          | 507.8           |
| NHS                     | 129.8           | 498.9          | 607.0          | 609.7          | 1,845.3         |
| O.F.A.                  | 754.7           | 786.0          | 810.2          | 806.2          | 3,157.1         |
| 100% FED                | 48.3            | 49.5           | 51.5           | 51.4           | 200.7           |
| 100% State              | 3,057.0         | 2,941.6        | 2,903.4        | 2,742.0        | 11,644.0        |
| Turnpike                | 451.6           | 252.5          | 261.6          | 264.8          | 1,230.5         |
| Toll, Local, Other      | 152.4           | 158.6          | 165.2          | 169.8          | 645.9           |
| R/W & BDG. Bonds        | 0.0             | 0.0            | 0.0            | 0.0            | 0.0             |

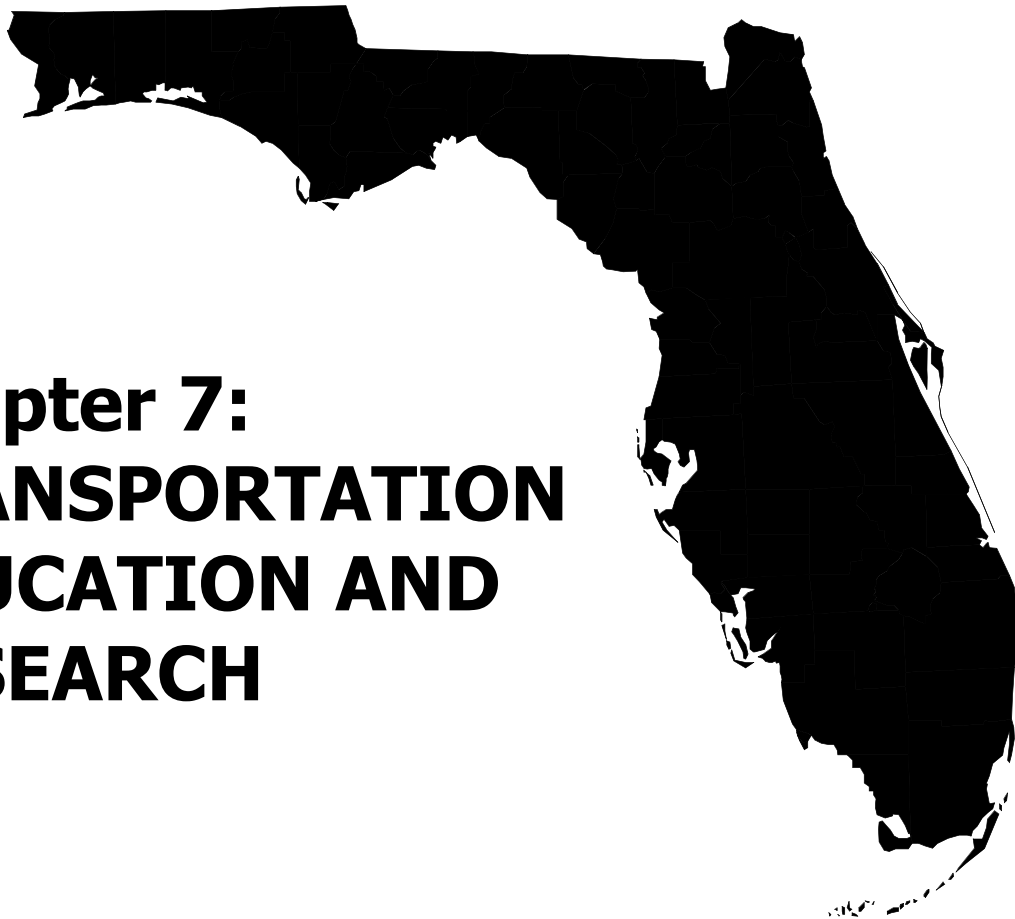
\* O.F.A. = Other Federal Aid; I,IM = Interstate, Interstate Maintenance; NHS=National Highway Systems

Source: Florida Department of Transportation, *Florida's Adopted Work Program* (July 2002).





# **Chapter 7: TRANSPORTATION EDUCATION AND RESEARCH**







### **SECTION HIGHLIGHTS**

- Eleven universities and colleges in Florida have transportation and related degree programs.
- Bachelor's degrees in these programs are offered at 8 universities and colleges.
- Master's degrees in these programs are offered at 7 of the universities and colleges.
- A Ph.D. program is offered at 5 of the universities and colleges.



## Transportation Education in Florida

### **Embry-Riddle Aeronautical University**

600 S. Clyde Morris Blvd., Daytona Beach, FL 32114-3900  
(386) 226-6494, FAX (386) 226-6158  
Irwin Price, Chancellor

Embry-Riddle Aeronautical University has developed a faculty and research staff combining the best of industry, agency, and academic experience. Research for projects at the University have achieved worldwide recognition for its collective expertise in air traffic management, aviation human factors, and aviation safety and security. Grants and contracts to research these areas have been received from diverse organizations, including the FAA, Lockheed Martin, McDonnell Douglas, and NASA. The University provides a genuinely unique research platform. Many of its researchers are experienced pilots, maintenance technicians, and air traffic controllers. Both undergraduate and graduate programs have a recognized commitment to aviation. Moreover, the University owns, maintains, and operates a fleet of more than 100 aircraft. In addition, there is a variety of simulators and PC-based trainers which can be used to analyze many different research questions. Additional research areas of interest at Embry-Riddle include decision-support tasks, aviation software development, meteorology, and air traffic control. The University is also widely recognized for its activities in aviation training, aerospace engineering, aircraft design, noise-reduction research, ozone-related research, software engineering, and related fields. Embry-Riddle Aeronautical University offers more than two dozen AS, BS, and MS degree programs, all with an aviation emphasis. Those programs include such areas as Aerospace Engineering, Aviation Maintenance, Engineering Physics, Aviation Business Administration, Computer science, software engineering, and engineering physics.

### **Florida A & M University (FAMU)**

Department of Civil and Environmental Engineering  
FAMU-FSU College of Engineering, 2525 Potsdamer Street  
Tallahassee, Florida 32310-6046  
(850) 410-6140, FAX (850) 410-6142  
Dr. Jerry Wekezer, P.E. (Chairperson)

The FAMU-FSU College of Engineering is a joint program of the Florida Agricultural and Mechanical University (FAMU) and the Florida State University (FSU). The Department offers a Bachelor of Science, Master of Science Degree, and Ph.D. degrees in Civil Engineering with an emphasis in Transportation Engineering. The Ph.D. program in Civil Engineering was implemented in Fall 1998. Graduate courses offered include Theory of Traffic Flow, Transportation Systems Analysis, Environmental Analysis of Transportation Systems, and Airport Planning and Design. Undergraduate courses offered include Transportation Engineering, Traffic Engineering, and Traffic Operations. The Department conducts research projects in several transportation areas and expands over \$2 million per year. Research assistantships in transportation are available to qualified graduate students.

### **Florida Institute of Technology (FIT)**

School of Aeronautics  
150 W. University Blvd., Melbourne, FL 32901  
(321) 674-8120, FAX (321) 674-8059  
Michael K. Karim, Ph.D., Dean; Dr. Ballard M. Barker, Associate Dean

Florida Institute of Technology's School of Aeronautics offers five BS degree programs in Aeronautical Science and Aviation Management (each with or without FAA Commercial Pilot flight options), and in Aviation Computer Science. Each requires between 126 and 129 semester credits in an appropriate suite of courses. Some transportation courses include aeronautics, meteorology, aerodynamics, commercial pilot, aviation fiscal management, aviation law, airport design, aviation planning, advanced computer planning techniques, multi-modal transportation, airline operations, air transportation management, and airport management. Florida Tech also offers two unique Masters degree programs: Airport Management and Development, Aviation Science and Cognitive Human Factors. Each graduate degree requires 33-38 semester credit hours. Example courses in the graduate include advanced aviation planning, airport development, airport operations, aviation economics and fiscal management, accident investigation, aviation meteorology theory and practice, and impact of aviation on human physiology. The school also hosts two specialized centers dealing in transportation related activities. The Center for Airport Management and Development focuses on research, studies, consultation, and technology transfer on airport and airspace planning, design, development, and operation in the US and abroad. The Space Coast Center for Cognitive Human Factors emphasizes research and development in aircraft cockpit design and instrumentation, advanced cockpit displays, simulations software, and computer-based instruction for advanced general aviation aircraft.



**Florida International University (FIU)**

*Department of Civil and Environmental Engineering*

*10555 W. Flagler Street, EAS 3685*

*Miami, FL 33174*

*(305) 348-2824, FAX (305) 348-2802*

*David Shen, Ph.D. P.E. Director, Lehman Center for Transportation Research*

Florida International University, located in Miami, offers course work leading to a Master of Science degree and a Ph.D. in Civil Engineering with a specialization in transportation. In order to obtain the degree, students must complete 36 credit hours. Some courses offered for transportation specialization are Applied Statistics in Traffic and Transportation, Highway Safety Analysis, Advanced Highway Capacity Analysis, Urban Traffic Characteristics, Urban Mass Transit and Transportation Planning, Planning and Design of Intermodal Facilities, Port Planning and Development, Airport Terminal Design and Operations, Airport Planning and Design, Transportation Systems Modeling and Analysis, Advanced Geometric Design of Highways, Pavement Design, Pavement Management System, Urban Traffic Workshop, Traffic Control Systems Design, Transportation Demand Analysis, and transportation Systems in Developing Nations.

**Jacksonville University (JU)**

*Aeronautics Program*

*2800 University Blvd. North, Jacksonville, FL 32211*

*(800) 225-2027, (904) 256-7000 ext. 7434, FAX (904) 256-7012*

*Capt. Matthew Tuohy, Director of Aviation*

*(800) U-CAN-FLY, Jo Stone, Aviation Admissions Coordinator*

Jacksonville University offers a Bachelor's degree with two major concentrations in Aeronautics. The Aviation Management & Flight Operations major prepares candidates for careers as professional pilots for the airlines or corporate flight departments. The Aviation Management major prepares students for a career as managers for an airport, airline, aviation government agency, or aviation-related business. Jacksonville University has joined forces with COMAIR Aviation Academy, owned and operated by COMAIR Airlines (a DELTA Connection commuter airline). JU's Aeronautics Program combines, for the first time, the academic excellence of a private university with an airline designed and operated flight training program. Flight training includes FAA Private Pilot through Flight Instructor certificates. An advanced Turbine Transition course can be taken as an elective. Qualified candidates have the opportunity to log up to 1,000 hours as paid flight instructors. After completing the phase as instructors, Jacksonville University graduates are guaranteed a job interview with COMAIR Airlines. JU students also enjoy opportunities to get a head start in their careers and develop leadership, communications, and team work skills through specialized programs that emphasize hands-on learning. Students can participate in aviation internships, airline familiarization programs, aviation career workshops, and aviation student organizations.

**University of Central Florida (UCF)**

*Department of Civil and Environmental Engineering*

*PO Box 162450, Orlando, FL 32816-2450*

*(407) 823-2841, FAX (407) 823-3315*

*Dr. Essam Radwan, P.E., Chairperson*

The University of Central Florida, located in Orlando, offers a Master of Science in Civil Engineering degree with a sub-discipline in Transportation. In order to acquire the degree, students must complete 36 semester hours or 30 semester hours including a Thesis (6 hours). Courses included in Transportation include Highway Capacity, Traffic Operations, Highway Safety, Traffic Engineering, Pavement Design, Intelligent Transportation Systems, Mass Transportation Systems, Plan/Design or Airports, Highway Geometric Design, Regional Planning Design and Systems. The UCF also offers a Ph.D. in Civil Engineering with a major in Transportation.

**University of Florida (UF)**

*Civil and Coastal Engineering Department*

*365 Wein Hall, Box 116580*

*Gainesville, FL 32611-6580*

*(352) 392-9537 X 1400 FAX (352) 392-3394*

*Dr. Joseph W. Tedesco, Chairperson*

The University of Florida, located in Gainesville, offers Masters and Ph.D. level degrees with specialization in Transportation Engineering through its Department of Civil and Coastal Engineering. Transportation Engineering program focuses on



systems planning, facilities design, and traffic operations. Course offerings include traffic engineering, transportation corridor operations, traffic management and control, geometric design, traffic safety analysis, systems planning and urban transportation models, as well as a number of elective courses. Furthermore, with the wide diversity of programs available within the Civil and Coastal Engineering department, opportunities exist to pursue other areas of minor emphasis in addition to the major transportation emphasis. The Civil and Coastal Engineering department also offers a Bachelor's degree that allows students to focus in one of several specific discipline areas, including transportation engineering. Core courses in the transportation area include route geometrics, traffic engineering, introduction to traffic control, and transportation facility design.

Research within the transportation program emphasizes the development and integration of advanced electronic and computational technologies to traffic operations, detection, control, safety, and simulation. An additional research emphasis area is the development and application of operational and planning level traffic analysis methodologies. The University of Florida Transportation Engineering program is part of the Southeast Transportation Center (STC) consortium. The STC represents the member institutions of Region IV of the USDOT's University Transportation Centers (UTC) program. For more information, please visit the website for the transportation program: <http://www.ce.ufl.edu/~trans/>.

### **University of North Florida (UNF)**

*Department of Management Marketing and Logistics  
4567 St. John's Bluff Rd, S. Jacksonville, FL 32216  
(904) 620-2780  
C. Bruce Kaven, Chairholder and Director*

The University of North Florida in Jacksonville currently offers a Bachelor's degree in Transportation and Logistics. To obtain the degree, students must complete 84 semester hours of course work. Courses offered include Transportation Economics, Logistics System Analysis, Applied Carrier Management, Introduction to Management Science, Introduction to Management Information Systems, Purchasing Management, Labor Relations, and Seminar in Purchasing and Materials Management. University of North Florida also offers a Civil Engineering degree with classes in Transportation Engineering.

### **University of Miami (UM)**

*Department of Civil, Architectural & Environmental Engineering  
1251 Memorial Drive, McArthur Engineering Building, Coral Gables, FL 33124-0630  
(305) 284-3391  
David A. Chin, Chairperson*

The University of Miami, located in Coral Gables, offers an undergraduate degree in Civil Engineering with concentration in Transportation Engineering. To obtain the degree, students must complete 129 semester units where electives are chosen in the area of Transportation Engineering. Courses offered include Transportation Engineering I and II, which covers the Planning, Design, and Operations of highway facilities, Airports, Mass Transit Systems, Railroads; Advanced Highway Design; Urban Traffic Control; and Transportation Systems Planning and Demand Modeling. The Departments of Management Science and Industrial Engineering offers undergraduate degrees with specialization in Logistics. The Law School offers electives in Aviation Law, which concentrate on the legal aspects of domestic and international aviation.

### **University of South Florida (USF)**

*Civil Engineering Program  
Graduate Interdisciplinary Transportation Program  
4202 E. Fowler Ave., CUT100, Tampa, FL 33620-5375  
Dr. Beverly Ward, Program Coordinator (813) 974-9773*

At USF, located in Tampa, the Civil and Environmental Engineering Department offers graduate programs at both the Master's and Ph.D. levels. Areas of study include Engineering Mechanics, Environmental Engineering, Geotechnical Engineering, Materials Engineering and Science, Structural Engineering, Transportation Engineering and Planning, and Water Resources Engineering, with an extensive undergraduate program in Civil Engineering. The University also offers a Graduate Interdisciplinary Transportation Program for graduate students in Civil Engineering, Economics, and Public Administration, which is designed to provide a better understanding of urban transportation issues as they relate to each discipline to help solve transportation problems. The Program is now being offered as a six-course certificate program. To acquire a Master's degree in any of the three disciplines, students must complete 30 (Civil); 39 (Public Administration) semester credits, of which 17 credits of interdisciplinary core courses including Transportation Engineering, Transportation Planning, Urban



Economics, Microeconomics, Policy Analysis, and Public Planning; and 33 (Economics) semester credits, of which 15 credits are interdisciplinary core courses.

**Florida Atlantic University (FAU)**

*Civil Engineering Department*

*P.O. Box 3091, ENG 213, Boca Raton, FL 33431*

*Dr. Stephen Nix, Chairman (561)297-0466*

The Department of Civil Engineering offers a program of study leading to the degree of Master of Science (M.S.) with Major in Civil Engineering. The mission of the program is to meet the advanced civil engineering educational needs of recent graduates of undergraduate engineering programs, practicing engineers, and those non-engineering professionals wishing to redirect their career paths. The program is designed to enable graduates to identify, formulate, and solve complex civil engineering analysis and design problems independently. Program areas include: Structural Engineering, Water Resource Engineering, Geotechnical Engineering, and Environmental Engineering and a minor in business. A Masters Degree requires the completion of 30 (no thesis, business minor) to 39 (No thesis, business minor) based on what type of degree the student is seeking. In addition, a Bachelor of Science in Civil Engineering is also available. The program of study leading to a Bachelor of Science in Civil Engineering reflects the breadth of the profession. Students complete coursework in basic science and mathematics, engineering sciences, civil engineering systems and materials, and the major disciplines in civil engineering. Because of the tremendous impact civil engineers have on society our curriculum also requires students to pursue studies in the social sciences and the humanities.



## Transportation Research Centers in Florida

### Office of Sponsored Programs (OSP)/Center for Aviation/Aerospace Research (CAAR)

*Embry-Riddle Aeronautical University  
600 South Clyde Morris Boulevard, Daytona Beach, FL 32114-3900  
(904) 226-6380 or 226-6190 FAX (904) 226-7050  
Vice-President of Special Projects  
Dr. L. William Motzel*

The Center for Aviation/Aerospace Research (CAAR) is the research operating arm of the University with the Office of Sponsored Programs (OSP) providing research oversight and administration. To accomplish its research goals CAAR utilizes a team approach, involving full-time researchers, faculty, and students. The Center is the home of interdisciplinary research activities involving aviation and aerospace fields. The primary thrust of CAAR's work is to enhance aviation/aerospace safety and to improve the effectiveness and efficiency of the National Airspace System through the development of airway system safety technology, improvements to air traffic control, innovative flight technology, cockpit resource management, and related human factors gains. Embry-Riddle faculty and staff researchers performs interdisciplinary research in human factors, advanced technology, and systems management for aviation/aerospace applications. The University supports these research efforts with a variety of laboratories, specialized equipment, and simulation and modeling capabilities.

### Center for Urban Transportation Research (CUTR)

*University of South Florida (USF)  
College of Engineering, 4202 E. Fowler, CUT100, Tampa, FL 33620-5375  
(813) 974-3120, FAX (813) 974-5168, SunCom 574-3120  
Dr. Edward Mierzejewski, Director*

CUTR was established in 1988 by the Florida Legislature and the Florida Board of Regents to provide high quality, objective, and implementable solutions to Florida's transportation problems. Located at the Tampa campus of the University of South Florida, CUTR employs a staff of more than 90, including 45 full-time researchers. CUTR's experts in the fields of engineering, economics, planning, public policy, and the environment apply their "real world" skills to a variety of transportation areas including public transportation, bus rapid transit, intelligent highway systems, transit planning and operations, transportation demand management, corridor planning, transportation economics, safety, public policy analysis and evaluation, alternative fuels, and traffic operations. The Center was designated by the US Congress as the National Urban Transit Institute in 1991, which was reaffirmed in 1998. Since its inception, CUTR has conducted >\$75 million in sponsored research projects for a variety of sponsors throughout the state and nation.

### Center for Advanced Transportation Systems Simulation (CATSS)

*University of Central Florida (UCF)  
4000 Central Florida Boulevard, PO Box 162450  
Orlando, FL 32816-2450  
(407) 823-4552, FAX (407) 823-3315  
Dr. Essam Radwan, Director*

The theme of the Center for Advanced Transportation Systems Simulation (CATSS) is to apply computer simulation, driving simulators, virtual reality, wireless communication, and other advanced technologies to enhance the planning, design, operation, management, and safety of transportation systems. The focus and expertise of CATSS complements and supports two key national transportation issues namely Intelligent Transportation Systems and Human-Centered Systems. UCF was listed in TEA-21 as one of the new transportation centers under the University Transportation Centers program of the federal Research and Special Program Administration.



### **Lehman Center for Transportation Research (LCTR)**

*Florida International University  
Civil and Engineering Dept., University Park Campus  
10555 W. Flagler Street, EAS 3785  
Miami, FL 33199  
(305) 348-3055, FAX (305) 348-2802  
Dr. David Shen, P.E., Ph.D., Director*

LCTR was established in 1993 and named in honor of Florida Congressman Bill Lehman. Located at Florida International University in Miami, LCTR has 15 full-time researchers and over twenty graduate and undergraduate students conducting its research. LCTR's staff of experts in the fields of engineering, planning, transportation, and the environment apply their skills in research programs focusing on a variety of transportation issues including transportation planning and modeling, traffic operations, GIS applications, highway planning and design, airport planning and design, and intermodal station design, among others.

### **Transportation Research Center (TRC)**

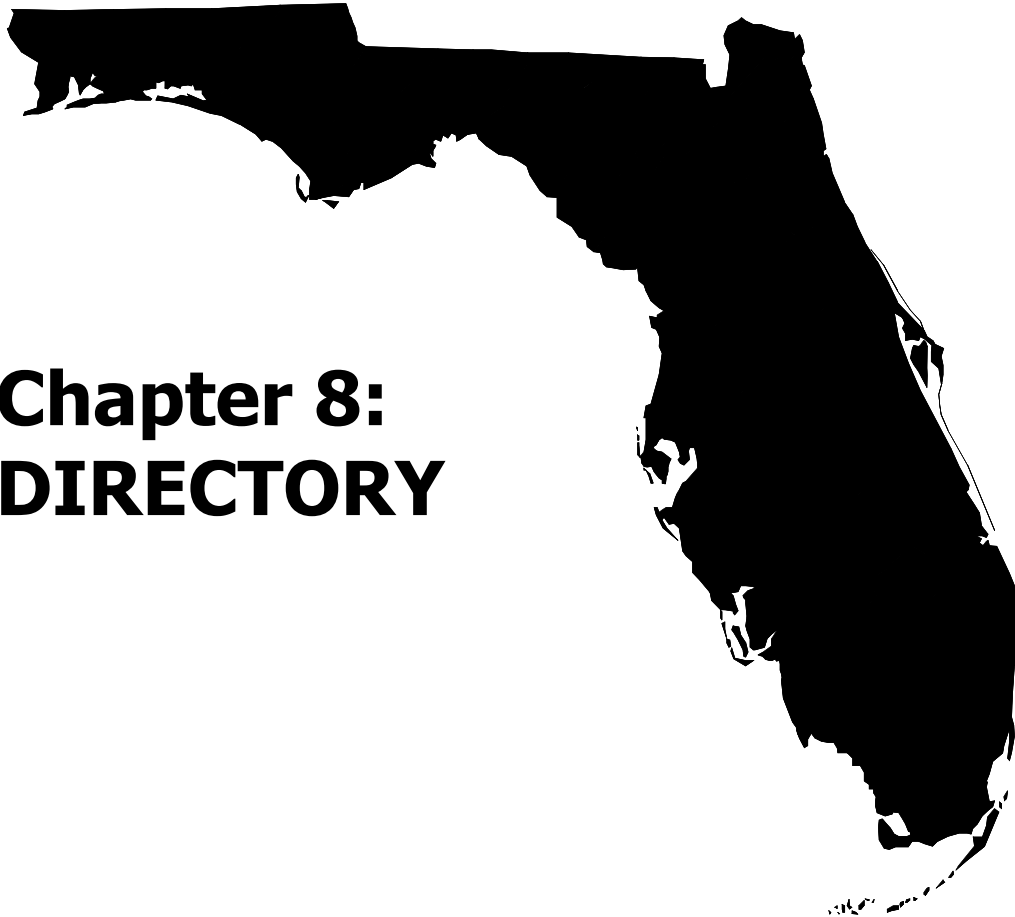
*University of Florida  
Department of Civil Engineering  
512 Weil Hall, PO Box 116588  
Gainesville, FL 32611-6585  
(352) 392-7575, FAX (352) 846-1699  
Kenneth G. Courage, Director*

The Transportation Research Center (TRC), in the Department of Civil & Coastal Engineering, has been central to research and development in transportation engineering and planning in the state and nation since 1972. The TRC's mission is to conduct research relevant to our society's transportation needs, to translate the results of that research so that it may be applied in a realistic and workable fashion, to provide the tools to apply the knowledge and processes, and to educate qualified engineers and transportation professionals at all relevant stations to meet today's demands and tomorrow's challenges. The TRC is a member of the Southeast Transportation Center, a regional consortium of universities that all have strong programs in highway safety. Examples of TRC research related to highway safety include the development and application of technology for conducting studies of red light running, and various projects involving field data collection and analysis at highway-railroad grade crossings. The TRC is also a leader in advanced technology applications in the field of intelligent transportation systems (ITS). Some current projects include a feasibility study for a statewide central data warehouse to provide a comprehensive source for a variety of real time and archived data, a proof of concept study for the deployment of an unmanned aerial vehicle (UAV) for traffic surveillance and an investigation of hardware in the loop simulation, a new technology with the potential to improve both the safety and operational aspects of traffic control systems. A third research focus involves advancements in the methodology of highway system performance analysis. The TRC activities in this area range from the conduct of empirical field studies of quality and level of service on various types of facilities to the development of widely distributed state-of-the-art software for modeling traffic system performance. Many of these efforts have contributed to the highway capacity and quality of service research agenda of the Transportation Research Board. As an extension of its transportation research activities, the Department of Civil and Coastal Engineering also operates the Florida Transportation Technology Transfer (T2) Center, the Center for Microcomputers in Transportation (McTrans) and the Construction Training Qualification Program (CTQP).





## **Chapter 8: DIRECTORY**







**State of Florida Departments**  
**Governor John Ellis "Jeb" Bush**  
**Lt. Governor Toni Jennings**

Executive Office of the Governor  
The Capitol, Tallahassee, FL 32399  
(850) 488-4441 (Governor), (850) 488-4711 (Lt. Governor)

**Agriculture and Consumer Services**

*Commissioner Charles H. Bronson*  
PL-10 The Capitol  
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(850) 488-3022

**Banking and Finance**

*Chief Financial Officer Thomas Gallagher*  
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Tallahassee, FL 32399-0350  
(850) 410-9286

**Business and Professional Regulations**

*Secretary Diane Carr*  
1940 N Monroe Street  
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**Children and Family**

*Executive Director Jerry Regier*  
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Building 1, Room 202  
Tallahassee, FL 32399-0700  
(850) 487-1111

**Citrus**

*Executive Director Bob Crawford*  
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Lakeland, FL 33802-0148  
(863) 499-2500

**Health**

*Secretary John O. Agwunobi, M.D., M.B.A.*  
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**Community Affairs**

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(850) 413-7313

**Corrections**

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Tallahassee, FL 32399-0400  
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**State**

*Secretary of State Glenda E. Hood*  
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Tallahassee, FL 32399-0250  
(850) 245-6500



**Law Enforcement**

*Commissioner Guy Tunnell*  
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Tallahassee, FL 32302-1489  
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**Legal Affairs/Attorney General**

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(850) 488-5607

**Trade and Economic Development**

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Orlando, FL 32801  
(407) 316-4600

**Transportation**

*Secretary José Abreu*  
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Tallahassee, FL 32399-0450  
(850) 414-5205

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Sen. Ron Klein (Vice Chair)  
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Sen. Larcenia J. Bullard  
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Sen. Steven A. Geller  
Sen. Evelyn J. Lynn  
Sen. Daniel Webster  
Sen. Stephen R. Wise

**Staff Director: Reynold David Meyer**  
**Administrative Assistant: Susan Stripling**

**Florida House of Representatives Transportation Committee**

Room 405, House Office Building, Tallahassee, FL 32399-1300  
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**Committee on Appropriations, Subcommittee on Transportation/Treasury**

144 Dirksen Senate Office Building, Washington D.C., 20510  
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**U.S. House of Representatives**

**Committee on Appropriations, Subcommittee on Transportation, Treasury, and Independent Agencies**

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Rep. Michael H. Michaud, ME  
Rep. Lincoln Davis, TN



**Florida Department of Transportation**

***José Abreu, Secretary***

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**Finance & Administration**

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**Comptroller**

Robin Naitove, MS-42  
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**Toll Operations**

Sal Secondo, MS-45  
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**Management & Budget**

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**Administration**

Ruth Dillard, MS-57  
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**Information Systems**

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**Transportation Policy**

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**Research Center**

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**State Transportation Planner**

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**State Public Transportation Administrator**

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**State Highway Engineer**

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**Right of Way**

Ken Towcimak, MS-22  
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**State Construction Engineer**

Ananth Prasad, MS-31  
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**State Maintenance Engineer**

Sharon Holmes, MS-52  
(850) 410-5757

**State Safety Engineer**

Ed Rice, MS-53  
(805) 245-1500

**Motor Carrier Compliance Office**

Col. Graham Fountain, MS-99  
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**Engineering/CADD System Design Office**

Elwin Broome, MS-69  
(850) 245-1600

**District Operations**

Ken Morefield, MS-57  
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**District One**

Ricky Langley, District Secretary  
801 N Broadway Avenue, MS 1-1  
Bartow, FL 33830-3809  
(863) 519-2201, (800) 292-3368, SunCom 557-2300

**District Two**

Aage Schroder III, District Secretary  
1109 South Marion Avenue  
Lake City, FL 32025-5874  
(386) 758-3700, (800) 749-2967, SunCom 881-3734

**District Three**

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Chipley, FL 32428  
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**District Four**

Rick Chesser, District Secretary  
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Ft. Lauderdale, FL 33309  
(954) 486-1400, SunCom 436-4111



**District Five**

Michael Snyder, District Secretary  
719 S Woodland Boulevard  
DeLand, FL 32720-6834  
(386) 943-5000, SunCom 373-5000

**District Six**

John Martinez, District Secretary  
1000 NW 111<sup>TH</sup> Avenue,  
Miami, FL 33172  
(305) 470-5197, SunCom 429-5197

**District Seven**

Ken Hartmann, District Secretary  
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**Florida's Turnpike**

Jim Ely, District Secretary  
Enterprise Headquarters  
P.O. Box 613069  
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(407) 532-3999

**Florida Transportation Commission**

**Laura Kelley, Executive Director**

**Sally Patrenos, Assistant Executive Director**

605 Suwannee Street, MS-9, Tallahassee, FL 32399-0450  
(850) 414-4105, SunCom 994-4105, SunCom FAX 278-1317  
*www.ftc.state.fl.us*

**Earl Durden, Chairperson**

Rail Management Corp.  
2605 Thomas Drive  
Panama City, FL 32408  
(850) 230-8331  
Term Ends 9/30/06

**Gasper Lazzara**

5000 Sawgrass Village Circle #30  
Ponte Vedra, FL 32082  
(904) 273-0004  
Term Ends 9/30/05

**David Brown**

Broad and Cassel  
390 North Orange Avenue, Suite 1100  
Orlando, FL 32801  
(407) 839-4229  
Term Ends 9/30/06

**Norman Mansour**

825 North Shore Drive  
P.O. Box 2166  
Anna Maria, FL 34216  
(941) 779-1190  
Term Ends 9/30/03

**James W. Holton, P.A., Vice-Chairperson**

14501 Gulf Boulevard  
St. Petersburg, FL 33708  
(727) 399-0040  
Term Ends 9/30/03

**R. M. "Bob" Namoff**

Allied Universal Corp.  
3901 NW 115 Avenue  
Miami, FL 33178  
(305) 888-2623  
Term Ends 9/30/03

**Sidney Calloway**

Shutts & Bowen  
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Ft. Lauderdale, FL 33301  
(954) 524-5505  
Term Ends 9/30/05

**Janet Watermeier, Secretary**

The Florida Gulf Coast Group  
11920 Fairway Lakes Drive, Suite 3  
Ft. Myers, FL 33913  
(239) 561-1718  
Term Ends 9/30/03

**Florida Commission for the Transportation Disadvantaged****Peter Gianino, Chairperson**

Representing Non-Transportation Business Community  
217 E Ocean Boulevard  
Stuart, FL 34994  
(727) 286-0200

**Ken Fischer, Vice-Chairperson**

Florida Public Transportation Association  
c/o VOTRAN  
950 Big Tree Road  
South Daytona, FL 32119  
(386) 756-7496 ext. 126

**Cheryl M. Stone**

Citizens Advocate (Urban)  
4518 Oak Forest Court  
Orlando, FL 32804-1234  
(407) 293-7076

**Doreen Kirk**

Representing Disabled Persons  
903 Little Bend Road  
Altamonte Springs, FL 32714  
(407) 774-1646

**Marybeth Nayfield**

Children-at-Risk  
Citrus County Health Department  
3700 West Sovereign Path  
Lecanto, FL 34461  
(352) 527-0068 ext. 268

**Ed Coven, Official Designee**

Department of Transportation  
605 Suwannee Street, MS-26  
Tallahassee, FL 32399-0450  
(850) 414-4500

**Diana Lincoln, Official Designee**

Department of Children and Families  
1317 Winewood Boulevard, Building 3, Room 304 C  
Tallahassee, FL 32399-0700  
(850) 488-4877 ext 147

**Dr. JR Harding, Official Designee**

Department of Education  
2002 Old St. Augustine Road, Building A  
Tallahassee, FL 32399  
(850) 410-1919 ext. 123

**Ms. Linda Adams**

Representing Transportation Operators  
1700 North Florida Mango Road  
West Palm Beach, FL 33409  
(561) 689-4222

**Mr. Bhailal Vyas**

Representing Non-Transportation Business Community  
6340 Raleigh Street, Apt #1001  
Orlando, FL 32835  
(407) 291-7452

**Michael Georgini**

Association for Community Action  
P.O. Box 896  
Brooksville, FL 34605  
(352) 796-1425

**Floyd Webb**

Representing Transportation Operators  
Yellow Cab of Tallahassee  
P.O. Box 20133  
Tallahassee, FL 32316  
(850) 575-1022

**Gary Bryant**

Representing Community Transportation Coordinators  
Good Wheels, Inc.  
10075 Bavaria Rd. SE  
Ft. Myers, FL 33913  
(239) 768-2900

**Albert Linden, Official Designee**

Department of Veterans Affairs  
P.O. Box 999  
Micanopy, FL 32667  
(352) 466-4084

**John Austin**

Agency for Health Care Administration  
P.O. Box 12600  
Tallahassee, FL 32317-2600  
(850) 922-7305

**Joyce Williams, Official Designee**

Department of Elder Affairs  
4040 Esplande Way, Building B, Suite 235  
Tallahassee, FL 32399  
(850) 414-2061

**Robert A. "Rob" Searcy**

Representing Transportation Operators  
324 West Gore Street  
Orlando, FL 32806  
(407) 422-4561

**Richard Gunnels**

Representing Transportation Operators  
The Capitol, LL 28  
Tallahassee, FL 32399-0810  
(850) 410-6731

**Robert Siedlecki**

Representing Non-Transportation Business Community  
5890 Rodman Street  
Hollywood, FL 33023  
(954) 981-9204

**Brenda Gillis**

Representing Citizens Advocate (Rural)  
3445 SE Cassell Lane  
Stuart, FL 34597  
(772) 221-0485



**Anthony L. (Tony) Tizzio**

Representing Non-Transportation Business Community  
809 Osceola Trail  
Casselberry, FL 32707  
(407) 696-4168

**Nicholas A. Cambas**

Representing Transportation Operators  
16991 U.S. 19 North  
Clearwater, FL 33764  
(727) 726-9776

**Anthony D. Nigro**

Representing Non-Transportation Business Community  
10602 Cobham Wood Court  
Tampa, FL 33626  
(813) 818-8869

**Walter Schoenig**

Representing Elderly  
2428 Fairbanks Drive  
Clearwater, FL 33674-2812  
(727) 536-3477

**Rita Kane**

Representing Transportation Operators  
1455 West Landstreet Road  
Orlando, FL 32824  
(407) 859-2007

**Pam Dorwarth**

Representing Non-Transportation Business Community  
1300 N Lockwood Ridge Road  
Sarasota, FL 34237  
(941) 955-9605


**Florida's Regional Planning Agencies**

| <b>Planning Districts</b> | <b>Regional Planning Councils</b> | <b>Counties Served</b>                                           |                                                      | <b>Executive Directors</b>                                                                                                                                              |
|---------------------------|-----------------------------------|------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                         | West Florida                      | Escambia<br>Okaloosa<br>Washington<br>Bay                        | Santa Rosa<br>Walton<br>Holmes                       | Lel Czeck<br>3435 North 12 <sup>th</sup> Avenue<br>Pensacola, FL 32503<br>(850) 595-8910, SunCom 695-8910<br>FAX (850) 595-8967                                         |
| 2                         | Apalachee                         | Calhoun<br>Franklin<br>Gadsden<br>Jackson<br>Jefferson           | Leon<br>Liberty<br>Wakulla<br>Gulf                   | Charles D. Blume<br>20776 Central Avenue East, #1<br>Blountstown, FL 32424<br>(850) 674-4571, Suncom 771-4417<br>Tallahassee Office:<br>(850) 488-6211, SunCom 278-6211 |
| 3                         | North Central Florida             | Alachua<br>Bradford<br>Columbia<br>Hamilton<br>Suwannee<br>Dixie | Union<br>Gilchrist<br>Lafayette<br>Madison<br>Taylor | Charles F. Justice<br>2009 NW 67 <sup>th</sup> Place, Suite A<br>Gainesville, FL 32653-1603<br>(352) 955-2200, SunCom 625-2200<br>FAX (352) 955-2209                    |
| 4                         | Northeast Florida                 | Baker<br>Clay<br>Duval<br>Flagler                                | Nassau<br>Putnam<br>St. Johns                        | Stephen Jones<br>6850 Belfort Oaks Place<br>Jacksonville, FL 32216<br>(904) 279-0880, SunCom 874-0880<br>FAX (904) 279-0881                                             |
| 5                         | Withalocoochee                    | Citrus<br>Hernando<br>Levy                                       | Marion<br>Sumter                                     | Michael R. Moehlman<br>1241 SW 10 <sup>th</sup> Street<br>Ocala, FL 34474-2798<br>(352) 732-1315<br>FAX (352) 732-1319                                                  |
| 6                         | East Central Florida              | Brevard<br>Lake<br>Orange                                        | Volusia<br>Osceola<br>Seminole                       | Sandra Glenn<br>631 N Wymore Road, Suite 100<br>Maitland FL, 32751<br>(407) 623-1075, SunCom 334-1075<br>FAX (407) 623-1084                                             |
| 7                         | Central Florida                   | DeSoto<br>Hardee<br>Highlands                                    | Okeechobee<br>Polk                                   | R. Douglas Leonard<br>P.O. Drawer 2089<br>Bartow, FL 33831<br>(863) 534-7130, SunCom 549-7130<br>FAX (941) 534-7138                                                     |
| 8                         | Tampa Bay                         | Hillsborough<br>Manatee<br>Pasco<br>Pinellas                     |                                                      | Manny L. Pumariaga<br>9455 Koger Boulevard, Ste 219<br>St. Petersburg, FL 33702-2491<br>(727) 570-5151, SunCom 513-5066<br>FAX (727) 570-5118                           |
| 9                         | Southwest Florida                 | Charlotte<br>Collier<br>Glades                                   | Hendry<br>Lee<br>Sarasota                            | David Y. Burr<br>P.O. Box 3455<br>N Ft. Myers 33918-3455<br>(941) 656-7720, SunCom 749-7720<br>FAX (941) 656-7724                                                       |



|    |                |                                                   |                                                                                                                      |
|----|----------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 10 | Treasure Coast | Indian River<br>Martin<br>Palm Beach<br>St. Lucie | Michael J. Busha<br>301 East Ocean Boulevard, Suite 300<br>Stuart, FL 34994<br>(772) 221-4060<br>FAX (727) 221-4067  |
| 11 | South Florida  | Broward<br>Miami-Dade<br>Monroe                   | Carol A. Dekle<br>3440 Hollywood Boulevard, Suite 140<br>Hollywood, FL 33021<br>(954) 985-4416<br>FAX (954) 985-4417 |

**Florida's Metropolitan Planning Organizations (MPOs)**

**Brevard County MPO**

2725 Judge Fran Jamieson Way  
Building A, MS 81  
Viera, FL 32940  
Mr. Bob Kamm  
(321) 690-6890

**Broward County MPO**

115 S Andrews Avenue  
Room 329H  
Ft. Lauderdale, FL 33301  
Ms. Jennifer Schaufele  
(954) 357-6608

**Charlotte County-Punta Gorda MPO**

28000 Airport Road A-6  
Punta Gorda, FL 33982-2409  
Mr. Mark Gumula  
(941) 639-4676

**Collier County MPO**

2675 S Horseshoe Drive  
Horseshoe Square, Suite 401  
Naples, FL 34104  
Mr. Johnny Limbaugh  
(239) 774-8192

**Miami Urbanized Area MPO**

Stephen P. Clark Center  
111 NW 1<sup>st</sup> Street, Suite 910  
Miami, FL 33128  
Dr. Jose Luis Mesa  
(305) 375-4507

**Okaloosa-Walton Beach MPO**

West Florida Regional Planning Council  
P.O. Box 9759  
Pensacola, FL 32513-9759  
Mr. Michael Zeigler  
(850) 595-8910

**Gainesville MPO**

North Central Florida RPC  
2009 NW 67<sup>th</sup> Place, Suite A  
Gainesville, FL 32653-1603  
Mr. Marlie Sanderson  
(352) 955-2200 ext. 103

**Ocala/Marion County MPO**

P.O. Box 1270  
Ocala, FL 34478-1270  
Mr. Greg Slay  
(352) 629-8529

**Metroplan Orlando**

One Landmark Center, Suite 355  
315 E Robinson Street  
Orlando, FL 32801  
Mr. Harold Barley  
(407) 481-5672

**Palm Beach County MPO**

160 Australian Avenue, Suite 201  
West Palm Beach, FL 33406  
Mr. Randy Whitfield  
(561) 684-4170

**Panama City Urbanized Area MPO**

West Florida Regional Planning Council  
P.O. Box 9759  
Pensacola, FL 32513-9759  
Mr. Michael Zeigler  
(850) 595-8910

**Pasco County MPO**

7530 Little Road  
New Port Richey, FL 34654  
Mr. Douglas Uden  
(727) 847-8140

**Pensacola County MPO**

West Florida Regional Planning Council  
P.O. Box 9759  
Pensacola, FL 32513-9759  
Mr. Michael Zeigler  
(850) 595-8910

**Hernando County MPO**

20 N Main Street, Suite 262  
Brooksville, FL 34601  
Mr. Dennis Dix  
(352) 754-4057



**Martin County MPO**

2401 SE Monterey Road  
Stuart, FL 34996  
Mr. Jerry Bryan  
(772) 221-2300

**Indian River County MPO**

1840 25<sup>TH</sup> Street  
Vero Beach, FL 32960-3365  
Mr. Robert Keating  
(772) 567-8000 ext. 254

**First Coast MPO**

128 E Forsyth Street, Suite 304  
Jacksonville, FL 32202  
Ms. Denise Bunnewith  
(904) 630-1903

**Polk Transportation Planning Organization**

Drawer TS05  
P.O. Box 9005  
Bartow, FL 33831-9005  
Mr. Thomas Deardorff  
(863) 534-6486

**Lee County MPO**

P.O. Box 3455  
N Ft. Myers, FL 33918-3455  
Mr. Glen Ahlert  
(239) 656-7720

Pinellas County MPO  
600 Cleveland Street, Suite 750  
Clearwater, FL 33755  
Ms. Sarah Ward  
(727) 464-8200

**Hillsborough County MPO**

601 E Kennedy Boulevard, 18<sup>TH</sup> Floor  
P.O. Box 1110  
Tampa, FL 33601-5940  
Ms. Lucie Ayer  
(813) 272-5940

**Sarasota-Manatee MPO**

7632 15<sup>th</sup> Street East  
Sarasota, FL 34243-3248  
Mr. Michael Guy  
(941) 359-5772

**St. Lucie MPO**

Community Development Department  
Planning Division  
2300 Virginia Avenue, Room 203  
Ft. Pierce, FL 34982-5652  
Ms. Cheri B. Fitzgerald  
(772) 462-1593

**Tallahassee-Leon County MPO**

City Hall  
300 South Adams Street  
Tallahassee, FL 32301  
Mr. Bruce Barrett  
(850) 891-8600

**Volusia County MPO**

1190 Pelican Bay Drive  
Daytona Beach, FL 32119-1381  
Mr. Karl Walzenbach  
(386) 322-5160



**Florida Transportation Management Associations/Organizations  
and Commuter Assistance Programs**

**Bay Area Commuter Services, Inc.**

1408 N Westshore Boulevard  
Suite 704  
Tampa, FL 33607  
(813) 282-8200  
Contact: Sandi Moody  
Citrus, Hernando, Hillsborough, Pasco, Pinellas

**Commuter Services of North Florida**

Florida State University  
College of Business 321  
Tallahassee, FL 32306-1111  
(888) 454-7433  
Contact: Jeff Horton, Marketing and Communications Manager  
Leon, Wakulla, Liberty, Taylor, Franklin, Calhoun, Gadsden,  
Madison, Jefferson, Jackson

**St. Petersburg Downtown TMO**

100 1st Avenue S, Suite 477  
St. Petersburg, FL 33701-4311  
(727) 821-5166  
Contact: Eric Carlson, Transportation Director  
Downtown St. Petersburg

**Downtown Tampa TMO**

P.O. Box 2387  
One Tampa City Center, Suite 1724  
Tampa, FL 33601  
(813) 221-3686  
Contact: Phyllis Pacyna  
Downtown Tampa

**New North Transportation Alliance**

University of South Florida/CUTR  
College of Engineering  
4202 E Fowler Avenue, CUT 100  
Tampa, FL 33620-5375  
(813) 974-3120  
Contact: Heather Sobush, Project Manager  
University of South Florida Activity Area

**South Florida Commuter Services**

P.O. Box 101060  
Fort Lauderdale, FL 33310  
(800) 234-RIDE  
Contact: Maggie Cortez-Kirkpatrick  
Broward, Miami-Dade, Palm Beach

**West Palm Beach TMI**

City Hall  
200 2nd Street  
West Palm Beach, FL 33401  
(561) 659-8031  
Contact: Denis Erickson  
West Palm Beach

**University/Alafaya Corridor Transportation Association  
(UACTA)**

University of Central Florida  
P.O. Box 163351  
Orlando, FL 32816  
(407) 823-6687  
Contact: John Clark

**VOTRAN (East Volusia) Transit Authority**

950 Big Tree Road  
South Daytona, FL 32119-8815  
(386) 756-7496  
Contact: Ken Fischer  
Volusia

**Westshore Alliance (Tampa) TMO**

5444 Bay Center Drive, Suite 115  
Tampa, FL 33609  
(813)-289-5488  
Contact: Jeannie Keene, Director of Transportation  
Westshore Business District

**Airport West TMI**

10165 NW 19th Street  
Miami, FL 33172  
Contact: James Murphy  
Email: [jmurph@brwinc.com](mailto:jmurph@brwinc.com)

**Better Baymeadows, Inc.**

9080 Golfside Drive  
Jacksonville, FL 32256  
(904) 731-7537  
Contact: Valerie Evans

**Downtown Fort Lauderdale TMA**

305 S Andrews Avenue, Suite 201  
Ft. Lauderdale, FL 33301  
(954) 761-3543  
Contact: Paul Carpenter

**Sarasota Transportation Management Initiative**

1818 Main Street  
Sarasota, FL 34236  
(941) 957-1474  
Contact: John Tylee  
Email: [johnntylee@cs.com](mailto:johnntylee@cs.com)  
Downtown Sarasota



**First Coast MPO**

128 E Forsyth Street, Suite 304  
 Jacksonville, FL 32202  
 (904) 630-1903  
 Contact: Denise Bunnewith  
 Duval

**LYNX**

445 West Amelia Street, Suite 800  
 Orlando, FL 32801  
 (407) 841-2279 ext. 3204  
 Contact: Endya Wilkes  
 Orange, Seminole, Osceola

**Miami Beach TMA, Inc.**

777 41<sup>st</sup> Street, Suite 330  
 Miami Beach, FL 33140  
 (305) 535-9160  
 Contact: Judy Evans

**Space Coast Area Transit (SCAT)**

401 S Verr Avenue  
 Cocoa, FL 32922  
 (321) 952-4561  
 Contact: Judy Lewellen, Director  
 Brevard

**South Florida Education Center**

NSU- Administration Building  
 3301 Horvitz College Avenue  
 Davie, FL 33314  
 (954) 262-8847  
 Contact: Larry Penso, Director

**Sarasota TMO/Transit Services of Sarasota**

5303 Pinkney Street  
 Sarasota, FL 34233  
 (941) 861-1234  
 Contact: Dominick Locascio  
 Sarasota, Manatee

**Downtown Miami TMI**

South Florida Commuter Services  
 4620 N State Road 7, Suite 120  
 Ft. Lauderdale FL, 33319  
 1-800-234-RIDE  
 Contact: Alex Skucek  
 Downtown Miami

**Florida's Major Airports**

**Daytona Beach International Airport**

700 Catalina Drive, Suite 300  
 Daytona Beach, FL 32114  
 (386) 248-8030  
 Director: Dennis McGee

**Ft. Lauderdale-Hollywood International**

320 Terminal Drive  
 Ft. Lauderdale, FL 33315  
 (954) 359-1032  
 Director: Bill Sherry

**Gainesville Regional Airport**

3880 NE 39 Avenue, Suite A  
 Gainesville, FL 32609  
 (352) 373-0249  
 Director: Rick Crider

**Jacksonville International Airport**

14201 Pecan Park Road  
 Jacksonville, FL 32218  
 (904) 741-1601  
 Executive Director: John Clark

**Key West International Airport**

3491 S Roosevelt Boulevard  
 Key West, FL 33040  
 (305) 296-7223  
 Director: Peter Horton

**Naples Municipal Airport**

160 Aviation Drive North  
 Naples, FL 34104  
 (239) 643-0733  
 Director: Ted Soliday

**Okaloosa County Air Terminal**

1701 State Road 85  
 Eglin Air Force Base, FL 32542  
 (850) 651-7160  
 Director: Jerry Sealy

**Orlando International Airport**

One Airport Boulevard  
 Orlando, FL 32827-4399  
 (407) 825-2051  
 Director: Bill Jennings

**Palm Beach International Airport**

PBIA, Building 846, 8<sup>th</sup> Street  
 West Palm Beach, FL 33406  
 (561) 471-7412  
 Director: Bruce Pelly

**Panama City-Bay County International Airport**

3173 Airport Road, Box A  
 Panama City, FL 32405  
 (850) 763-6751  
 Director: Randy Curtis



**Marathon Airport**

9400 Overseas Highway, Suite 200  
Marathon, FL 33050  
(305) 289-6060  
Director: Theresa Cook

**Melbourne International Airport**

One Air Terminal Pkwy., Suite 220  
Melbourne, FL 32901  
(321) 723-6227  
Director: Jim Johnson

**Miami International Airport**

P.O. Box 592075 AMF Branch  
Miami, FL 33132  
(305) 876-7077  
Director: Angela Gittens

**St. Petersburg International Airport**

14700 Terminal Boulevard, Suite 221  
Clearwater, FL 33762  
(727) 453-7800  
Director: David Metz

**Tallahassee Regional Airport**

3300 Capital Circle, SW, Suite 1  
Tallahassee, FL 32310  
(850) 891-7802  
Director: Kenneth Austin

**Pensacola Regional Airport**

2430 Airport Boulevard, Suite 225  
Pensacola, FL 32504  
(850) 436-5000  
Director: Frank Miller

**Sarasota-Bradenton International Airport**

6000 Airport Circle  
Sarasota, FL 34243-2105  
(941) 359-5200  
Director: Frederick Piccolo

**Southwest Florida International Airport**

16000 Chamberlin Pkwy., Suite 221  
Ft. Myers, FL 33913  
(239) 768-4301  
Director: Robert M. Ball

**Tampa International Airport**

P.O. Box 22287  
Tampa, FL 33622  
(813) 870-8700  
Director: Louis Miller

**Vero Beach Municipal Airport**

P.O. Box 1389  
Vero Beach, FL 32961-1389  
(772) 978-4930  
Director: Eric Menger

**Florida's Privately-Owned Airports**

**Airport Manatee**

P.O. Box 554  
N Palmetto, FL 34221  
(941) 722-9296

**Ames Field**

17551 NW 60<sup>TH</sup> Avenue  
Trenton, FL 32693  
(352) 463-1054

**Bob Lee Flight Strip**

5000 Bob Lee Airport Road  
DeLand, FL 32724  
(386) 734-5291

**Bob White Field**

P.O. Box 494  
Zellwood, FL 32798-0494  
(407) 884-4809

**Chalet Suzanne**

3800 Chalet Suzanne Drive  
Lake Wales, FL 33859  
(863) 676-6011

**Coastal Airport**

6001 W Nine Mile Road  
Pensacola, FL 32526  
(850) 455-2017

**North Palm Beach County General Aviation Airport**

c/o PBIA, Building 846 8<sup>th</sup> Street  
West Palm Beach, FL 33406  
(561) 471-7412

**Okeechobee Aircraft**

2800 NW 20<sup>TH</sup> Trail  
Okeechobee, FL 34972  
(863) 467-5505

**Orlando Country Airport**

P.O. Box 475  
4040 West Hwy. 441  
Plymouth, FL 32768-7842  
(407) 886-7663

**Pilot Country Airport**

11500 Pilot Country Drive  
Spring Hill, FL 34610  
(813) 966-7887

**River Ranch Resort Airpark**

P.O. Box 30030  
River Ranch, FL 33867-0030  
(863) 692-0727

**Rudy's Airport**

7305 NW 294 Terrace  
High Springs, FL 32643  
(352) 468-2824



**The Destin Airport**

State Road 85  
Eglin AFR, FL 32542  
(850) 651-7160

**Jack Brown's Seaplane Base**

2704 US Hwy 92  
Winter Haven, FL 33880  
(863) 956-2243

**Mid-Florida Airport**

19708 Eustis Airport Road  
Eustis, FL 32736  
(352) 589-0767

**New Hibiscus Airpark**

P.O. Box 690772  
Vero Beach, FL 32969  
(772) 562-2715

**Tampa North Aero Park**

4241 Bird Song Boulevard  
Lutz, FL 33559  
(813) 973-3707

**Watson Island Heliport and LTA Base**

444 SW 2<sup>nd</sup> Avenue, 3<sup>rd</sup> Floor  
Miami, FL 33130  
(305) 416-1435

**Shell Creek Airpark**

36880 Washington Loop Road  
Punta Gorda, FL 33982  
(941) 628-3564

**South Lakeland Airpark**

4880 Southwind Drive  
Mulberry, FL 33860-8314  
(863) 701-0000

**St. George Island Airport**

1712 Magnolia Road  
St. George Island, FL 32328  
(850) 927-2312

**Tallahassee Commercial Airport**

6601 N Monroe Street  
Tallahassee, FL 32303  
(850) 562-1945

**Tampa Bay Executive Airport**

11422 State Road 54  
Odessa, FL 33556  
(727) 376-0052

**Watson Island International Seaplane Base**

444 SW 2<sup>nd</sup> Avenue, 3<sup>rd</sup> Floor  
Miami, FL 33130  
(305) 416-1435



**Florida's Community Airports**

**Airglades Airport**

P.O. Box 787  
Clewiston, FL 33440  
(863) 983-6151

**Albert Whitted Airport**

107 8<sup>th</sup> Avenue SE  
St. Petersburg, FL 33701  
(727) 893-7049

**Apalachicola Airport**

8<sup>th</sup> Airport Road  
Apalachicola, FL 33220  
(850) 653-2222 or (850) 653-8132

**Arcadia Municipal Airport**

P.O. Box 351  
Arcadia, FL 33821  
(863) 494-4114

**Arthur Dunn Airpark**

355 Golden Knights Boulevard  
Titusville, FL 32780  
(321) 267-8780

**Avon Park Municipal Airport**

110 E Main Street  
Avon Park, FL 33825  
(863) 452-4403

**Bartow Municipal Airport**

Bartow Airport Authority  
P.O. Box 650  
Bartow, FL 33830  
(863) 533-1195

**Belle Glade Municipal Airport**

Belle Glade State Airport  
Municipal Complex  
Belle Glade, FL 33430  
(561) 996-0100

**Bob Sikes Airport**

State Road 85  
Eglin AFB, FL 32542  
(850) 651-7160

**Boca Raton Airport**

3700 Airport Road, Suite 304  
Boca Raton, FL 33431  
(561) 391-2202

**Fernandina Beach Municipal Airport**

1180 South 5<sup>th</sup> Street  
Fernandina Beach, FL 32034  
(904) 277-7380

**Flagler County Airport**

201 Airport Road  
Bunnell, FL 32110  
(386) 437-0401

**Buchan Airport**

1001 Sarasota Center Boulevard  
Sarasota, FL 34240  
(941) 861-0825

**Orlando Sanford Airport**

1200 Red Cleveland Boulevard  
Sanford, FL 32773  
(407) 585-4004

**Charlotte County Airport**

28000 A-1 Airport Road  
Punta Gorda, FL 33982  
(941) 639-1101

**Clearwater Airpark**

P.O. Box 4748  
Clearwater, FL 33758-4748  
(727) 462-6954

**Costin Airport**

2724 Apalachee Parkway  
Tallahassee, FL 32301  
(850) 877-7189

**Craig Municipal Airport**

855-11 St. John's Bluff Road N  
Jacksonville, FL 32225  
(904) 641-7666

**Crystal River Airport**

P.O. Box 2050  
Crystal River, FL 34423  
(352) 795-6868

**Dade-Collier Training/Transition Airport**

c/o Tamiami Airport  
12800 SW 145 Avenue  
Miami, FL 33186  
(305) 869-1702

**Daytona Beach International Airport**

700 Catalina Drive, Suite 300  
Daytona Beach, FL 32114  
(386) 248-8030

**Dunnellon/Marion County Airport**

601 SE 25<sup>th</sup> Avenue  
Ocala, FL 34471  
(352) 620-3304

**Everglades Airpark**

2003 Mainsail Drive  
Naples, FL 34114  
(239) 642-7878

**Inverness Airport**

P.O. Box 2050  
Crystal River, FL 34423  
(352) 795-6868



**Calhoun County Airport**

P.O. Box 38  
Altha, FL 32421  
(850) 762-3713

**Ft. Lauderdale Executive Airport**

6000 NW 21<sup>st</sup> Avenue  
Ft. Lauderdale, FL 33309  
(954) 828-4969

**Ft. Lauderdale/Hollywood International**

320 Terminal Drive  
Ft. Lauderdale, FL 33315  
(954) 359-1032

**Gainesville Regional Airport**

3880 NE 39<sup>th</sup> Avenue, Suite A  
Gainesville, FL 32609  
(352) 373-0249

**Gilbert Field Municipal Airport**

3000 21<sup>st</sup> Street NW  
Winter Haven, FL 33881  
(863) 293-2501

**Herlong Airport**

9300 Normandy Boulevard  
Jacksonville, FL 32221  
(904) 783-2805

**Hernando County Airport**

16110 Aviation Loop Drive  
Brooksville, FL 34609  
(352) 754-4061

**Hilliard Airpark**

37661 Kings Ferry Road  
Hilliard, FL 32046  
(904) 845-3929

**Homestead General Aviation Airport**

28700 SW 217 Avenue  
Homestead, FL 33030  
(305) 247-4883

**Immokalee Regional Airport**

2003 Mainsail Drive  
Naples, FL 34114  
(239) 642-7878

**Merritt Island Airport**

355 Golden Knights Boulevard  
Titusville, FL 32780  
(321) 267-8780

**New Smyrna Beach Municipal Airport**

210 Sams Avenue  
New Smyrna Beach, FL 32168  
(386) 424-2199

**North Perry Airport**

7750 Pines Boulevard, Box 13  
Pembroke Pines, FL 33024  
(954) 964-0220

**Kay Larkin Airport**

201 N 2<sup>nd</sup> Street  
Palatka, FL 32177  
(386) 329-0100

**Kendall-Tamiami Executive Airport**

12800 SW 145 Avenue  
Miami, FL 33186  
(305) 869-1702

**Kissimmee Municipal Airport**

301 North Dyer Boulevard, Suite 101  
Kissimmee, FL 34741-4613  
(407) 847-4600

**LaBelle Municipal Airport**

P.O. Box 1607  
LaBelle, FL 33935-1607  
(863) 675-1568

**Lake City Municipal Airport**

P.O. Box 1687  
Lake City, FL 32056  
(386) 752-2031

**Lakeland-Linder Regional Airport**

3400 Airfield Drive West  
Lakeland, FL 33811-1240  
(863) 648-3298

**Leesburg Regional Airport**

P.O. Box 490630  
Leesburg, FL 34749-0630  
(352) 516-7236

**Madison County Airport**

P.O. Box 237  
Madison, FL 32341  
(850) 973-2156

**Marco Island Executive Airport**

2003 Mainsail Drive  
Naples, FL 34114  
(239) 642-7878

**Marianna Municipal Airport**

P.O. Box 936  
Marianna, FL 32447  
(850) 482-2281

**Palm Beach County Park Airport**

c/o PBIA, Building 846, 8<sup>th</sup> Street  
West Palm Beach, FL 33406  
(561) 471-7412

**Perry-Foley Airport**

401 Industrial Park Drive  
Perry, FL 32348  
(850) 838-3519

**Peter O'Knight Airport**

P.O. Box 22287  
Tampa, FL 33622  
(813) 870-8775



**Ocala Regional Airport**

3400 SW 60<sup>th</sup> Avenue  
Ocala, FL 34474  
(352) 629-8248

**Opa Locka Airport**

14201 NW LeJeune Road  
Opa-Locka, FL 33054  
(305) 869-1660

**Opa Locka West Airport**

14201 LeJeune Road  
Opa-Locka, FL 33054  
(305) 869-1660

**Orlando Executive Airport**

501-G Herndon Avenue  
Orlando, FL 32803  
(407) 894-9831

**Ormond Beach Municipal Airport**

P.O. Box 277  
Ormond Beach, FL 32175  
(386) 676-3224

**Page Field**

501 Danley Drive  
Ft. Myers, FL 33907  
(239) 936-1443

**Palm Beach County Glades Airport**

c/o PBIA, Building 846, 8<sup>th</sup> Street  
West Palm Beach, FL 33406  
(561) 471-7412

**St. Lucie County International Airport**

2300 Virginia Avenue  
Ft. Pierce, FL 34982-5652  
(772) 462-1732

**Suwannee County Airport**

224 Pine Avenue  
Live Oak, FL 32064  
(386) 364-3400

**Tallahassee Regional Airport**

3300 Capital Circle SW, Suite 1  
Tallahassee, FL 32310  
(850) 891-7800

**Umatilla Municipal Airport**

P.O. Box 2286  
Umatilla, FL 32784-2286  
(352) 669-3125

**Valkaria Airport**

2865 Greenbrooke Street  
Valkaria, FL 32950  
(321) 952-4580

**Pierson Municipal Airport**

106 North Center Street  
Pierson, FL 32180  
(386) 749-2661

**Peter Prince Field**

Santa Rosa County Engineering  
6051 Old Bagdad Highway  
Milton, FL 32583  
(850) 981-7100

**Plant City Municipal Airport**

P.O. Box 22287  
Tampa, FL 33622  
(813) 870-8775

**Pompano Beach Airpark**

1001 NE 10 Street  
Pompano Beach, FL 33060  
(954) 786-4135

**Sebastian Municipal Airport**

1225 Main Street  
Sebastian, FL 32958  
(772) 581-0111

**Sebring Regional Airport**

128 Authority Lane  
Sebring, FL 33870  
(863) 655-6444

**Space Coast Regional Airport**

355 Golden Knights Boulevard  
Titusville, FL 32780  
(321) 267-8780

**St. Augustine Airport**

4796 US 1 North  
St. Augustine, FL 32095  
(904) 825-6860

**Vandenberg Airport**

P.O. Box 22287  
Tampa, FL 33622  
(813) 870-8775

**Venice Municipal Airport**

150 E Airport Avenue  
Venice, FL 34285  
(941) 486-2711

**Williston Municipal Airport**

P.O. Drawer 160  
Williston, FL 32696  
(352) 528-3060

**Witham Field**

1871 SE Airport Road  
Stuart, FL 34996  
(772) 221-2374

**Zephyrhills Municipal Airport**

39450 S Avenue  
Zephyrhills, FL 33542  
(813) 780-0030



### Florida's Port Authorities

**Canaveral Port Authority**

P.O. Box 267  
Cape Canaveral, FL 32920  
200 George King Boulevard  
Cape Canaveral, FL 32920  
(321) 783-7831, FAX (321) 784-6223  
Director: Malcolm "Mac" McIlouth

**Jacksonville Port Authority**

P.O. Box 3005  
Jacksonville, FL 32206  
2831 Talleyrand Avenue  
Jacksonville, FL 32206  
(904) 630-3084  
FAX (904) 630-3099  
Director: Rick Ferrin

**Manatee County Port Authority**

300 Regal Cruise Way, Suite 1  
Palmetto, FL 34221  
(941) 722-6621, FAX (941) 729-1463  
Director: David McDonald

**Port of Panama City**

P.O. Box 15095  
Panama City, FL 32406  
5321 W Highway 98  
Panama City, FL 32401  
(850) 767-3220, FAX (850) 767-3235  
Director: Wayne Stubbs

**Port of Fernandina**

P.O. Drawer 1543  
501 N 3rd Street  
Fernandina Beach, FL 32035  
(904) 261-0753, FAX (904) 261-4407  
Director: Val Schwec

**Port of Ft. Pierce**

2300 Virginia Avenue  
Fort Pierce, FL 34982  
(561) 462-1450, FAX (772) 462-2131  
Director: Doug Anderson

**Port of Port St. Joe**

P.O. Box 745  
Port St. Joe, FL 32457  
521 Premier Drive  
Port St. Joe, FL 32456  
(850) 229-5240, FAX (850) 227-7430  
Director: Tommy Pitts

**Port of Miami-Dade**

1015 North America Way  
Miami, FL 33132  
(305) 371-7678, FAX (305) 347-4852  
Director: Charles A. Towsley

**Port of Palm Beach**

P.O. Box 9935  
Riviera Beach, FL 33419  
4 East Port Road, Suite 500  
Riviera Beach, FL 33404  
(561) 842-4201, FAX (561) 842-4240  
Director: Richard Wainio

**Port of Pensacola**

P.O. Box 889  
Pensacola, FL 32594  
700 S Barracks Street  
Pensacola, FL 32501  
(850) 436-5070, FAX (850) 436-5076  
Director: Charles Porter

**Port of St. Petersburg**

250 Eighth Avenue SE  
St. Petersburg, FL 33701  
(727) 893-7053, FAX (727) 893-7428  
Director: Captain Michael D. Perez

**Tampa Port Authority**

1101 Channelside Drive  
Tampa, FL 33602  
(800) 741-2297  
(813) 905-PORT  
FAX (813) 905-5109  
Director: George T. Williamson

**Port of Key West**

City of Key West Transportation Department  
P.O. Box 1078  
Key West, FL 33040  
201 William Street, Suite 201  
Key West, FL 33040  
(305) 293-6439, FAX (305) 293-6438  
Director: Raymond Archer

**Florida's Major Public Transportation Agencies****Bay County Council On Aging**

1116 Frankfurt Avenue  
Panama City, FL 32401  
(850) 769-9360  
Director: Beth Couliette

**Broward County Transit (BCT)**

3201 West Copans Road  
Pompano Beach, FL 33069  
(954) 357-8301  
Director: Robert Roth

**Central Florida Regional Transportation Authority (LYNX)**

445 West Amelia Street, Suite 800  
Orlando, FL 32801  
(407) 841-2279  
Director: Howard Tipton

**Collier Area Transit (CAT)**

2901 County Barn Road  
Naples, FL 34112  
(941) 596-7777  
Contact: Dean Allen

**Escambia County Area Transit (ECAT)**

1515 West Fairfield Drive  
Pensacola, FL 32501  
(850) 595-3228  
Director: Chris Hager

**Hillsborough Area Regional Transit Authority (HARTline)**

201 E Kennedy Boulevard, Suite 900  
Tampa, FL 33602  
(813) 223-6831  
Director: Sharon Dent

**Indian River County Council on Aging, Inc.**

694 14<sup>th</sup> Street  
P.O. Box 2102  
Vero Beach, FL 32960  
(772) 569-0760  
Contact: Arlenes Fletcher

**Jacksonville Transportation Authority (JTA)**

100 N Myrtle Avenue  
P.O. Drawer "O"  
Jacksonville, FL 32203  
(904) 630-3181  
Executive Director: Michael Blaylock

**City of Key West Department of Transportation**

PO Box 1078  
Key West, FL 33040  
(305) 292-8160  
Director: Myra Hernandez

**Okaloosa County Transit**

207 Hospital Drive  
Fort Walton Beach, FL 32548  
(850) 833-9168  
Contact: Barry Peterson

**Palm Beach County Transportation Authority (PalmTran)**

3201 Electronics Way  
West Palm Beach, FL 33407  
(561) 841-4210  
Director: Perry Maull

**Pasco County Public Transportation (PCPT)**

8620 Galen Wilson Boulevard  
Port Richey, FL 34668  
(727) 834-3200  
Contact: Michael Carroll

**Pinellas Suncoast Transit Authority (PSTA)**

14840 49<sup>th</sup> Street, N  
Clearwater, FL 33762  
(727) 530-9921  
Director: Roger Sweeney

**Polk Co. Transit Svcs. Div.**

Drawer HSO9  
P.O. Box 9005  
Bartow, FL 33831  
(863) 534-5301  
Contact: Sandra Winegar

**Regional Transit System (RTS)**

100 SE 10<sup>th</sup> Avenue  
P.O. Box 490, Station 5  
Gainesville, FL 32601  
(352) 334-2609  
Director: Jeffrey Logan

**Sarasota County Area Transit (SCAT)**

5303 Pinkney Avenue  
Sarasota, FL 34233  
(941) 861-1234  
Director: Larry Brown

**Space Coast Area Transit (SCAT)**

401 S Varr Avenue  
Cocoa, FL 32922  
(321) 635-7815  
Director: Jim Liesenfelt

**St. Lucie County Council on Aging**

1505 Orange Avenue  
Ft. Pierce, FL 34950  
(772) 465-5220 or (772) 345-8212  
Contact: Darrell Drummond



**Lakeland Area Mass Transit (LAMTD)**

1212 George Jenkins Boulevard  
Lakeland, FL 33815  
(863) 688-7433  
Director: Steven Githens

**Lee County Transit (LeeTran)**

10715 E Airport Road  
Ft. Myers, FL 33907  
(239) 277-5012  
Director: Steve Myers

**Manatee County Area Transit (MCAT)**

1108 26<sup>TH</sup> Avenue East  
Bradenton, FL 34208  
(941) 747-8621  
Director: Ralf Heseler

**Martin County Transit**

1835 SE Airport Road  
Stuart, FL 34994  
(772) 283-1814  
Contact: Jerry Bryan

**Miami-Dade Transit (MDT)**

111 NW First Street, Suite 910  
Miami, FL 33128  
(305) 375-2597  
Director: Roosevelt Bradley

**SunTran**

2100 NE 30<sup>th</sup> Avenue  
Ocala, FL 34470  
(352) 401-6999  
Contact: Steven Neal

**Tallahassee Transit (TALTRAN)**

555 Appleyard Drive  
Tallahassee, FL 32304  
(850) 891-5044  
Director: John L. Carter

**Tri-County Commuter Rail Authority (Tri-Rail)**

800 NW 33<sup>rd</sup> Street, Suite 100  
Pompano Beach FL, 33064  
(954) 942-7245  
Director: Joseph Giulietti

**Volusia County (VOTRAN)**

950 Big Tree Road  
South Daytona, FL 32119  
(386) 756-7496  
Director: Ken Fischer

**Winter Haven Area Transit (WHAT)**

1290 Golfview Avenue  
Drawer HS09, P.O. Box 9005  
Bartow, FL 33831  
(863) 534-5301  
Contact: Sandra Winegar

**Florida Commission for the Transportation Disadvantaged**

***John Stanley, Executive Director***

605 Suwannee Street, MS-49  
Tallahassee, FL 32399-0450  
(850) 410-5700

1-800-983-2435 (*in state*), 1-800-648-6048 (*TDD only*)

**Florida's Local Community Transportation Coordinators (CTCs)**

**ATC Paratransit**

Joyce O'Brien  
901 Northwest 8<sup>th</sup> Avenue, Suite B-1  
Gainesville, FL 32601  
(352) 384-9393  
*Alachua, Levy*

**Baker County Council on Aging**

Pansy Ruise  
101 E Macclenny Avenue  
Macclenny, FL 32063  
(904) 259-2223  
*Baker*

**Bay County Council on Aging**

Beth Couliette  
1116 Frankford Avenue  
Panama City, FL 32401  
(850) 784-9360  
*Bay*

**Citrus County Transit**

Dan Greenough  
3600 West Sovereign Path, Suite 178  
Lecanto, FL 34461  
(352) 527-7630  
*Citrus*

**Clay County Council on Aging, Inc.**

Sheryl Hartzog  
604 Walnut Street  
Green Cove Springs, FL 32043  
(904) 284-5978  
*Clay*

**Collier County Board of County Commissioners**

Jill Brown  
2705 S Horseshoe Drive, Suite 211  
Naples, FL 34101  
(239) 213-5817  
*Collier*



**Suwannee River Economic Council**

Matt Pearson  
P.O. Box 70  
Live Oak, FL 32060  
(386) 362-4115  
*Bradford, Dixie, Gilchrist, Lafayette*

**Space Coast Area Transit**

Jim Liesenfelt  
401 S Varr Avenue  
Cocoa, FL 32922  
(321) 635-7815  
*Brevard*

**Broward County Board of County Commissioners**

Ray Borlie or Ed Wisniewski  
3201 W Copans Road  
Pompano Beach, FL 33069  
(954) 357-8321  
*Broward*

**Calhoun County Senior Citizens Association**

Marilyn Russell  
137 Cayson Street  
Blountstown, FL 32424  
(850) 674-4163  
*Calhoun*

**Charlotte County Transit Department**

Wendy Scott  
25490 Airport Road  
Punta Gorda, FL 33950  
(941) 575-3674  
*Charlotte*

**Big Bend Transit, Inc**

Ted Waters  
P.O. Box 1721  
Tallahassee, FL 32302  
(850) 574-6266  
*Gadsden, Jefferson, Madison, Taylor*

**Good Wheels, Inc**

Gary Bryant  
10075 Bavaria Road, SE  
Ft. Myers, FL 33913  
(941) 768-2900  
*Glades, Hendry*

**ATC Paratransit**

Tim Banks  
2371 US 27 South  
Sebring, FL 38870  
(863) 382-6004  
*Hardee, Highlands, Okeechobee*

**Hillsborough County Board of County Commissioners**

Edgar Martinez  
4023 N Armendia Avenue, 3<sup>rd</sup> Floor  
Tampa, FL 33607  
(813) 276-8999  
*Hillsborough*

**Suwannee Valley Transit Authority**

Jimmy Swisher  
1907 Voyles Street  
Live Oak, FL 32060  
(904) 362-5332  
*Columbia, Hamilton, Suwannee*

**ATC Paratransit**

Alan Strand  
North River Center, Unit 8  
13240 Cleveland Avenue  
N Ft. Myers, FL 33903  
(863) 656-5530  
*Desoto*

**Jacksonville Transportation Authority**

Richard Pitt  
100 N Myrtle Avenue  
P.O. Drawer "O"  
Jacksonville, FL 32203  
(904) 630-3181  
*Duval*

**ATC Paratransit**

Les Solberg  
10 East Texar Drive  
Pensacola, FL 32503  
(850) 469-8773  
*Escambia*

**Flagler County Council on Aging**

Steven E. Jones  
P.O. Box 352080  
Palm Coast, FL 32135-2080  
(904) 437-7300  
*Flagler*

**Croom's Inc.**

John Croom  
133 Highway 98/P.O. Box 6  
Apalachicola, FL 32329-0006  
(850) 653-2270  
*Franklin*

**Gulf County Association of Retarded Citizens, Inc.**

Glenda Whiting  
303 Peters Street  
Port St. Joe, FL 32456  
(850) 229-6550  
*Gulf*

**Midflorida Community Services, Inc.**

Richard Cook  
P.O. Box 896  
Brooksville, FL 34605  
(352) 799-1510  
*Hernando*

**Tri-County Community Council, Inc.**

Annette Stewart  
302 N Oklahoma Street  
Bonifay, FL 32425  
(850) 547-3688  
*Holmes, Walton, Washington*

**Indian River County Council on Aging**

Karen Wood  
P.O. Box 2102  
Vero Beach, FL 32960  
(561) 569-0903  
*Indian River*

**Lake County Board of County Commissioners (BOCC)**

Ken Harley  
315 West Main Street  
Tavares, FL 32778-7800  
(352) 253-6115  
*Lake*

**Taltran**

Donna Peacock  
555 Appleyard Drive  
Tallahassee, FL 32304  
(850) 891-5199  
*Leon*

**Manatee County Board of County Commissioners**

Ralf Heseler  
1108 26<sup>th</sup> Avenue, East  
Bradenton, FL 34208  
(941) 747-8621  
*Manatee*

**Council on Aging of Martin County, Inc.**

Barbara Timmerman  
P.O. Box 3029  
Stuart, FL 34995  
(561) 223-7880  
*Martin*

**Guidance Clinic of the Middle Keys**

Maureen "Mo" Grynewicz  
3000 41<sup>st</sup> Ocean  
Marathon, FL 33050  
(305) 434-9000  
*Monroe*

**Okaloosa County Board of County Commissioners**

Christy Godwin  
1804 Lewis Turner Boulevard, Suite 200  
Ft. Walton Beach, FL 32547  
Phone (850) 651-7533  
*Okaloosa*

**Palm Beach Board of County Commissioners**

Palm Tran Connection  
Dennis Dee, Director of Paratransit  
3040 South Military Trail, Suite C  
Lake Worth, FL 33463  
(561) 649-9848 ext. 3030  
*Palm Beach*

**Jtrans**

Sharon Peeler  
P.O. Box 1117  
Marianna, FL 32447  
(850) 482-7433  
*Jackson*

**ATC Paratransit**

Alan Strand  
North River Center, Unit 8  
13240 Cleveland Avenue  
North Ft. Myers, FL 33903  
(941) 656-5530  
*Lee*

**Liberty County Transit**

Brenda Clay  
P.O. Box 730  
Bristol, FL 32321  
(850) 643-2524  
*Liberty*

**Marion County Senior Services, Inc**

Donna Cart/Gail Cross  
1644 NE 22<sup>nd</sup> Avenue  
Ocala, FL 34470  
(352) 629-8661  
*Marion*

**Miami-Dade Transit Agency**

Harry Rackard  
3300 NW 32<sup>nd</sup> Avenue  
Miami, FL 33142  
(305) 637-3754  
*Miami-Dade*

**Care-A-Van Consolidated Transportation Services**

John Moses  
1367 S 18<sup>th</sup> Street  
Fernandina Beach, FL 32034  
(904) 261-0701  
*Nassau*

**Lynx/A+ Link**

Lisa Darnell  
445 West Amelia Street, Suite 800  
Orlando, FL 32801  
(407) 841-2279  
*Orange, Osceola, Seminole*

**Pasco County Public Transportation**

Thelma Williams  
8620 Galen Wilson Boulevard  
Port Richey, FL 34668  
(727) 834-3200  
*Pasco*



**Pinellas County MPO**

David McDonald  
14 S Fort Harrison Avenue  
Clearwater, FL 33756  
(727) 464-4751  
*Pinellas*

**ARC Transit, Inc.**

Boyd Thompson  
1209 Westover Drive  
Palatka, FL 32177  
(386) 325-9999  
*Putnam*

**St. Johns County Council on Aging, Inc.**

Catherine Brown/Brian Nourse  
179 Marine Street  
St. Augustine, FL 32084  
Transportation: (904) 823-4800  
Administration: (904) 823-4810  
*St. Johns*

**ATC Paratransit**

Les Solberg  
10 East Texar Drive  
Pensacola, FL 32503  
(850) 469-8773  
*Santa Rosa*

**Sumter County Board of County Commissioners**

James Sparks  
229 E Anderson Avenue  
Bushnell, FL 33513  
(352) 568-6683  
*Sumter*

**VOTRAN**

Lois Bollenback  
950 Big Tree Road  
South Daytona, FL 32119  
Administration: (386) 756-7496  
*Volusia*

**Polk County Transit Services**

Diane Slaybaugh, Planner II  
P.O. Box 9005, Drawer HS09  
Bartow, FL 33831-9005  
(863) 534-5365  
*Polk*

**St. Lucie County Board of County Commissioners**

Beth Ryder  
435 North 7<sup>th</sup> Street  
Ft. Pierce, FL 34950  
(561) 462-1777  
*St. Lucie*

**Sarasota County Transportation Authority**

Rick Kolar  
5303 Pinkney Avenue  
Sarasota, FL 34233  
(941) 926-0135 ext. 202 or 301  
*Sarasota*

**A & A Transport, Inc.**

Curtis Allen  
55 N Lake Avenue  
Lake Butler, FL 32054  
(386) 496-2008  
*Union*

**Wakulla County Senior Citizens' Council**

Nell Rozar  
P.O. Box 537  
Crawfordville, FL 32327  
(850) 926-5921  
*Wakulla*



**Miscellaneous Transportation-Related Agencies and Organizations**

**Asphalt Contractors Association of Florida**

1007 E DeSoto Park Drive, #201  
Tallahassee, FL 32301  
(850) 222-7300  
Jim Warren, Executive Director

**Florida Association of Counties, Inc.**

100 S Monroe Street, P.O. Box 549  
Tallahassee, FL 32302  
(850) 922-4300  
C. Guy Maxcy, President

**Florida Transportation Builders Association**

1007 East De Soto Park Drive  
Tallahassee, FL 32301  
(850) 942-1404  
Robert Burleson, President

**Florida Trucking Association, Inc.**

350 East College Avenue  
Tallahassee, FL 32301  
(850) 222-9900  
Charles Brantley, President

**Federal Highway Administration**

Florida Division Office  
227 N Bronough Street, Room 2015  
Tallahassee, FL 32301  
(850) 942-9650 ext. 3001  
James E St. John, Division Administrator

**Floridians for Better Transportation**

136 S Bronough Street  
Tallahassee, FL 32301  
(850) 521-1256  
Douglas J. Callaway, President

**Institute of Transportation Engineers (District 10)**

300 Primera Boulevard, Suite 200  
Lake Mary, FL 32746  
(407) 805-0355  
David W. Gwynn, Jr., P.E., President

**Orlando-Orange County Expressway Authority**

525 S Magnolia Avenue  
Orlando, FL 32801  
(407) 823-7277  
Allan E. Keen, Chairman

**Precast Concrete Structures Association, Inc.**

6710 Winkler Road, Suite 8  
Ft. Myers, FL 33919  
(239) 454-6549  
Ed Arabian, President

**Underground Utility Contractors of Florida**

231 West Bay Avenue  
Longwood, FL 32750-4125  
(407) 830-1880  
R. Bruce Kershner, Executive Vice President





## **Chapter 9: MISCELLANEOUS**







## Transportation Acronyms

|               |                                                                    |               |                                                   |
|---------------|--------------------------------------------------------------------|---------------|---------------------------------------------------|
| <b>AAA</b>    | American Automobile Association                                    | <b>DAR</b>    | Dial-A-Ride                                       |
| <b>AADT</b>   | Average Annual Daily Traffic                                       | <b>DGPS</b>   | Differential Global Positioning System            |
| <b>AALPS</b>  | Automated Air Load Planning System                                 | <b>DOD</b>    | Department of Defense                             |
| <b>AAMVA</b>  | American Association of Motor Vehicle Administrators               | <b>DOE</b>    | Department of Energy                              |
| <b>AAPA</b>   | American Association of Port Authorities                           | <b>DOL</b>    | Department of Labor                               |
| <b>AAR</b>    | Association of American Railroads                                  | <b>DOT</b>    | Department of Transportation                      |
| <b>AASHTO</b> | American Association of State Highway and Transportation Officials | <b>DPM</b>    | Downtown People Mover                             |
| <b>AAWDT</b>  | Annual Average Weekday Traffic                                     | <b>DUI</b>    | Driving under the Influence                       |
| <b>ABA</b>    | American Bus Association                                           | <b>DVMT</b>   | Daily Vehicle-Miles of Travel                     |
| <b>ABS</b>    | American Bureau of Shipping                                        | <b>DWI</b>    | Driving while Intoxicated                         |
| <b>ACTS</b>   | American Coalition for Traffic Safety                              | <b>EAP</b>    | Employee Assistance Program                       |
| <b>ADA</b>    | Americans with Disability Act                                      | <b>EDI</b>    | Electronic data interchange                       |
| <b>ADT</b>    | Average Daily Traffic                                              | <b>EIS</b>    | Environmental impact assessment                   |
| <b>AFC</b>    | Automatic Fare Collection                                          | <b>EPA</b>    | Environmental Protection Agency                   |
| <b>AFV</b>    | Alternative-Fuel Vehicles                                          | <b>EMU</b>    | Electric Multiple-Unit Car                        |
| <b>AFZ</b>    | Auto-Free Zone                                                     | <b>ETA</b>    | Estimated Time of Arrival                         |
| <b>AGT</b>    | Automated Guideway Transit                                         | <b>ETC</b>    | Electronic Toll Collection                        |
| <b>AHS</b>    | Automated Highway Systems                                          | <b>ETMS</b>   | Enhanced Traffic Management System                |
| <b>AMA</b>    | American Motorcyclist Association                                  | <b>ETTM</b>   | Electronic Toll and Traffic Management            |
| <b>AMPD</b>   | Average Miles Driven Per Day                                       | <b>EV</b>     | Electric Vehicle                                  |
| <b>APC</b>    | Automatic Passenger Counter                                        | <b>FAA</b>    | Federal Aviation Administration                   |
| <b>APM</b>    | Automated People Mover                                             | <b>FARS</b>   | Fatal Accident Reporting System                   |
| <b>APTA</b>   | American Public Transit Association                                | <b>FDOT</b>   | Florida Department of Transportation              |
| <b>APTS</b>   | Advanced Public Transportation System                              | <b>FEMA</b>   | Federal Emergency Management Agency               |
| <b>ARTS</b>   | Advanced Rural Transportation Systems                              | <b>FWHA</b>   | Federal Highway Administration                    |
| <b>ARZ</b>    | Auto-restricted Zone                                               | <b>FMS</b>    | Fleet Management System                           |
| <b>ASCE</b>   | American Society of Civil Engineers                                | <b>FMC</b>    | Federal Maritime Commission                       |
| <b>ASE</b>    | Automated Speed Enforcement                                        | <b>FMVSS</b>  | Federal Motor Vehicle Safety Standards            |
| <b>ATS</b>    | American Travel Survey                                             | <b>FOIA</b>   | Freedom of Information Act                        |
| <b>AVI</b>    | Automated Vehicle Identification                                   | <b>FRA</b>    | Federal Railroad Administration                   |
| <b>AVL</b>    | Automatic Vehicle Location                                         | <b>FTA</b>    | Federal Transit Administration                    |
| <b>AVM</b>    | Automatic Vehicle Monitoring                                       | <b>FY</b>     | Fiscal Year                                       |
| <b>BAC</b>    | Blood Alcohol Concentration                                        | <b>GAO</b>    | General Accounting Office                         |
| <b>BRT</b>    | Bus Rapid Transit                                                  | <b>GDP</b>    | Gross Domestic Product                            |
| <b>BTS</b>    | Bureau of Transportation Statistics                                | <b>GIS</b>    | Geographical Information Systems                  |
| <b>CAAA</b>   | Clean Air Act Amendments of 1990                                   | <b>GNP</b>    | Gross National Product                            |
| <b>CBD</b>    | Central Business District                                          | <b>GOV</b>    | Government-Owned Vehicle                          |
| <b>CDL</b>    | Commercial driver's license                                        | <b>GPS</b>    | Global Positioning System                         |
| <b>CFC</b>    | Chlorofluorocarbon                                                 | <b>GVW</b>    | Gross Vehicle Weight                              |
| <b>CFF</b>    | Clean Fuel Fleet                                                   | <b>HAZMAT</b> | Hazardous Materials                               |
| <b>CFR</b>    | Code of Federal Regulations                                        | <b>HC</b>     | Hydrocarbon                                       |
| <b>CFV</b>    | Clean Fleet Vehicle                                                | <b>HCM</b>    | Highway Capacity manual                           |
| <b>CH3OH</b>  | Methanol                                                           | <b>HM</b>     | Hazardous Materials                               |
| <b>CH4</b>    | Methane                                                            | <b>HOV</b>    | High Occupancy Vehicle                            |
| <b>CMSA</b>   | Consolidated Metropolitan Statistical Area                         | <b>HP</b>     | High Occupancy Vehicle                            |
| <b>CO</b>     | Carbon Monoxide                                                    | <b>HQ</b>     | Headquarters                                      |
| <b>CO2</b>    | Carbon Dioxide                                                     | <b>HRIS</b>   | Highway Research Information                      |
| <b>CPI</b>    | Consumer Price Index                                               | <b>HSGT</b>   | High-Speed Ground Transportation                  |
| <b>CTPP</b>   | Census Transportation Planning Package                             | <b>HSI</b>    | Horizontal Situation Indicators                   |
| <b>CUTA</b>   | Canadian Urban Transit Association                                 | <b>IEEE</b>   | Institute of Electrical and Electronics Engineers |
| <b>CUTR</b>   | Center for Urban Transportation Research                           | <b>ISTEA</b>  | Intermodal Surface Transportation Efficiency Act  |
| <b>CVO</b>    | Commercial Vehicle Operations                                      | <b>ITE</b>    | Institute of Transportation Engineers             |
| <b>CWR</b>    | Continuous Welded Rail                                             | <b>ITS</b>    | Intelligent Transportation System                 |
| <b>DAB</b>    | Dial-A-Bus                                                         | <b>IVHS</b>   | Intelligent Vehicle Highway Systems               |
|               |                                                                    | <b>J-T-W</b>  | Journey to Work                                   |
|               |                                                                    | <b>KM</b>     | Kilometer                                         |



|                  |                                                               |                 |                                                                               |
|------------------|---------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------|
| <b>K-&amp;-R</b> | Kiss and ride                                                 | <b>RGR</b>      | Regional Rail                                                                 |
| <b>LEM</b>       | Linear Electronic Motor                                       | <b>ROW</b>      | Right of Way                                                                  |
| <b>LIM</b>       | Linear Induction Motor                                        | <b>RPM</b>      | Revenue Passenger Mile                                                        |
| <b>LOS</b>       | Level of Service                                              | <b>RRIS</b>     | Railroad Research Information Service                                         |
| <b>LPG</b>       | Liquefied Petroleum Gas                                       | <b>RRT</b>      | Rail Rapid Transit                                                            |
| <b>LRRT</b>      | Light Rail Rapid Transit                                      | <b>RSPA</b>     | Research and Special Programs                                                 |
| <b>LRT</b>       | Light Rail Transit                                            | <b>RT</b>       | Rail Transit                                                                  |
| <b>LRS</b>       | Linear Referencing System                                     | <b>RTAP</b>     | Rural Technical Assistance Program                                            |
| <b>LRV</b>       | Light Rail Vehicle                                            | <b>RV</b>       | Recreational Vehicle                                                          |
| <b>LSM</b>       | Linear Synchronous Motor                                      | <b>SHRP</b>     | Strategic Highway Research Program                                            |
| <b>LTPP</b>      | Long Term Pavement Performance                                | <b>SM</b>       | Statute Mile                                                                  |
| <b>MCMIS</b>     | Motor Carrier Management Information System                   | <b>SMPG</b>     | Seat Miles Per Gallon                                                         |
| <b>MPG</b>       | Miles Per Gallon                                              | <b>SMSA</b>     | Standard Metropolitan Statistical Area                                        |
| <b>MPO</b>       | Metropolitan Planning Organization                            | <b>SO2</b>      | Sulfur Dioxide                                                                |
| <b>MSA</b>       | Metropolitan Statistical Area                                 | <b>SOV</b>      | Single Occupancy Vehicle                                                      |
| <b>MV</b>        | Motor Vehicle                                                 | <b>SOX</b>      | Sulfur Oxide                                                                  |
| <b>N2O</b>       | Nitrous Oxide                                                 | <b>STP</b>      | Surface Transportation Program                                                |
| <b>NASS</b>      | National Accident Sampling System                             | <b>TACV</b>     | Tracked Air Cushion Vehicle                                                   |
| <b>NCHRP</b>     | National Cooperative Highway Research Program                 | <b>TAZ</b>      | Traffic Analysis Zone                                                         |
| <b>NCSA</b>      | National Center for Statistics and Analysis                   | <b>TAZ</b>      | Transportation Analysis Zone                                                  |
| <b>NCTRP</b>     | National Cooperative Transit Research and Development Program | <b>TCP/IP</b>   | Transmission Control Protocol/Internet Protocol                               |
| <b>NDR</b>       | National Driver Register                                      | <b>TCRP</b>     | Transit Cooperative Research Program                                          |
| <b>NEPA</b>      | National Environmental Policy Act                             | <b>TCU</b>      | Transportation Control Unit                                                   |
| <b>NETSIM</b>    | Network Simulation                                            | <b>TDM</b>      | Transportation Demand Management                                              |
| <b>NHI</b>       | National Highway Institute                                    | <b>TDP</b>      | Transit Development Program                                                   |
| <b>NHS</b>       | National Highway System                                       | <b>TDP</b>      | Transit Development Plan                                                      |
| <b>NHSTA</b>     | National Highway Traffic Safety Administration                | <b>TIC</b>      | Traveler Information Center                                                   |
| <b>NIMBY</b>     | Not In My Back Yard                                           | <b>TIGER</b>    | Topological Integrated Geographic Encoding & Referencing                      |
| <b>NM</b>        | Nautical Mile                                                 | <b>TIP</b>      | Transportation Improvement Program                                            |
| <b>NOX</b>       | Nitrogen Oxide                                                | <b>TMA</b>      | Traffic Management Advisor                                                    |
| <b>NPTS</b>      | Nationwide Personal Transportation Survey                     | <b>TMA</b>      | Traffic Management Agency                                                     |
| <b>NRC</b>       | National Research Council                                     | <b>TMA</b>      | Transportation Management Association                                         |
| <b>NTD</b>       | National Transit Database                                     | <b>TQM</b>      | Total Quality Management                                                      |
| <b>NTP</b>       | National Transportation Policy                                | <b>TRANSCAD</b> | Transportation Computer Assisted Design                                       |
| <b>NTS</b>       | National Transportation Statistics                            | <b>TRB</b>      | Transportation Research Board                                                 |
| <b>NTSB</b>      | National Transportation Safety Board                          | <b>TTI</b>      | Texas Transportation Institute                                                |
| <b>O3</b>        | Ozone                                                         | <b>UA</b>       | Urbanized Area                                                                |
| <b>OHS</b>       | Office of Highway Safety                                      | <b>UBOA</b>     | United Bus Owners of America                                                  |
| <b>OMB</b>       | Office of Management and Budget                               | <b>UITP</b>     | International Union of Public Transport                                       |
| <b>OPEC</b>      | Organization of Petroleum Exporting Countries                 | <b>UMTA</b>     | Urban Mass Transportation Administration (Now federal Transit Administration) |
| <b>OSHA</b>      | Occupational Safety & Health Administration                   | <b>UMTRIS</b>   | Urban Mass Transportation Research Information Service                        |
| <b>PAX</b>       | Passenger                                                     | <b>UTMS</b>     | Urban Transportation Modeling System                                          |
| <b>PCE</b>       | Passenger Car Equivalence                                     | <b>UTPS</b>     | Urban Transportation Planning System                                          |
| <b>PDPS</b>      | Problem Driver Pointer System                                 | <b>UZA</b>      | Urbanized Area                                                                |
| <b>PMS</b>       | Pavement Management System                                    | <b>VHT</b>      | Vehicle Hours Traveled                                                        |
| <b>PMSA</b>      | Primary Metropolitan Statistical Area                         | <b>VIN</b>      | Vehicle Identification Number                                                 |
| <b>PMT</b>       | Passenger Miles Traveled                                      | <b>VMT</b>      | Vehicle Mile(s) Traveled                                                      |
| <b>PMT</b>       | Person Miles of Travel                                        | <b>VOR</b>      | Vehicle Occupancy Rate                                                        |
| <b>POV</b>       | Privately Owned Vehicle                                       | <b>WTS</b>      | Women's Transportation Seminar                                                |
| <b>PPI</b>       | Producers Price Index                                         | <b>WWW</b>      | World Wide Web                                                                |
| <b>PRT</b>       | Personal Rapid Transit                                        | <b>ZEV</b>      | Zero Emission Vehicle                                                         |
| <b>PSU</b>       | Primary Sampling Unit                                         |                 |                                                                               |
| <b>PUMS</b>      | Public-Use Microdata Sample                                   |                 |                                                                               |
| <b>RFP</b>       | Request for Proposal                                          |                 |                                                                               |



| SI* (MODERN METRIC) CONVERSION FACTORS                                                                                               |                            |                            |                        |                   |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|------------------------|-------------------|
| APPROXIMATE CONVERSIONS TO SI UNITS                                                                                                  |                            |                            |                        |                   |
| Symbol                                                                                                                               | When You Know              | Multiply by                | To Find                | Symbol            |
| <b>LENGTH</b>                                                                                                                        |                            |                            |                        |                   |
| in                                                                                                                                   | inches                     | 25.4                       | millimeters            | mm                |
| ft                                                                                                                                   | feet                       | 0.305                      | meters                 | m                 |
| yd                                                                                                                                   | yards                      | 0.914                      | meters                 | m                 |
| mi                                                                                                                                   | miles                      | 1.61                       | kilometers             | km                |
| <b>AREA</b>                                                                                                                          |                            |                            |                        |                   |
| in <sup>2</sup>                                                                                                                      | square inches              | 645.2                      | square millimeters     | mm <sup>2</sup>   |
| ft <sup>2</sup>                                                                                                                      | square feet                | 0.093                      | square meters          | m <sup>2</sup>    |
| yd <sup>2</sup>                                                                                                                      | square yards               | 0.836                      | square meters          | m <sup>2</sup>    |
| ac                                                                                                                                   | acres                      | 0.405                      | hectares               | ha                |
| mi <sup>2</sup>                                                                                                                      | square miles               | 2.59                       | square kilometers      | km <sup>2</sup>   |
| <b>VOLUME</b>                                                                                                                        |                            |                            |                        |                   |
| fl oz                                                                                                                                | fluid ounces               | 29.57                      | milliliters            | mL                |
| gal                                                                                                                                  | gallons                    | 3.785                      | liters                 | L                 |
| ft <sup>3</sup>                                                                                                                      | cubic feet                 | 0.028                      | cubic meters           | m <sup>3</sup>    |
| yd <sup>3</sup>                                                                                                                      | cubic yards                | 0.765                      | cubic meters           | m <sup>3</sup>    |
| NOTE: Volumes greater than 1000 l shall be shown in m <sup>3</sup> .                                                                 |                            |                            |                        |                   |
| <b>MASS</b>                                                                                                                          |                            |                            |                        |                   |
| oz                                                                                                                                   | ounces                     | 28.35                      | grams                  | g                 |
| lb                                                                                                                                   | pounds                     | 0.454                      | kilograms              | kg                |
| T                                                                                                                                    | short tons (2000 lb)       | 0.907                      | megagrams              | Mg                |
| <b>TEMPERATURE (exact)</b>                                                                                                           |                            |                            |                        |                   |
| °F                                                                                                                                   | Fahrenheit temperature     | 5(F-32)/9<br>or (F-32)/1.8 | Celsius temperature    | °C                |
| <b>ILLUMINATION</b>                                                                                                                  |                            |                            |                        |                   |
| fc                                                                                                                                   | foot-candles               | 10.76                      | lux                    | lx                |
| fl                                                                                                                                   | foot-Lamberts              | 3.426                      | candela/m <sup>2</sup> | cd/m <sup>2</sup> |
| <b>FORCE and PRESSURE or STRESS</b>                                                                                                  |                            |                            |                        |                   |
| lbf                                                                                                                                  | poundforce                 | 4.45                       | newtons                | N                 |
| lbf/in <sup>2</sup>                                                                                                                  | poundforce per square inch | 6.89                       | kilopascals            | kPa               |
| * SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380. |                            |                            |                        |                   |



| SI* (MODERN METRIC) CONVERSION FACTORS                                                                                               |                        |             |                            |                     |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|----------------------------|---------------------|
| APPROXIMATE CONVERSIONS FROM SI UNITS                                                                                                |                        |             |                            |                     |
| Symbol                                                                                                                               | When You Know          | Multiply by | To Find                    | Symbol              |
| <b>LENGTH</b>                                                                                                                        |                        |             |                            |                     |
| mm                                                                                                                                   | millimeters            | 0.039       | inches                     | in                  |
| m                                                                                                                                    | meters                 | 3.28        | feet                       | ft                  |
| m                                                                                                                                    | meters                 | 1.09        | yards                      | yd                  |
| km                                                                                                                                   | kilometers             | 0.621       | miles                      | mi                  |
| <b>AREA</b>                                                                                                                          |                        |             |                            |                     |
| mm <sup>2</sup>                                                                                                                      | square millimeters     | 0.0016      | square inches              | in <sup>2</sup>     |
| m <sup>2</sup>                                                                                                                       | square meters          | 10.764      | square feet                | ft <sup>2</sup>     |
| m <sup>2</sup>                                                                                                                       | square meters          | 1.195       | square yards               | yd <sup>2</sup>     |
| ha                                                                                                                                   | hectares               | 2.47        | acres                      | ac                  |
| km <sup>2</sup>                                                                                                                      | square kilometers      | 0.386       | square miles               | mi <sup>2</sup>     |
| <b>VOLUME</b>                                                                                                                        |                        |             |                            |                     |
| mL                                                                                                                                   | milliliters            | 0.034       | fluid ounces               | fl oz               |
| L                                                                                                                                    | liters                 | 0.264       | gallons                    | gal                 |
| m <sup>3</sup>                                                                                                                       | cubic meters           | 35.71       | cubic feet                 | ft <sup>3</sup>     |
| m <sup>3</sup>                                                                                                                       | cubic meters           | 1.307       | cubic yards                | yd <sup>3</sup>     |
| NOTE: Volumes greater than 1000 l shall be shown in m <sup>3</sup> .                                                                 |                        |             |                            |                     |
| <b>MASS</b>                                                                                                                          |                        |             |                            |                     |
| g                                                                                                                                    | grams                  | 0.035       | ounces                     | oz                  |
| kg                                                                                                                                   | kilograms              | 2.202       | pounds                     | lb                  |
| Mg                                                                                                                                   | megagrams              | 1.103       | short tons (2000 lb)       | T                   |
| <b>TEMPERATURE (exact)</b>                                                                                                           |                        |             |                            |                     |
| °C                                                                                                                                   | Celsius temperature    | 1.8C + 32   | Fahrenheit temperature     | °F                  |
| <b>ILLUMINATION</b>                                                                                                                  |                        |             |                            |                     |
| lx                                                                                                                                   | lux                    | 0.0929      | foot-candles               | fc                  |
| cd/m <sup>2</sup>                                                                                                                    | candela/m <sup>2</sup> | 0.2919      | foot-Lamberts              | fl                  |
| <b>FORCE and PRESSURE or STRESS</b>                                                                                                  |                        |             |                            |                     |
| N                                                                                                                                    | newtons                | 0.225       | poundforce                 | lbf                 |
| kPa                                                                                                                                  | kilopascals            | 0.145       | poundforce per square inch | lbf/in <sup>2</sup> |
| * SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380. |                        |             |                            |                     |



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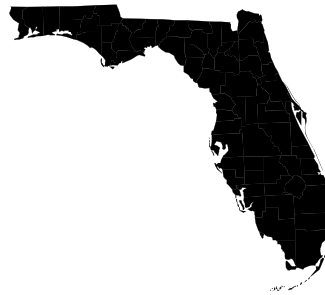


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# Florida Transportation Almanac 2003

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