MIAMI-DADE COUNTY MODAL SPLIT ANALYSIS



Prepared by: SFRPC South Florida Regional Planning Council Proudly serving South Florida since 1974

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Section 1 Introduction and Overview

This study was undertaken for the Miami-Dade County Transportation Planning Organization (TPO). It analyzes the means of transportation to work used by County residents in the County's 42 Traffic Analysis Districts (TADs), and along the County's Strategic Miami Area Rapid Transit (SMART) Plan corridors in 2017, the most recent data available. For comparison purposes, it also includes an analysis of the means of transportation to work used by residents of the United States, the State of Florida, and six peer counties. Data published by the Census Bureau for the comparison areas (United States, State of Florida and counties) include cross-tabulations by worker characteristics, such as age, place of birth, earnings, and industry; however, the sub-county data used to analyze the TADs and the corridors is available only for the total number of workers by means of transportation to work.

The study is organized in seven sections:

- Section 1 This Introduction and Overview
- Section 2 A comparison of Miami-Dade County to national and state estimates
- Section 3 A comparison of Miami-Dade County to six peer counties, 3 in Florida (Broward, Hillsborough and Orange) plus San Diego County (CA), Harris County (TX), and King County (WA)
- Section 4 An analysis of the County's Traffic Analysis Districts (TADs)
- Section 5 An analysis of the existing Metrorail corridor and six corridors selected for implementation of the County's SMART Plan
- Section 6 A summary with conclusions
- Appendices The methodology used in the study, plus detailed maps and tables.

The data in the tables refers to workers residing within each jurisdiction. For example, it includes those residing and working in Miami-Dade County and those residing in the County and working elsewhere, but it does not include workers who reside outside of the County and work in Miami-Dade County. The data is drawn from the 2017 American Community Survey 5-year cumulative sample, published by the U.S. Census Bureau in December of 2018. The Census Bureau reports that 63,437 households (6.3%) with 155,799 residents were included in the cumulative sample of Miami-Dade County between 2013 and 2017. Additional data related to the age distribution and place of birth of the whole population was incorporated into the analysis from the same sample to provide context for several of the tables.

It is important to keep in mind that national and state estimates presented in **Section 2** include rural areas, while the selected county and sub-county estimates reflect primarily urban areas. Also, because the data is drawn from a sample of households, all estimates are subject to sampling margins of error. Generally, larger geographic areas and sample sizes produce lower margins of error. The margins of error for the United States and the State of Florida in 2017 were small, under 10% for most estimates, even when the means of transportation were cross-tabulated by detailed economic and demographic characteristics. Margins of error for the seven counties were low on estimates for the larger counties (Harris County, TX; San Diego County, CA, and Miami-Dade County, FL), and were reasonable for most estimates even for the smaller counties. However, the margins of error were much higher for the block group estimates that were used to compile aggregate data for the TADs and the corridors. Caution is recommended in drawing rigorous conclusions based on the estimates presented for the small-area tabulations.

The Census Bureau published more detailed data for the larger geographies – the US, the State of Florida and the counties. Thus, the descriptive analysis contained in **Section 2** and **Section 3** includes some basic demographic data, as well as data for the means of transportation to work broken out by worker characteristics. Below is a list of the demographic data and the cross-tabulations of means of transportation to work by worker characteristics in those two sections, including references to the table numbers in the 2017 American Community Survey that served as sources for the data:

- Resident population and workers by place of birth (B05002 and B08111)
- Resident population and workers by age (DP05 and B08101)
- Means of transportation to work for all workers (B08301)
- Means of transportation to work by worker age (B08101)
- Means of transportation to work by place of birth (B08111)
- Resident workers by annual earnings (B08119)
- Means of transportation to work by annual earnings (B08119)
- Means of transportation to work by class of worker (B08128)
- Means of transportation to work by place of birth (B08111)
- Resident workers who did not work at home, by travel time to work (B08134)
- Means of transportation to work by travel time to work (B08134)
- Means of transportation to work by household tenure (B08137)
- Means of transportation to work by number of vehicles in household (B08141)
- Means of transportation to work by industry sector (B08126)

Similar analysis for the sub-county areas described in **Section 4** and **Section 5** was not possible because comparable data was not published by the Census Bureau for block groups, the base level of geography used to tabulate data for the TADs and the corridor buffer areas.

Section 2 Miami-Dade County Compared to the United States and the State of Florida

This section includes data and analysis of the means of transportation to work in the United States, the State of Florida and Miami-Dade County in 2017. It is important to keep in mind that national and state estimates include rural areas, while Miami-Dade County estimates reflect primarily an urban area and the urban transportation network that serves it. Also, the data in this study refer to the resident workers of each jurisdiction. For example, it does not include residents of other counties who worked in Miami-Dade County.

The tables and figures included in this section focus on the percentages of workers driving alone in a car, van or truck, carpooling, and using public transportation. Tables with the absolute numbers and the percentages for all of the means of transportation to work are included in **Table A-2** and **Table A-3** in the **Appendices**.

Resident Population and Workers by Place of Birth

In 2017, workers represented 46.2% of the resident population nationally, and 46.3% in Miami-Dade County, but only 43.9% in the State of Florida (*Table 2.1*). In other words, there was a higher proportion of non-workers in Florida than in the US and Miami-Dade County. The most likely explanation for this is the larger population of retirees (non-workers) residing in Florida as a whole.





Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Tables B05002 and B08111)

Table 2.1.	Resident Po	pulation a	nd Workers	by Place	of Birth, 2017
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Resident Population and Workers	US	Florida	Miami-Dade
Total Resident Population	100.0%	100.0%	100.0%
- Native Residents	86.6%	79.8%	47.1%
- Foreign-Born Residents	13.4%	20.2%	52.9%
Workers 16 Years and Older	100.0%	100.0%	100.0%
- Native Workers	83.1%	74.4%	37.6%
- Foreign-Born Workers	16.9%	25.6%	62.4%
Workers as a % of Resident Population	46.2%	43.9%	46.3%
- Native	44.4%	41.0%	37.0%
- Foreign-Born	58.2%	55.5%	54.5%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Tables B05002 and B08111)

The size of the foreign-born population in Miami-Dade County differentiates it from the nation as a whole: 1,430,880 residents (52.9%) and 780,453 workers (62.4%) were born in another country. This compares to national averages of 13.4% and 16.9%, respectively. In the State of Florida, one in five residents (20.3%) and a quarter of workers (25.6%) were foreign-born (*Figure 2.1* and *Table 2.1*).

A higher proportion of foreign-born residents works than native residents. Only 37.0% of native Miami-Dade County residents and 41.0% of native Florida residents were workers in 2017, compared to 44.4% nationally. This contrasts with the 54.5% of foreign-born residents in Miami-Dade County and 55.5% in Florida who were workers, compared to 58.2% nationally. It is worth noting that the lower proportion of native workers in Miami-Dade County and the State of Florida reflects, at least in part, the fact that many of the children of foreign-born residents are counted as natives.

Resident Population and Workers by Age

The age distributions of the population and the workforce also show some differences. While 18.7% of the working-age population in Miami-Dade County was 65 years and older, elderly workers made up only 4.9% of all workers (*Figure 2.2* and *Table 2.2*). One in seven residents 65 years and older (14.8%) were workers in 2017, slightly below the national average (16.3%). Miami-Dade County also had a lower proportion of young workers (9.9%) than the US average (13.1%), and only 40.5% of the population 16 to 24 years old worked in 2017, compared to 49.2% at the national level. A possible explanation for this difference is the number of higher education establishments located in Miami-Dade County, which attract a disproportionate share of students from elsewhere in the State of Florida and the nation.



Figure 2.2.	Resident	Population	and Workers	hy Age	2017
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Table 2.2	Posidont Donu	lation and	Workors by	/ Ago 2017
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Resident Population and Workers	US	Florida	Miami-Dade
Resident Population 16 Years and Older	100.0%	100.0%	100.0%
- 16 to 24 years old	15.5%	13.5%	13.9%
- 25 to 64 years old	65.9%	62.9%	67.4%
- 65 years and older	18.7%	23.6%	18.7%
Workers	100.0%	100.0%	100.0%
- 16 to 24 years old	13.1%	11.8%	9.9%
- 25 to 64 years old	81.6%	82.2%	85.2%
- 65 years and older	5.3%	6.0%	4.9%
Workers as a % of Resident Population	58.0%	53.5%	56.5%
- 16 to 24 years old	49.2%	46.6%	40.5%
- 25 to 64 years old	71.9%	70.0%	71.4%
- 65 years and older	16.3%	13.6%	14.8%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Tables DP05 and B08101)

Workers by Means of Transportation to Work

Overall, the modal split profile of workers residing in Miami-Dade County more closely resembles national averages than the averages for the State of Florida. In Miami-Dade County in 2017, 961,416 workers drove a car, truck or van to work alone, 76.8% of all workers. This compares to 76.4% nationally, but 79.5% in the State of Florida (*Table 2.3* and *Figure 2.3*).





Table 2.3.	Means of	Transportation t	o Work,	All Workers,	2017 (% of	all workers)
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Means of Transportation to Work	US	Florida	Miami-Dade
Car, truck, or van	85.6%	88.7%	85.8%
Drove alone	76.4%	79.5%	76.8%
Carpooled	9.2%	9.2%	8.9%
Public transportation	5.1%	2.0%	5.2%
Bus or trolley bus	2.5%	1.8%	4.5%
Streetcar or trolley car	0.1%	0.0%	0.0%
Subway or elevated	1.9%	0.1%	0.6%
Railroad	0.6%	0.1%	0.1%
Ferryboat	0.0%	0.0%	0.0%
Taxicab	0.1%	0.1%	0.2%
Motorcycle	0.2%	0.3%	0.2%
Bicycle	0.6%	0.7%	0.6%
Walked	2.7%	1.5%	2.1%
Other means	0.9%	1.1%	0.9%
Worked at home	4.7%	5.6%	4.9%
Total	100.0%	100.0%	100.0%
Total Number of Workers	148,432,042	8,907,171	1,251,193

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301).

In contrast, while only 2.0% of Florida's workers used public transportation to get to work, 5.2% of Miami-Dade workers and 5.1% of workers nationally did so. The ACS estimates that 65,521 residents of Miami-Dade County used public transportation to get to work in 2017. Within the category of public transportation, 4.5% of Miami-Dade County workers used a bus or trolley bus to get to work, compared to 2.5% nationally and 1.8% in Florida; 0.6% of Miami-Dade County workers used a subway or elevated, compared to 1.9% nationally, but only 0.1% in the State. Miami-Dade County workers represented over 80% of the subway or elevated users in the State of Florida in 2017.

Means of Transportation to Work by Age

Tables 2.4 to **2.11** present the share of all workers who meet the criterion specified in the column to the left. For example, in **Table 2.4**, 76.8% of all workers residing in Miami-Dade County drove a car, truck or van alone to work; 70.1% of all workers 16 to 24 years old residing in Miami-Dade County drove a car, truck or van alone to work; and 5.4% of all workers 65 years and over residing in Miami-Dade County used public transportation to get to work. These tables, and other similar tables in **Section 3**, include rates of use for the three principal modes of transportation to work: driving alone, carpooling and public transportation. Absolute data and use rates for all means of transportation to work are included in tables in the **Appendices**.

Means of Transportation to Work and Age	US	Florida	Miami-Dade			
Car, truck, or van – drove alone	76.4%	79.5%	76.8%			
- 16 to 24 years	70.5%	74.9%	70.1%			
- 25 to 64 years	77.4%	80.3%	77.7%			
- 65 years and over	76.5%	77.4%	75.4%			
Car, truck, or van – carpooled	9.2%	9.2%	8.9%			
- 16 to 24 years	12.3%	12.4%	11.4%			
- 25 to 64 years	8.8%	9.0%	8.7%			
- 65 years and over	6.3%	6.1%	7.4%			
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%			
- 16 to 24 years	5.6%	3.5%	9.1%			
- 25 to 64 years	5.1%	1.9%	4.8%			
- 65 years and over	3.7%	1.5%	5.4%			

Table 2.4. Means of Transportation to Work, by Worker Age, 2017 (% of all workers by age)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08101).

The youngest workers in Miami-Dade County (16-24 years old) used public transportation at a higher rate (9.1%) than the national average (5.6%) or the State of Florida average (3.5%). In general, the youngest workers had higher carpool rates than the rest of the workforce at the national (12.3%), State of Florida (12.4%) and County (11.4%) levels (*Table 2.4*). However, these younger workers represented a smaller proportion of the overall workforce in Miami-Dade County (9.9%) than in the US (13.1%) or Florida (11.8%) (*Table 2.2*).

Means of Transportation to Work by Place of Birth

Nationally, public transportation use is more than twice as high among foreign-born workers (10.0%) when compared to native workers (4.1%); the same relationship is observed statewide in Florida, although the overall rate of use of public transportation is much lower (3.6% and 1.5%, respectively). However, in Miami-Dade County, there is only a small difference (5.2% and 5.3%). Foreign-born workers also are more likely to use carpooling than native workers (**Table 2.5**).

Table 2.5. Means of Transportation to Work, by Worker Place of Birth, 2017 (% of all workers by place of birth)

Means of Transportation to Work and Place of Birth	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.4%	79.5%	76.8%
- Native	78.5%	80.9%	77.9%
- Foreign-Born	66.4%	75.3%	76.2%
Car, truck, or van – carpooled	9.2%	9.2%	8.9%
- Native	8.2%	8.2%	8.2%
- Foreign-Born	13.8%	12.2%	9.4%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- Native	4.1%	1.5%	5.3%
- Foreign-Born	10.0%	3.6%	5.2%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08111).

Workers by Annual Earnings

A larger share of Miami-Dade County resident workers (42.8%) had annual earnings under \$25,000 in 2017 than the nation (34.8%) or the State of Florida (38.8%) (*Table A-1* and *Figure 2.4*). Miami-Dade County also had a smaller share (12.5%) of workers earning \$75,000 or more than either the State (13.8%) or the US (18.4%).



Figure 2.4. Workers by Annual Earnings, 2017

Means of Transportation to Work by Worker Earnings

Carpool rates declined with worker earnings nationally, for the State of Florida and for Miami-Dade County in 2017 (*Table 2.6*). Public transportation usage followed the same pattern, except at the national level, where the highest rates of use occurred among workers with earnings of \$75,000 or more (6.5%).

Table 2.6. Means of Transportation to Work, by Worker Earnings, 2017 (% of all workers by earnings)

Means of Transportation to Work and Earnings	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.4%	79.5%	76.8%
- \$1 to \$24,999, or loss	70.6%	74.0%	71.1%
- \$25,000 to \$74,999	80.5%	83.6%	81.2%
- \$75,000 or more	77.1%	80.9%	80.9%
Car, truck, or van – carpooled	9.2%	9.2%	8.9%
- \$1 to \$24,999, or loss	11.8%	11.9%	10.7%
- \$25,000 to \$74,999	8.5%	8.1%	8.0%
- \$75,000 or more	5.9%	5.3%	6.1%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- \$1 to \$24,999, or loss	5.7%	3.6%	8.1%
- \$25,000 to \$74,999	4.2%	1.1%	3.4%
- \$75,000 or more	6.5%	0.6%	2.1%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08119).

Means of Transportation to Work by Class of Worker

Approximately seven of every ten workers in 2017 were wage and salary workers in private for-profit companies, with a slightly higher proportion (71.3%) in Miami-Dade County than in the US (68.1%) or the State of Florida (69.8%). Self-employed workers in not-incorporated businesses (sole proprietors) made up 7.7% of all workers in Miami-Dade County, compared to the national average of 5.9% (*Table A-1*). These self-employed workers in the County used public transportation at a rate that was more than three times the national average (7.4% vs. 3.0%) in 2017 (*Table 2.7*). On the other hand, the 6.3% of self-employed workers in their own incorporated businesses in Miami-Dade County had much lower use rates for public transportation (1.6%); 18.2% of these County residents worked at home (*Table A-3*).

Means of Transportation to Work and Class of Worker	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.4%	79.5%	76.8%
- Private for-profit wage and salary workers	77.8%	80.8%	79.2%
- Self-employed in own incorporated business	67.1%	68.0%	66.5%
- Private not-for-profit wage and salary workers	75.6%	81.0%	75.8%
- Local government workers	82.9%	86.7%	82.8%
- State government workers	78.4%	83.1%	79.0%
- Federal government workers	76.1%	82.6%	79.6%
- Self-employed in own not-incorporated business	59.4%	62.5%	58.9%
- Unpaid family workers	52.6%	56.8%	56.1%
Car, truck, or van – carpooled	9.2%	9.2%	8.9%
- Private for-profit wage and salary workers	9.3%	9.2%	8.7%
- Self-employed in own incorporated business	8.6%	9.5%	10.2%
 Private not-for-profit wage and salary workers 	8.7%	9.7%	11.1%
- Local government workers	8.3%	8.6%	9.0%
- State government workers	9.4%	9.6%	11.0%
- Federal government workers	8.5%	7.3%	8.2%
- Self-employed in own not-incorporated business	9.2%	9.4%	8.3%
- Unpaid family workers	14.8%	15.0%	15.4%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- Private for-profit wage and salary workers	5.4%	2.2%	5.3%
- Self-employed in own incorporated business	1.9%	0.6%	1.6%
- Private not-for-profit wage and salary workers	6.6%	1.9%	6.4%
- Local government workers	4.3%	1.3%	4.2%
- State government workers	4.3%	1.8%	4.5%
- Federal government workers	6.1%	1.5%	7.3%
- Self-employed in own not-incorporated business	3.0%	2.2%	7.4%
- Unpaid family workers	2.7%	1.5%	1.7%

Table 2.7. Means of Transportation to Work, by Class of Worker, 2017 (% of all workers by class)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08128).

Workers Who Did Not Work at Home by Travel Time to Work

More than half of Miami-Dade County residents (53.5%) who worked, but did not work at home, faced commute times of 30 minutes or more, compared to 37.5% nationally and 40.8% in the State of Florida (*Table A-1* and *Figure 2.5*).



Figure 2.5. Workers Who Did Not Work at Home, by Commute Time, 2017

Means of Transportation to Work by Travel Time to Work

For Miami-Dade County workers with a commute time of an hour or more, 69.0% drove alone, 10.2% carpooled, and 18.5% used public transportation (*Table 2.8*).

Table 2.8. Means of Transportation to Work, by Travel Time to Work, 2017 (% of all workers by travel time)

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Means of Transportation to Work and Travel Time to Work	US	Florida	Miami-Dade
Car, truck, or van – drove alone	80.2%	84.2%	80.8%
- Less than 15 minutes	80.8%	81.9%	75.1%
- 15 to 29 minutes	84.8%	86.5%	84.4%
- 30 to 59 minutes	79.5%	85.7%	83.3%
- 60 or more minutes	62.6%	73.3%	69.0%
Car, truck, or van – carpooled	9.6%	9.8%	9.4%
- Less than 15 minutes	8.9%	9.1%	9.3%
- 15 to 29 minutes	9.3%	9.6%	9.1%
- 30 to 59 minutes	10.1%	9.9%	9.5%
- 60 or more minutes	11.5%	11.7%	10.2%
Public transportation (excluding taxicab)	5.4%	2.1%	5.5%
- Less than 15 minutes	0.7%	0.7%	1.8%
- 15 to 29 minutes	2.2%	1.0%	2.5%
- 30 to 59 minutes	8.2%	2.4%	5.3%
- 60 or more minutes	22.9%	10.5%	18.5%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08134).

Means of Transportation to Work by Householder Tenure

Miami-Dade County differed from the US and the State of Florida in the owner/renter mix for its workers. In 2017, 56.3% of workers lived in owner-occupied housing units, compared to 66.2% at the national level and 63.0% at the State level (*Table A-1*). Across all jurisdictions, workers in renter-occupied households had higher rates of public transportation use and lower rates of driving alone; carpooling rates were only slightly higher for workers in renter households.

Table 2.9.	Means of	Transportation t	o Work, by T	enure, 2017	(% of all workers	s by tenure)
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Means of Transportation to Work and Tenure of Householder	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.9%	79.8%	77.1%
- Owner-occupied household	80.7%	81.9%	81.2%
- Renter-occupied household	69.5%	76.2%	71.8%
Car, truck, or van – carpooled	9.2%	9.2%	9.0%
- Owner-occupied household	8.3%	8.3%	8.6%
- Renter-occupied household	10.8%	10.9%	9.4%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- Owner-occupied household	3.1%	1.0%	2.8%
- Renter-occupied household	9.1%	3.7%	8.2%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08137).

Means of Transportation to Work by Number of Vehicles in Household

In 2017, there were more than 53,000 workers (4.3%) who resided in Miami-Dade County and lived in households that had no vehicle (*Table A-1*). While only 5.2% of all workers used public transportation to get to work and 9.0% carpooled, about half of workers in households with no vehicle used either public transportation (39.3%) or a carpool (10.1%) to get to work (*Table 2.10*); 13.1% walked and 6.1% worked at home (*Table A-3*).

Means of Transportation to Work and Number of Vehicles	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.9%	79.8%	77.1%
- No vehicle	20.7%	32.5%	20.3%
- 1 vehicle	71.4%	75.9%	72.5%
- 2 vehicles	81.1%	82.5%	81.4%
- 3 or more vehicles	82.7%	83.7%	83.1%
Car, truck, or van – carpooled	9.2%	9.2%	9.0%
- No vehicle	11.1%	16.3%	10.1%
- 1 vehicle	10.2%	10.4%	9.1%
- 2 vehicles	8.5%	8.3%	8.4%
- 3 or more vehicles	9.1%	9.0%	9.4%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- No vehicle	41.3%	22.6%	39.3%
- 1 vehicle	7.6%	2.7%	7.2%
- 2 vehicles	2.7%	1.0%	2.7%
- 3 or more vehicles	1.7%	0.8%	2.0%

Table 2.10. Means of Transportation to Work, by Vehicles in Household, 2017 (% of all v	workers by vehicles)
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Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08141).

Table 2.10 presents what appears to be an anomaly, insofar as it shows significant shares of national (20.7%), State (32.5%) and County (20.3%) workers who lived in households with no vehicle driving alone to work. This counterintuitive estimate is at least partly explained in text and a note contained on page 19 of a recent Census Bureau publication, <u>Who Drives to Work</u>, which was based on ACS 1-year data for 2006 and 2013.

The relatively high rate of workers who reported driving alone with no vehicle access is a surprising outcome. In the two highest earning categories, more than 20 percent of workers reported driving to work alone. [Note 34: The ACS question about vehicle availability asks respondents, "How many automobiles, vans, and trucks of 1-ton capacity or less are kept at home for use by members of this household?" Some workers report that they have no vehicle at home, but they drive to work. This combination of responses may result from several possible scenarios. For example, a worker may use a company car, borrow another person's car, have a private driver, have a vehicle of more than 1-ton capacity, or use a car-sharing program. It is also possible that some respondents who do not have access to a vehicle report their commute by some form of transportation, such as vanpool or taxi, as a trip made by private vehicle.]

The sample for the 2017 ACS 5-year data used in the current report was collected from 2013 to 2017, when car-sharing services such as Uber and Lyft were becoming more popular, likely contributing to the high proportions of responses in the category.

Means of Transportation to Work by Industry Sector

In 2017, four of the 14 industry sectors accounted for 56.3% of the workers residing in Miami-Dade County: educational services and health care (19.7%), professional, scientific and management services (12.9%), retail trade (12.3%) and arts, entertainment, recreation and accommodation (11.4%). Compared to the United States (10.3%), the County's manufacturing workforce was less than half as much (4.6%) (*Table A-3*).

Workers in the arts, entertainment, recreation and accommodation had the highest rates of public transportation use in Miami-Dade County (11.0%), followed by other services (8.2%) (*Table 2.11* and *Figure 2.6*). Carpooling rates were highest in agriculture (23.4%) and construction (11.5%).



Figure 2.6. Miami-Dade County – Means of Transportation to Work by Industry, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08126).

Means of Transportation to Work and Industry	US	Florida	Miami-Dade
Car, truck, or van – drove alone	76.4%	79.5%	76.8%
- Agriculture, forestry, fishing and hunting, and mining	68.1%	59.1%	56.7%
- Construction	74.8%	74.8%	72.8%
- Manufacturing	81.8%	81.5%	81.2%
- Wholesale trade	80.3%	80.0%	80.6%
- Retail trade	78.7%	81.0%	77.4%
- Transportation and warehousing, and utilities	81.7%	83.2%	83.7%
- Information	71.7%	78.9%	79.3%
- Finance, insurance and real estate, rental and leasing	74.7%	79.7%	79.3%
- Professional, scientific and management	68.8%	73.4%	73.8%
- Educational services, health care and social assistance	79.0%	84.1%	81.2%
- Arts, entertainment, recreation and accommodation	71.2%	76.8%	67.9%
- Other services (except public administration)	74.3%	77.1%	70.8%
- Public administration	81.7%	87.6%	82.5%
- Armed forces	67.7%	72.8%	83.6%
Car, truck, or van – carpooled	9.2%	9.2%	8.9%
- Agriculture, forestry, fishing and hunting, and mining	13.2%	17.4%	23.4%
- Construction	15.2%	14.7%	11.5%
- Manufacturing	10.1%	8.7%	9.3%
- Wholesale trade	8.0%	8.0%	8.6%
- Retail trade	8.7%	8.9%	9.0%
- Transportation and warehousing, and utilities	7.5%	7.3%	6.9%
- Information	6.5%	6.5%	7.4%
- Finance, insurance and real estate, rental and leasing	6.2%	6.3%	6.9%
- Professional, scientific and management	8.7%	9.4%	8.8%
- Educational services, health care and social assistance	8.4%	8.8%	9.3%
- Arts, entertainment, recreation and accommodation	11.0%	10.4%	9.2%
- Other services (except public administration)	9.3%	10.0%	9.1%
- Public administration	7.6%	6.9%	7.3%
- Armed forces	8.1%	6.6%	7.7%
Public transportation (excluding taxicab)	5.1%	2.0%	5.2%
- Agriculture, forestry, fishing and hunting, and mining	1.7%	7.3%	3.8%
- Construction	2.9%	1.6%	4.7%
- Manufacturing	2.3%	1.1%	3.0%
- Wholesale trade	3.1%	1.3%	2.6%
- Retail trade	4.8%	2.5%	6.4%
- Transportation and warehousing, and utilities	3.9%	1.3%	2.3%
- Information	8.6%	1.2%	2.7%
- Finance, insurance and real estate, rental and leasing	7.5%	0.9%	3.0%
- Professional, scientific and management	7.6%	1.8%	4.7%
- Educational services, health care and social assistance	4.8%	1.5%	4.1%
- Arts, entertainment, recreation and accommodation	7.4%	4.1%	10.9%
- Other services (except public administration)	5.1%	2.7%	8.2%
- Public administration	5.7%	1.3%	5.8%
- Armed forces	1.6%	1.1%	0.6%

Table 2.11. Means of Transportation to Work, by Industry, 2017 (% of all workers by industry)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08126).

Section 3 Miami-Dade County in Comparison to Peer Counties

This section will analyze the means of transportation to work of workers who reside in Miami-Dade County, in comparison to workers in six peer U.S. counties, both in Florida and outside, as selected by the staff of the Miami-Dade Transportation Planning Organization (TPO). The counties selected are:

- Broward County, Florida (Fort Lauderdale)
- Hillsborough County, Florida (Tampa)
- Orange County, Florida (Orlando)
- San Diego County, California (San Diego)
- Harris County, Texas (Houston)
- King County, Washington (Seattle)

The resident population of the counties in 2017 ranged in size from 1.3 million (Orange County, FL) to 4.5 million (Harris County, TX); Miami-Dade County was in the middle in terms of population size at 2.7 million. The distribution was similar for resident workers, ranging from 631,669 in Orange County to 2,140,881 in Harris County; Miami-Dade County was in the middle of the range, with 1,251,193 resident workers (*Table A-1*).

Profiles of the Comparison County Transit Systems

Table 3.0. Comparison of Transit Systems and Measures, 2019

Major City	Major City Founding Year(s of Transit Syster		Number of Transit Routes w/in ½ mile of average	Households Near Transit	Households Near High Frequency* Transit			Jobs Near Transit	Jobs Near High- Frequency*
			block group	(within ½ mile) -	Rush Hour	Full Day	Around the Clock		Iransii
Miami	1960	6	93.40%	40%	18%	0%	93.80%	47.50%	
Fort Lauderdale	1971 History and Descr	4 iption: Broward Coun	82.70% ty Transit (BCT) is	1% the public t	0% ransit author	0% ity in Broward	87.90% County, Florida	5.70%	
	Major City Miami Fort Lauderdale	Major City Founding Year(s) of Transit System Miami 1960 Fort Lauderdale 1971 History and Descrilareest transit system	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupMiami19606Fort Lauderdale19714History and Description: Broward Coun largest transit system in Florida after M	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupHouseholds Near Transit (within ½ mile)Miami1960693.40%Fort Lauderdale1971482.70%History and Description: Broward County Transit (BCT) is largest transit system in Florida after Miami-Dade Transit	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupHouseholds Near Transit (within ½ mile)Households Rush HourMiami1960693.40%40%Fort Lauderdale1971482.70%1%History and Description: Broward County Transit (BCT) is the public t largest transit system in Florida after Miami-Dade Transit. BCT's locaBCT's loca	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupHouseholds Near Transit (within ½ mile)Households Near Transit Rush HourHouseholds Near High I TransitMiami1960693.40%40%18%Fort Lauderdale1971482.70%1%0%History and Description: Broward County Transit (BCT) is the public transit author largest transit system in Florida after Miami-Dade Transit.BCT's local service is for	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupHouseholds Near Transit (within ½ mile)Households Near Transit TransitHouseholds Near High Frequency* TransitMiami1960693.40%40%18%0%Fort Lauderdale1971482.70%1%0%0%History and Description: Broward County Transit (BCT) is the public transit authority in Broward largest transit system in Florida after Miami-Dade Transit.BCT's local service is focused mainly	Major CityFounding Year(s) of Transit SystemNumber of Transit Routes w/in ½ mile of average block groupHouseholds Near Transit (within ½ mile)Households Near High Frequency* TransitJobs Near TransitMiami1960693.40%40%18%0%93.80%Fort Lauderdale1971482.70%1%0%0%87.90%History and Description: Broward County Transit (BCT) is the public transit authority in Broward County, Florida largest transit system in Florida after Miami-Dade Transit.BCT's local service is focused mainly in Broward County, Florida	

largest transit system in Florida after Miami-Dade Transit. BCT's local service is focused mainly in Broward County; however, BCT operates routes traveling from Broward County to Palm Beach County, linking their service with Palm Tran. There are also routes that travel from Broward County to Miami-Dade County, linking their service with Miami-Dade Transit. Limited Stop Service known as The Breeze (separate from overall fleet theme), operates 3 routes. Paratransit services are available for disabled riders and senior citizens. Community Buses operate special routes as an extension of the local bus service in Broward County. There are also two express bus services: 95 Express and 595 Express. The County won approval of a \$15.6 billion, 30-year transportation sales tax in November 2018 through a referendum that will be used at least partially to fund transit improvements.

Hillsborough, FL	Tampa Bay	1980	3	53.30%	15%	2%	0%	71.30%	28.40%
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History and Description: Hillsborough Area Regional Transit, also known as the Hillsborough Transit Authority (HART), provides public transportation for Hillsborough County, Florida. The agency provides 26 fixed-route local and 7 express bus service routes, door-to-door paratransit service (HARTplus), flex-route neighborhood connector service (HARTflex), a lightened version of Bus Rapid Transit (MetroRapid) and manages the TECO Line Streetcar System.

County of Comparison	Major City	Founding Year(s) of Transit System	Number of Transit Routes w/in ½ mile of average block group	Households Near Transit (within ½ mile)	Household	s Near High Fi Transit	requency*	Jobs Near Transit	Jobs Near High- Frequency* Transit
Orange, FL	Orlando	1972	4	62.30%	8%	2%	0%	78.30%	24.50%

History and Description: The Central Florida Regional Transportation Authority was formed in May 1972 under the name Orange-Seminole-Osceola Transportation Authority (OSOTA). The bus service was originally named Tri-County Transit, or TCT for short. The authority changed its name in 1994 via a public naming contest and started doing business as Lynx. The agency opened Lynx Central Station (LCS) in November 2004 and a new operations center called Lynx Operations Center (LOC) in 2007. LYNX also opened through a partnership with the city of Kissimmee the Osceola Satellite Facility (OSF) to operate their Kissimmee routes. LYNX operates a total of 88 bus routes in the Orlando area, serving Orange, Osceola, and Seminole counties with limited service to Polk County. Lynx routes include Link local bus routes, KnightLynx service to the University of Central Florida campus, Disney Direct commuter service to Walt Disney World Resort, FastLink limited stop bus routes, the Lymmo zero-fare service in Downtown Orlando, and NeighborLink community circulator buses providing curb-to-curb service through advance reservations. Other LYNX services include a commuter assistance Vanpool program; Access LYNX paratransit service; NeighborLink (formerly PickUpLine) community circulators; and KnightLynx, a transportation option on and near the University of Central Florida campus that operates on Friday and Saturday nights only.

San Diego, CA	San Diego	1888	4	75.10%	34%	10%	0%	81.80%	39.20%
		History and Descrip service provider for transportation serv service. About half paratransit services names have change the past 125 years.	otion: The San Dieg Central, South, No ices, including the of its fixed-route l . MTS is one of the d over the years, t	go Metropolitan Tra ortheast and Southea San Diego Trolley's bus services are con oldest transit system he two modes of tra	nsit System (ast San Diego s three daily tracted out t ms in Souther nsportation -	typically abbr County, in th Light rail line o Transdev, a rn California, - buses and lig	eviated as S e United Stat s, 93 fixed-r nd First Tran dating back a ght rail – hav	DMTS or MTS) is tes. MTS administ route bus services sit, with First Trar as early as the 188 e remained consis	the public transit ters several public s, and paratransit nsit also providing 30s. Although the stent over most of

County of Comparison	Major City	Founding Year(s) of Transit System	Number of Transit Routes w/in ½ mile of average block group	Households Near Transit (within ½ mile)	Household	ls Near High F Transit	requency*	Jobs Near Transit	Jobs Near High- Frequency* Transit
Harris, TX	Houston	1978	3	55.10%	33%	18%	7%	68.20%	47.50%
		History and Descr	iption: The Metropoli	itan Transit Author	itv of Harris	County (or N	1ETRO) is a m	naior public trar	nsportation agency

History and Description: The Metropolitan Transit Authority of Harris County (or METRO) is a major public transportation agency based in Houston, Texas, United States. It operates bus, light rail, bus rapid transit, HOV and HOT lanes, and paratransit service (under the name METROLift) in the city as well as most of Harris County. METRO also operates bus service to two cities in Fort Bend County. The Texas State Legislature authorized the creation of local transit authorities in 1973. In 1978, Houston-area voters created METRO and approved a one-cent sales tax to support its operations. METRO began operations in January 1979, taking over the bus service owned by the City of Houston known as HouTran. In 2015, the bus system was redesigned, eliminating low-ridership routes in favor of a high-frequency, high-demand bus network, without any increase in operating costs.

King, WA	Seattle	1939	10	86.60%	44%	37%	0%	95.10%	60.30%

History and Description: King County Metro, officially the King County Metro Transit Department and often shortened to Metro, is the public transit authority of King County, Washington, which includes the city of Seattle. It is the eighth-largest transit bus agency in the United States, carrying an average of 395,000 passengers each weekday on 215 routes. Metro employs 2,716 full-time and part-time operators and operates 1,540 buses. It began operations on January 1, 1973, but can trace its roots to the Seattle Transit System, founded in 1939, and Overlake Transit Service, a private operator founded in 1927 to serve the Eastside. Metro is also contracted to operate and maintain Sound Transit's Central Link light rail line and eight of the agency's Sound Transit Express bus routes along with the Seattle Streetcar lines owned by the City of Seattle. Metro's services include electric trolleybuses in Seattle, RapidRide enhanced buses on six lines, commuter routes along the regional freeway system, dial-a-ride routes, paratransit services, and overnight buses.





Source: AllTransit[™] Fact Sheets, Center for Neighborhood Technology, 2019 *High Frequency is defined as 15-minute headways or less

Resident Population and Workers by Place of Birth

Miami-Dade County stands out from the selected peer counties in 2017 due to the size and proportion of the foreign-born in its population (1.4 million, 52.9% of the total) and in its workforce (0.7 million, 62.5%) (*Table A-1*). Broward County also had a significant foreign-born presence in both the population (33.1%) and workforce (40.6%). Of the other counties, only Harris County, Texas (Houston) had a foreign-born population that was close to South Florida, with over a third of the workforce foreign-born. King County, Washington (Seattle) had the highest ratio of workers to population (52.8%), compared to 46.3% in Miami-Dade, while Houston had the highest ratio of workers in the foreign-born population (61.7%), compared to 54.5% in Miami-Dade County (*Figure 3.1* and *Table 3.1*).



Figure 3.1. Resident Population by Place of Birth, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B05002).

	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Resident Population and Workers	Dade	FL	ough	FL	Diego	TX	WA
Total Resident Population	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Native Residents	47.1%	66.9%	83.5%	79.3%	76.4%	74.0%	77.9%
Foreign-Born Residents	52.9%	33.1%	16.5%	20.7%	23.6%	26.0%	22.1%
Workers 16 Years and Older	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Native Workers	37.6%	59.4%	79.7%	74.9%	72.3%	66.1%	74.7%
Foreign-Born Workers	62.4%	40.6%	20.3%	25.1%	27.7%	33.9%	25.3%
Workers as a % of Resident Population	46.3%	48.3%	47.6%	49.0%	48.0%	47.3%	52.8%
Native	37.0%	42.8%	45.4%	46.2%	45.4%	42.3%	50.6%
Foreign-Born	54.5%	59.3%	58.6%	59.4%	56.4%	61.7%	60.4%

Table 3.1. Resident Population and Workers by Place of Birth, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Tables B05002 and B08111)

Resident Population and Workers by Age

The elder population among the counties ranged from 12.6% of those 16 years old and over in Houston to 19.3% in Broward County (*Figure 3.2* and *Table 3.2*). The proportion of the population 16 to 24 years old was largest in Orange County, Florida (Orlando), at 17.2% of the total. In all of the counties, workers were concentrated in the age range from 25 to 64 years old – from 81.4% in San Diego to 85.2% in Seattle and Miami-Dade County; Orlando had the lowest proportion of workers who were elderly (3.7%). In Seattle, the highest proportion of the working age population worked (64.7%), compared to Miami-Dade County (56.5%), where the lowest proportion worked. In fact, Miami-Dade County had the lowest proportions of workers in the working age population across all three age categories (*Table 3.2*).



Figure 3.2. Residents 16 Years Old and Over, by Age, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table DP05).

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	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Resident Population and Workers	Dade	FL	ough	FL	Diego	ТΧ	WA
Total Resident Population 16 years old and over	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
- 16 to 24 years old	13.9%	13.4%	15.0%	17.2%	16.7%	16.5%	13.1%
- 25 to 64 years old	67.4%	67.4%	68.0%	68.9%	67.2%	70.9%	71.6%
 - 65 years old and over 	18.7%	19.3%	16.9%	13.9%	16.1%	12.6%	15.3%
Workers	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
- 16 to 24 years old	9.9%	9.9%	12.0%	13.0%	14.2%	12.5%	10.3%
- 25 to 64 years old	85.2%	84.4%	83.6%	83.4%	81.4%	83.2%	85.2%
 - 65 years old and over 	4.9%	5.7%	4.4%	3.7%	4.4%	4.2%	4.4%
Workers as a % of Resident Population	56.5%	59.6%	59.8%	61.3%	59.7%	62.4%	64.7%
- 16 to 24 years old	40.5%	44.2%	47.7%	46.3%	50.9%	47.5%	51.1%
- 25 to 64 years old	71.4%	74.6%	73.6%	74.2%	72.4%	73.3%	77.0%
- 65 years old and over	14.8%	17.7%	15.4%	16.1%	16.3%	20.9%	18.8%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Tables DP05 and B08101).

Workers by Means of Transportation to Work

The means of transportation to work used by the residents of Seattle (King County, WA) in 2017 was significantly different from the other six counties (*Table 3.3*). Public transportation was used by 146,688 (13.1%) of its resident workers; Miami-Dade County was a distant second place at 65,521 (5.2%). Another 5.1% of Seattle residents walked to work and 1.6% used a bicycle – both were well above the rates found in the peer counties. As a result, the proportion of residents driving a car, truck or van to work in Seattle (72.6%) was significantly lower than in any of the other counties – the closest competitor was San Diego (84.8%). Carpooling in Seattle (9.6%) was third among the seven counties.



Figure 3.3. Workers by Means of Transportation to Work, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301).

	Miami-	Broward,	Hillsbor-	Orange,	<u>,</u>		
Means of Transportation to Work	Dade	FL	ough	FL	San Diego	Harris, TX	King, WA
Car, truck, or van	85.8%	89.0%	88.9%	88.7%	84.8%	90.2%	72.6%
Drove alone	76.8%	80.0%	80.2%	79.0%	76.0%	79.3%	63.0%
Carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
Public transportation	5.2%	2.8%	1.5%	2.7%	3.1%	2.7%	13.1%
Bus or trolley bus	4.5%	2.6%	1.4%	2.6%	2.6%	2.6%	12.0%
Streetcar or trolley car	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%
Subway or elevated	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%
Railroad	0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%
Ferryboat	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Taxicab	0.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%
Motorcycle	0.2%	0.2%	0.3%	0.3%	0.6%	0.1%	0.3%
Bicycle	0.6%	0.6%	0.7%	0.5%	0.7%	0.3%	1.6%
Walked	2.1%	1.2%	1.5%	1.2%	2.9%	1.5%	5.1%
Other means	0.9%	1.2%	0.9%	1.2%	0.9%	1.3%	0.7%
Worked at home	4.9%	4.9%	6.2%	5.3%	7.0%	3.7%	6.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total Number of Workers	1,251,193	912,672	642,522	631,669	1,575,008	2,140,881	1,117,565

Table 3.3. Means of Transportation to Work, All Workers, 2017 (% of all workers)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301).

Means of Transportation to Work by Age

Use of public transportation in Seattle was highest (18.9%) among resident workers 16 to 24 years old; Miami-Dade County was second, with less than half the rate in that age group (9.1%). Since more than 80% of all resident workers were 25 to 64 years old, the 4.8% who used public transportation in Miami-Dade County, second among the selected counties, represented a relatively high number of workers (50,896). Still, Seattle stood out with 12.7% of workers in that age range using public transportation, over twice the rate in Miami-Dade County (*Table 3.4*).

	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Means of Transportation to Work and Age	Dade	FL	ough	FL	Diego	TX	WA
Car, truck, or van – drove alone	76.8%	80.0%	80.1%	79.0%	76.0%	79.3%	63.0%
- 16 to 24 years	70.1%	72.3%	75.5%	76.1%	66.0%	73.2%	53.8%
- 25 to 64 years	77.7%	81.0%	80.8%	79.6%	78.0%	80.3%	64.0%
- 65 years and over	75.4%	79.1%	79.9%	75.2%	70.1%	78.6%	65.9%
Car, truck, or van – carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
- 16 to 24 years	11.4%	13.6%	11.8%	11.8%	11.1%	16.5%	10.7%
- 25 to 64 years	8.7%	8.7%	8.5%	9.4%	8.5%	10.2%	9.6%
- 65 years and over	7.4%	6.3%	5.3%	7.6%	7.8%	7.3%	6.3%
Public transportation (excluding taxicab)	5.2%	2.8%	1.5%	2.7%	3.1%	2.7%	13.1%
- 16 to 24 years	9.1%	6.0%	3.1%	4.3%	5.1%	3.3%	18.9%
- 25 to 64 years	4.8%	2.5%	1.2%	2.4%	2.7%	2.6%	12.7%
- 65 years and over	5.4%	2.1%	1.1%	2.6%	3.1%	3.2%	8.6%

Table 3.4. Means of Transportation to Work, by Worker Age, 2017 (% of all workers by age)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08101).

Means of Transportation to Work by Place of Birth

In all seven counties, foreign-born workers had lower rates of driving alone to work and higher carpooling rates than native workers (*Table 3.5*). In six of the seven counties, foreign-born workers had higher rates of public transportation use than native workers; in Miami-Dade County, more than 5% of both native and foreign-born workers used public transportation in 2017. The rate of public transportation use in Seattle was more than twice as high for both native and foreign-born workers.

Table 3.5. Weans of Transportation to work,	by worke	Place OF B	irtn, 2017	(% 01 all W	orkers by	place of t	Dirtri)
Means of Transportation to Work	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
and Place of Birth	Dade	FL	ough	FL	Diego	ТХ	WA
Car, truck, or van – drove alone	76.8%	80.0%	80.1%	79.0%	76.0%	79.3%	63.0%
- Native	77.9%	81.0%	81.6%	80.7%	76.6%	81.9%	63.8%
- Foreign-Born	76.2%	78.7%	74.3%	73.9%	74.4%	74.2%	60.7%
Car, truck, or van – carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
- Native	8.2%	8.1%	7.4%	8.2%	7.6%	8.5%	8.3%
- Foreign-Born	9.4%	10.3%	14.4%	14.0%	12.1%	15.4%	13.4%
Public transportation (excluding taxicab)	5.2%	2.8%	1.5%	2.7%	3.1%	2.7%	13.1%
- Native	5.3%	2.3%	1.4%	2.2%	2.7%	2.6%	13.0%
- Foreign-Born	5.2%	3.5%	1.7%	3.9%	4.1%	3.0%	13.6%

Table 3.5. Means of Transportation to Work, by Worker Place of Birth, 2017 (% of all workers by place of birth)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08111).

Workers by Annual Earnings

Miami-Dade County had the highest share of workers in the lowest earning level (under \$25,000) and the lowest share of workers in the highest earning level (\$75,000 or more) among the seven counties (*Table A-1* and *Figure 3.4*).





Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08119).

Means of Transportation to Work by Worker Earnings

Public transportation use declined with increased earnings in all seven counties in 2017 (**Table 3.6**). Seattle once again had the highest rates of public transportation use across all earnings levels; Miami-Dade County came in second place in all earnings levels. In the lowest level, which represented 42.8% of all Miami-Dade County resident workers, 8.1% used public transportation to get to work in 2017, compared to 14.8% in Seattle. Seattle had the highest proportion of workers earning \$75,000 or more (32.5%), and 12.0% of those used public transportation, compared to 2.1% for Miami-Dade County workers in the highest earnings level.

						<u> </u>	
	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Means of Transportation to Work and Earnings	Dade	FL	ough	FL	Diego	TX	WA
Car, truck, or van – drove alone	76.8%	80.0%	80.1%	79.0%	76.0%	79.3%	63.0%
- \$1 to \$24,999, or loss	71.1%	72.7%	73.4%	73.7%	67.9%	71.7%	57.1%
- \$25,000 to \$74,999	81.2%	84.4%	84.2%	83.5%	80.1%	83.0%	65.4%
- \$75,000 or more	80.9%	83.6%	82.8%	79.1%	80.2%	85.0%	64.5%
Car, truck, or van – carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
- \$1 to \$24,999, or loss	10.7%	12.2%	12.3%	12.3%	10.8%	15.1%	10.4%
- \$25,000 to \$74,999	8.0%	7.9%	7.6%	8.5%	8.8%	9.6%	9.8%
- \$75,000 or more	6.1%	5.1%	4.7%	6.0%	6.0%	5.8%	8.6%
Public transportation (excluding taxicab)	5.2%	2.8%	1.5%	2.7%	3.1%	2.7%	13.1%
- \$1 to \$24,999, or loss	8.1%	5.4%	3.1%	5.2%	5.2%	3.9%	14.8%
- \$25,000 to \$74,999	3.4%	1.5%	0.6%	1.2%	2.2%	2.1%	13.0%
- \$75.000 or more	2.1%	0.7%	0.5%	0.4%	1.4%	2.0%	12.0%

Table 3.6. Means of Transportation to Work, by Worker Earnings, 2017 (% of all workers by earnings)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08119).
Means of Transportation to Work by Class of Worker

Self-employed workers, workers in non-profit organizations, and unpaid family workers generally carpooled at higher rates than private for profit wage and salary workers (*Table 3.7*), but there were no standouts for the use of public transportation. Unpaid family workers represented less than two-tenths of one percent of all workers for all counties. In keeping with previous observations, Seattle had much higher rates of public transportation use across all classes of workers with the single exception of self-employed workers in own not-incorporated businesses in Miami-Dade County. In fact, Miami-Dade County had the highest proportion of self-employed workers in own not-incorporated businesses (7.7%) among all of the counties, followed by San Diego (7.4%). San Diego also had a high proportion of Federal Government workers (8.6%).

	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Means of Transportation to Work and Class	Dade	FL	ough	FL	Diego	TX	WA
Car, truck, or van – drove alone	76.8%	80.0%	80.1%	79.0%	76.0%	79.3%	63.0%
- Private for-profit wage and salary workers	79.2%	81.1%	81.2%	80.3%	79.3%	80.4%	64.2%
- Self-employed in own incorporated business	66.5%	70.8%	69.1%	63.0%	65.1%	69.8%	60.3%
- Private not-for-profit wage and salary workers	75.8%	81.0%	82.3%	81.6%	78.7%	80.6%	61.8%
 Local government workers 	82.8%	88.3%	86.3%	85.5%	81.0%	84.7%	69.4%
- State government workers	79.0%	84.2%	81.4%	84.5%	74.8%	82.5%	55.4%
- Federal government workers	79.6%	87.7%	83.5%	81.8%	66.3%	84.9%	64.3%
- Self-employed in own not-incorporated business	58.9%	65.4%	61.1%	59.3%	58.3%	63.9%	53.4%
- Unpaid family workers	56.1%	60.0%	52.9%	58.9%	49.3%	53.5%	43.9%
Car, truck, or van – carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
- Private for-profit wage and salary workers	8.7%	8.8%	8.8%	9.5%	8.8%	10.9%	10.0%
- Self-employed in own incorporated business	10.2%	9.5%	7.8%	12.1%	8.3%	10.6%	8.5%
- Private not-for-profit wage and salary workers	11.1%	11.4%	9.2%	10.3%	9.8%	9.1%	9.1%
- Local government workers	9.0%	7.4%	9.4%	9.3%	8.1%	9.5%	8.3%
- State government workers	11.0%	9.7%	9.2%	7.5%	8.9%	10.5%	8.4%
- Federal government workers	8.2%	6.1%	7.7%	11.6%	8.6%	8.2%	10.0%
- Self-employed in own not-incorporated business	8.3%	11.2%	9.2%	11.0%	9.1%	13.4%	7.9%
- Unpaid family workers	15.4%	9.0%	11.1%	12.3%	15.4%	19.1%	16.7%
Public transportation (excluding taxicab)	5.2%	2.8%	1.5%	2.7%	3.1%	2.7%	13.1%
- Private for-profit wage and salary workers	5.3%	3.3%	1.6%	3.1%	3.2%	2.8%	13.6%
- Self-employed in own incorporated	1.6%	0.4%	0.3%	0.3%	1.1%	0.6%	2.9%
- Private not-for-profit wage and salary workers	6.4%	2.1%	0.8%	1.7%	3.5%	3.7%	15.5%
- Local government workers	4.2%	1.8%	1.4%	1.8%	3.7%	2.7%	15.2%
- State government workers	4.5%	2.5%	2.3%	2.2%	5.6%	3.0%	18.7%
- Federal government workers	7.3%	1.9%	2.0%	1.2%	2.2%	2.3%	14.8%
- Self-employed in own not-incorporated business	7.4%	2.0%	1.2%	0.8%	1.7%	1.6%	4.0%
- Unpaid family workers	1.7%	4.2%	1.6%	3.6%	2.7%	1.6%	9.9%

Table 3.7. Means of Transportation to Work, by Class of Worker, 2017 (% of all workers by class)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08128).

Workers Who Did Not Work at Home by Travel Time to Work

More than half (53.5%) of Miami-Dade County workers spent 30 minutes or more to get to work, the highest proportion among the seven counties reviewed (*Table A-1* and *Figure 3.5*). In contrast, only 13.6% of Miami-Dade County workers who did not work at home were able to get to work in less than 15 minutes, the lowest proportion among the peer counties.

By comparison, only 36.4% of workers in San Diego had travel times to work of 30 minutes or more, and more than one in five workers in San Diego (21.6%) had a commute of less than 15 minutes in 2017.



Figure 3.5. Workers by Travel Time to Work, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08134).

Means of Transportation to Work by Travel Time to Work

For workers who took 60 minutes or more to get to work (*Table 3.8*), Seattle had the highest share of workers who took public transportation (38.8%) among the seven counties, and the lowest share of workers who drove alone to work (45.7%). Orlando was in second place on both measures (21.8% and 60.1%, respectively), while Miami-Dade County was in the middle of the range on both measures (18.5% and 69.0%).

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Means of Transportation to Work	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
and Travel Time	Dade	FL	ough	FL	Diego	ΤX	WA
Car, truck, or van – drove alone	80.8%	84.1%	85.4%	83.4%	81.7%	82.4%	67.4%
- Less than 15 minutes	75.1%	81.1%	81.2%	81.5%	77.7%	80.3%	71.7%
- 15 to 29 minutes	84.4%	86.5%	87.3%	86.5%	85.8%	85.5%	73.6%
- 30 to 59 minutes	83.3%	86.5%	87.5%	84.8%	82.5%	83.1%	64.9%
- 60 or more minutes	69.0%	70.5%	77.8%	60.1%	64.8%	72.8%	45.7%
Car, truck, or van – carpooled	9.4%	9.5%	9.4%	10.2%	9.5%	11.3%	10.2%
- Less than 15 minutes	9.3%	10.3%	10.0%	9.5%	8.7%	10.9%	8.6%
- 15 to 29 minutes	9.1%	9.3%	9.0%	9.9%	9.1%	10.3%	9.8%
- 30 to 59 minutes	9.5%	9.1%	9.0%	10.7%	10.5%	11.8%	11.3%
- 60 or more minutes	10.2%	9.8%	10.9%	11.6%	10.4%	13.4%	10.8%
Public transportation (excluding taxicab)	5.5%	2.9%	1.6%	2.8%	3.3%	2.8%	14.0%
- Less than 15 minutes	1.8%	0.9%	0.8%	0.9%	0.8%	0.7%	1.9%
- 15 to 29 minutes	2.5%	1.3%	0.7%	1.1%	1.2%	1.4%	7.8%
- 30 to 59 minutes	5.3%	2.6%	1.8%	2.5%	4.4%	3.1%	19.4%
- 60 or more minutes	18.5%	15.6%	7.0%	21.8%	19.7%	10.5%	38.8%

Table 2.0	Moone of Trance	artation to Mark	hu	Traval T	ima ta Mark	2017	0/afall	workore by	(traval time)
<i>Tuble 5.0.</i>	IVIEALIS UL LLALIS		, UY	naven	IIIIe LU WUIK	, 2017 (/0 UI all	workers by	y liaver line)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08134).

Means of Transportation to Work by Householder Tenure

In every county, owners were more likely to drive alone to work than renters, while renters were more likely to use public transportation (*Table 3.9*). Renters also led owners in the use of carpooling, except in Seattle, where the share of owners carpooling was slightly higher (9.8% vs. 9.3%).

	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Means of Transportation to Work and Tenure	Dade	FL	ough	FL	Diego	TX	WA
Car, truck, or van – drove alone	77.1%	80.1%	80.5%	79.1%	77.5%	79.4%	63.3%
- Owner-occupied household	81.2%	82.6%	82.4%	81.1%	79.6%	82.3%	68.7%
- Renter-occupied household	71.8%	76.0%	77.7%	76.6%	75.2%	75.4%	55.3%
Car, truck, or van – carpooled	9.0%	9.0%	8.8%	9.7%	8.8%	10.9%	9.6%
- Owner-occupied household	8.6%	7.9%	7.6%	8.7%	8.3%	9.5%	9.8%
- Renter-occupied household	9.4%	10.9%	10.5%	11.0%	9.4%	12.8%	9.3%
Public transportation (excluding taxicab)	5.2%	2.8%	1.4%	2.7%	3.0%	2.7%	13.1%
- Owner-occupied household	2.8%	1.6%	0.7%	1.2%	1.8%	1.8%	9.3%
- Renter-occupied household	8.2%	4.7%	2.5%	4.4%	4.4%	4.0%	18.5%

Table 3.9. Means of Transportation to Work of Workers in Households, by Tenure, 2017 (% of all workers by tenure)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08137).

Means of Transportation to Work by Number of Vehicles in Household

The share of workers living in households with no vehicles available ranged from a low of 2.2% in San Diego to a high of 5.2% in Seattle (*Table A-1*). Miami-Dade County had 53,445 workers residing in households with no vehicle (4.3%). Almost one in five Seattle residents with only one vehicle (19.4%) used public transportation in 2017 (*Table 3.10*). This compared to 7.2% for Miami-Dade County, in second place. Seattle workers in households with more than one vehicle also used public transportation at rates more than three times those of the other counties.

Means of Transportation to Work	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
and Travel Time	Dade	FL	ough	FL	Diego	TX	WA
Car, truck, or van – drove alone	77.1%	80.1%	80.5%	79.1%	77.5%	79.4%	63.3%
- No vehicle	20.3%	33.2%	33.5%	30.2%	36.7%	25.4%	14.5%
- 1 vehicle	72.5%	74.9%	77.9%	74.8%	71.5%	76.4%	52.9%
- 2 vehicles	81.4%	82.9%	82.9%	82.5%	79.6%	82.4%	69.2%
- 3 or more vehicles	83.1%	84.9%	84.0%	82.6%	80.5%	82.6%	72.7%
Car, truck, or van – carpooled	9.0%	9.0%	8.8%	9.7%	8.8%	10.9%	9.6%
- No vehicle	10.1%	15.3%	20.4%	16.7%	10.2%	18.7%	4.3%
- 1 vehicle	9.1%	10.7%	9.7%	11.5%	9.2%	11.7%	9.2%
- 2 vehicles	8.4%	8.2%	7.9%	8.4%	8.0%	9.7%	9.8%
- 3 or more vehicles	9.4%	8.2%	8.2%	9.4%	9.5%	11.1%	10.7%
Public transportation (excluding taxicab)	5.2%	2.8%	1.4%	2.7%	3.0%	2.7%	13.1%
- No vehicle	39.3%	25.4%	18.6%	31.1%	26.5%	28.6%	44.2%
- 1 vehicle	7.2%	4.2%	1.7%	4.2%	5.3%	3.4%	19.4%
- 2 vehicles	2.7%	1.6%	0.7%	1.1%	2.0%	1.6%	9.4%
- 3 or more vehicles	2.0%	1.0%	0.5%	0.7%	1.7%	1.3%	7.2%

Table 3.10. Means of Transportation to Work, by Number of Vehicles in Household, 2017 (% of all workers by vehicles)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08141).

Means of Transportation to Work by Industry Sector

When compared to peer counties, Miami-Dade County generally had the second highest rates of public transportation use among workers across all economic sectors, following Seattle (*Table 3.11*). Public transportation use in Miami-Dade County was especially high for the Arts and Entertainment (10.9%) and Other Services (8.2%) sectors. Carpooling rates were highest in most counties in the Agriculture, Construction and Other Services sectors.

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	Miami-	Broward,	Hillsbor-	Orange,	San	Harris,	King,
Means of Transportation to Work and Class	Dade	FL	ough	FL	Diego	ТХ	WA
Car, truck, or van – drove alone	76.8%	80.0%	80.1%	79.0%	76.0%	79.3%	63.0%
 Agriculture, forestry, fishing & hunting, & mining 	56.7%	76.4%	54.1%	65.7%	66.4%	85.5%	53.1%
- Construction	72.8%	75.6%	75.0%	70.8%	78.0%	72.3%	75.6%
- Manufacturing	81.2%	81.8%	83.1%	78.6%	81.4%	84.7%	74.5%
- Wholesale trade	80.6%	80.3%	83.9%	79.2%	75.3%	84.5%	73.1%
- Retail trade	77.4%	80.0%	81.2%	79.7%	76.2%	79.1%	59.7%
 Transportation and warehousing, and utilities 	83.7%	83.5%	84.1%	83.7%	81.8%	82.8%	73.0%
- Information	79.3%	81.9%	81.8%	77.3%	77.3%	80.3%	56.8%
 Finance, insurance & real estate, rental & leasing 	79.3%	81.9%	79.9%	77.5%	75.8%	80.1%	62.2%
- Professional, scientific and management	73.8%	74.3%	75.2%	73.5%	72.7%	75.1%	54.1%
- Educational services, health care, social assistance	81.2%	84.5%	85.2%	83.8%	79.5%	82.3%	64.9%
- Arts, entertainment, recreation, accommodation	67.9%	75.4%	76.9%	79.8%	75.2%	72.3%	57.6%
- Other services (except public administration)	70.8%	76.2%	76.3%	76.9%	75.7%	78.6%	67.1%
- Public administration	82.5%	90.1%	86.5%	85.4%	80.2%	85.7%	59.9%
- Armed forces	83.6%	86.9%	80.5%	73.0%	52.0%	84.4%	64.8%
Car, truck, or van – carpooled	8.9%	9.0%	8.8%	9.7%	8.9%	10.9%	9.6%
- Agriculture, forestry, fishing & hunting, & mining	23.4%	8.6%	23.6%	12.6%	13.7%	8.0%	9.3%
- Construction	11.5%	14.6%	14.9%	18.7%	12.8%	19.8%	13.4%
- Manufacturing	9.3%	8.0%	8.4%	10.0%	9.3%	9.5%	10.7%
- Wholesale trade	8.6%	8.7%	5.3%	8.4%	9.1%	8.0%	8.6%
- Retail trade	9.0%	8.7%	8.6%	9.1%	9.0%	11.4%	10.2%
- Transportation and warehousing, and utilities	6.9%	7.2%	6.8%	7.8%	7.7%	7.9%	8.1%
- Information	7.4%	5.9%	4.8%	7.2%	6.9%	7.0%	8.7%
- Finance, insurance & real estate, rental & leasing	6.9%	5.6%	6.3%	7.3%	6.3%	6.2%	7.7%
- Professional. scientific and management	8.8%	9.6%	9.1%	8.6%	7.8%	10.5%	9.4%
- Educational services, health care, social assistance	9.3%	9.2%	8.1%	9.3%	8.7%	9.2%	9.3%
- Arts, entertainment, recreation, accommodation	9.2%	9.8%	9.7%	10.0%	9.4%	14.1%	9.9%
- Other services (except public administration)	9.1%	11.4%	10.0%	11.0%	10.4%	12.0%	8.6%
- Public administration	7 3%	5 3%	6.6%	8.2%	8.1%	7 9%	8 4%
- Armed forces	7 7%	5.6%	9.1%	22.0%	8.5%	6.3%	5 5%
Public transportation (excluding taxicab)	5.2%	2.8%	1.5%	22.0%	3.1%	2.7%	13.1%
- Agriculture forestry fishing & hunting & mining	3.2%	2.0%	1.0%	8.2%	4 1%	2.7%	11 9%
- Construction	2.0% 4.7%	2.6%	0.9%	1 3%	1 3%	1 3%	4 2%
- Manufacturing	3.0%	1.6%	0.5%	2.0%	2.0%	1.3%	5.5%
- Wholesale trade	2.6%	1.0%	0.5%	0.8%	2.070	1.5%	6.3%
- Retail trade	6.4%	1.7%	1 7%	2 0%	1 9%	2.0%	15 7%
Transportation and warehousing and utilities	2 20/	4.270	1.770	1.0%	4.570 0 10/	2.5%	10.7%
- mansportation and wateriousing, and utilities	2.3/0	1.0/0	1.0%	2.00/	2.1/0	2.0%	10.470
	2.7%	1.3%	0.7%	2.0%	1.0%	2.0%	12.8%
- Finance, insurance & real estate, rental & leasing	3.0%	1.0%	0.5%	1.5%	1.4%	2.1%	17.0%
- Professional, sciencific and management	4.7%	2.3%	1.5%	1.9%	2.5%	3.5%	17.0%
- Educational services, nealth care, social assistance	4.1%	2.1%	1.3%	1./%	2.8%	2.8%	13.0%
- Arts, entertainment, recreation, accommodation	10.9%	5.8%	4.0%	5.1%	5.7%	5.0%	17.2%
- Other services (except public administration)	8.2%	3.9%	1.2%	2.6%	3.4%	2.5%	9.2%
	5.8%	1.8%	2.0%	1.2%	3.9%	3.1%	19.0%
- Armed forces	0.6%	0.0%	1.4%	0.0%	1./%	0.9%	8.3%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08126).

Section 4 Miami-Dade County Traffic Analysis Districts

The Miami-Dade County Transportation Planning Organization (TPO) identified 42 Traffic Analysis Districts (TADs) to facilitate transportation planning in the County. For this report, 2017 American Community Survey (ACS) 5-year block group data was aggregated up to TAD geographies and tabulated to provide an overview of the means of transportation to work for workers 16 years and over residing in Miami-Dade County, by TAD.

The previous two sections, which analyzed the United States, the State of Florida, Miami-Dade County and six peer counties, included cross-tabulations of the means of transportation to work and worker characteristics. The analysis for the County's TADs in this section is limited to the means of transportation to work for all resident workers, due to the unavailability of cross-tabulations for the block group data that was used to generate aggregates for the TADs.

The TADs vary significantly in geographic size and in the number of workers. The number of component block groups ranges from 12 in Allapattah (TAD 22) to 94 in Little Havana (TAD 23) (*Table 4.1*). The number of workers 16 years and over in 2017 in each TAD also varied widely, from 9,881 in Pinecrest (TAD 31) to 71,621 in Little Havana (TAD 23).

Public transportation use was highest among residents of ten TADs (23, 19, 20, 21, 22, 13, 14, 8, 10 and 11), beginning just southwest of downtown Miami, in Coral Gables, and moving north along both sides of I-95. Residents of Little Haiti (TAD 13) and Liberty City (TAD 14), located on either side of I-95 between State Road 112 and NW 79th Street, had the highest rates of public transportation use (17.1% and 16.5%, respectively), more than three times the countywide average of 5.2%. Residents of Little Havana (TAD 23), the district with the largest number of workers, also had one of the highest rates of public transportation use (11.8%).

Residents of TADs 18 and 19, an area with 48,737 workers that encompasses South Beach and Downtown/Brickell, had much higher than average rates of walking to work (16.6% and 12.6%, respectively), compared to the County average of only 2.1%. TAD 18 had the lowest rate of driving alone to work (47.1%), and TAD 19 (61.1%) was well below the County average (76.8%).

TAD 40 includes part of Florida City, where the planned South Dade Transitway ends. The means of transportation to work for residents of this TAD stand out with the County's highest rate of carpooling (21.4%), while the use of public transportation (10.4%), and other means of transportation (4.2%) are both twice the County averages. Residents of TAD 40 also drove alone to work at a rate (57.6%) significantly below the County average.



		Block		Car, truck, or van						Worked
TAD	Description	Group Count	Total Workers	Total	Drove alone	Car- pooled	Public Transpor -tation	Walked	Other means	at home
01	Aventura	77	50,423	84.5%	77.3%	7.3%	5.0%	2.3%	1.7%	6.4%
02	Norwood	29	27,481	90.8%	83.1%	7.6%	5.6%	0.4%	1.7%	1.5%
03	Miami Gardens	41	35,931	93.0%	82.9%	10.0%	4.2%	0.8%	0.6%	1.4%
04	Miami Lakes	44	49,752	93.4%	85.4%	8.0%	1.4%	0.5%	0.9%	3.8%
05	Hialeah Gardens	27	38,890	84.7%	74.7%	10.0%	1.1%	1.0%	0.5%	12.6%
06	Hialeah (North)	75	59,882	87.1%	79.0%	8.1%	2.4%	1.3%	1.0%	8.2%
07	Miami Shores	46	27,613	89.4%	81.3%	8.1%	7.3%	0.6%	1.2%	1.5%
08	Opa-Locka	53	37,547	80.5%	72.2%	8.3%	9.4%	2.3%	3.0%	4.9%
09	Golden Glades	26	14,659	88.5%	79.6%	8.9%	6.1%	2.0%	1.7%	1.7%
10	North Beach	27	26,054	79.7%	69.6%	10.1%	13.7%	1.3%	2.7%	2.6%
11	West Little River	31	20,313	67.7%	60.8%	6.9%	11.5%	5.1%	5.9%	9.7%
12	Middle Beach	37	23,271	74.3%	66.4%	7.9%	7.0%	4.4%	4.8%	9.5%
13	Little Haiti	35	18,141	71.8%	64.4%	7.3%	17.1%	3.3%	3.8%	4.0%
14	Liberty City	44	18,168	77.3%	69.8%	7.5%	16.5%	2.9%	2.0%	1.4%
15	Hialeah (South)	22	18,886	88.9%	81.2%	7.7%	2.4%	1.5%	1.0%	6.2%
16	Airport/Springs	27	17,740	90.8%	81.8%	9.0%	2.7%	1.2%	0.9%	4.4%
17	Doral/Medley	24	27,405	90.0%	80.3%	9.7%	0.8%	1.1%	1.0%	7.0%
18	South Beach	47	24,399	53.2%	47.1%	6.0%	6.5%	16.6%	12.5%	11.2%
19	Downtown/Brickell	42	24,338	66.1%	61.1%	5.0%	9.5%	12.6%	2.7%	9.0%
20	Omni/Midtown	24	13,213	71.1%	65.0%	6.1%	12.7%	4.9%	5.0%	6.3%
21	Civic Center	17	10,800	77.0%	63.7%	13.3%	13.8%	4.1%	4.4%	0.7%
22	Allapattah	12	10,942	84.1%	75.4%	8.7%	10.1%	2.0%	2.3%	1.5%
23	Little Havana	94	71,621	80.4%	70.3%	10.1%	11.8%	3.1%	1.6%	3.0%
24	Coral Gables	79	61,956	88.3%	79.8%	8.5%	4.3%	1.8%	1.5%	4.1%
25	Westchester	73	68,019	91.3%	83.3%	8.0%	2.4%	1.9%	0.9%	3.5%
26	West Dade	37	44,995	93.1%	84.1%	9.0%	1.1%	0.4%	0.8%	4.6%
27	West Kendall	56	61,518	93.4%	87.1%	6.3%	1.6%	0.6%	0.8%	3.6%
28	East Kendall	40	35,375	91.3%	82.3%	9.0%	2.3%	0.7%	1.2%	4.4%
29	South Miami	35	24,794	80.4%	72.7%	7.7%	5.4%	5.3%	2.6%	6.2%
30	Key/Grove	33	17,642	80.6%	74.8%	5.8%	3.0%	1.9%	3.3%	11.3%
31	Pinecrest	16	9,881	80.3%	76.0%	4.3%	5.3%	0.2%	1.9%	12.4%
32	Killian	38	23,260	89.6%	82.0%	7.6%	4.4%	1.4%	0.6%	4.0%
33	Hammocks	49	43,550	92.2%	83.6%	8.6%	2.4%	1.0%	1.8%	2.6%
34	Country Walk	35	31,885	93.2%	84.0%	9.1%	2.3%	0.4%	1.7%	2.4%
35	Perrine	22	18,706	85.2%	75.9%	9.3%	9.2%	0.5%	2.9%	2.2%
36	Palmetto Bay	21	12,043	90.7%	76.7%	14.0%	2.7%	0.2%	0.9%	5.5%
37	Cutler Bay	38	26,588	89.0%	77.7%	11.3%	3.2%	0.7%	2.4%	4.7%
38	Redlands/Southridge	27	21,205	90.1%	78.6%	11.5%	3.6%	0.7%	2.6%	3.0%
39	Princeton-Naranja	31	31,677	89.6%	73.2%	16.3%	3.9%	0.4%	1.8%	4.4%
40	Homestead-Florida City	25	16,438	79.4%	57.6%	21.8%	10.4%	1.6%	4.2%	4.4%
41	Homestead-Speedway	19	20,834	89.5%	75.0%	14.4%	4.2%	0.5%	1.4%	4.4%
42	Everglades (non-urban)	19	13,358	89.8%	78.4%	11.4%	1.6%	0.6%	2.3%	5.8%
	County	1.594	1.251.193	85.8%	76.8%	8.9%	5.2%	2.1%	2.0%	4.9%

Table 4.1. Workers by Means of Transportation to Work, by Traffic Analysis District (TAD)

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data for Block Groups, Table B08301). *Figure 4.1.* Workers by Means of Transportation to Work, by Traffic Analysis District (TAD)

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Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data for Block Groups, Table B08301).

Section 5 SMART Plan Corridors

On April 21, 2016, the Miami-Dade Transportation Planning Organization (TPO) Governing Board officially adopted the proposed Strategic Miami Area Rapid Transit (SMART) Plan. The SMART Plan selected six of the rapid transit corridors identified in the Miami-Dade County People's Transportation Plan (PTP), along with a network system of Bus Express Rapid Transit (BERT) service, in order to implement mass transit projects in Miami-Dade County. The six corridors are currently at various stages of review for implementation.

For this study, the TPO requested an analysis of the means of transportation to work for workers who reside within a half-mile buffer area on either side of the existing Metrorail corridor and each of the six SMART Plan corridors. A county-wide overview of the corridors is included in *Map 5.1*; detailed modal split maps for each corridor can be found in the **Appendices**.

The corridors are listed below, with a reference to the individual corridor overview maps that follow.

- Metrorail Corridor (*Map 5.2*)
- Beach Corridor from downtown Miami to the Miami Beach Convention Center (Map 5.3)
- East-West Corridor from the Miami Intermodal Center to Florida International University (*Map* 5.4)
- Kendall Corridor from Dadeland area Metrorail stations to Krome Avenue (Map 5.5)
- North Corridor from Martin L. King Jr. Metrorail station to NW 215th Street (*Map 5.6*)
- Northeast Corridor from downtown Miami to the City of Aventura (Map 5.7)
- South Dade Transitway from Dadeland South Metrorail station to SW 344th Street Transit Terminal in Florida City (*Map 5.8*)



The means of transportation to work for Miami-Dade County residents 16 years old and over living within the buffer areas around each corridor was tabulated from 2017 American Community Survey 5-year block group data. Please note, however, that each corridor buffer area was defined independently. Since each of the corridors is contiguous to at least one other corridor, a small portion of the buffer area overlapped with the neighboring corridor buffer area. As a result, the totals for the seven corridors in **Table 5.1** reflect a small amount of double-counting, although those amounts are insignificant in the aggregate (**Appendices** – Methodology).

The seven selected corridors vary significantly in length, ranging from the North Corridor at 8.9 miles to the Metrorail Corridor at 24.8 miles. The selected corridors and the buffer areas of a half-mile on either side included a little over a quarter of the resident workers in Miami-Dade County in 2017 (*Table 5.1*). The number of workers residing in the buffer areas around each of the corridors ranged from fewer than 20,000 in the North Corridor to more than 90,000 in the Metrorail Corridor. The second largest was the Northeast Corridor, with a little over 50,000 workers living within a half-mile on either side of the proposed route.

Metrorail Corridor



The **Metrorail Corridor** is 24.8 miles long and had the largest number of workers (94,609) residing within its buffer area in 2017. Per mile of corridor, there are 3,821 workers residing in the ½ mile buffer area of the Metrorail Corridor. Workers residing adjacent to this corridor used public transportation at a rate (9.4%) significantly higher than the County average (5.2%). Also of note, the proportion walking to work (5.6%) was more than twice the County average (2.1%).

Beach Corridor



The **Beach Corridor** is 9.4 miles long and the buffer area had 36,550 resident workers. Per mile of corridor, there are 3,884 workers residing in the ½ mile buffer area of the Beach Corridor. It had the lowest rate of car use (59.8%) and the highest proportion of workers who walked to work (13.6%), along with the second highest rate of public transportation use (9.8%).

East-West Corridor



The **East-West Corridor**, 11.5 miles long with 38,559 resident workers, stood out with the second highest rate of workers driving a car, truck or van to work (90.3%), and 83.5% drove alone. Correspondingly, this corridor had the lowest rate of public transportation use (3.2%) among the seven corridors. Per mile of corridor, there are 3,362 workers residing in the ½ mile buffer area of the East-West Corridor.

Kendall Corridor



The **Kendall Corridor** is 9.7 miles long and the buffer area was home to 40,058 resident workers in 2017. Per mile of corridor, there are 4,117 workers residing in the ½ mile buffer area of the Kendall Corridor. It had the highest rate of workers driving a car, truck or van to work (90.5%), and 83.9% drove alone. Correspondingly, this corridor had the second lowest rate of public transportation use (4.1%) among the seven corridors.

North Corridor



The **North Corridor** is 8.9 miles long and the buffer area had the smallest absolute number of resident workers (19,571) among the seven corridors. Per mile of corridor, there are 2,192 workers residing in the ½ mile buffer area of the North Corridor. It had high rates of car, truck or van use (89.4%), and driving alone (82.4%), and the lowest rates of walking (0.9%) and working at home (1.8%).

Northeast Corridor



The **Northeast Corridor** is 19 miles long and the buffer area had the second largest number of resident workers (52,886). Per mile of corridor, there are 2,778 workers residing in the ½ mile buffer area of the Northeast Corridor. It stood out with the highest rate of public transportation use (10.2%), almost twice the County average. It also was notable for the high rates of workers who walked (4.3%) and worked at home (5.5%).

South Dade Transitway



The **South Dade Transitway** is 19.8 miles long and the buffer area included 39,074 resident workers in 2017, many of whom would face some of the longest commutes in the County. Per mile of corridor, there are 1,972 workers residing in the ½ mile buffer area of the South Dade Transitway. Although it had a relatively high rate of car, truck or van use (84.3%), it had the County's highest rate of carpooling (13.6%), and above average use of public transportation (8.2%).

Comparison of Smart Plan Corridors

Of the 322,133 workers in the seven buffer areas, 240,748 (74.7%) drove alone to work, compared to 76.8% in the County as a whole (*Table 5.2*). Carpooling was highest in the South Dade Transitway (13.6%).

Public transportation use was highest in the Northeast corridor (10.2%), followed by the Metrorail corridor (9.4%) and the South Dade Transitway (8.2%), compared to a countywide average of 5.2%. Workers within both the Metrorail (5.6%) and Northeast (4.3%) corridors walked to work at more than twice the County average (2.1%), indicating that those two corridors may provide a walkable context that is key to a successful premium transit network for the last ½ mile connectivity.

The highest rates of driving alone were found in the Kendall corridor (83.9%) and the East-West corridor (83.5%), with a combined workforce of 78,617 workers. The East-West corridor had the lowest rate of use of public transportation (3.2%), followed by the Kendall corridor (4.1%). Together, those two indicators suggest that the two corridors would benefit from the planned SMART Plan investments in transit.





Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301)

Means of Transportation to Work	County	Metrorail	Beach	East-West	Kendall	North	Northeast	South Dade	7 Corridors
Total	1,251,193	94,609	36,550	38,559	40,058	19,571	52,886	39,074	321,308
Car, truck, or van	1,073,286	73,279	21,863	34,815	36,264	17,502	40,411	32,923	257,057
- Drove alone	961,416	66,074	19,959	32,184	33,619	16,122	36,449	27,597	232,005
- Carpooled	111,870	7,205	1,903	2,631	2,645	1,380	3,962	5,327	25,052
- In 2-person carpool	82,592	5,684	1,695	2,051	2,060	1,067	3,356	3,066	18,978
- In 3-person carpool	18,002	851	59	381	302	175	339	1,149	3,257
- In 4-person carpool	6,636	412	35	105	76	69	106	747	1,549
- In 5- or 6-person carpool	2,597	92	12	89	55	68	38	224	578
- In 7-or-more-person carpool	2,043	166	102	5	152	0	122	141	689
Public transportation	65,521	8,853	3,576	1,224	1,656	1,322	5,387	3,218	25,235
- Bus or trolley bus	56,088	5 <i>,</i> 996	3,091	1,211	709	1,272	5,035	2,258	19,572
- Streetcar or trolley car	555	198	84	0	18	0	82	38	420
- Subway or elevated	7,118	2,175	232	8	825	35	139	873	4,287
- Railroad	1,723	484	169	0	104	16	126	50	948
- Ferryboat	37	0	0	4	0	0	4	0	8
Taxicab	3,024	334	235	81	7	0	281	28	964
Motorcycle	2,855	234	440	31	16	0	267	36	1,025
Bicycle	7,484	858	1,865	276	81	123	748	148	4,099
Walked	26,122	5,265	4,977	767	525	183	2,252	519	14,488
Other means	11,478	847	584	215	273	98	611	472	3,101
Worked at home	61,423	4,939	3,012	1,151	1,235	343	2,929	1,730	15,339

Table 5.1. Means of Transportation to Work by SMART Plan Corridor, All Workers, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301)

Means of Transportation to Work	County	Metrorail	Beach	East-West	Kendall	North	Northeast	South Dade	7 Corridors
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van	85.78%	77.45%	59.82%	90.29%	90.53%	89.43%	76.41%	84.26%	80.00%
- Drove alone	76.84%	69.84%	54.61%	83.47%	83.93%	82.38%	68.92%	70.63%	72.21%
- Carpooled	8.94%	7.62%	5.21%	6.82%	6.60%	7.05%	7.49%	13.63%	7.80%
- In 2-person carpool	6.60%	6.01%	4.64%	5.32%	5.14%	5.45%	6.35%	7.85%	5.91%
- In 3-person carpool	1.44%	0.90%	0.16%	0.99%	0.76%	0.90%	0.64%	2.94%	1.01%
- In 4-person carpool	0.53%	0.44%	0.10%	0.27%	0.19%	0.35%	0.20%	1.91%	0.48%
- In 5- or 6-person carpool	0.21%	0.10%	0.03%	0.23%	0.14%	0.35%	0.07%	0.57%	0.18%
- In 7-or-more-person carpool	0.16%	0.18%	0.28%	0.01%	0.38%	0.00%	0.23%	0.36%	0.21%
Public transportation	5.24%	9.36%	9.78%	3.17%	4.13%	6.75%	10.19%	8.24%	7.85%
- Bus or trolley bus	4.48%	6.34%	8.46%	3.14%	1.77%	6.50%	9.52%	5.78%	6.09%
- Streetcar or trolley car	0.04%	0.21%	0.23%	0.00%	0.04%	0.00%	0.16%	0.10%	0.13%
- Subway or elevated	0.57%	2.30%	0.63%	0.02%	2.06%	0.18%	0.26%	2.23%	1.33%
- Railroad	0.14%	0.51%	0.46%	0.00%	0.26%	0.08%	0.24%	0.13%	0.30%
- Ferryboat	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
Taxicab	0.24%	0.35%	0.64%	0.21%	0.02%	0.00%	0.53%	0.07%	0.30%
Motorcycle	0.23%	0.25%	1.20%	0.08%	0.04%	0.00%	0.51%	0.09%	0.32%
Bicycle	0.60%	0.91%	5.10%	0.71%	0.20%	0.63%	1.41%	0.38%	1.28%
Walked	2.09%	5.56%	13.62%	1.99%	1.31%	0.94%	4.26%	1.33%	4.51%
Other means	0.92%	0.90%	1.60%	0.56%	0.68%	0.50%	1.16%	1.21%	0.96%
Worked at home	4.91%	5.22%	8.24%	2.99%	3.08%	1.75%	5.54%	4.43%	4.77%

Table 5.2. Means of Transportation to Work by SMART Plan Corridor, All Workers (%), 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data, Table B08301).

Section 6 Summary and Conclusions

Overall, the way residents of Miami-Dade County traveled to work in 2017 closely resembles the way most residents of the United States got to work: more than three in every four workers drove a car, truck or van to work alone and barely one in twenty used public transportation.

Among the seven peer counties, King County, Washington (Seattle) stood out as an example of a very different modal split, with a significantly lower proportion of workers driving alone, and well over twice the proportion of any of the other six peer counties using public transportation. The lower rates of car use and the higher use of public transportation represent a measure of what could be achieved elsewhere in the country.

When compared with the other five peer counties in Florida (Broward, Hillsborough and Orange), California (San Diego) and Texas (Harris – Houston), the residents of Miami-Dade County were more likely to use public transportation in 2017 than all others. All those counties but one (San Diego) also had a higher rate of workers who drove alone to work than Miami-Dade County.

The following observations highlight economic and demographic characteristics of workers in Miami-Dade County that are associated with significantly higher rates of driving a car, truck or van alone to work and/or significantly lower rates of public transportation use (*Table 6.1* and *Figure 6.1*), both of which contribute to increased congestion on the County's roadway network:

- Workers age 25 to 64
- Workers earning \$25,000 or more per year
- Private for-profit wage and salary workers
- Local government workers
- State government workers
- Workers in manufacturing
- Workers in wholesale trade
- Workers in transportation and warehousing
- Workers in information
- Workers in finance, insurance, real estate, rental and leasing
- Workers in education, health care and social assistance
- Workers with travel time to work of 15 to 29 minutes
- Workers in owner-occupied households
- Workers in households with two vehicles or more

The factors identified above might be used to target outreach efforts to Miami-Dade County residents to encourage the use of public transportation in conjunction with implementation of the County's SMART Plan.

Worker Characteristics		Car- pooled	Public transpor- tation	Walked	Other	Worked at home
Age - 16 to 24	70.1%	11.4%	9.1%	3.8%	3.0%	2.5%
Age - 25 to 64	77.7%	8.7%	4.8%	1.9%	1.9%	5.0%
Age - 65 and over	75.4%	7.4%	5.4%	2.1%	1.7%	8.0%
Place of Birth - Native	77.9%	8.2%	5.3%	2.1%	2.2%	4.4%
Place of Birth - Foreign-born	76.2%	9.4%	5.2%	2.1%	1.9%	5.2%
Earnings - Under \$25,000 per year	71.1%	10.7%	8.1%	2.9%	2.4%	4.8%
Earnings - \$25,000 to less than \$75,000	81.2%	8.0%	3.4%	1.4%	1.7%	4.3%
Earnings - \$75,000 or more	80.9%	6.1%	2.1%	1.8%	1.7%	7.4%
Class - Private for-profit wage and salary workers	79.2%	8.7%	5.3%	2.2%	2.0%	2.6%
Class - Self-employed workers in own incorporated business	66.5%	10.2%	1.6%	1.5%	2.0%	18.2%
Class - Private not-for-profit wage and salary workers	75.8%	11.1%	6.4%	2.4%	1.3%	3.1%
Class - Local government workers	82.8%	9.0%	4.2%	1.7%	1.1%	1.1%
Class - State government workers	79.0%	11.0%	4.5%	1.7%	1.6%	2.2%
Class - Federal government workers	79.6%	8.2%	7.3%	1.1%	1.7%	2.0%
Class - Self-employed workers in own not-incorporated business	58.9%	8.3%	7.4%	1.5%	2.9%	21.1%
Class - Unpaid family workers	56.1%	15.4%	1.7%	7.2%	3.0%	16.7%
Industry - Agriculture, forestry, fishing, hunting	56.7%	23.4%	3.8%	4.1%	6.5%	5.4%
Industry - Construction	72.8%	11.5%	4.7%	0.8%	1.8%	8.3%
Industry - Manufacturing	81.2%	9.3%	3.0%	1.0%	1.6%	3.9%
Industry - Wholesale trade	80.6%	8.6%	2.6%	0.8%	1.3%	6.2%
Industry - Retail trade	77.4%	9.0%	6.4%	2.8%	2.0%	2.4%
Industry - Transportation, warehousing	83.7%	6.9%	2.3%	0.7%	2.1%	4.3%
Industry - Information	79.3%	7.4%	2.7%	1.1%	1.7%	7.8%
Industry - Finance, insurance, real estate, rental, leasing	79.3%	6.9%	3.0%	2.3%	1.4%	7.1%
Industry - Professional, scientific, management	73.8%	8.8%	4.7%	1.7%	1.9%	9.1%
Industry - Education, health care, social assistance	81.2%	9.3%	4.1%	1.8%	1.1%	2.5%
Industry - Arts, entertainment, recreation, accommodation	67.9%	9.2%	10.9%	4.9%	4.4%	2.6%
Industry - Other services	70.8%	9.1%	8.2%	2.4%	2.0%	7.5%
Industry - Public administration	82.5%	7.3%	5.8%	1.1%	1.2%	2.0%
Industry - Armed forces	83.6%	7.7%	0.6%	2.7%	3.1%	2.2%
Travel Time to Work - less than 15 minutes	75.1%	9.3%	1.8%	9.7%	4.1%	NA
Travel Time to Work - 15 to 29 minutes	84.4%	9.1%	2.5%	2.0%	2.1%	NA
Travel Time to Work - 30 to 59 minutes	83.3%	9.5%	5.3%	0.5%	1.5%	NA
Travel Time to Work - 60 minutes or more	69.0%	10.2%	18.5%	0.3%	2.0%	NA
Tenure of Householder - Owner-occupied	81.2%	8.6%	2.8%	0.8%	1.5%	5.0%
Tenure of Householder - Renter-occupied	71.8%	9.4%	8.2%	3.4%	2.6%	4.7%
Number of Vehicles in Household - No vehicle	20.3%	10.1%	39.3%	13.1%	11.1%	6.1%
Number of Vehicles in Household - One vehicle	72.5%	9.1%	7.2%	3.0%	2.8%	5.4%
Number of Vehicles in Household - 2 vehicles	81.4%	8.4%	2.7%	1.2%	1.2%	5.1%
Number of Vehicles in Household - 3 or more vehicles	83.1%	9.4%	2.0%	0.5%	1.0%	3.9%

Table 6.1. Profile of Miami-Dade County Residents Who Worked, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data).



Figure 6.1. Means of Transportation to Work of Miami-Dade County Residents Who Worked, 2017

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data).

Appendices

Methodology

<u>Overview</u>

This study makes use of data about the means of transportation to work of workers 16 years and older who resided in Miami-Dade County, Florida, drawn from the 2017 American Community Survey (ACS) 5-year cumulative sample, published by the US Census Bureau in December of 2018. The Census Bureau reports that 63,437 households (6.3%) with 155,799 residents were included in the cumulative sample of Miami-Dade County between 2013 and 2017. The data presented in the study reflect the responses of these households over the 5-year period to questions related to the means of transportation to work for the household members 16 years and over who worked.

For comparison purposes, background data with the characteristics of workers for the United States, the State of Florida, Miami-Dade County and six peer counties was collected and analyzed. In addition, summaries for Miami-Dade County by Traffic Analysis District (TAD) and by SMART Plan corridor were derived from census block group data from the same sample. All of the data was downloaded from the Census Bureau's American FactFinder website on February 11, 2019.

ACS Tables Used in the Analysis

The ACS tables with various characteristics of workers, available for the counties, the State and the US, are listed below, together with the universe to which the data in each table refers:

- Table B08301 Means of Transportation to Work (workers 16 years and over)
- Table B08101 Means of Transportation to Work by Age (workers 16 years and over)
- Table B08111 Means of Transportation to Work by Citizenship Status (workers 16 years and over)
- Table B08119 Means of Transportation to Work by Workers' Earnings in the Past 12 Months (workers 16 years and over with earnings)
- Table B08126 Means of Transportation to Work by Industry (workers 16 years and over)
- Table B08128 Means of Transportation to Work by Class of Worker (workers 16 years and over)
- Table B08134 Means of Transportation to Work by Travel Time to Work (workers 16 years and over who did not work at home)
- Table B08137 Means of Transportation to Work by Tenure (workers 16 years and over in households)
- Table B08141 Means of Transportation to Work by Vehicles Available (workers 16 years and over in households)

The ACS block group data used to tabulate totals for the 42 TADs and the MetroRail corridor and the six SMART Plan corridors was available only for the table listed below:

• Table B08301 – Means of Transportation to Work (workers 16 years and over)

It is important to keep in mind that because the data is drawn from a sample of households, the estimates are subject to sampling margins of error. Generally, larger geographic areas and sample sizes produce lower margins of error. The margins of error for the United States and the State of Florida in 2017 were small, under 10% for most estimates, even when the means of transportation were broken out by detailed economic and demographic characteristics. Margins of error for the seven counties were lower on estimates for the larger counties (Harris County, TX; San Diego County, CA and Miami-

Dade County, FL), and were reasonable for most estimates even for the smaller counties. However, the margins of error were much higher for the block group estimates that were used to compile aggregate data for the Traffic Analysis Districts (TADs) and the corridor buffer areas. Caution is recommended in drawing rigorous conclusions based on the estimates presented for the small-area tabulations.

Tabulating TADs

In order to tabulate the block group data to generate totals for Traffic Analysis Districts (TADs), South Florida Regional Planning Council (SFRPC) staff worked with the Miami-Dade County Transportation Planning Organization (TPO) staff to assign each one of the County's 1,594 block groups to one of the 42 TADs (Map 4.1). This was accomplished by using a TAD boundary map (shapefile) provided by the TPO and the Council's Geographic Information System (ArcMap) to determine the portion of each census block group that falls into each of the 42 TADs. Where the proportion of any given block group in a TAD was 60% or greater, it was automatically assigned to the corresponding TAD. A total of nine block groups were split with less than 60% falling into any single TAD. For those nine block group should be assigned. The final result was that all 1,594 census block groups were assigned to one of the 42 TADs (Table 4.1). The number of block groups ranges from 12 in TAD 22 to 94 in TAD 23.

Tabulating the SMART Plan Corridors

Working with TPO staff, Council staff began with a shapefile provided by the TPO that delineates the MetroRail corridor and each of the six selected SMART Plan corridors. Council staff then defined a buffer area of one-half mile on either side of each corridor. The buffer area was then used to calculate a proportion (by area) of each block group that fell wholly or partially within the boundary of each corridor buffer area. However, in this case, rather than assign whole block groups to each corridor buffer area, the proportion (by area) of each block group contained in each buffer area was used to calculate the proportion of workers that used each means of transportation to work in the corresponding buffer area. The proportional shares of each block group were then summed to derive a total for each means of transportation to work for that corridor. The result of that tabulation is presented in Table 5.1.

Please note, however, that each corridor buffer area was defined independently. Since each of the corridors is contiguous to at least one other corridor, a small portion of the buffer area overlapped with the neighboring corridor buffer area. As a result, the totals for the seven corridors in **Table 5.1** reflect a small amount of double-counting, although those amounts are insignificant in the aggregate.

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N

Map 5.3.1. Miami-Dade County SMART Plan Beach Corridor - % of Workers Driving Alone



Map 5.3.2. Miami-Dade County SMART Plan Beach Corridor - % of Workers Carpooling

Ν



Map 5.3.3. Miami-Dade County SMART Plan Beach Corridor - % of Workers Using Public Transportation



Map 5.3.4. Miami-Dade County SMART Plan Beach Corridor - % of Workers Walking to Work

Ν



Map 5.3.5. Miami-Dade County SMART Plan Beach Corridor - % of Workers Using Other Means of Transp.



N

Map 5.3.6. Miami-Dade County SMART Plan Beach Corridor - % of Workers Who Work at Home

































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Map 5.6.1. Miami-Dade County - SMART Plan North Corridor - % of Workers Driving Alone

Ν



Map 5.6.2. Miami-Dade County - SMART Plan North Corridor - % of Workers Carpooling

Ν



N

Map 5.6.3. Miami-Dade County - SMART Plan North Corridor - % of Workers using Public Transp.



N

Map 5.6.4. Miami-Dade County - SMART Plan North Corridor - % of Workers Walking to Work



Map 5.6.5. Miami-Dade County - SMART Plan North Corridor - % of Workers Using Other Means of Transp.

Ν



Map 5.6.6. Miami-Dade County - SMART Plan North Corridor - % of Workers Who Work at Home

Ν





N

Map 5.7.1. Miami-Dade County - SMART Plan Northeast Corridor - % of Workers Driving Alone





Map 5.7.2. Miami-Dade County - SMART Plan Northeast Corridor - % of Workers Carpooling



Map 5.7.3. Miami-Dade County - SMART Plan Northeast Corridor - % of Workers Using Public Transp.





Map 5.7.4. Miami-Dade County - SMART Plan Northeast Corridor - % of Workers Walking to Work



Map 5.7.5. Miami-Dade County - SMART Plan Northeast Corridor - % of Workers Using Other Means of Transp.



















Table A-1. Workers by Characteristics, 2017 US, Florida and Seven Counties

Means of Transportation to Work	US	FL	Miami Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
	•	•	•	•	<u>0</u>			· · ·	
All Workers, by Age (B08101)									
16-19 years old	4,959,347	230,889	21,218	20,375	17,310	13,153	43,953	60,986	25,683
20-24 years old	14,504,019	816,515	102,961	70,009	59,880	68,721	179,692	207,432	89,910
25-44 years old	64,272,920	3,791,989	573,352	394,463	301,117	306,443	734,898	1,049,672	547,550
45-54 years old	32,308,850	2,025,696	298,810	219,861	142,492	133,029	315,717	430,579	233,270
55-59 years old	14,507,884	882,710	113,552	93,102	55,790	52,824	135,634	179,723	99,127
60-64 years old	10,077,050	623,391	79,862	62,615	37,976	34,291	95,789	122,138	72,398
65 years and over	7,801,972	535,981	61,438	52,247	27,957	23,208	69,325	90,351	49,627
All ages	148,432,042	8,907,171	1,251,193	912,672	642,522	631,669	1,575,008	2,140,881	1,117,565
16-19 years old	3.34%	2.59%	1.70%	2.23%	2.69%	2.08%	2.79%	2.85%	2.30%
20-24 years old	9.77%	9.17%	8.23%	7.67%	9.32%	10.88%	11.41%	9.69%	8.05%
25-44 years old	43.30%	42.57%	45.82%	43.22%	46.86%	48.51%	46.66%	49.03%	48.99%
45-54 years old	21.77%	22.74%	23.88%	24.09%	22.18%	21.06%	20.05%	20.11%	20.87%
55-59 years old	9.77%	9.91%	9.08%	10.20%	8.68%	8.36%	8.61%	8.39%	8.87%
60-64 years old	6.79% 5.26%	7.00%	0.38%	0.80%	5.91%	5.43%	6.08%	5.71%	0.48%
	5.20%	0.02%	4.91%	5.72%	4.35%	3.07%	4.40%	4.22%	4.44%
All Workers by Place of Birth (B0811)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Native	123 307 300	6 628 160	470 740	5/1 7/9	512 166	173 218	1 138 200	1 /15 776	83/1 738
Foreign-born	25 034 643	2 279 011	780 453	370 923	130 356	158 /51	/36 799	725 105	282 827
	1/18 /32 0/2	8 907 171	1 251 103	012 672	642 522	631 669	1 575 008	2 1/0 881	1 117 565
Native	83 13%	74 41%	37 62%	59 36%	79 71%	74 92%	72 27%	66 13%	74 69%
Foreign-born	16.87%	25 59%	62 38%	40 64%	20.29%	25.08%	27 73%	33.87%	25 31%
All origins	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
All Workers, by Earnings (B08119)	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070
\$1 to \$9,999, or loss	18 919 315	1 077 947	130,640	104 403	72,164	74 262	181,179	242 255	103 694
\$10.000 to \$14.999	10.994.174	775.337	136.773	74.041	50,181	56.825	116.626	169.000	55.375
\$15,000 to \$24,999	21.786.563	1.605.440	267,996	154,109	104.240	120.539	239.324	352.870	118,418
\$25.000 to \$34.999	20.583.822	1.429.376	205.265	140.757	97.217	103.687	199.643	292.597	120,765
\$35,000 to \$49,999	23,767,200	1,493,063	192,806	154,618	109,979	103,274	228,538	314,660	154,361
\$50,000 to \$64,999	17,682,910	938,920	117,413	100,264	74,610	64,049	177,044	254,439	136,627
\$65,000 to \$74,999	7,403,155	357,825	44,404	38,621	27,981	23,216	79,785	102,749	64,805
\$75,000 or more	27,272,894	1,227,922	155,754	145,700	106,105	85,791	352,578	412,152	363,344
All earning levels	148,410,033	8,905,830	1,251,051	912,513	642,477	631,643	1,574,717	2,140,722	1,117,389
\$1 to \$9,999, or loss	12.75%	12.10%	10.44%	11.44%	11.23%	11.76%	11.51%	11.32%	9.28%
\$10,000 to \$14,999	7.41%	8.71%	10.93%	8.11%	7.81%	9.00%	7.41%	7.89%	4.96%
\$15,000 to \$24,999	14.68%	18.03%	21.42%	16.89%	16.22%	19.08%	15.20%	16.48%	10.60%
\$25,000 to \$34,999	13.87%	16.05%	16.41%	15.43%	15.13%	16.42%	12.68%	13.67%	10.81%
\$35,000 to \$49,999	16.01%	16.77%	15.41%	16.94%	17.12%	16.35%	14.51%	14.70%	13.81%
\$50,000 to \$64,999	11.91%	10.54%	9.39%	10.99%	11.61%	10.14%	11.24%	11.89%	12.23%
\$65,000 to \$74,999	4.99%	4.02%	3.55%	4.23%	4.36%	3.68%	5.07%	4.80%	5.80%
\$75,000 or more	18.38%	13.79%	12.45%	15.97%	16.51%	13.58%	22.39%	19.25%	32.52%
All earning levels	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
All Workers, by Industry (B08126)	0 750 700		0.050		0 755	0 555	10.010	70.044	5 450
Agriculture	2,752,733	92,198	8,652	2,086	8,755	2,555	12,846	73,344	5,450
Construction	9,337,526	629,097	93,406	59,552	42,662	39,430	86,296	208,936	52,697
	15,224,877	455,328	57,368	43,536	31,571	28,463	139,338	213,894	107,730
Potoil trado	3,900,010	244,390	40,200 154 144	101 744	10,113	77 221	37,773	79,100	33,320
Transportation and warehousing, and u	7 405 781	1,100,931	05 044	51 047	20 027	22 817	58 300	132 /71	51 769
Information	3 121 202	402,550	95,044 26 156	21 660	29,927	13 / 31	34 975	28 034	30,784
Finance & insurance real estate & rent	9 770 141	687 780	95 934	73 563	67 441	44 609	94 566	128 101	67 240
Professional, scientific, and manageme	16,692,183	1.148.046	161.828	127.370	91,606	88,184	226.536	282.344	212.410
Educational services and health care a	33 818 226	1 849 268	246 455	186 235	138 083	117 735	314 533	396 765	220,602
Arts, entertainment & recreation, accorr	14.245.429	1.089.071	142.127	102.245	64,997	122.045	178.556	189,118	107.212
Other services (except public administra	7,222.737	472,046	78,333	51.358	29.443	28,746	79,889	123,943	50,565
Public administration	6,925,372	385,492	42,206	37,541	24,311	17,856	77,394	53,601	35,051
Armed forces	1,016,285	54,675	1,252	1,088	5,249	463	72,267	1,461	2,153
All Industries	148,432,042	8,907,171	1,251,193	912,672	642,522	631,669	1,575,008	2,140,881	1,117,565
Agriculture	1.85%	1.04%	0.69%	0.23%	1.36%	0.40%	0.82%	3.43%	0.49%
Construction	6.29%	7.06%	7.47%	6.53%	6.64%	6.24%	5.48%	9.76%	4.72%
Manufacturing	10.26%	5.11%	4.59%	4.77%	4.91%	4.51%	8.85%	9.99%	9.64%
Wholesale trade	2.69%	2.74%	3.86%	3.69%	2.82%	2.71%	2.40%	3.70%	2.98%
Retail trade	11.33%	13.09%	12.32%	13.34%	11.73%	12.22%	10.27%	10.73%	11.77%
Transportation and warehousing, and u	5.05%	5.19%	7.60%	5.59%	4.66%	5.35%	3.70%	6.19%	4.63%
Information	2.10%	1.93%	2.09%	2.37%	2.34%	2.13%	2.22%	1.31%	3.56%
Finance & insurance, real estate & rent	6.58%	7.72%	7.67%	8.06%	10.50%	7.06%	6.00%	5.98%	6.02%
Protessional, scientific, and manageme	11.25%	12.89%	12.93%	13.96%	14.26%	13.96%	14.38%	13.19%	19.01%
Educational services, and health care a	22.78%	20.76%	19.70%	20.41%	21.49%	18.64%	19.97%	18.53%	19.74%
Arts, entertainment & recreation, accor	9.60%	12.23%	11.36%	11.20%	10.12%	19.32%	11.34%	8.83%	9.59%
Other services (except public administra	4.87%	5.30%	6.26%	5.63%	4.58%	4.55%	5.07%	5.79%	4.52%
	4.67%	4.33%	3.31%	4.11%	3.78%	2.83%	4.91%	2.50%	3.14%
All Industries	0.68% 100.00%	0.01% //00 000	0.10%	0.12%	0.82%	0.07%	4.59% 100.00%	0.07% 100.00%	0.19%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.

Table A-1. Workers by Characteristics, 2017 US, Florida and Seven Counties

Means of Transportation to Work	US	FL	Miami Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
All Markeys, by Class of Warkey (D00	100)								
All workers, by Class of worker (B08)	101 001 850	6 220 620	901 727	640.009	462 000	477 110	1 010 261	1 600 007	771 706
Solf amployed in own incorporated busi	101,091,009 5 202 709	6,220,630	70 070	64 704	403,000	477,119	57 750	1,020,037	11,790
Briveto pot for profit wago and colory w	11 905 760	514,439	19,019	04,794	20 277	30,079	102 252	112 951	40,004
Local government workers	9 885 230	601 093	78 107	44,407 65 000	39,377 40 506	33,703	91 665	111,001	57.067
State government workers	9,003,230 6 707 265	263 735	21 / 10	16 559	40,300	13 164	57 750	69.667	55 571
Federal government workers	4 713 365	231 535	19 866	14 275	21 798	9 649	134 614	27 051	22 291
Self-employed in own not incorporated	8 705 068	515 007	96 200	55 409	28,730	26 997	117 223	1/0 317	63 784
Unnaid family workers	229 688	13 638	2 236	1 250	628	20,337	2 493	3 124	1 648
All classes of workers	148 432 042	8 907 171	1 251 193	912 672	642 522	631 669	1 575 008	2 140 881	1 117 565
Private for-profit wage and salary works	68 11%	69.84%	71 27%	71 21%	72 10%	75 53%	6/ 1/%	75 67%	69.06%
Self-employed in own incorporated busi	3 51%	5 78%	6 32%	7 10%	4 87%	4 86%	3 67%	2 58%	4 06%
Private not-for-profit wage and salary w	8.01%	6 14%	4 99%	4 87%	6 13%	6 29%	6 56%	5 32%	8 95%
Local government workers	6.66%	6 75%	6 25%	7 23%	6 30%	5 33%	5.82%	5 21%	5 11%
State government workers	4 52%	2 96%	1 71%	1 81%	2.66%	2.08%	3.67%	3 25%	4 97%
Federal government workers	3 18%	2.50%	1.71%	1.61%	3 39%	1 53%	8 55%	1 26%	1 99%
Self-employed in own not incorporated	5.86%	5 78%	7 70%	6.07%	4 36%	1.00%	7 11%	6 55%	5 71%
Uppaid family workers	0.15%	0.15%	0.18%	0.07%	4.30%	4.27 %	0.16%	0.00%	0.15%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Workers Who Did Not Work at Home	hy Travel Time	to Work (B	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070
Less than 10 minutes	17 021 72/	767 601	57 270	64 666	52 858	10 137	128 501	150 584	76 254
10 to 14 minutes	10 2/1 335	1 010 018	105.084	92.063	70 9/1	61 231	188 316	218 677	103 250
15 to 10 minutes	21 622 208	1,010,310	136 013	120.056	85 222	82 324	247 623	284.067	140 021
20 to 24 minutes	21,033,300	1,272,400	181 015	120,900	95 957	102,324	255 334	204,007	140,021
25 to 29 minutes	8 998 679	566 332	72 831	61 525	40 411	102,140	111 105	124 624	76 646
20 to 23 minutes	10 345 068	1 402 860	246 821	160 610	101 056	45,754	220 500	384 030	178 523
35 to 44 minutes	0 634 261	626.064	107 / 127	68 506	101,930	53 081	102 340	162 005	102.000
45 to 59 minutes	9,034,201 11 /6/ 30/	7/5 619	138 307	84 717	49,930	54 722	102,349	218 872	112,090
60 or more minutes	12 570 181	655 421	144 092	75 1/0	45 150	36 120	98 117	206 897	98.061
Workers who did not work at home	1/1 /0/ 632	8 406 771	1 189 770	868 086	602 873	508 153	1 /6/ 768	2 061 700	1 044 947
Less than 10 minutes	12 67%	0,400,771 0 13%	1,105,110	7 45%	8 77%	6 76%	8 78%	7 7/%	7 30%
10 to 14 minutes	12.07 /0	12 03%	9.93%	10 61%	11 77%	10 24%	12 86%	10 61%	0.88%
15 to 10 minutes	15.01%	12.03%	11 51%	13 03%	1/ 1/0	13 76%	16.01%	13 78%	13 40%
20 to 24 minutes	14 56%	16 17%	15 21%	16 12%	14.14 /0	17.08%	17 / 20/	14 61%	15.40%
25 to 29 minutes	6 36%	674%	6 1 2%	7 09%	6 70%	8 32%	7 59%	6.04%	7 33%
30 to 34 minutes	13 68%	16 60%	20.75%	18 50%	16 01%	10.78%	15 67%	18 67%	17.08%
35 to 44 minutes	6.81%	7 45%	20.75% 9.03%	7 80%	8 28%	8 87%	6 99%	7 90%	9.77%
$\frac{15}{10}$ to 50 minutes	8 11%	8 87%	11 62%	9.76%	10.03%	9 15%	7 08%	10.62%	10 73%
60 or more minutes	8 90%	7 80%	12 11%	8.66%	7 / 9%	6.04%	6 70%	10.02%	9.38%
Workers who did not work at home	100.00%	100.00%	100.00%	100.00%	100.00%	100.04%	100.00%	100.04%	100.00%
Workers in Households by Tenure of	the Household	der (B08137	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070
Owner-occupied housing unit	97 310 546	5 574 553	700 894	567 693	379 276	348 661	808 394	1 247 008	661 389
Renter-occupied housing unit	19 672 116	3 280 342	545 122	3/3 6/2	250 120	281 001	724 572	888.061	449 772
All tenures	146 982 992	8 854 895	1 246 016	911 335	638 405	629 662	1 532 966	2 135 069	1 111 161
Owner-occupied bousing unit	66 21%	62 95%	56 25%	62 20%	59 / 1%	55 37%	52 73%	58 / 1%	59.52%
Renter-occupied housing unit	33 79%	37.05%	43 75%	37 71%	40 59%	44 63%	47 27%	41 59%	40.48%
All tenures	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Workers in Households by Vehicles	vailable (B08	141)	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070	100.0070
No vehicle available	6 417 792	259 002	53 445	26 070	18 604	18 949	34 257	58 949	57 742
One vehicle available	30 677 088	2 108 326	312 524	220,070	160 170	155 091	283 275	519 759	276 194
Two vehicles available	60 50/ 771	3 002 771	505 228	410 206	202 726	284 521	635 566	901 279	456 171
Three or more vehicles available	49 293 341	2 494 706	374 810	253 610	165 905	171 101	579 868	655 083	320 751
All vehicles available	146 982 992	8 854 805	1 246 016	911 335	638 405	629 662	1 532 966	2 135 069	1 111 161
No vehicle available	1 270/	0,004,090 2 020/	1,2-10,010	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 010/	2 010/	1,002,000	2,100,009	5 200/
One vehicle available	-+.37 /0 20 87%	2.3270 23 810/	75 08%	2.00%	2.3170	24 63%	18 / 80/	21 3/0/	24 86%
Two vehicles available	20.07 /0 41 23%	45 00%	20.00 % 40 55%	27.2270 45 00%	20.09% 46.01%	2 4 .03 /0 45 10%	41 46%	42 21%	24.00%
Three or more vehicles available	-1.20 /0 33 5/1%	-0.03% 28 17%	30 08%	-0.03% 27 83%	25 00%		37 830/	30 68%	- 1.00 % 28 87%
All vehicles available	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Means of Transportation to Work	US	FI	Miami Dade	Broward	Hillsborough	Orange, Fl	San Diego	Harris, TX	King WA
mound of Transportation to Work				Biomaia	rinoborough	orango, r E	Call Diogo	Hamo, IX	rung, mr
All Workers (B08301)									
Car truck or van	127 053 717	7 900 721	1 073 286	812 603	571 370	560 120	1 336 018	1 930 740	811 076
Drovo alono	113 /6/ 765	7,900,721	061 / 16	730 346	514 074	408 021	1,000,010	1,930,740	704 155
Corpooled	12 599 052	820.061	111 970	22 257	56 405	490,921	120,002	1,030,413	106 021
Dublic transportation	7 607 007	120,901	65 521	02,207	0,405	16 971	139,430	232,327	100,921
Public transportation	7,607,907	180,231	65,521	25,527	9,396	16,871	48,072	57,933	140,088
Bus or trolley bus	3,775,804	163,810	56,088	23,727	9,221	16,252	40,797	55,269	134,340
Streetcar or trolley car	87,817	1,209	555	41	12	56	2,718	930	1,020
Subway or elevated	2,821,237	8,533	7,118	483	70	228	444	950	5,620
Railroad	866,557	5,888	1,723	1,187	16	296	3,896	670	3,714
Ferryboat	56,492	791	37	89	77	39	217	114	1,994
Taxicab	205,519	11,853	3,024	1,378	737	762	768	1,647	1,481
Motorcycle	270,958	25,268	2,855	1,714	1,618	1,698	9,065	2,720	3,519
Bicycle	871,695	58,660	7,484	5,355	4,416	3,331	10,883	7,388	17,513
Walked	4,049,337	129,801	26,122	10,961	9,619	7,750	45,998	32,750	56,796
Other means	1,345,499	100.237	11,478	10,548	5,708	7.621	13,964	28,522	7,874
Worked at home	7 027 410	500,400	61,423	44,586	39,649	33,516	110,240	79,181	72,618
Total	148 432 042	8 907 171	1 251 193	912 672	642 522	631 669	1 575 008	2 140 881	1 117 565
All Workers by Age (B08101)	140,402,042	0,007,171	1,201,100	512,012	042,022	001,000	1,070,000	2,140,001	1,117,000
16 24 years old	10 462 266	1 047 404	124 170	00 204	77 100	01 071	222 645	260 410	115 502
10-24 years old	19,403,300	7,047,404	124,179	90,364	77,190	01,074	223,045	200,410	115,595
Car, truck, or van - Drove alone	13,728,312	/84,/1/	87,065	65,335	58,266	62,321	147,500	196,459	62,172
Car, truck, or van - Carpooled	2,387,314	129,470	14,192	12,316	9,133	9,688	24,721	44,277	12,332
Public transportation	1,097,717	36,382	11,283	5,413	2,425	3,511	11,513	8,862	21,848
Walked	1,270,532	32,172	4,722	2,404	2,482	2,530	6,327	7,368	3,658
Taxicab, motorcycle, bicycle, other	497,371	35,278	3,767	3,470	2,548	2,332	21,523	7,823	10,882
Worked at home	482,120	29,385	3,150	1,446	2,336	1,492	11,995	3,629	4,701
25-64 years old	121,166,704	7,323,786	1,065,576	770,041	537,375	526,587	1,282,038	1,782,112	952,345
Car, truck, or van - Drove alone	93,767,664	5,880,436	828,052	623,692	434,362	419,144	1,000,371	1,430,919	609,289
Car, truck, or van - Carpooled	10,714,063	658,938	93,114	66,635	45,778	49,753	109,320	181,481	91,480
Public transportation	6.225.050	136.082	50,896	18,994	6.656	12,759	34,437	46.218	120.567
Walked	2 582 653	88,518	20,106	7 784	9,579	10,360	27 227	31 658	25 828
Taxicab motorcycle bicycle other	2,002,000	149 114	20,100	14 625	6 5 3 5	5 045	23 028	23 306	44 003
Worked at home	5 703 558	410 608	53 371	28 211	34 465	20 526	23,020	68 530	61 178
65 years and ever	7 904 072	F25 091	61 429	50,011	37,403	23,320	60,005	00,000	40.627
	7,001,972	535,961	61,430	52,247	27,957	23,200	09,325	90,351	49,627
Car, truck, or van - Drove alone	5,968,789	414,607	46,299	41,319	22,346	17,456	48,625	71,035	32,694
Car, truck, or van - Carpooled	487,575	32,553	4,564	3,306	1,494	1,758	5,415	6,569	3,109
Public transportation	285,140	7,767	3,342	1,120	315	601	2,122	2,853	4,273
Walked	196,152	9,111	1,294	773	418	522	1,126	1,251	901
Taxicab, motorcycle, bicycle, other	112,584	11,626	1,037	900	536	373	1,447	1,621	1,911
Worked at home	751,732	60,317	4,902	4,829	2,848	2,498	10,590	7,022	6,739
All ages	148,432,042	8,907,171	1,251,193	912,672	642,522	631,669	1,575,008	2,140,881	1,117,565
Car, truck, or van - Drove alone	113,464,765	7,079,760	961,416	730,346	514,974	498,921	1,196,562	1,698,413	704,155
Car, truck, or van - Carpooled	13,588,952	820,961	111,870	82,257	56,405	61,199	139,456	232,327	106,921
Public transportation	7,607,907	180,231	65,521	25,527	9,396	16.871	48,072	57,933	146,688
Walked	4.049.337	129,801	26,122	10,961	12,479	13.412	34,680	40.277	30,387
Taxicab motorcycle bicycle other	2 693 671	196.018	24 841	18 995	9,619	7 750	45 998	32 750	56 796
Worked at home	7 027 /10	500 400	61 /23	10,550	39,649	33 516	110 240	70 181	72 618
All Workers by Place of Birth (B081)	1,027,410	500,400	01,425	44,500	00,040	55,510	110,240	75,101	72,010
Nativo	122 207 200	6 628 160	470 740	541 740	512 166	173 218	1 138 200	1 415 776	834 738
Construct on your Drove clone	123,397,399	5 264 449	470,740	420 500	418,006	473,210	074 404	1,413,770	533 FCF
Car, truck, of vari - Drove alone	90,030,395	5,304,440	300,400	430,300	410,090	301,700	0/1,401	1,160,054	552,565
Car, truck, or van - Carpooled	10,142,140	542,051	38,410	43,878	37,649	38,996	86,820	120,385	69,026
Public transportation	5,101,727	98,409	25,017	12,601	7,175	10,619	30,251	36,370	108,154
Walked	3,196,685	91,970	9,824	6,275	7,339	5,773	35,472	19,674	41,223
Taxicab, motorcycle, bicycle, other	2,106,751	141,489	10,232	11,484	9,185	9,604	25,816	20,802	24,907
Worked at home	6,013,701	389,793	20,771	28,923	32,722	26,438	88,369	58,491	58,863
Foreign-born	25,034,643	2,279,011	780,453	370,923	130,356	158,451	436,799	725,105	282,827
Car, truck, or van - Drove alone	16,628,370	1,715,312	594,930	291,758	96,878	117,133	325,081	538,359	171,590
Car, truck, or van - Carpooled	3,446,812	278,910	73,460	38,379	18,756	22,203	52,636	111,942	37,895
Public transportation	2,506,180	81.822	40,504	12,926	2.221	6.252	17.821	21,563	38.534
Walked	852 652	37,831	16,298	4,686	2,280	1.977	10.526	13,076	15.573
Taxicab motorcycle bicycle other	586 920	54 520	14 600	7 511	2,200	3 808	8 864	19 475	5 480
Worked at home	1 013 700	110 607	10 650	15 662	6 007	7 070	21 074	20 600	12 755
	1/10/02/040	8 007 174	1 251 102	010 670	612 522	631 660	1 575 009	20,090	1 117 565
Car truck or yon Drove clone	140,402,042	7 070 760	064 440	720.240	514 074	400.004	1,070,000	1 609 440	704 455
Car, truck, or van - Drove alone	113,404,705	1,019,100	901,410	130,346	514,974	498,921	1,190,502	1,090,413	104,155
Car, truck, or van - Carpooled	13,588,952	820,961	111,870	82,257	56,405	61,199	139,456	232,327	106,921
Public transportation	7,607,907	180,231	65,521	25,527	9,396	16,871	48,072	57,933	146,688
vvalked	4,049,337	129,801	26,122	10,961	9,619	7,750	45,998	32,750	56,796
Taxicab, motorcycle, bicycle, other	2,693,671	196,018	24,841	18,995	12,479	13,412	34,680	40,277	30,387
Worked at home	7,027,410	500,400	61,423	44,586	39,649	33,516	110,240	79,181	72,618

Means of Transportation to Work US FL Miami Dade Broward Hillsborough Orange, FL San Diego Harris, TX King, WA All Workers, by Earnings (B08119) \$1 to \$24,999, or loss 51,700,052 3,458,724 535,409 332,553 226.585 251,626 537,129 764.125 277,487 Car, truck, or van - Drove alone 36,516,353 2.559.935 380.621 241,873 166.341 185.356 364,714 547,505 158.410 Car, truck, or van - Carpooled 6,086,819 413,128 57,421 40,537 27,805 30,971 57,972 115,480 28,828 41,201 Public transportation 2,931,120 125,517 43,195 18,007 6,927 13,002 28,178 29,693 Walked 2,372,802 81,632 15,627 6,983 6,079 5,071 30,563 21,069 19,612 Taxicab, motorcycle, bicycle, other 1.238.711 103.065 12,730 10,223 6.504 6.737 14.036 22.530 7.004 2,554,247 14,930 12,929 10,489 41,666 22,432 Worked at home 175,447 25,815 27,848 434,260 685,010 964 445 \$25.000 to \$74.999 69 437 087 4 219 184 559 888 309 787 294 226 476.558 Car, truck, or van - Drove alone 55,911,358 3,526,197 454,664 366,568 260,705 245,652 548,980 800,744 311,446 Car, truck, or van - Carpooled 44,970 46,796 5.885.448 342.181 34.331 23,592 25.117 60,180 92,905 Public transportation 2,902,189 47,061 19,023 6,477 1,972 3,502 15,001 20,051 62,053 Walked 1,204,231 37,968 7,701 3,268 2,908 2,077 11,141 8,083 21,214 Taxicab, motorcycle, bicycle, other 961,572 68,019 9,502 6,450 4,162 4,747 13,486 12,090 11,581 Worked at home 2,572,289 197,758 24,028 17,166 16,448 13,131 36,222 30,572 23,468 \$75.000 or more 27.272.894 1.227.922 155.754 145,700 106.105 85.791 352.578 412.152 363.344 Car, truck, or van - Drove alone 21,025,986 992,840 126,033 121,823 87,888 67,897 282,728 350,136 234,273 5,008 1,614,242 65,593 9.464 7,389 21,304 23,903 31,188 Car, truck, or van - Carpooled 5,111 Public transportation 1,774,124 7,653 3,303 1,043 497 4,893 43,434 367 8,189 10,154 4,268 3.598 15,970 470 883 2,794 694 627 602 Walked Taxicab, motorcycle, bicycle, other 492,928 24,882 2,609 2,322 1,813 1,928 7,142 5,625 11,787 126.800 20.701 26.692 Worked at home 1.894.731 11.551 12.429 10.272 9.886 32.243 All earning levels 148,410,033 8,905,830 1,251,051 912,513 642,477 631,643 1,574,717 2,140,722 1,117,389 Car, truck, or van - Drove alone 514,934 498,905 1,196,422 113.453.697 7.078.972 961.318 730.264 1.698.385 704.129 Car, truck, or van - Carpooled 13,586,509 820,902 111,855 82,257 56,405 61,199 139,456 232,288 106,812 Public transportation 7,607,433 180,231 65,521 25,527 9,396 16,871 48,072 57,933 146,688 Walked 4.047.916 129,754 26.122 10.945 9.614 7.750 45,972 32.750 56.796 Taxicab, motorcycle, bicycle, other 2.693.211 195,966 24.841 18,995 12.479 13,412 34.664 40.245 30.372 44,525 7 021 267 500.005 61.394 39.649 33.506 79.121 72.592 Worked at home 110,131 Workers Who Did Not Work at Home, by Travel Time to Work (B08134) 162,354 123,799 101.668 378.261 179,513 Less than 15 minutes 37,163,059 1,778,609 156,729 316,907 Car, truck, or van - Drove alone 30,018,623 1,455,921 121,924 127,105 100,541 82,882 246,313 303,606 128,719 Car, truck, or van - Carpooled 3 318 840 162.558 15.063 16.165 12,417 9,684 27 622 41.235 15.440 Public transportation 265,544 12,458 2,944 1,355 963 921 2,377 2,552 3,450 Walked 2,658,998 86,933 15,743 6,708 6,756 4,386 31,528 22,186 25,929 Taxicab, motorcycle, bicycle, other 901,054 60,739 6,680 5,396 3,122 3,795 9,067 8,682 5,975 15 to 29 minutes 51,217,769 3,198,189 390,759 322,384 221,591 234,218 614,152 709,835 374,638 Car, truck, or van - Drove alone 43,409,685 2,766,137 329,954 278,898 193,432 202,644 527,237 607,015 275,731 Car, truck, or van - Carpooled 4,743,865 305,832 35,497 30,129 19,990 23,181 55,898 73,196 36,712 1.143.730 31.772 9.617 4.202 1.553 7.261 10.176 29.227 Public transportation 2.525 1,002,504 28,403 7,646 2,603 2,172 10,102 22,038 Walked 1.762 7,647 Taxicab, motorcycle, bicycle, other 917.985 66,045 8.045 6.552 4 4 4 4 4.106 13,654 11,801 10,930 40,444,623 2,774,552 492,565 313,833 226,147 435,592 766,707 392,735 30 to 59 minutes 212,333 32,156,867 2,377,074 359,460 254,920 Car. truck. or van - Drove alone 410.149 271,361 185.864 191.670 637.158 Car, truck, or van - Carpooled 4,079,261 275,894 46,628 28,584 19,082 24,130 45,695 90,099 44,209 67,208 26,312 8,247 19,114 23,446 75,999 Public transportation 3.316.238 3.717 5.557 Walked 326,108 11.466 2,310 1,312 479 1.285 3,672 2,247 7,870 Taxicab, motorcycle, bicycle, other 566,149 42,910 7,166 4,329 3,191 3,505 7,651 13,757 9,737 60 or more minutes 12,579,181 655,421 144,092 75,140 45,150 36,120 98,117 206,897 98,061 Car, truck, or van - Drove alone 7,879,590 480,628 99,389 52,982 35,137 21,725 63,552 150,634 44,785 Car, truck, or van - Carpooled 1.446.986 76.677 14.682 7,379 4.916 4.204 10.241 27.797 10.560 2,882,395 26,648 3,163 7,868 19,320 38,012 Public transportation 68,793 11,723 21,759 696 Walked 61,727 2,999 423 338 212 317 670 959 Taxicab, motorcycle, bicycle, other 308,483 26,324 2,950 2,718 1,722 2,006 4,308 6,037 3,745 1,044,947 141,404,632 8,406,771 1,189,770 868,086 602,873 598.153 1,464,768 2.061.700 Workers who did not work at home Car, truck, or van - Drove alone 113,464,765 7,079,760 961,416 730,346 514,974 498,921 1,196,562 1,698,413 704,155 13,588,952 820,961 111,870 82,257 56,405 61,199 139,456 232,327 106,921 Car. truck, or van - Carpooled Public transportation 7,607,907 180,231 65,521 25,527 9,396 16.871 48,072 57,933 146,688 Walked 4,049,337 129,801 26,122 10,961 9,619 7,750 45,998 32,750 56,796 30,387 Taxicab, motorcycle, bicycle, other 2.693.671 196.018 24.841 18.995 12.479 13.412 34,680 40.277

Means of Transportation to Work US FL Miami Dade Broward Hillsborough Orange, FL San Diego Harris, TX King, WA All Workers, by Industry (B08126) 2.752.733 92,198 8,652 2,086 8,755 2,555 12,846 73,344 5,450 Aariculture Car, truck, or van - Drove alone 1,875,580 54,471 4,906 1.594 4,734 1,678 8.529 62,715 2,893 Car, truck, or van - Carpooled 363,719 16,008 2,027 180 2,062 321 1,764 5,851 507 Public transportation 45,837 6,758 333 99 86 209 521 1,644 647 Walked 114,281 3,107 353 8 691 51 201 704 317 Taxicab, motorcycle, bicycle, other 83.507 4.215 562 117 206 247 779 1.255 414 269,809 7,639 Worked at home 471 88 976 49 1,052 1,175 672 93 406 59.552 42,662 39,430 208,936 Construction 9.337.526 629 097 86,296 52,697 Car, truck, or van - Drove alone 6,986,768 470,875 68,012 45,038 31,982 27,900 67,323 151,023 39,837 Car, truck, or van - Carpooled 6,367 7,356 1.416.699 92.372 10.737 8.685 11.054 41.470 7.037 Public transportation 269,137 10,262 4,430 1,545 368 513 1,152 2,662 2,196 Walked 108,641 5,045 773 320 301 275 506 1,883 713 Taxicab, motorcycle, bicycle, other 168,621 16,131 1,673 1,837 887 1,624 1,537 6,952 886 Worked at home 387,660 34,412 7,781 2,127 2,757 1,762 4,724 4,946 2,028 57,368 213,894 Manufacturing 15.224.877 455.328 43.536 31.571 28.463 139.338 107.730 Car, truck, or van - Drove alone 12,459,470 370,955 46,600 35,616 26,240 22,374 113,438 181,206 80,214 20,372 11,540 39,541 5,338 2,644 12,977 Car, truck, or van - Carpooled 1,531,658 3,489 2,838 5,206 5,937 Public transportation 353,961 1,700 686 167 559 2,771 2,828 4.349 1.434 195.992 595 462 323 209 1.106 2.418 Walked Taxicab, motorcycle, bicycle, other 233,401 9,836 918 1,203 658 722 2.730 2,911 2,485 450.395 Worked at home 25.441 2.217 2.080 1.539 1.761 6.316 5.143 5.136 Wholesale trade 3,986,618 244,390 48,288 33,647 18,115 17,114 37,775 79,158 33,320 Car, truck, or van - Drove alone 38,899 27,004 13,556 66,859 24,341 3.201.967 195.610 15.199 28.430 Car, truck, or van - Carpooled 319,563 19,499 4,154 2,919 964 1,443 3,419 6,352 2,877 Public transportation 122,790 3,140 1,245 581 160 134 785 1,437 2,083 559 Walked 52.430 1,898 373 183 151 47 590 525 Taxicab, motorcycle, bicycle, other 56,632 4,453 623 560 318 454 540 528 500 233 236 19.790 2.994 2.400 1.323 1.480 4.011 3.423 2.994 Worked at home 131,583 Retail trade 16,822,831 1,165,931 154,144 121,744 75,358 77,221 161,737 229,711 Car, truck, or van - Drove alone 97,444 61,525 61,191 13.244.101 944,293 119,244 123,251 181,752 78,526 1,464,563 103,415 13,919 10,611 6,487 7,009 14,587 26,137 13,440 Car, truck, or van - Carpooled 802,381 29.020 9.810 5.122 1.307 3.016 7.904 6 6 6 9 20.614 Public transportation Walked 521,401 21,765 4,350 2,034 1,747 1,220 4,998 4,412 10,334 Taxicab, motorcycle, bicycle, other 299,849 27.113 3,076 2,548 1,648 1.789 4,069 4,285 4,152 490,536 40,325 3,745 3,985 2,978 2,662 6,928 6,456 4,517 Worked at home Transportation and warehousing, and u 7,495,781 462,330 95,044 51,047 29,927 33,817 58,300 132,471 51,768 Car, truck, or van - Drove alone 6,126,614 384,737 79,510 42,626 25,178 28,307 47,703 109,698 37,803 Car, truck, or van - Carpooled 563,447 33,782 6,590 3,687 2,027 2,648 4,491 10,481 4,197 290.083 Public transportation 5.993 2,157 909 300 631 1.232 4,420 5.396 2,876 1,448 Walked 91,134 642 240 152 113 313 718 Taxicab, motorcycle, bicycle, other 211,029 17,024 2.040 1.706 960 2.448 2.957 1,655 1,117 213,474 4,105 1,310 4,197 Worked at home 17,918 1,879 1,001 2,113 1,269 3,121,303 Information 171.519 26.156 21.660 15.004 13.431 34.975 28.034 39.784 Car, truck, or van - Drove alone 2,238,971 135,414 20,734 17,736 12,277 10,380 27,047 22,514 22,610 11,158 1,936 1,276 2,414 1,953 3,465 Car. truck. or van - Carpooled 203.242 727 971 Public transportation 268.588 2,137 705 291 100 275 551 565 6,289 Walked 78,333 1,479 279 141 151 101 483 207 2,685 Taxicab, motorcycle, bicycle, other 63,758 3,437 457 285 288 191 683 512 1,513 Worked at home 268,411 17,894 2,045 1,931 1,461 1,513 3,797 2,283 3,222 Finance & insurance, real estate & renta 9.770.141 687.780 95.934 73.563 67,441 44.609 94,566 128.101 67.240 7,294,036 76,029 60,271 71,647 102,585 41,849 Car, truck, or van - Drove alone 548,101 53.882 34.567 4,236 3,273 6,000 7.892 Car. truck. or van - Carpooled 608 041 43,400 6.608 4.123 5.171 Public transportation 735,804 6,431 2,911 772 231 647 1,301 2,631 8,926 1,171 244,423 10.637 2.234 629 2,928 4.687 3,390 Walked 934 Taxicab, motorcycle, bicycle, other 113,049 9,098 1,344 1,106 600 539 1,210 1,057 897 774,788 70,113 6,808 6,357 4,954 11,480 9,249 7,007 Worked at home 7.321 Professional, scientific, and manageme 16,692,183 1,148,046 161,828 127,370 91,606 88,184 226.536 282.344 212,410 Car, truck, or van - Drove alone 11,477,631 842,325 119,503 94,665 68,854 64,811 164,714 212,139 114,910 20,063 Car, truck, or van - Carpooled 1.446.183 108.077 14.189 12.222 8.357 7.542 17.772 29.537 Public transportation 1,273,373 20,252 7,642 2,928 1,334 1,696 5,703 9,892 36,056 3,645 13.493 1,285 3.848 10,314 Walked 379,111 2,726 995 1,176 Taxicab, motorcycle, bicycle, other 346,894 26,164 3,099 1,572 2,222 5,679 2,811 4,750 7,209 13,459 10,494 21.249 1 768 991 137.735 14.669 10.737 29.952 23.858 Worked at home Educational services, and health care a 33,818,226 1,849,268 246,455 186,235 138,083 117.735 314,533 396.765 220,602 157.379 326.586 26.706.569 1.555.243 200.100 117.707 98.710 250.129 143.135 Car. truck. or van - Drove alone Car, truck, or van - Carpooled 2,826,031 162,983 23,004 17,101 11,216 10,915 27,441 36,504 20,587 10,159 8,953 11,036 28,636 Public transportation 1.611.953 28.237 3.961 1.733 2.040 Walked 1,047,467 20,835 4,407 1,385 1,646 1,382 5,942 5,181 11,048 Taxicab, motorcycle, bicycle, other 471,478 22,273 2,630 1,748 1,343 1,024 5,095 5,566 6,014 Worked at home 1,154,728 59,697 6,155 4,661 4,438 3.664 16,973 11,892 11,182

Table A-2. Means of Transportation to Work, 2017

US, Florida and Seven Counties

Means of Transportation to Work	US	FL	Miami Dade	Broward	Hillsborough (Drange, FL	San Diego	Harris, TX	King, WA
All Workers, by Industry (B08126) - Co		1 000 071	140 107	102 245	64.007	100.045	170 550	100 110	107 010
Car truck or van - Drove alone	14,245,429	836 304	96 515	77.066	50 015	122,045 97 <u>4</u> 19	134 276	136 766	61 702
Car, truck, or van - Carpooled	1.563.697	113.422	13.058	10.020	6.278	12.149	16.851	26.590	10.656
Public transportation	1,050,898	44,330	15,561	5,964	2,632	6,188	10,244	9,420	18,416
Walked	728,845	29,527	7,023	3,177	1,533	1,986	6,792	7,081	10,192
Taxicab, motorcycle, bicycle, other	399,427	39,049	6,317	3,732	2,680	2,281	4,721	6,049	2,555
Worked at home	365,062	26,439	3,653	2,286	1,859	2,022	5,672	3,212	3,691
Other services (except public administra	7,222,737	472,046	78,333	51,358	29,443	28,746	79,889	123,943	50,565
Car, truck, or van - Drove alone	5,366,256	363,759	55,480	39,152	22,461	22,102	60,443	97,427	33,926
Car, truck, or van - Carpooled	673,819 371 254	47,058	7,123	5,879	2,957	3,164	8,303	14,875	4,324
Walked	255,253	8,509	1.877	656	505	476	2,173	1,721	2,364
Taxicab. motorcycle. bicycle. other	124,746	10,114	1.542	894	742	733	1.531	1.890	1.134
Worked at home	431,409	29,713	5,900	2,787	2,416	1,527	4,724	4,967	4,162
Public administration	6,925,372	385,492	42,206	37,541	24,311	17,856	77,394	53,601	35,051
Car, truck, or van - Drove alone	5,661,297	337,851	34,837	33,809	21,028	15,254	62,033	45,910	21,013
Car, truck, or van - Carpooled	526,305	26,611	3,090	2,004	1,606	1,468	6,246	4,221	2,938
Public transportation	395,826	4,979	2,450	679	491	219	3,034	1,653	6,658
Taxicab motorcycle bicycle other	93,505	2,439	400	129	396	66 146	2 296	275 570	1,000
Worked at home	151.047	7,986	852	520	624	384	2,230	972	2.604
Armed forces	1,016,285	54,675	1,252	1,088	5,249	463	72,267	1,461	2,153
Car, truck, or van - Drove alone	688,005	39,822	1,047	946	4,226	338	37,599	1,233	1,396
Car, truck, or van - Carpooled	81,985	3,635	97	61	477	102	6,137	92	119
Public transportation	16,022	593	7	0	125	0	1,206	13	179
Walked	138,521	3,842	34	7	87	0	15,476	40	48
l axicab, motorcycle, bicycle, other	23,888	1,485	39	48	181	23	2,291	66 17	135
All Industries	148 432 042	5,290 8 907 171	20 1 251 193	20 912 672	642 522	631 669	9,556	2 140 881	1 117 565
Car. truck. or van - Drove alone	113.464.765	7.079.760	961,416	730.346	514.974	498.921	1,196,562	1.698.413	704.155
Car, truck, or van - Carpooled	13,588,952	820,961	111,870	82,257	56,405	61,199	139,456	232,327	106,921
Public transportation	7,607,907	180,231	65,521	25,527	9,396	16,871	48,072	57,933	146,688
Walked	4,049,337	129,801	26,122	10,961	9,619	7,750	45,998	32,750	56,796
Taxicab, motorcycle, bicycle, other	2,693,671	196,018	24,841	18,995	12,479	13,412	34,680	40,277	30,387
Worked at home	7,027,410	500,400	61,423	44,586	39,649	33,516	110,240	79,181	72,618
No vehicle available	6 /17 702	259.002	53 115	26.070	18 604	18 0/0	34 257	58 9/9	57 7/2
Car. truck or van - Drove alone	1,330,506	84,141	10 824	8 666	6 2 2 5	5,732	12,573	14,951	8.387
Car, truck, or van - Carpooled	713,424	42,319	5,403	3,994	3,799	3,169	3,511	11,028	2,511
Public transportation	2,649,075	58,620	21,029	6,625	3,459	5,886	9,088	16,873	25,510
Walked	934,259	25,069	6,991	2,012	1,979	1,411	3,945	6,028	15,663
Taxicab, motorcycle, bicycle, other	513,285	36,795	5,938	3,552	2,249	2,219	2,870	7,530	3,035
Worked at home	277,243	12,058	3,260	1,221	893	532	2,270	2,539	2,636
One venicle available	30,677,088	2,108,326	312,524	220,759	160,170	155,091	283,275	519,759	276,194
Car, truck, of van - Drove alone	3 136 073	219 647	220,000	23 713	15 592	17 876	202,422	60 739	25 465
Public transportation	2.336.082	57.700	22.553	9.217	2.746	6.470	14.900	17.665	53.457
Walked	1,128,303	42,688	9,349	3,783	3,232	3,072	10,428	12,794	23,624
Taxicab, motorcycle, bicycle, other	762,516	64,412	8,674	6,894	4,344	3,938	9,534	13,621	9,926
Worked at home	1,425,977	124,307	16,767	11,770	9,464	7,718	19,845	17,646	17,725
Two vehicles available	60,594,771	3,992,771	505,228	410,896	293,726	284,521	635,566	901,278	456,474
Car, truck, or van - Drove alone	49,122,368	3,294,561	411,355	340,659	243,558	234,772	506,125	742,610	315,745
Public transportation	5,150,446 1 651 831	38 788	42,201	55,002 6 608	23,104	23,904	50,664 12,619	07,000	44,507
Walked	840,418	34,175	5.973	3 127	2,577	2,003	8,625	7,808	10,838
Taxicab, motorcycle, bicycle, other	806,840	59,452	6,216	5,327	3,738	4,016	12,055	12,122	11,159
Worked at home	3,022,866	235,244	25,864	21,493	18,753	16,613	45,278	36,930	31,284
Three or more vehicles available	49,293,341	2,494,796	374,819	253,610	165,905	171,101	579,868	655,083	320,751
Car, truck, or van - Drove alone	40,760,723	2,087,487	311,539	215,342	139,397	141,331	466,935	541,187	233,029
Car, truck, or van - Carpooled	4,471,835	224,397	35,382	20,804	13,671	16,153	54,813	72,692	34,202
	861,712	19,102	7,483	2,645	909	1,213	9,873	8,724	23,230
Taxicab motorcycle bicycle otbor	571 006	10,140 33 219	2,001 3 680	1,10/ 2 002	2 UZU 202	7 1U 2 120	0,003	4,299 6 739	0,001 6 150
Worked at home	2.069.114	114 444	14 725	9,960	8 945	8.505	32,118	21 443	18.600
All vehicles available	146,982,992	8,854,895	1,246,016	911,335	638,405	629,662	1,532,966	2,135,069	1,111,161
Car, truck, or van - Drove alone	113,101,734	7,065,761	960,386	730,049	513,972	497,852	1,188,055	1,696,042	703,158
Car, truck, or van - Carpooled	13,471,780	816,914	111,549	82,193	56,166	61,152	135,334	231,995	106,685
Public transportation	7,498,700	174,210	64,634	25,095	9,110	16,732	46,480	57,534	145,138
Walked	3,461,841	118,080	24,314	10,689	8,741	7,196	29,551	30,929	55,656
raxicab, motorcycle, bicycle, other Worked at home	2,003,131 6 705 200	193,877 196 052	24,517 60 616	10,805	12,301	13,302	34,035 00 511	40,011 78 559	30,279 70 24F
	0,100,200	-00,000	00,010		30,033	55,500	33,511	10,000	10,240

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.

Table A-2. Means of Transportation to Work, 2017

Means of Transportation to Work	US	FL	Miami Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
						J J J	<u>_</u>		<u> </u>
All Workers, by Class of Worker (B08	128)								
Private for-profit wage and salary worke	101.091.859	6.220.630	891,737	649.908	463.808	477.119	1.010.261	1.620.037	771.796
Car. truck. or van - Drove alone	78 636 772	5 025 185	706.098	526 770	376,382	382,960	801.562	1.301.808	495,440
Car, truck, or van - Carpooled	9 431 777	574 597	77,488	57,352	40,645	45,137	89 406	176 563	77.043
Public transportation	5 /61 985	130 017	17,100	21 300	7 230	14 850	32 200	15 112	104 760
Walked	2 505 521	01 099	47,341	21,300	7,230	6 004	21 227	40,412	40,462
Taviash mataravela kiavala athar	2,505,521	91,900	19,923	0,430	7,011	0,004	21,337	20,000	40,402
Taxicab, motorcycle, bicycle, other	1,877,127	148,393	18,144	15,059	9,865	10,755	22,277	30,846	20,121
Worked at home	3,178,677	241,450	22,743	20,989	22,675	17,413	43,479	39,575	33,970
Self-employed in own incorporated busi	5,203,798	514,439	79,079	64,794	31,263	30,679	57,750	55,323	45,384
Car, truck, or van - Drove alone	3,492,976	349,712	52,590	45,854	21,617	19,326	37,575	38,642	27,371
Car, truck, or van - Carpooled	446,558	48,810	8,056	6,159	2,426	3,697	4,766	5,849	3,865
Public transportation	100,965	3,102	1,299	268	89	107	611	330	1,318
Walked	139,301	6,429	1,221	557	362	338	1,078	767	1,768
Taxicab, motorcycle, bicycle, other	84,027	8,889	1,546	853	470	459	827	627	985
Worked at home	939,971	97,497	14,367	11,103	6,299	6,752	12,893	9,108	10,077
Private not-for-profit wage and salary w	11,895,769	547,094	62,378	44,487	39,377	39,705	103,252	113,851	100,024
Car, truck, or van - Drove alone	8,998,937	443,373	47,252	36,014	32,417	32,383	81,228	91,736	61,827
Car. truck. or van - Carpooled	1.032.573	53.317	6.901	5.064	3.607	4.074	10.096	10.397	9.081
Public transportation	780,541	10,332	3,982	914	328	666	3,570	4,157	15,502
Walked	500 140	9 275	1 478	624	906	690	2 342	2 014	6,346
Taxicab motorcycle bicycle other	210.056	8 980	830	653	524	605	1 028	2,014	3 3 1 6
Worked at home	272 522	21 817	1 035	1 218	1 505	1 287	1,320	2,714	3 052
	0.995.022	21,017	79,407	65,000	1,595	22 601	4,000	2,000	5,952
Con truck on your Draws along	9,000,230	601,093	70,197	65,990	40,506	33,691	91,000	04.475	57,067
Car, truck, of van - Drove alone	8,198,110	521,441	64,778	58,262	34,974	28,820	74,203	94,475	39,589
Car, truck, or van - Carpooled	816,585	51,900	7,073	4,909	3,826	3,140	7,406	10,571	4,741
Public transportation	421,521	8,097	3,315	1,199	559	597	3,406	3,018	8,669
Walked	185,573	4,546	1,335	238	313	100	1,486	847	1,548
Taxicab, motorcycle, bicycle, other	120,662	7,134	828	740	302	311	1,784	1,384	1,416
Worked at home	142,779	7,975	868	642	532	723	3,380	1,216	1,104
State government workers	6,707,265	263,735	21,410	16,559	17,120	13,164	57,750	69,667	55,571
Car, truck, or van - Drove alone	5,256,928	219,074	16,920	13,941	13,937	11,130	43,182	57,477	30,805
Car, truck, or van - Carpooled	628,900	25,246	2,363	1,598	1,575	982	5,158	7,313	4,650
Public transportation	289,233	4,793	968	414	397	284	3,227	2,124	10,398
Walked	234,022	3,598	356	187	334	79	1,648	661	3,542
Taxicab. motorcycle. bicycle. other	122,245	4.356	342	163	188	268	1.528	919	2.561
Worked at home	175,937	6.668	461	256	689	421	3.007	1.173	3.615
Federal government workers	4 713 365	231 535	19 866	14 275	21 798	9 649	134 614	27.051	22 291
Car truck or van - Drove alone	3 586 031	101 138	15,800	12 518	18 192	7 896	89 206	22,965	14 325
Car, truck, of van - Carpooled	308 601	16 817	1 635	860	1 679	1 121	11 561	2 213	2 237
Public transportation	280,031	3 572	1,000	278	1,075	1,121	2 068	633	2,207
Walked	209,420	5,572	1,440	270	433	17	2,900	167	3,300
Taviash matanavala kiavala atkan	200,788	3,133	220	92	179	0.40	10,007	107	712
Taxicab, motorcycle, bicycle, other	84,978	4,894	340	261	655	246	4,232	341	520
Worked at nome	153,449	9,981	401	257	658	253	10,760	732	1,191
Self-employed in own not incorporated	8,705,068	515,007	96,290	55,409	28,022	26,997	117,223	140,317	63,784
Car, truck, or van - Drove alone	5,174,130	322,085	56,702	36,237	17,123	16,014	68,376	89,639	34,074
Car, truck, or van - Carpooled	799,781	48,223	8,010	6,194	2,577	2,966	10,679	18,823	5,028
Public transportation	258,112	11,115	7,131	1,102	348	227	2,022	2,209	2,572
Walked	270,613	8,417	1,427	774	474	495	2,163	2,461	2,301
Taxicab, motorcycle, bicycle, other	188,019	12,783	2,745	1,243	411	726	2,054	3,319	1,404
Worked at home	2,014,413	112,384	20,275	9,859	7,089	6,569	31,929	23,866	18,405
Unpaid family workers	229,688	13,638	2,236	1,250	628	665	2,493	3,124	1,648
Car, truck, or van - Drove alone	120,881	7,752	1,254	750	332	392	1,230	1,671	724
Car, truck, or van - Carpooled	34,087	2,051	344	112	70	82	384	598	276
Public transportation	6,122	203	37	52	10	24	68	50	163
Walked	13 379	415	162	51	40	27	57	0	117
Taxicab motorcycle bicycle other	6 557	589	66	23	64	42	50	127	64
Worked at home	48 662	2 628	373	262	112	98	704	678	304
All classes of workers	1/10,002	2,020	1 251 102	010 670	642 522	531 EEO	1 575 009	2 140 004	1 117 565
An UIASSES UN WUIKEIS	140,432,042	7 070 760	1,201,193	312,072	042,022 514.074	409 004	1,075,008	2,140,001	704 455
Car, truck, or van - Drove alone	12,404,705	1,019,100	901,410	130,346	514,974	498,921	1,190,502	1,090,413	104,155
Car, truck, or van - Carpooled	13,588,952	820,961	111,870	82,257	56,405	61,199	139,456	232,327	106,921
Public transportation	7,607,907	180,231	65,521	25,527	9,396	16,871	48,072	57,933	146,688
Walked	4,049,337	129,801	26,122	10,961	9,619	7,750	45,998	32,750	56,796
I axicab, motorcycle, bicycle, other	2,693,671	196,018	24,841	18,995	12,479	13,412	34,680	40,277	30,387
Worked at home	7,027,410	500,400	61,423	44,586	39,649	33,516	110,240	79,181	72,618

Table A-2. Means of Transportation to Work, 2017

Means of Transportation to Work	US	FL	Miami Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
·	• •		• •				U		<u> </u>
Workers in Households, by Tenure of	f the Househo	lder (B08137)						
Owner-occupied housing unit	97,310,546	5,574,553	700,894	567,693	379,276	348,661	808,394	1,247,008	661,389
Car, truck, or van - Drove alone	78,562,349	4,566,075	569,147	468,917	312,712	282,611	643,472	1,026,796	454,399
Car, truck, or van - Carpooled	8,102,310	460,266	60,448	44,569	28,927	30,196	67,303	118,711	64,922
Public transportation	2,993,677	54,093	19,865	8,802	2,728	4,322	14,912	22,029	61,802
Walked	1,263,200	43,472	5,889	4,287	2,857	1,930	8,460	8,357	14,269
Taxicab, motorcycle, bicycle, other	1,315,434	94,295	10,281	8,755	5,522	5,957	13,176	16,285	15,993
Worked at home	5,073,576	356,352	35,264	32,363	26,530	23,645	61,071	54,830	50,004
Renter-occupied housing unit	49,672,446	3,280,342	545,122	343,642	259,129	281,001	724,572	888,061	449,772
Car, truck, or van - Drove alone	34,539,385	2,499,686	391,239	261,132	201,260	215,241	544,583	669,246	248,759
Car, truck, or van - Carpooled	5,369,470	356,648	51,101	37,624	27,239	30,956	68,031	113,284	41,763
Public transportation	4,505,023	120,117	44,769	16,293	6,382	12,410	31,568	35,505	83,336
Walked	2,198,641	74,608	18,425	6,402	5,884	5,266	21,091	22,572	41,387
Taxicab, motorcycle, bicycle, other	1,338,303	99,582	14,236	10,110	6,839	7,405	20,859	23,726	14,286
Worked at home	1,721,624	129,701	25,352	12,081	11,525	9,723	38,440	23,728	20,241
All tenures	146,982,992	8,854,895	1,246,016	911,335	638,405	629,662	1,532,966	2,135,069	1,111,161
Car, truck, or van - Drove alone	113,101,734	7,065,761	960,386	730,049	513,972	497,852	1,188,055	1,696,042	703,158
Car, truck, or van - Carpooled	13,471,780	816,914	111,549	82,193	56,166	61,152	135,334	231,995	106,685
Public transportation	7,498,700	174,210	64,634	25,095	9,110	16,732	46,480	57,534	145,138
Walked	3,461,841	118,080	24,314	10,689	8,741	7,196	29,551	30,929	55,656
Taxicab, motorcycle, bicycle, other	2,653,737	193,877	24,517	18,865	12,361	13,362	34,035	40,011	30,279
Worked at home	6,795,200	486,053	60,616	44,444	38,055	33,368	99,511	78,558	70,245

Table A-3. Means of Transportation to Work, 2017 (%)

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
· · · · · ·					¥	•	¥		<u> </u>
All Workers (B08301)									
Car, truck, or van	85.60%	88.70%	85.78%	89.04%	88.93%	88.67%	84.83%	90.18%	72.58%
Drove alone	76.44%	79.48%	76.84%	80.02%	80.15%	78.98%	75.97%	79.33%	63.01%
Carpooled	9.15%	9.22%	8.94%	9.01%	8.78%	9.69%	8.85%	10.85%	9.57%
Public transportation	5.13%	2.02%	5.24%	2.80%	1.46%	2.67%	3.05%	2.71%	13.13%
Bus or trolley bus	2.54%	1.84%	4.48%	2.60%	1.44%	2.57%	2.59%	2.58%	12.02%
Streetcar or trolley car	0.06%	0.01%	0.04%	0.00%	0.00%	0.01%	0.17%	0.04%	0.09%
Subway or elevated	1.90%	0.10%	0.57%	0.05%	0.01%	0.04%	0.03%	0.04%	0.50%
Railroad	0.58%	0.07%	0.14%	0.13%	0.00%	0.05%	0.25%	0.03%	0.33%
Ferryboat	0.04%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.18%
Taxicab	0.14%	0.13%	0.24%	0.15%	0.11%	0.12%	0.05%	0.08%	0.13%
Motorcycle	0.18%	0.28%	0.23%	0.19%	0.25%	0.27%	0.58%	0.13%	0.31%
Bicycle	0.59%	0.66%	0.60%	0.59%	0.69%	0.53%	0.69%	0.35%	1.57%
	2.73%	1.46%	2.09%	1.20%	1.50%	1.23%	2.92%	1.53%	5.08%
Other means	0.91%	1.13%	0.92%	1.16%	0.89%	1.21%	0.89%	1.33%	0.70%
	4.73%	5.62%	4.91%	4.89%	6.17%	5.31%	7.00%	3.70%	6.50%
I OTAI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
All workers, by Age (Bustur)	100.00%	100.00%	100.009/	100.00%	100.009/	100.00%	100.00%	100.00%	100.00%
Cor truck or yon Drove clone	70.52%	74.02%	70.110/	72.20%	75 499/	76 10%	100.00%	72 10%	F2 70%
Car, truck, of van - Drove alone	10.53%	12 260/	11 120/	12.29%	11 020/	11 020/	00.90%	16 50%	55.79% 10.67%
Public transportation	5 64%	2 /7%	0.00%	5 00%	3 1/10/	11.03%	5 15%	3 30%	18 0.0%
Walkod	5.04% 6.53%	3.47%	3.09%	2.99%	3.14%	4.29%	2 83%	2 7 4 9/2	3 16%
Taxiaah matarayala hiayala athar	0.00%	2 270/	2.00%	2.00%	2 200/	2 9 5 9/0	2.03 /0	2.14/0	0.410/
Worked at home	2.30%	2.37 %	2.54%	1 60%	3.03%	2.00%	5 36%	1 35%	9.41% 4.07%
25-64 years old	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	77 39%	80.29%	77 71%	80.99%	80.83%	79.60%	78.03%	80.29%	63.98%
Car, truck, of van - Carpooled	8 84%	9.00%	8 74%	8 65%	8 52%	9 45%	8 53%	10 18%	9.61%
Public transportation	5.14%	1.86%	4.78%	2.47%	1.24%	2 42%	2.69%	2.59%	12.66%
Walked	2.13%	1.21%	1.89%	1.01%	1.78%	1.97%	2.12%	1.78%	2.71%
Taxicab, motorcycle, bicycle, other	1.72%	2.04%	1.88%	1.90%	1.22%	0.96%	1.80%	1.31%	4.62%
Worked at home	4.78%	5.61%	5.01%	4.98%	6.41%	5.61%	6.84%	3.85%	6.42%
65 years and over	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	76.50%	77.35%	75.36%	79.08%	79.93%	75.22%	70.14%	78.62%	65.88%
Car, truck, or van - Carpooled	6.25%	6.07%	7.43%	6.33%	5.34%	7.57%	7.81%	7.27%	6.26%
Public transportation	3.65%	1.45%	5.44%	2.14%	1.13%	2.59%	3.06%	3.16%	8.61%
Walked	2.51%	1.70%	2.11%	1.48%	1.50%	2.25%	1.62%	1.38%	1.82%
Taxicab, motorcycle, bicycle, other	1.44%	2.17%	1.69%	1.72%	1.92%	1.61%	2.09%	1.79%	3.85%
Worked at home	9.64%	11.25%	7.98%	9.24%	10.19%	10.76%	15.28%	7.77%	13.58%
All ages	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	76.44%	79.48%	76.84%	80.02%	80.15%	78.98%	75.97%	79.33%	63.01%
Car, truck, or van - Carpooled	9.15%	9.22%	8.94%	9.01%	8.78%	9.69%	8.85%	10.85%	9.57%
Public transportation	5.13%	2.02%	5.24%	2.80%	1.46%	2.67%	3.05%	2.71%	13.13%
Walked	2.73%	1.46%	2.09%	1.20%	1.94%	2.12%	2.20%	1.88%	2.72%
Taxicab, motorcycle, bicycle, other	1.81%	2.20%	1.99%	2.08%	1.50%	1.23%	2.92%	1.53%	5.08%
Worked at home	4.73%	5.62%	4.91%	4.89%	6.17%	5.31%	7.00%	3.70%	6.50%
All Workers, by Place of Birth (B08111)	100.000/	400.000/	100.000/	100.000/	400.000/	400.000	400.000/	100.000/
Native	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	78.48%	80.93%	77.85%	80.96%	81.63%	80.68%	76.57%	81.94%	63.80%
Car, truck, or van - Carpooled	8.22%	8.18%	8.16%	8.10%	7.35%	8.24%	7.63%	8.50%	8.27%
Public transportation	4.13%	1.40%	5.31%	2.33%	1.40%	2.24%	2.00%	2.57%	12.90%
Taxiaah matarayala hiayala athar	2.39%	1.39%	2.09%	1.10%	1.43%	1.22%	3.12%	1.39%	4.94%
Worked at home	1.71%	Z.13%	2.1770	5 34%	6.30%	2.03%	2.21 %	1.4770	2.90%
Foreign-born	4.07 %	100.00%	4.41%	100.00%	100.00%	100.00%	100.00%	4.13%	100.00%
Car truck or van - Drove alone	66.42%	75 27%	76.23%	78 66%	74 32%	73 92%	74 42%	74 25%	60.67%
Car, truck, or van - Carpooled	13 77%	12 24%	9 41%	10.00%	14.32%	14 01%	12 05%	15 44%	13 40%
Public transportation	10.01%	3 59%	5 19%	3 48%	1 70%	3 95%	4 08%	2 97%	13.62%
Walked	3 41%	1.66%	2.09%	1.26%	1.75%	1.25%	2.41%	1.80%	5.51%
Taxicab, motorcycle, bicycle, other	2.34%	2.39%	1.87%	2.02%	2.53%	2.40%	2.03%	2.69%	1.94%
Worked at home	4.05%	4.85%	5.21%	4.22%	5.31%	4.47%	5.01%	2.85%	4.86%
All origins	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	76.44%	79.48%	76.84%	80.02%	80.15%	78.98%	75.97%	79.33%	63.01%
Car, truck, or van - Carpooled	9.15%	9.22%	8.94%	9.01%	8.78%	9.69%	8.85%	10.85%	9.57%
Public transportation	5.13%	2.02%	5.24%	2.80%	1.46%	2.67%	3.05%	2.71%	13.13%
Walked	2.73%	1.46%	2.09%	1.20%	1.50%	1.23%	2.92%	1.53%	5.08%
Taxicab, motorcycle, bicycle, other	1.81%	2.20%	1.99%	2.08%	1.94%	2.12%	2.20%	1.88%	2.72%
Worked at home	4.73%	5.62%	4.91%	4.89%	6.17%	5.31%	7.00%	3.70%	6.50%

Table A-3. Means of Transportation to Work, 2017 (%)

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
		. =	indin 2000	Brothaid	rinezereugii	erange, r =	ean Diege		g,
All Workers, by Earnings (B08119)									
\$1 to \$24 999 or loss	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100 00%
Car truck or van - Drove alone	70.63%	74 01%	71 09%	72 73%	73 41%	73 66%	67 90%	71 65%	57 09%
Car, truck, or van - Carpooled	11.77%	11.94%	10.72%	12.19%	12.27%	12.31%	10.79%	15.11%	10.39%
Public transportation	5.67%	3 63%	8.07%	5 41%	3.06%	5 17%	5 25%	3.89%	14 85%
Walked	4 59%	2.36%	2 92%	2 10%	2 68%	2 02%	5 69%	2 76%	7 07%
Taxicab motorcycle bicycle other	2 40%	2.00%	2.32%	3.07%	2.00%	2.68%	2 61%	2.76%	2 52%
Worked at home	1 9/%	5.07%	4.82%	1 10%	5 71%	1 17%	7 76%	3.64%	8 08%
\$25 000 to \$74 999	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	80.52%	83 58%	81 21%	84 41%	84 16%	83 49%	80 14%	83.03%	65 35%
Car, truck, or van - Carpooled	8 / 8%	8 11%	8.03%	7 01%	7 62%	8 54%	8 79%	9.63%	0.82%
Public transportation	/ 18%	1 12%	3 40%	1 /0%	0.64%	1 10%	2 10%	2 08%	13 02%
Walked	1 73%	0.90%	1 38%	0.75%	0.04%	0.71%	1.63%	0.84%	4 45%
Taxicab motorcycle bicycle other	1 38%	1 61%	1.00%	1 /0%	1 3/1%	1 61%	1.00%	1 25%	2 /3%
Worked at home	3 70%	1.01%	1.70%	3 95%	5 31%	1.01%	5 29%	3 17%	2.43%
\$75,000 or more	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drovo alono	77 00%	80.86%	80.02%	83 61%	82 83%	70 1 4%	80.10%	84.05%	64 48%
Car, truck, or van - Carpoolod	5 02%	5 34%	6.08%	5 07%	4 72%	5 96%	6 04%	5 80%	9 58%
Public transportation	5.92 /0 6 51%	0.62%	0.00%	0.72%	4.72%	0.43%	1 30%	1 00%	11 05%
Walked	1 720/	0.02 /6	2.12/0	0.7270	0.47 %	0.43%	1.3970	0.97%	11.9576
Taxicab motorcyclo bicyclo otbor	1.73%	2 03%	1.79%	0.40%	0.09%	0.70%	2 03%	0.07%	4.40%
Marked at home	1.01% 6.05%	2.03%	7 4 2 9/	0.53%	1.71%	2.23%	2.03%	F 02%	3.24% 7.25%
	100.00%	10.33%	100 00%	100 00%	9.00%	100.00%	9.14%	100.00%	100 00%
All earling levels	76 459/	70.00%	76 9 4 9/	100.00%	90.15%	79 00%	75 099/	70.249/	62 02%
Car, truck, or van - Drove alone	0.45%	79.49%	0.04%	0.03%	00.13%	10.99%	75.90%	19.34%	05.02%
Bublic transportation	9.13%	9.22%	0.94% 5 0.4%	9.01%	0.70%	9.09%	0.00%	0.00%	9.00%
Fublic transportation	0.10%	2.02%	0.24%	2.00%	1.40%	2.07%	3.05%	2.7170	5.00%
Taxiaah matarayala hiayala athar	2.73%	2 200/	2.09%	2 0 00/	1.00%	1.23%	2.92%	1.00%	2 7 2 9/
Marked at home	1.01%	2.20%	1.99%	2.00%	1.94% 6 170/	Z.12%	2.20%	2 70%	2.12%
Workers Who Did Net Work at Heme	4.73%	J.01%	4.91%	4.00%	0.17 %	5.50%	0.99%	3.70%	0.50%
Loss than 15 minutes			100,000/	100.00%	100.000/	100.00%	100.00%	100.00%	100.00%
Cor truck or yop. Drove alone	100.00%	91 96%	75 10%	91 100/	01.00%	91 5 29/	100.00%	100.00%	71 70%
Car, truck, or van - Drove alone	00.70%	01.00%	75.10%	10.210/	10 020/	01.02%	0 7 2 9/	10.20%	71.70% 8.60%
Car, ITUCK, OF Vari - Carpooled	0.93%	9.14%	9.20%	10.31%	10.03%	9.53%	0.72%	10.90%	0.00%
Molled	7 159/	4 900/	0.70%	0.00%	0.70% 5.46%	0.91%	0.75%	0.07% 5 97%	1.9270
Toviceh meterovele hisvele ether	7.15%	4.09%	9.70%	4.20%	5.40% 2.50%	4.31%	9.95%	0.07%	14.44%
15 to 20 minutes	2.42%	3.41%	4.11%	3.44%	2.52%	3.73%	2.00%	2.30%	3.33%
Cor truck or year. Drove along	94 76%	100.00%	94 4 49/	100.00%	100.00%	100.00%	100.00%	95 519/	72 60%
Car, truck, of vari - Drove alone	04.70%	00.49%	04.44%	00.01%	07.29%	00.52%	00.00%	00.01%	73.60%
Car, truck, or van - Carpooled	9.26%	9.56%	9.08%	9.35%	9.02%	9.90%	9.10%	10.31%	9.80%
Public transportation	2.23%	0.99%	2.46%	1.30%	0.70%	1.08%	1.18%	1.43%	7.80%
Toviceh meterovele hisvele ether	1.90%	0.69%	1.90%	0.01%	0.96%	0.75%	1.04%	1.00%	0.00%
Taxicab, motorcycle, bicycle, other	1.79%	2.07%	2.06%	2.03%	2.01%	1.75%	2.22%	1.66%	2.92%
30 to 59 minutes	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	79.51%	85.67%	83.27%	86.47%	87.53%	84.75%	82.52%	83.10%	64.91%
Car, truck, or van - Carpooled	10.09%	9.94%	9.47%	9.11%	8.99%	10.67%	10.49%	11.75%	11.26%
Public transportation	8.20%	2.42%	5.34%	2.63%	1.75%	2.46%	4.39%	3.06%	19.35%
	0.81%	0.41%	0.47%	0.42%	0.23%	0.57%	0.84%	0.29%	2.00%
l axicab, motorcycle, bicycle, other	1.40%	1.55%	1.45%	1.38%	1.50%	1.55%	1.76%	1.79%	2.48%
60 or more minutes	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	62.64%	73.33%	68.98%	70.51%	77.82%	60.15%	64.77%	72.81%	45.67%
Car, truck, or van - Carpooled	11.50%	11.70%	10.19%	9.82%	10.89%	11.64%	10.44%	13.44%	10.77%
Public transportation	22.91%	10.50%	18.49%	15.60%	7.01%	21.78%	19.69%	10.52%	38.76%
walked	0.49%	0.46%	0.29%	0.45%	0.47%	0.88%	0.71%	0.32%	0.98%
I axicab, motorcycle, bicycle, other	2.45%	4.02%	2.05%	3.62%	3.81%	5.55%	4.39%	2.92%	3.82%
Workers who did not work at home	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	80.24%	84.21%	80.81%	84.13%	85.42%	83.41%	81.69%	82.38%	67.39%
Car, truck, or van - Carpooled	9.61%	9.77%	9.40%	9.48%	9.36%	10.23%	9.52%	11.27%	10.23%
Public transportation	5.38%	2.14%	5.51%	2.94%	1.56%	2.82%	3.28%	2.81%	14.04%
Walked	2.86%	1.54%	2.20%	1.26%	1.60%	1.30%	3.14%	1.59%	5.44%
Taxicab, motorcycle, bicycle, other	1.90%	2.33%	2.09%	2.19%	2.07%	2.24%	2.37%	1.95%	2.91%

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
			<u> </u>			- - -			<u> </u>
All Workers, by Industry (B08126)									
Aariculture	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car. truck. or van - Drove alone	68.14%	59.08%	56.70%	76.41%	54.07%	65.68%	66.39%	85.51%	53.08%
Car. truck, or van - Carpooled	13.21%	17.36%	23.43%	8.63%	23.55%	12.56%	13.73%	7.98%	9.30%
Public transportation	1.67%	7.33%	3.85%	4 75%	0.98%	8 18%	4.06%	2 24%	11.87%
Walked	4 15%	3 37%	4 08%	0.38%	7 89%	2 00%	1.56%	0.96%	5 82%
Taxicab motorcycle bicycle other	3 03%	4 57%	6.50%	5.61%	2.35%	9.67%	6.06%	1 71%	7 60%
Worked at home	9.80%	8 29%	5 44%	4 22%	11 15%	1 92%	8 19%	1.60%	12 33%
Construction	100.00%	100.00%	100.00%	100 00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	74 82%	7/ 85%	72 81%	75 63%	7/ 97%	70 76%	78.01%	72 28%	75.60%
Car, truck, of van - Drove alone	15 170/	14.00%	11 400/	1/ 500/	14.97 /0	19 669/	10.01/0	10.95%	12 250/
Bublic transportation	0 000/	14.00%	11.49%	14.00%	14.92%	1 2 0 9/	1 2 2 0 1 70	19.00%	13.33%
Public transportation	2.00%	1.03%	4.74%	2.39%	0.00%	1.30%	1.33%	1.27%	4.17%
Vvalkeu	1.10%	0.60%	0.03%	0.54%	0.71%	0.70%	0.59%	0.90%	1.35%
Taxicab, motorcycle, bicycle, other	1.81%	2.56%	1.79%	3.08%	2.08%	4.12%	1.78%	3.33%	1.68%
Worked at nome	4.15%	5.47%	8.33%	3.57%	0.40%	4.47%	5.47%	2.37%	3.85%
Manufacturing	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	81.84%	81.47%	81.23%	81.81%	83.11%	78.61%	81.41%	84.72%	74.46%
Car, truck, or van - Carpooled	10.06%	8.68%	9.30%	8.01%	8.37%	9.97%	9.31%	9.52%	10.71%
Public transportation	2.32%	1.14%	2.96%	1.58%	0.53%	1.96%	1.99%	1.32%	5.51%
Walked	1.29%	0.96%	1.04%	1.06%	1.02%	0.73%	0.79%	0.67%	2.24%
Taxicab, motorcycle, bicycle, other	1.53%	2.16%	1.60%	2.76%	2.08%	2.54%	1.96%	1.36%	2.31%
Worked at home	2.96%	5.59%	3.86%	4.78%	4.87%	6.19%	4.53%	2.40%	4.77%
Wholesale trade	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	80.32%	80.04%	80.56%	80.26%	83.90%	79.21%	75.26%	84.46%	73.05%
Car, truck, or van - Carpooled	8.02%	7.98%	8.60%	8.68%	5.32%	8.43%	9.05%	8.02%	8.63%
Public transportation	3.08%	1.28%	2.58%	1.73%	0.88%	0.78%	2.08%	1.82%	6.25%
Walked	1.32%	0.78%	0.77%	0.54%	0.83%	0.27%	1.56%	0.71%	1.58%
Taxicab, motorcycle, bicycle, other	1.42%	1.82%	1.29%	1.66%	1.76%	2.65%	1.43%	0.67%	1.50%
Worked at home	5.85%	8.10%	6.20%	7.13%	7.30%	8.65%	10.62%	4.32%	8.99%
Retail trade	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	78.73%	80.99%	77.36%	80.04%	81.20%	79.67%	76.20%	79.12%	59.68%
Car, truck, or van - Carpooled	8.71%	8.87%	9.03%	8.72%	8.61%	9.08%	9.02%	11.38%	10.21%
Public transportation	4.77%	2,49%	6.36%	4.21%	1.73%	3.91%	4.89%	2.90%	15.67%
Walked	3.10%	1.87%	2.82%	1.67%	2.32%	1.58%	3.09%	1.92%	7.85%
Taxicab motorcycle bicycle other	1.78%	2.33%	2.00%	2.09%	2.19%	2.32%	2.52%	1.87%	3.16%
Worked at home	2 92%	3 46%	2.00%	3 27%	3 95%	3 45%	4 28%	2.81%	3 43%
Transportation and warehousing and u	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	81 73%	83 22%	83.66%	83 50%	8/ 13%	83 71%	81 82%	82.81%	73 02%
Car, truck, or van - Drove alone	7 5 20/	7 210/	6 02%	7 220/	6 770/	7 0 20/	7 700/	7 019/	0 110/
Bublic transportation	7.52%	1 200/	0.93%	1.22%	1.00%	1 0 7 0/	2 1 1 0 70	7.91%	0.11%
Fublic transportation	3.07 %	1.30%	2.21%	0.470/	0.51%	1.07 %	2.11%	0.54%	10.42%
Vvalkeu	1.22%	0.02%	0.00%	0.47%	0.51%	0.33%	0.54%	0.54%	2.00%
Taxicab, motorcycle, bicycle, other	2.82%	3.68%	2.15%	3.34%	3.21%	3.30%	4.20%	2.23%	3.20%
vvorked at nome	2.85%	3.88%	4.32%	3.68%	4.38%	2.96%	3.62%	3.17%	2.45%
Information	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	/1./3%	78.95%	79.27%	81.88%	81.82%	77.28%	77.33%	80.31%	56.83%
Car, truck, or van - Carpooled	6.51%	6.51%	7.40%	5.89%	4.85%	7.23%	6.90%	6.97%	8.71%
Public transportation	8.60%	1.25%	2.70%	1.34%	0.67%	2.05%	1.58%	2.02%	15.81%
Walked	2.51%	0.86%	1.07%	0.65%	1.01%	0.75%	1.38%	0.74%	6.75%
Taxicab, motorcycle, bicycle, other	2.04%	2.00%	1.75%	1.32%	1.92%	1.42%	1.95%	1.83%	3.80%
Worked at home	8.60%	10.43%	7.82%	8.92%	9.74%	11.26%	10.86%	8.14%	8.10%
Finance & insurance, real estate & renta	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	74.66%	79.69%	79.25%	81.93%	79.90%	77.49%	75.76%	80.08%	62.24%
Car, truck, or van - Carpooled	6.22%	6.31%	6.89%	5.60%	6.28%	7.34%	6.34%	6.16%	7.69%
Public transportation	7.53%	0.94%	3.03%	1.05%	0.34%	1.45%	1.38%	2.05%	13.27%
Walked	2.50%	1.55%	2.33%	1.27%	1.74%	1.41%	3.10%	3.66%	5.04%
Taxicab, motorcycle, bicycle, other	1.16%	1.32%	1.40%	1.50%	0.89%	1.21%	1.28%	0.83%	1.33%
Worked at home	7.93%	10.19%	7.10%	8.64%	10.86%	11.11%	12.14%	7.22%	10.42%
Professional, scientific, and manageme	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	68.76%	73.37%	73.85%	74.32%	75.16%	73.50%	72.71%	75.13%	54.10%
Car, truck, or van - Carpooled	8.66%	9.41%	8.77%	9.60%	9.12%	8.55%	7.85%	10.46%	9.45%
Public transportation	7.63%	1.76%	4.72%	2.30%	1.46%	1.92%	2.52%	3.50%	16.97%
Walked	2.27%	1.18%	1.68%	1.01%	1.09%	1.33%	1.61%	1.36%	4.86%
Taxicab, motorcycle, bicycle. other	2.08%	2.28%	1.91%	2.21%	1.72%	2.52%	2.10%	2.01%	3.39%
Worked at home	10.60%	12.00%	9.06%	10.57%	11.46%	12.18%	13.22%	7.53%	11.23%
Educational services, and health care a	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car. truck. or van - Drove alone	78.97%	84.10%	81.19%	84,51%	85.24%	83.84%	79.52%	82.31%	64.88%
Car. truck, or van - Carpooled	8.36%	8 81%	9.33%	9 18%	8 12%	9 27%	8 72%	9 20%	9.33%
Public transportation	4 77%	1.53%	4 12%	2 13%	1 26%	1 73%	2 85%	2 78%	12 98%
Walked	3 10%	1 13%	1 70%	0 74%	1 10%	1 17%	1 80%	1 31%	5 01%
Taxicab motorcycle bicycle other	1 30%	1 20%	1 07%	0.7 4 70 N 0.1 %	n a7%	n 87%	1 62%	1 / 0%	2 72%
Worked at home	3 41%	3 23%	2.50%	2.50%	3 21%	3 11%	5 40%	3 00%	5 07%
	0.7170	0.20/0	2.0070	2.00 /0	0.21/0	0.11/0	0.70/0	0.0070	0.01 /0

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
	·								
All Workers, by Industry (B08126) - Co	ontinued								
Arts, entertainment & recreation, accom	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	71.16%	76.79%	67.91%	75.37%	76.95%	79.82%	75.20%	72.32%	57.55%
Car, truck, or van - Carpooled	10.98%	10.41%	9.19%	9.80%	9.66%	9.95%	9.44%	14.06%	9.94%
Public transportation	7.38%	4.07%	10.95%	5.83%	4.05%	5.07%	5.74%	4.98%	17.18%
Walked	5.12%	2.71%	4.94%	3.11%	2.36%	1.63%	3.80%	3.74%	9.51%
Taxicab, motorcycle, bicycle, other	2.80%	3.59%	4.44%	3.65%	4.12%	1.87%	2.64%	3.20%	2.38%
Worked at home	2.56%	2.43%	2.57%	2.24%	2.86%	1.66%	3.18%	1.70%	3.44%
Other services (except public administra	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	74.30%	77.06%	70.83%	76.23%	76.29%	76.89%	75.66%	78.61%	67.09%
Car, truck, or van - Carpooled	9.33%	9.97%	9.09%	11.45%	10.04%	11.01%	10.39%	12.00%	8.55%
Public transportation	5.14%	2.73%	8.18%	3.87%	1.23%	2.59%	3.40%	2.47%	9.21%
	3.53%	1.80%	2.40%	1.28%	1.72%	1.66%	2.72%	1.39%	4.68%
l axicab, motorcycle, bicycle, other	1.73%	2.14%	1.97%	1.74%	2.52%	2.55%	1.92%	1.52%	2.24%
Worked at nome	5.97%	6.29%	7.53%	5.43%	8.21%	5.31%	5.91%	4.01%	8.23%
Public administration	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	81.75%	87.64%	82.54%	90.06%	86.50%	85.43%	80.15%	85.65%	59.95%
Car, truck, or van - Carpooled	7.60%	6.90%	7.32%	5.34%	0.01%	8.22%	8.07%	7.87%	8.38%
Public transportation	5.72%	1.29%	5.80%	1.81%	2.02%	1.23%	3.92%	3.08%	19.00%
Walked	1.35%	0.63%	1.08%	0.34%	0.68%	0.48%	1.09%	0.51%	2.85%
Verked at home	1.41%	1.46%	1.23%	1.07%	1.63%	2.50%	2.97%	1.06%	2.39%
	2.10%	2.07%	2.02%	1.39%	2.57%	2.15%	3.00%	1.01%	7.43%
Armed forces	100.00%	72.92%	100.00%	100.00%	100.00%	72.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	67.70%	12.83%	83.63%	86.95%	80.51%	73.00%	52.03%	84.39%	64.84%
Dublic transportation	0.07%	0.00%	7.75%	0.00%	9.09%	22.03%	0.49%	0.30%	5.53%
Public transportation	1.30%	1.00%	0.50%	0.00%	2.30%	0.00%	1.07%	0.69%	0.31%
Walked	13.03%	7.03%	2.72%	0.64%	1.00%	0.00%	21.42%	2.74%	2.23%
Verked at home	2.35%	2.72%	3.12%	4.41%	3.45%	4.97%	3.17%	4.52%	0.27%
Worked at nome	0.08%	9.69%	2.24%	2.39%	2.91%	0.00%	13.23%	1.16%	12.82%
All Industries	700.00%	70.00%	76.94%	100.00%	100.00%	70.00%	700.00%	70.00%	100.00%
Car, truck, of van - Drove alone	70.44%	/ 9.40%	70.04%	0.02%	00.15%	10.90%	10.91%	19.33%	03.01%
Car, truck, of vari - Carpooled	9.15%	9.22%	0.94%	9.01%	0.70%	9.09%	0.00%	10.00%	9.57%
Public transportation	5.13%	2.02%	5.24%	2.80%	1.46%	2.67%	3.05%	2.71%	13.13%
Vvalkeu Taviaah mataravala hiavala athar	2.73%	1.40%	2.09%	1.20%	1.50%	1.23%	2.92%	1.53%	5.00%
Marked at home	1.01%	2.20%	1.99%	2.00%	1.94%	Z.12%	2.20%	1.00%	2.72%
Workers in Households, by Vehicles A	4.73%	5.02%	4.91%	4.09%	0.17%	5.31%	7.00%	3.70%	0.00%
No vohicle available		100.00%	100 00%	100 00%	100 00%	100.00%	100.00%	100 00%	100 00%
Car truck or van - Drovo alono	20.73%	32 /0%	20.25%	33 24%	33.46%	30.25%	36 70%	25 36%	14 52%
Car, truck, or van - Carpoolod	20.7376	16 3/0/	20.2376	15 32%	20 42%	16 72%	10.25%	23.30%	14.52 /6
Public transportation	/1 28%	22 63%	30.35%	25 / 19/	18 50%	31.06%	26 53%	28 62%	4.33 /0
Walked	41.20%	0.68%	13 0.8%	7 72%	10.53%	7 45%	11 52%	20.02 %	44.10% 27.13%
Taxicab motorcycle bicycle other	8 00%	9.00 % 1/ 21%	11 11%	13.62%	12 09%	11 71%	8 38%	12 77%	5 26%
Worked at home	4 3 2%	4.21%	6 10%	1 68%	12.09%	2 81%	6.63%	12.77/0	J.20%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drovo alono	71 35%	75 87%	72 53%	74 02%	77 01%	7/ 81%	71 /6%	76 44%	52 86%
Car, truck, or van - Carpooled	10.22%	10 /2%	9 1 2%	10.74%	0.73%	11 53%	0.23%	11 60%	9.22%
Public transportation	7.62%	2 74%	7 22%	/ 18%	1 71%	/ 17%	5.26%	3 40%	10 35%
Walked	3.68%	2.74%	2 99%	1 71%	2 02%	1 98%	3.68%	2.46%	8 55%
Taxicab motorcycle bicycle other	2 49%	3.06%	2.33%	3 12%	2.02%	2 54%	3 37%	2.40%	3 59%
Worked at home	4 65%	5 90%	5.37%	5.33%	5 91%	4 98%	7 01%	3 40%	6 42%
Two vehicles available	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	81 07%	82 51%	81 42%	82 91%	82 92%	82 51%	79.63%	82 40%	69 17%
Car truck or van - Carpooled	8 50%	8 28%	8.36%	8 20%	7 87%	8 42%	8 00%	9 71%	9 75%
Public transportation	2 73%	0.20%	2.69%	1 61%	0.68%	1 11%	1 99%	1 58%	9.41%
Walked	1 39%	0.86%	1 18%	0.76%	0.88%	0.70%	1.36%	0.87%	2 37%
Taxicab motorcycle bicycle other	1.33%	1 49%	1 23%	1.30%	1 27%	1 41%	1 90%	1.34%	2.01%
Worked at home	4 99%	5 89%	5 12%	5 23%	6 38%	5 84%	7 12%	4 10%	6.85%
Three or more vehicles available	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	82 69%	83 67%	83 12%	84 91%	84 02%	82 60%	80.52%	82 61%	72 65%
Car, truck, of van - Carpooled	9.07%	8 99%	9.11%	8 20%	8 24%	9.11%	9.45%	11 10%	10.66%
Public transportation	1 75%	0.00%	2 00%	1 04%	0.24%	0.71%	1 70%	1 33%	7 24%
Walked	1 1 3%	0.65%	0.53%	0.70%	0.50%	0.41%	1.13%	0.66%	1 72%
Taxicab motorcycle bicycle other	1 16%	1 33%	0.00%	1 22%	1 22%	1 86%	1 65%	1 03%	1 92%
Worked at home	4 20%	4 59%	3 03%	3 03%	5 30%	4 97%	5 54%	3 27%	5 80%
All vehicles available	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%
Car truck or van - Drove alone	76 95%	70 70%	77 0.8%	RU 110/	80.50%	79 07%	77 50%	70 //0/	63 28%
Car. truck or van - Carpooled	9 17%	9.23%	8 95%	9 N2%	8 80%	9 71%	8 83%	10.87%	9 60%
Public transportation	5 10%	1 97%	5 19%	2 75%	1 43%	2 66%	3 0.3%	2 69%	13.06%
Walked	2.36%	1.33%	1 95%	1 17%	1.37%	1 14%	1 93%	1 45%	5 01%
Taxicab, motorcycle, bicycle, other	1.81%	2 19%	1.97%	2.07%	1.94%	2.12%	2.22%	1.87%	2.72%
Worked at home	4.62%	5.49%	4.86%	4.88%	5.96%	5.30%	6.49%	3.68%	6.32%
		5			5.0070	5.0070	5 70	5.0070	5.5270

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
·	•		•				¥ _ ;		•
All Workers, by Class of Worker (B081	28)								
Private for-profit wage and salary worke	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car. truck. or van - Drove alone	77.79%	80.78%	79.18%	81.05%	81.15%	80.27%	79.34%	80.36%	64.19%
Car. truck. or van - Carpooled	9.33%	9.24%	8.69%	8.82%	8.76%	9.46%	8.85%	10.90%	9.98%
Public transportation	5.40%	2.23%	5.31%	3.28%	1.56%	3.11%	3.19%	2.80%	13.57%
Walked	2 48%	1 48%	2 23%	1.30%	1.51%	1 26%	2 11%	1 59%	5 24%
Taxicab motorcycle bicycle other	1.86%	2.39%	2.20%	2.32%	2 13%	2 25%	2 21%	1 90%	2 61%
Worked at home	3 1/1%	3.88%	2.00%	3 23%	1 80%	3 65%	1 30%	2 1/1%	4 40%
Self-employed in own incorporated busi	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or van - Drove alone	67 1 2%	67.08%	66 50%	70 77%	60 15%	62 00%	65.06%	60.85%	60.31%
Car, truck, of van - Diove alone	07.12/0	07.90%	10 10%	0.51%	7 76%	12.05%	03.00%	10 57%	00.31%
Dublic transportation	0.00%	9.49%	10.19%	9.31%	0.00%	12.05%	0.20%	0.60%	0.02%
Public transportation	1.94%	0.00%	1.04%	0.41%	0.20%	0.35%	1.00%	0.00%	2.90%
Taviash mataravala hisvala athar	2.00%	1.20%	1.54%	0.00%	1.10%	1.10%	1.07%	1.39%	3.90%
l'axicab, motorcycle, bicycle, other	1.01%	1.73%	1.96%	1.32%	1.50%	1.50%	1.43%	1.13%	2.17%
worked at nome	18.06%	18.95%	18.17%	17.14%	20.15%	22.01%	22.33%	16.46%	22.20%
Private not-for-profit wage and salary w	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	75.65%	81.04%	75.75%	80.95%	82.32%	81.56%	78.67%	80.58%	61.81%
Car, truck, or van - Carpooled	8.68%	9.75%	11.06%	11.38%	9.16%	10.26%	9.78%	9.13%	9.08%
Public transportation	6.56%	1.89%	6.38%	2.05%	0.83%	1.68%	3.46%	3.65%	15.50%
Walked	4.20%	1.70%	2.37%	1.40%	2.30%	1.74%	2.27%	1.77%	6.34%
Taxicab, motorcycle, bicycle, other	1.77%	1.64%	1.33%	1.47%	1.33%	1.52%	1.87%	2.38%	3.32%
Worked at home	3.14%	3.99%	3.10%	2.74%	4.05%	3.24%	3.96%	2.49%	3.95%
Local government workers	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	82.93%	86.75%	82.84%	88.29%	86.34%	85.54%	80.95%	84.72%	69.37%
Car, truck, or van - Carpooled	8.26%	8.63%	9.05%	7.44%	9.45%	9.32%	8.08%	9.48%	8.31%
Public transportation	4.26%	1.35%	4.24%	1.82%	1.38%	1.77%	3.72%	2.71%	15.19%
Walked	1.88%	0.76%	1.71%	0.36%	0.77%	0.30%	1.62%	0.76%	2.71%
Taxicab, motorcycle, bicycle, other	1.22%	1.19%	1.06%	1.12%	0.75%	0.92%	1.95%	1.24%	2.48%
Worked at home	1.44%	1.33%	1.11%	0.97%	1.31%	2.15%	3.69%	1.09%	1.93%
State government workers	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	78.38%	83.07%	79.03%	84.19%	81.41%	84.55%	74.77%	82.50%	55.43%
Car, truck, or van - Carpooled	9.38%	9.57%	11.04%	9.65%	9.20%	7.46%	8.93%	10.50%	8.37%
Public transportation	4.31%	1.82%	4.52%	2.50%	2.32%	2.16%	5.59%	3.05%	18.71%
Walked	3.49%	1.36%	1.66%	1.13%	1.95%	0.60%	2.85%	0.95%	6.37%
Taxicab, motorcycle, bicycle, other	1.82%	1.65%	1.60%	0.98%	1.10%	2.04%	2.65%	1.32%	4.61%
Worked at home	2.62%	2.53%	2.15%	1.55%	4.02%	3.20%	5.21%	1.68%	6.51%
Federal government workers	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car. truck or van - Drove alone	76.08%	82.55%	79.64%	87.69%	83 46%	81.83%	66.27%	84.90%	64 26%
Car truck or van - Carpooled	8 46%	7 26%	8 23%	6.09%	7 70%	11 62%	8 59%	8 18%	10.04%
Public transportation	6 14%	1 54%	7 29%	1 95%	2.00%	1 20%	2 20%	2 34%	14 83%
Walked	4 26%	2 22%	1 11%	0.64%	0.82%	0.18%	11 80%	0.62%	3 19%
Taxicab motorcycle bicycle other	1.80%	2.2270	1.71%	1 83%	3.00%	2 55%	3 1/1%	1 26%	2 33%
Worked at home	3 26%	/ 31%	2 02%	1.00%	3.00%	2.00%	7 99%	2 71%	5 34%
Self-employed in own not incorporated	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car truck or yop. Drove clope	50 4 49/	62 5 49/	F0 000/	65 40%	61 110/	50.22%	EQ 220/	62 000/0	52 420/
Car, truck, of van - Diove alone	0 1 09/	02.04%	00.09%	11 1 00/	01.11%	10 00%	0 110/	12 / 10/	7 000/
Dublic transportation	9.19%	9.30%	0.32%	1.10%	9.20%	10.99%	9.11%	13.41%	1.00%
Public transportation	2.97%	2.10%	1.41%	1.99%	1.24%	0.04%	1.72%	1.57%	4.03%
	3.11%	1.03%	1.40%	1.40%	1.09%	1.03%	1.00%	1.75%	3.01%
l axicab, motorcycle, bicycle, other	2.16%	2.48%	2.85%	2.24%	1.47%	2.69%	1.75%	2.37%	2.20%
Worked at nome	23.14%	21.82%	21.06%	17.79%	25.30%	24.33%	27.24%	17.01%	28.86%
Unpaid family workers	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	52.63%	56.84%	56.08%	60.00%	52.87%	58.95%	49.34%	53.49%	43.93%
Car, truck, or van - Carpooled	14.84%	15.04%	15.38%	8.96%	11.15%	12.33%	15.40%	19.14%	16.75%
Public transportation	2.67%	1.49%	1.65%	4.16%	1.59%	3.61%	2.73%	1.60%	9.89%
Walked	5.82%	3.04%	7.25%	4.08%	6.37%	4.06%	2.29%	0.00%	7.10%
Taxicab, motorcycle, bicycle, other	2.85%	4.32%	2.95%	1.84%	10.19%	6.32%	2.01%	4.07%	3.88%
Worked at home	21.19%	19.27%	16.68%	20.96%	17.83%	14.74%	28.24%	21.70%	18.45%
All classes of workers	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	76.44%	79.48%	76.84%	80.02%	80.15%	78.98%	75.97%	79.33%	63.01%
Car, truck, or van - Carpooled	9.15%	9.22%	8.94%	9.01%	8.78%	9.69%	8.85%	10.85%	9.57%
Public transportation	5.13%	2.02%	5.24%	2.80%	1.46%	2.67%	3.05%	2.71%	13.13%
Walked	2.73%	1.46%	2.09%	1.20%	1.50%	1.23%	2.92%	1.53%	5.08%
Taxicab, motorcycle, bicycle, other	1.81%	2.20%	1.99%	2.08%	1.94%	2.12%	2.20%	1.88%	2.72%
Worked at home	4.73%	5.62%	4.91%	4.89%	6.17%	5.31%	7.00%	3.70%	6.50%

Means of Transportation to Work	US	FL	Miami-Dade	Broward	Hillsborough	Orange, FL	San Diego	Harris, TX	King, WA
Workers in Households, by Tenure o	f the Househo	older (B0813	7)						
Owner-occupied housing unit	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	80.73%	81.91%	81.20%	82.60%	82.45%	81.06%	79.60%	82.34%	68.70%
Car, truck, or van - Carpooled	8.33%	8.26%	8.62%	7.85%	7.63%	8.66%	8.33%	9.52%	9.82%
Public transportation	3.08%	0.97%	2.83%	1.55%	0.72%	1.24%	1.84%	1.77%	9.34%
Walked	1.30%	0.78%	0.84%	0.76%	0.75%	0.55%	1.05%	0.67%	2.16%
Taxicab, motorcycle, bicycle, other	1.35%	1.69%	1.47%	1.54%	1.46%	1.71%	1.63%	1.31%	2.42%
Worked at home	5.21%	6.39%	5.03%	5.70%	6.99%	6.78%	7.55%	4.40%	7.56%
Renter-occupied housing unit	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	69.53%	76.20%	71.77%	75.99%	77.67%	76.60%	75.16%	75.36%	55.31%
Car, truck, or van - Carpooled	10.81%	10.87%	9.37%	10.95%	10.51%	11.02%	9.39%	12.76%	9.29%
Public transportation	9.07%	3.66%	8.21%	4.74%	2.46%	4.42%	4.36%	4.00%	18.53%
Walked	4.43%	2.27%	3.38%	1.86%	2.27%	1.87%	2.91%	2.54%	9.20%
Taxicab, motorcycle, bicycle, other	2.69%	3.04%	2.61%	2.94%	2.64%	2.64%	2.88%	2.67%	3.18%
Worked at home	3.47%	3.95%	4.65%	3.52%	4.45%	3.46%	5.31%	2.67%	4.50%
All tenures	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van - Drove alone	76.95%	79.79%	77.08%	80.11%	80.51%	79.07%	77.50%	79.44%	63.28%
Car, truck, or van - Carpooled	9.17%	9.23%	8.95%	9.02%	8.80%	9.71%	8.83%	10.87%	9.60%
Public transportation	5.10%	1.97%	5.19%	2.75%	1.43%	2.66%	3.03%	2.69%	13.06%
Walked	2.36%	1.33%	1.95%	1.17%	1.37%	1.14%	1.93%	1.45%	5.01%
Taxicab, motorcycle, bicycle, other	1.81%	2.19%	1.97%	2.07%	1.94%	2.12%	2.22%	1.87%	2.72%
Worked at home	4.62%	5.49%	4.86%	4.88%	5.96%	5.30%	6.49%	3.68%	6.32%

Table A-4. Miami-Dade County

Number of Workers by Means of Transportation to Work by Traffic Analysis District 2017

Means of Transportation to Work	Totals	01	02	03	04	05	06	07	08	09	10	11
Total	1,251,193	50,423	27,481	35,931	49,752	38,890	59,882	27,613	37,547	14,659	26,054	20,313
Car, truck, or van	1,073,286	42,616	24,951	33,400	46,457	32,938	52,148	24,673	30,207	12,976	20,764	13,757
- Drove alone	961,416	38,952	22,849	29,792	42,468	29,065	47,294	22,436	27,108	11,674	18,145	12,355
- Carpooled	111,870	3,664	2,102	3,608	3,989	3,873	4,854	2,237	3,099	1,302	2,619	1,402
 In 2-person carpool 	82,592	2,909	1,732	2,776	3,316	2,888	3,842	1,783	2,461	992	1,914	1,217
 In 3-person carpool 	18,002	368	283	413	489	622	475	368	497	250	334	148
 In 4-person carpool 	6,636	157	25	167	70	259	267	35	111	0	249	26
- In 5- or 6-person carpool	2,597	78	61	214	31	30	139	51	11	58	119	11
 In 7-or-more-person carpool 	2,043	152	1	38	83	74	131	0	19	2	3	0
Public transportation	65,521	2,538	1,549	1,521	692	423	1,455	2,023	3,519	892	3,564	2,346
- Bus or trolley bus	56,088	2,490	1,505	1,452	542	338	1,228	1,877	3,453	852	3,518	2,285
- Streetcar or trolley car	555	0	0	0	0	0	8	0	0	0	0	0
 Subway or elevated 	7,118	0	44	49	142	33	169	94	46	23	0	61
- Railroad	1,723	48	0	20	8	52	50	52	6	17	46	0
- Ferryboat	37	0	0	0	0	0	0	0	14	0	0	0
Taxicab	3,024	206	123	0	54	70	186	83	301	30	267	272
Motorcycle	2,855	72	11	0	39	9	76	9	175	33	39	354
Bicycle	7,484	155	46	41	32	1	126	90	258	115	143	287
Walked	26,122	1,174	107	292	266	405	786	175	875	290	343	1,046
Other means	11,478	414	284	184	308	127	219	156	390	75	247	277
Worked at home	61,423	3,248	410	493	1,904	4,917	4,886	404	1,822	248	687	1,974
Total (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van	85.78%	84.52%	90.79%	92.96%	93.38%	84.70%	87.08%	89.35%	80.45%	88.52%	79.70%	67.73%
- Drove alone	76.84%	77.25%	83.14%	82.91%	85.36%	74.74%	78.98%	81.25%	72.20%	79.64%	69.64%	60.82%
- Carpooled	8.94%	7.27%	7.65%	10.04%	8.02%	9.96%	8.11%	8.10%	8.25%	8.88%	10.05%	6.90%
 In 2-person carpool 	6.60%	5.77%	6.30%	7.73%	6.67%	7.43%	6.42%	6.46%	6.55%	6.77%	7.35%	5.99%
 In 3-person carpool 	1.44%	0.73%	1.03%	1.15%	0.98%	1.60%	0.79%	1.33%	1.32%	1.71%	1.28%	0.73%
 In 4-person carpool 	0.53%	0.31%	0.09%	0.46%	0.14%	0.67%	0.45%	0.13%	0.30%	0.00%	0.96%	0.13%
- In 5- or 6-person carpool	0.21%	0.15%	0.22%	0.60%	0.06%	0.08%	0.23%	0.18%	0.03%	0.40%	0.46%	0.05%
 In 7-or-more-person carpool 	0.16%	0.30%	0.00%	0.11%	0.17%	0.19%	0.22%	0.00%	0.05%	0.01%	0.01%	0.00%
Public transportation	5.24%	5.03%	5.64%	4.23%	1.39%	1.09%	2.43%	7.33%	9.37%	6.08%	13.68%	11.55%
- Bus or trolley bus	4.48%	4.94%	5.48%	4.04%	1.09%	0.87%	2.05%	6.80%	9.20%	5.81%	13.50%	11.25%
 Streetcar or trolley car 	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
 Subway or elevated 	0.57%	0.00%	0.16%	0.14%	0.29%	0.08%	0.28%	0.34%	0.12%	0.16%	0.00%	0.30%
- Railroad	0.14%	0.10%	0.00%	0.06%	0.02%	0.13%	0.08%	0.19%	0.02%	0.12%	0.18%	0.00%
- Ferryboat	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%
Taxicab	0.24%	0.41%	0.45%	0.00%	0.11%	0.18%	0.31%	0.30%	0.80%	0.20%	1.02%	1.34%
Motorcycle	0.23%	0.14%	0.04%	0.00%	0.08%	0.02%	0.13%	0.03%	0.47%	0.23%	0.15%	1.74%
Bicycle	0.60%	0.31%	0.17%	0.11%	0.06%	0.00%	0.21%	0.33%	0.69%	0.78%	0.55%	1.41%
Walked	2.09%	2.33%	0.39%	0.81%	0.53%	1.04%	1.31%	0.63%	2.33%	1.98%	1.32%	5.15%
Other means	0.92%	0.82%	1.03%	0.51%	0.62%	0.33%	0.37%	0.56%	1.04%	0.51%	0.95%	1.36%
Worked at home	4.91 <u>%</u>	6.44%	1.49%	1.37%	3.83%	12.64%	8.16%	1.46%	4.85%	1.69%	2.64%	9.72%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.

Table A-4. Miami-Dade County Number of Workers by Means of Transportatio 2017

Means of Transportation to Work	Totals	12	13	14	15	16	17	18	19	20	21	22
Total	1,251,193	23,271	18,141	18,168	18,886	17,740	27,405	24,399	24,338	13,213	10,800	10,942
Car, truck, or van	1,073,286	17,289	13,020	14,036	16,792	16,114	24,666	12,971	16,097	9,401	8,316	9,202
- Drove alone	961,416	15,441	11,689	12,676	15,336	14,519	22,014	11,498	14,876	8,594	6,884	8,247
- Carpooled	111,870	1,848	1,331	1,360	1,456	1,595	2,652	1,473	1,221	807	1,432	955
 In 2-person carpool 	82,592	1,629	1,099	1,007	1,086	1,203	2,027	1,265	974	632	1,104	702
 In 3-person carpool 	18,002	121	161	173	250	191	486	96	145	72	144	177
 In 4-person carpool 	6,636	82	30	138	19	189	53	42	39	30	159	35
 In 5- or 6-person carpool 	2,597	10	15	42	23	10	77	0	0	12	0	41
 In 7-or-more-person carpool 	2,043	6	26	0	78	2	9	70	63	61	25	0
Public transportation	65,521	1,631	3,096	2,993	450	478	232	1,593	2,316	1,679	1,493	1,108
- Bus or trolley bus	56,088	1,569	2,998	2,877	357	431	116	1,449	1,273	1,592	1,198	1,014
- Streetcar or trolley car	555	0	0	0	0	0	29	0	58	59	70	0
- Subway or elevated	7,118	18	74	116	77	41	59	89	741	28	200	29
- Railroad	1,723	44	24	0	16	6	28	55	244	0	25	49
- Ferryboat	37	0	0	0	0	0	0	0	0	0	0	16
Taxicab	3,024	219	43	6	0	0	10	257	169	20	107	16
Motorcycle	2,855	276	79	8	17	44	31	466	81	104	81	15
Bicycle	7,484	234	281	95	104	25	42	1,886	220	312	116	67
Walked	26,122	1,023	605	519	274	210	295	4,062	3,061	646	442	221
Other means	11,478	381	287	248	73	90	201	432	195	220	168	153
Worked at home	61,423	2,218	730	263	1,176	779	1,928	2,732	2,199	831	77	160
Total (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van	85.78%	74.29%	71.77%	77.26%	88.91%	90.83%	90.01%	53.16%	66.14%	71.15%	77.00%	84.10%
- Drove alone	76.84%	66.35%	64.43%	69.77%	81.20%	81.84%	80.33%	47.12%	61.12%	65.04%	63.74%	75.37%
- Carpooled	8.94%	7.94%	7.34%	7.49%	7.71%	8.99%	9.68%	6.04%	5.02%	6.11%	13.26%	8.73%
 In 2-person carpool 	6.60%	7.00%	6.06%	5.54%	5.75%	6.78%	7.40%	5.18%	4.00%	4.78%	10.22%	6.42%
 In 3-person carpool 	1.44%	0.52%	0.89%	0.95%	1.32%	1.08%	1.77%	0.39%	0.60%	0.54%	1.33%	1.62%
 In 4-person carpool 	0.53%	0.35%	0.17%	0.76%	0.10%	1.07%	0.19%	0.17%	0.16%	0.23%	1.47%	0.32%
- In 5- or 6-person carpool	0.21%	0.04%	0.08%	0.23%	0.12%	0.06%	0.28%	0.00%	0.00%	0.09%	0.00%	0.37%
 In 7-or-more-person carpool 	0.16%	0.03%	0.14%	0.00%	0.41%	0.01%	0.03%	0.29%	0.26%	0.46%	0.23%	0.00%
Public transportation	5.24%	7.01%	17.07%	16.47%	2.38%	2.69%	0.85%	6.53%	9.52%	12.71%	13.82%	10.13%
- Bus or trolley bus	4.48%	6.74%	16.53%	15.84%	1.89%	2.43%	0.42%	5.94%	5.23%	12.05%	11.09%	9.27%
 Streetcar or trolley car 	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%	0.00%	0.24%	0.45%	0.65%	0.00%
- Subway or elevated	0.57%	0.08%	0.41%	0.64%	0.41%	0.23%	0.22%	0.36%	3.04%	0.21%	1.85%	0.27%
- Railroad	0.14%	0.19%	0.13%	0.00%	0.08%	0.03%	0.10%	0.23%	1.00%	0.00%	0.23%	0.45%
- Ferryboat	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%
Taxicab	0.24%	0.94%	0.24%	0.03%	0.00%	0.00%	0.04%	1.05%	0.69%	0.15%	0.99%	0.15%
Motorcycle	0.23%	1.19%	0.44%	0.04%	0.09%	0.25%	0.11%	1.91%	0.33%	0.79%	0.75%	0.14%
Bicycle	0.60%	1.01%	1.55%	0.52%	0.55%	0.14%	0.15%	7.73%	0.90%	2.36%	1.07%	0.61%
Walked	2.09%	4.40%	3.33%	2.86%	1.45%	1.18%	1.08%	16.65%	12.58%	4.89%	4.09%	2.02%
Other means	0.92%	1.64%	1.58%	1.37%	0.39%	0.51%	0.73%	1.77%	0.80%	1.67%	1.56%	1.40%
Worked at home	4.91%	9.53%	4.02%	1.45%	6.23%	4.39%	7.04%	11.20%	9.04%	6.29%	0.71%	1.46%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.
Table A-4. Miami-Dade County Number of Workers by Means of Transportatio 2017

Means of Transportation to Work	Totals	23	24	25	26	27	28	29	30	31	32	33
Total	1,251,193	71,621	61,956	68,019	44,995	61,518	35,375	24,794	17,642	9,881	23,260	43,550
Car, truck, or van	1,073,286	57,593	54,701	62,107	41,900	57,443	32,302	19,932	14,222	7,933	20,839	40,157
- Drove alone	961,416	50,326	49,458	56,664	37,859	53,567	29,112	18,031	13,201	7,511	19,071	36,398
- Carpooled	111,870	7,267	5,243	5,443	4,041	3,876	3,190	1,901	1,021	422	1,768	3,759
 In 2-person carpool 	82,592	5,338	4,205	3,857	2,902	2,809	2,268	1,588	838	342	1,302	2,683
 In 3-person carpool 	18,002	1,129	629	1,146	744	687	708	182	128	22	355	679
 In 4-person carpool 	6,636	534	161	309	285	282	154	51	44	15	66	185
 In 5- or 6-person carpool 	2,597	162	164	90	50	47	19	68	11	18	0	78
 In 7-or-more-person carpool 	2,043	104	84	41	60	51	41	12	0	25	45	134
Public transportation	65,521	8,466	2,650	1,641	476	1,004	829	1,335	522	519	1,012	1,026
- Bus or trolley bus	56,088	7,902	2,164	1,460	383	771	440	362	351	190	213	631
 Streetcar or trolley car 	555	18	95	7	7	0	0	66	0	22	39	41
 Subway or elevated 	7,118	357	337	160	67	203	352	727	141	285	653	240
- Railroad	1,723	189	54	7	19	30	37	180	30	22	107	114
- Ferryboat	37	0	0	7	0	0	0	0	0	0	0	0
Taxicab	3,024	103	87	112	0	48	42	28	11	15	0	0
Motorcycle	2,855	143	186	71	0	25	54	35	3	0	0	35
Bicycle	7,484	630	287	276	24	53	91	318	246	48	72	130
Walked	26,122	2,253	1,106	1,263	200	346	237	1,321	333	20	327	450
Other means	11,478	291	385	161	330	359	255	276	318	121	68	609
Worked at home	61,423	2,142	2,554	2,388	2,065	2,240	1,565	1,549	1,987	1,225	942	1,143
Total (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van	85.78%	80.41%	88.29%	91.31%	93.12%	93.38%	91.31%	80.39%	80.61%	80.29%	89.59%	92.21%
- Drove alone	76.84%	70.27%	79.83%	83.31%	84.14%	87.08%	82.30%	72.72%	74.83%	76.01%	81.99%	83.58%
- Carpooled	8.94%	10.15%	8.46%	8.00%	8.98%	6.30%	9.02%	7.67%	5.79%	4.27%	7.60%	8.63%
 In 2-person carpool 	6.60%	7.45%	6.79%	5.67%	6.45%	4.57%	6.41%	6.40%	4.75%	3.46%	5.60%	6.16%
 In 3-person carpool 	1.44%	1.58%	1.02%	1.68%	1.65%	1.12%	2.00%	0.73%	0.73%	0.22%	1.53%	1.56%
 In 4-person carpool 	0.53%	0.75%	0.26%	0.45%	0.63%	0.46%	0.44%	0.21%	0.25%	0.15%	0.28%	0.42%
- In 5- or 6-person carpool	0.21%	0.23%	0.26%	0.13%	0.11%	0.08%	0.05%	0.27%	0.06%	0.18%	0.00%	0.18%
 In 7-or-more-person carpool 	0.16%	0.15%	0.14%	0.06%	0.13%	0.08%	0.12%	0.05%	0.00%	0.25%	0.19%	0.31%
Public transportation	5.24%	11.82%	4.28%	2.41%	1.06%	1.63%	2.34%	5.38%	2.96%	5.25%	4.35%	2.36%
- Bus or trolley bus	4.48%	11.03%	3.49%	2.15%	0.85%	1.25%	1.24%	1.46%	1.99%	1.92%	0.92%	1.45%
- Streetcar or trolley car	0.04%	0.03%	0.15%	0.01%	0.02%	0.00%	0.00%	0.27%	0.00%	0.22%	0.17%	0.09%
 Subway or elevated 	0.57%	0.50%	0.54%	0.24%	0.15%	0.33%	1.00%	2.93%	0.80%	2.88%	2.81%	0.55%
- Railroad	0.14%	0.26%	0.09%	0.01%	0.04%	0.05%	0.10%	0.73%	0.17%	0.22%	0.46%	0.26%
- Ferryboat	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxicab	0.24%	0.14%	0.14%	0.16%	0.00%	0.08%	0.12%	0.11%	0.06%	0.15%	0.00%	0.00%
Motorcycle	0.23%	0.20%	0.30%	0.10%	0.00%	0.04%	0.15%	0.14%	0.02%	0.00%	0.00%	0.08%
Bicycle	0.60%	0.88%	0.46%	0.41%	0.05%	0.09%	0.26%	1.28%	1.39%	0.49%	0.31%	0.30%
Walked	2.09%	3.15%	1.79%	1.86%	0.44%	0.56%	0.67%	5.33%	1.89%	0.20%	1.41%	1.03%
Other means	0.92%	0.41%	0.62%	0.24%	0.73%	0.58%	0.72%	1.11%	1.80%	1.22%	0.29%	1.40%
Worked at home	4.91%	2.99%	4.12%	3.51%	4.59%	3.64%	4.42%	6.25%	11.26%	12.40%	4.05%	2.62%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.

Table A-4. Miami-Dade County Number of Workers by Means of Transportatio 2017

Means of Transportation to Work	Totals	34	35	36	37	38	39	40	41	42
Total	1,251,193	31,885	18,706	12,043	26,588	21,205	31,677	16,438	20,834	13,358
Car, truck, or van	1,073,286	29,702	15,931	10,922	23,665	19,097	28,377	13,045	18,637	11,990
- Drove alone	961,416	26,789	14,189	9,236	20,670	16,665	23,200	9,463	15,627	10,467
- Carpooled	111,870	2,913	1,742	1,686	2,995	2,432	5,177	3,582	3,010	1,523
 In 2-person carpool 	82,592	1,879	942	944	1,957	1,581	3,705	1,675	2,186	1,033
 In 3-person carpool 	18,002	638	630	322	827	621	856	671	474	291
 In 4-person carpool 	6,636	250	170	382	161	153	336	674	152	90
- In 5- or 6-person carpool	2,597	104	0	38	30	57	173	275	121	59
 In 7-or-more-person carpool 	2,043	42	0	0	20	20	107	287	77	50
Public transportation	65,521	743	1,729	323	848	764	1,235	1,713	876	219
- Bus or trolley bus	56,088	503	1,462	100	550	668	1,124	1,674	644	82
- Streetcar or trolley car	555	7	0	0	0	0	0	0	29	0
 Subway or elevated 	7,118	222	240	215	298	63	88	39	161	137
- Railroad	1,723	11	27	8	0	33	23	0	42	0
- Ferryboat	37	0	0	0	0	0	0	0	0	0
Taxicab	3,024	12	8	0	0	0	88	18	0	13
Motorcycle	2,855	16	0	18	87	14	88	37	24	0
Bicycle	7,484	118	55	7	90	11	39	180	41	92
Walked	26,122	114	90	27	195	158	116	267	108	74
Other means	11,478	404	484	85	448	529	345	450	234	197
Worked at home	61,423	776	409	661	1,255	632	1,389	728	914	773
Total (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Car, truck, or van	85.78%	93.15%	85.17%	90.69%	89.01%	90.06%	89.58%	79.36%	89.45%	89.76%
- Drove alone	76.84%	84.02%	75.85%	76.69%	77.74%	78.59%	73.24%	57.57%	75.01%	78.36%
- Carpooled	8.94%	9.14%	9.31%	14.00%	11.26%	11.47%	16.34%	21.79%	14.45%	11.40%
 In 2-person carpool 	6.60%	5.89%	5.04%	7.84%	7.36%	7.46%	11.70%	10.19%	10.49%	7.73%
 In 3-person carpool 	1.44%	2.00%	3.37%	2.67%	3.11%	2.93%	2.70%	4.08%	2.28%	2.18%
 In 4-person carpool 	0.53%	0.78%	0.91%	3.17%	0.61%	0.72%	1.06%	4.10%	0.73%	0.67%
 In 5- or 6-person carpool 	0.21%	0.33%	0.00%	0.32%	0.11%	0.27%	0.55%	1.67%	0.58%	0.44%
 In 7-or-more-person carpool 	0.16%	0.13%	0.00%	0.00%	0.08%	0.09%	0.34%	1.75%	0.37%	0.37%
Public transportation	5.24%	2.33%	9.24%	2.68%	3.19%	3.60%	3.90%	10.42%	4.20%	1.64%
 Bus or trolley bus 	4.48%	1.58%	7.82%	0.83%	2.07%	3.15%	3.55%	10.18%	3.09%	0.61%
 Streetcar or trolley car 	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.14%	0.00%
 Subway or elevated 	0.57%	0.70%	1.28%	1.79%	1.12%	0.30%	0.28%	0.24%	0.77%	1.03%
- Railroad	0.14%	0.03%	0.14%	0.07%	0.00%	0.16%	0.07%	0.00%	0.20%	0.00%
- Ferryboat	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxicab	0.24%	0.04%	0.04%	0.00%	0.00%	0.00%	0.28%	0.11%	0.00%	0.10%
Motorcycle	0.23%	0.05%	0.00%	0.15%	0.33%	0.07%	0.28%	0.23%	0.12%	0.00%
Bicycle	0.60%	0.37%	0.29%	0.06%	0.34%	0.05%	0.12%	1.10%	0.20%	0.69%
Walked	2.09%	0.36%	0.48%	0.22%	0.73%	0.75%	0.37%	1.62%	0.52%	0.55%
Other means	0.92%	1.27%	2.59%	0.71%	1.68%	2.49%	1.09%	2.74%	1.12%	1.47%
Worked at home	4.91 <u>%</u>	2.43%	2.19%	5.49%	4.72%	2.98%	4.38%	4.43%	4.39%	5.79%

Source: US Bureau of the Census, 2017 American Community Survey (5-Year Data). Prepared by the South Florida Regional Planning Council.