

# Where We Stand 7th Edition – Update 8

## Transportation Mode Split

June 27, 2018

WWS 7<sup>th</sup> Edition, Data, & Updates

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## Non-Single Occupancy Vehicle Travel

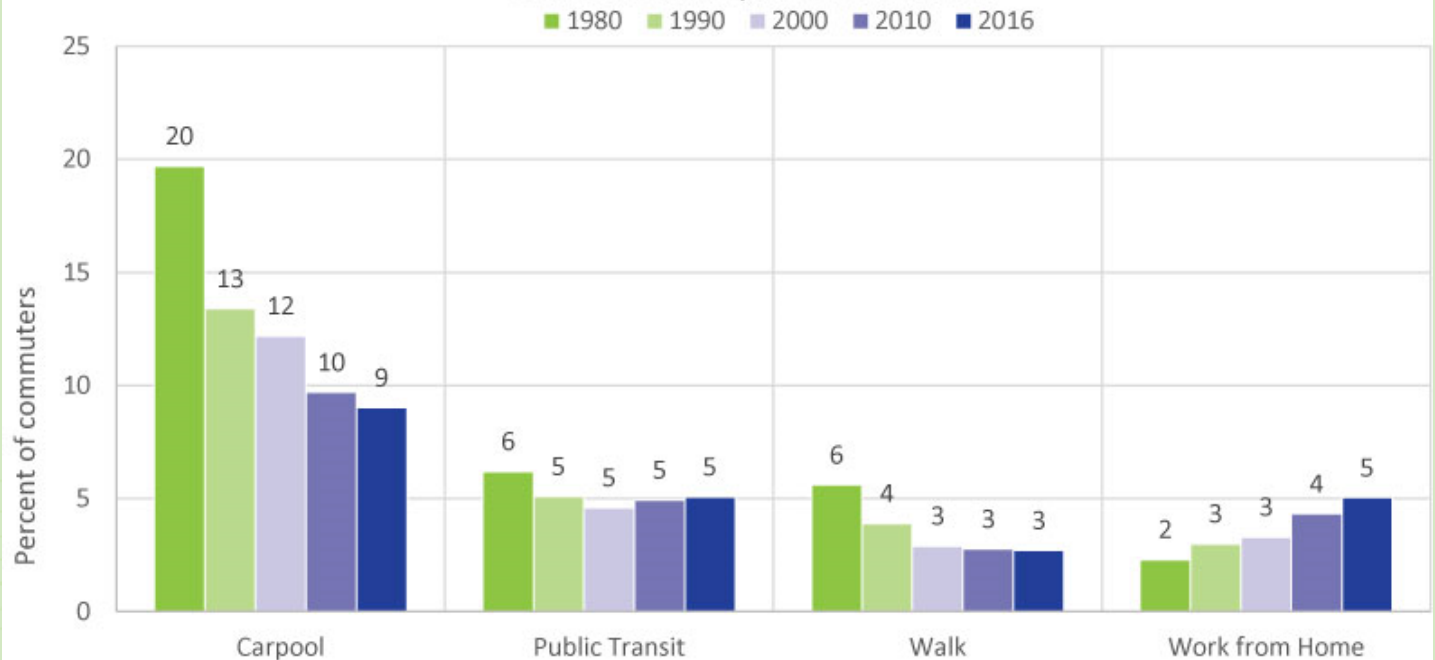
Percent of workers walking, biking, carpooling, working from home, or taking public transit to work, 2016

1	New York	49.1
2	San Francisco	40.0
3	Washington, D.C.	32.6
4	Boston	32.0
5	Seattle	30.6
6	Chicago	28.5
7	Portland	28.1
8	Philadelphia	26.4
9	Salt Lake City	24.3
10	San Jose	24.2
11	Denver	23.7
12	Los Angeles	23.6
13	San Diego	22.8
14	Austin	22.8
15	Pittsburgh	22.5
	<b>United States</b>	<b>22.5</b>
16	Baltimore	22.3
17	Phoenix	22.0
18	Sacramento	22.0
19	Minneapolis	21.5
20	New Orleans	21.3
21	Atlanta	20.9
22	Miami	20.9
23	Riverside	20.4
24	San Antonio	19.7
25	Tampa	19.6
26	Las Vegas	19.1
27	Milwaukee	18.8
28	Virginia Beach	18.8
29	Hartford	18.6
30	Raleigh	18.5
31	Providence	18.5
32	Orlando	18.2
33	Charlotte	18.1
34	Dallas	18.1
35	Houston	17.9
36	Cleveland	17.8
37	Jacksonville	17.6
38	Cincinnati	17.6
39	Nashville	17.2
40	Richmond	16.7
41	<b>St. Louis</b>	<b>16.6</b>
42	Buffalo	16.6
43	Columbus	16.4
44	Louisville	16.3
45	Memphis	15.8
46	Oklahoma City	15.6
47	Kansas City	15.5
48	Detroit	14.9
49	Indianapolis	14.7
50	Birmingham	13.4

Source: U.S. Census, American Community Survey, 1-Year Estimates

# Non-Single Occupancy Vehicle Travel

Figure 3: Non-Single Occupancy Vehicle Mode Split  
United States, 1980 to 2016



Source: U.S. Census Bureau, Decennial Census, American Community Survey 1-Year Estimates

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## Workers Who Commute by Driving Alone

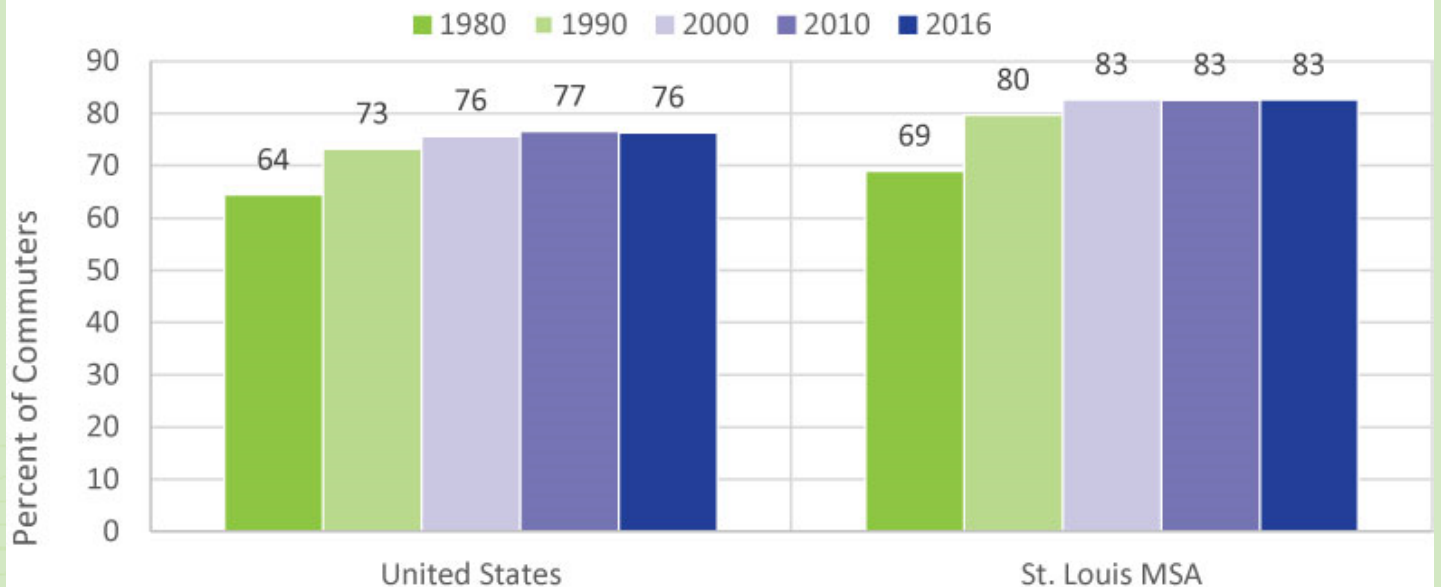
Percent of Workers, 2016

1	<b>Birmingham</b>	<b>85.6</b>
2	Indianapolis	84.5
3	Detroit	84.3
4	Kansas City	83.8
5	Oklahoma City	83.2
6	Memphis	83.2
7	Buffalo	82.8
8	<b>St. Louis</b>	<b>82.6</b>
9	Louisville	82.5
10	Columbus	82.5
11	Richmond	82.4
12	Nashville	81.8
13	Cincinnati	81.7
14	Cleveland	81.3
15	Jacksonville	81.0
16	Charlotte	80.9
17	Providence	80.9
18	Dallas	80.8
19	Houston	80.8
20	Raleigh	80.6
21	Orlando	80.5
22	Milwaukee	80.4
23	Hartford	80.4
24	Virginia Beach	79.7
25	Las Vegas	79.4
26	San Antonio	79.0
27	Tampa	78.9
28	Riverside	78.4
29	Miami	77.7
30	Minneapolis	77.7
31	Atlanta	77.6
32	New Orleans	77.2
33	Sacramento	76.9
34	Pittsburgh	76.7
35	Baltimore	76.6
	<b>United States</b>	<b>76.3</b>
36	Phoenix	76.2
37	Austin	76.0
38	San Diego	75.7
39	Denver	75.2
40	Los Angeles	75.0
41	Salt Lake City	74.8
42	San Jose	74.5
43	Philadelphia	72.6
44	Portland	70.9
45	Chicago	70.3
46	Seattle	68.3
47	Boston	66.6
48	Washington, D.C.	65.9
49	San Francisco	58.1
50	<b>New York</b>	<b>49.5</b>

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates

# Single Occupancy Vehicle Travel

### Figure 2: Single Occupancy Vehicle Travel United States & St. Louis MSA, 1980 to 2016

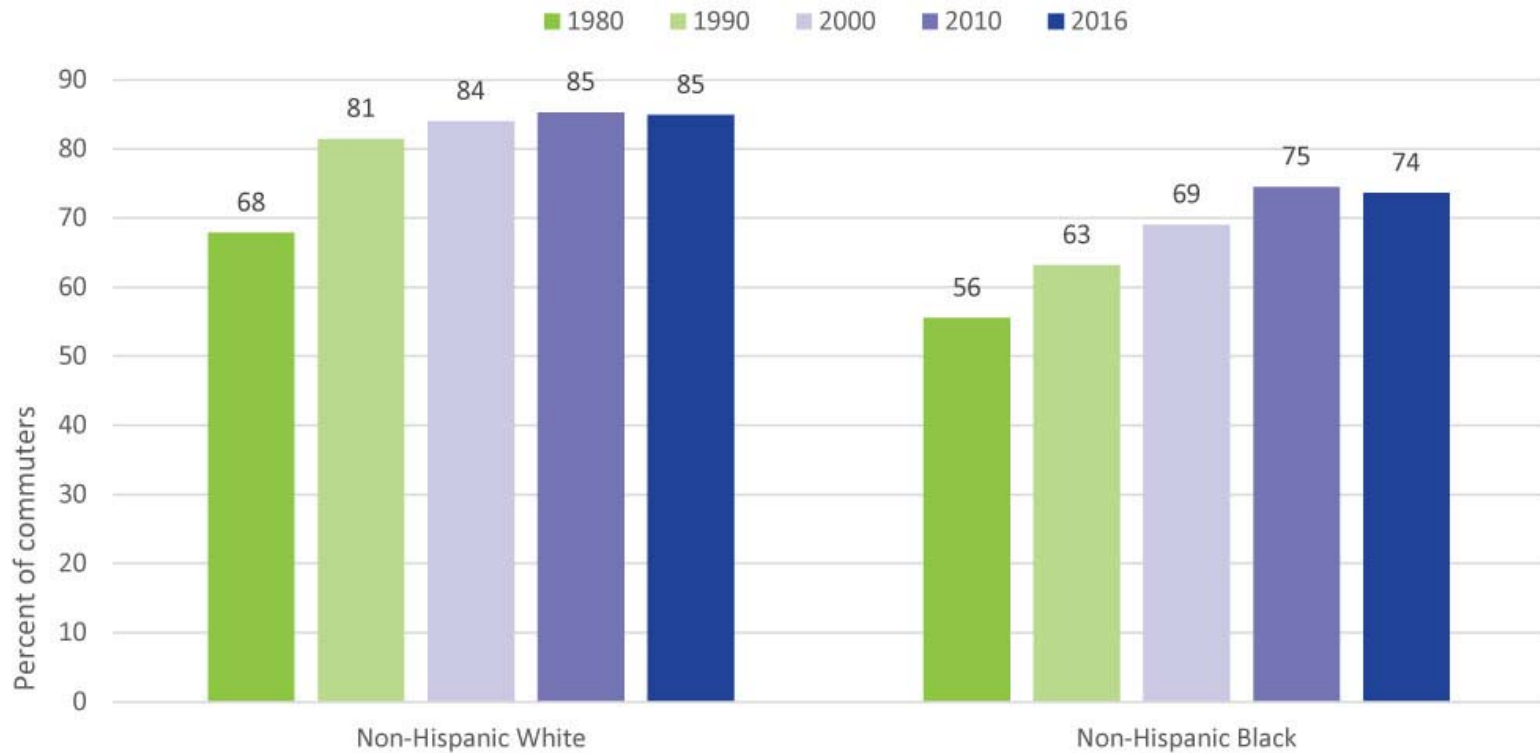


Source: U.S. Census Bureau, Decennial Census, American Community Survey 1-Year Estimates

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# Transportation Mode Split by Race

**Figure 7: Percent of Commuters Driving Alone by Race and Ethnicity**  
St. Louis MSA, 1980 to 2016



Source: U.S. Census Bureau, Decennial Census (IPUMS), American Community Survey 1-Year Estimates (American Factfinder)

# Transportation Mode Split by County

**Table 1: Mode Split  
East-West Gateway (EWG) Region, 2012-2016**

County	Drive Alone	Carpool	Public Transit	Bicycle	Walk	Work from Home	Total Non-SOV <sup>1</sup>
Madison	85.4	6.9	1.7	0.2	1.1	4.0	13.8
Monroe	84.7	7.7	0.6	0.0	1.0	5.7	15.1
St. Clair	82.0	7.4	4.2	0.2	1.7	3.2	16.8
Franklin	84.3	9.7	0.6	0.1	1.7	2.9	15.1
Jefferson	86.1	9.3	0.2	0.0	0.6	3.4	13.5
St. Charles	86.4	6.1	0.2	0.1	0.9	5.6	12.8
St. Louis	83.3	6.7	2.6	0.2	1.5	4.8	15.9
City of St. Louis	71.6	8.7	9.8	0.9	4.3	3.6	27.3
<b>EWG Region</b>	<b>82.8</b>	<b>7.3</b>	<b>2.8</b>	<b>0.3</b>	<b>1.6</b>	<b>4.4</b>	<b>16.4</b>

*1 Total Non-SOV includes carpool, public transit, bicycle, walk, and work from home.*

*Source: U.S. Census Bureau, American Community Survey 5-Year Estimates (B08301).*

# Transportation Mode Split by Generation

**Table 5: Mode Split by Generation  
St. Louis MSA, 2016**

	Aged 20-35 (Millennials)	Aged 36-51 (Generation X)	Aged 52-70 (Baby Boomers)	All Ages
Drive Alone	81.5	81.4	82.7	81.3
Carpool	7.9	6.7	6.5	7.1
Public Transit	3.0	2.5	1.7	2.7
Walk	1.5	1.1	0.9	1.4
Work from Home	3.4	5.7	5.3	4.7

Source: IPUMS, U.S. Census Bureau, American Community Survey 1-Year Estimates

Workers Who Commute by Carpool		Workers Who Work at Home		Workers Who Commute by Public Transportation		Workers Who Commute by Walking		Workers Who Commute by Biking	
Percent of Workers, 2016		Percent of Workers, 2016		Percent of Workers, 2016		Percent of Workers, 2016		Percent of Workers, 2016	
1	<b>Riverside</b> 11.8	1	<b>Austin</b> 8.7	1	New York 31.4	1	New York 5.8	1	<b>Portland</b> 2.3
2	Phoenix 11.2	2	Phoenix 8.1	2	San Francisco 17.2	2	Boston 5.2	2	San Francisco 2.1
3	New Orleans 11.0	3	Raleigh 7.8	3	Washington, D.C. 13.4	3	San Francisco 4.5	3	San Jose 1.6
4	Salt Lake City 10.7	4	Tampa 7.4	4	Boston 13.1	4	Seattle 4.1	4	Sacramento 1.6
5	San Antonio 10.6	5	San Diego 7.1	5	Chicago 12.0	5	Virginia Beach 3.8	5	Seattle 1.1
6	San Jose 10.6	6	Portland 7.1	6	Seattle 9.5	6	Philadelphia 3.6	6	New Orleans 1.1
7	Houston 10.2	7	Sacramento 7.0	7	Philadelphia 9.3	7	Providence 3.4	7	Boston 1.0
8	Las Vegas 9.9	8	Atlanta 7.0	8	Portland 6.4	8	Washington, D.C. 3.4	8	Washington, D.C. 0.9
9	Memphis 9.8	9	Phoenix 6.8	9	Baltimore 6.1	9	Portland 3.2	9	Austin 0.8
10	Seattle 9.7	10	San Francisco 6.7	10	Pittsburgh 6.0	10	San Diego 3.2	10	Los Angeles 0.8
11	Dallas 9.7	11	Charlotte 6.3	<b>United States</b> 5.1		11	Pittsburgh 3.2	11	Minneapolis 0.8
12	Los Angeles 9.6	12	Nashville 6.1	11	Los Angeles 5.1	12	Chicago 3.1	12	Tampa 0.8
13	San Francisco 9.6	13	Seattle 6.1	12	Minneapolis 4.7	<b>United States</b> 2.7		13	Denver 0.7
14	Sacramento 9.5	14	Orlando 5.8	13	Salt Lake City 4.6	13	Milwaukee 2.7	14	Phoenix 0.7
15	Austin 9.4	15	Salt Lake City 5.8	14	San Jose 4.3	14	Baltimore 2.6	15	Chicago 0.7
16	Miami 9.3	16	Minneapolis 5.7	15	Denver 4.0	15	Los Angeles 2.5	16	Salt Lake City 0.7
17	Washington, D.C. 9.3	17	Dallas 5.7	16	Miami 3.8	16	Salt Lake City 2.5	17	San Diego 0.7
18	Virginia Beach 9.3	18	Washington, D.C. 5.7	17	Las Vegas 3.7	17	Hartford 2.5	18	New York 0.7
19	Atlanta 9.2	19	Jacksonville 5.7	18	Milwaukee 3.6	18	Buffalo 2.4	19	Philadelphia 0.6
20	Oklahoma City 9.2	20	Los Angeles 5.5	19	Buffalo 3.5	19	Denver 2.3	20	Jacksonville 0.6
21	Charlotte 9.2	21	Miami 5.5	20	Cleveland 3.1	20	Cleveland 2.3	<b>United States</b> 0.6	
22	Portland 9.1	22	Riverside 5.5	21	Atlanta 3.1	21	San Jose 2.3	21	Miami 0.5
23	Orlando 9.1	23	Cincinnati 5.5	22	Hartford 3.1	22	Columbus 2.2	22	Milwaukee 0.5
<b>United States</b> 9.0		24	San Jose 5.3	23	San Diego 2.9	23	New Orleans 2.2	23	Richmond 0.5
24	San Diego 8.9	25	Kansas City 5.2	<b>24 St. Louis</b> 2.6		24	Minneapolis 2.1	24	Oklahoma City 0.4
25	Birmingham 8.9	26	Boston 5.2	25	New Orleans 2.6	25	Cincinnati 2.1	25	Orlando 0.4
26	Nashville 8.7	27	Chicago 5.1	26	Providence 2.5	26	Jacksonville 2.0	26	Pittsburgh 0.4
27	Denver 8.5	28	Philadelphia 5.1	27	San Antonio 2.3	27	Richmond 1.9	27	Buffalo 0.4
28	Tampa 8.5	<b>United States</b> 5.0		28	Austin 2.2	28	San Antonio 1.9	28	Virginia Beach 0.4
29	Louisville 8.4	29	<b>St. Louis</b> 5.0	29	Sacramento 2.1	29	Sacramento 1.8	29	Raleigh 0.3
30	Baltimore 8.3	30	Baltimore 4.9	30	Cincinnati 1.9	30	Miami 1.7	30	Columbus 0.3
31	Providence 8.3	31	Hartford 4.8	31	Houston 1.9	31	Austin 1.7	31	Las Vegas 0.3
32	Pittsburgh 8.2	32	Pittsburgh 4.8	32	Orlando 1.9	32	Indianapolis 1.6	32	Baltimore 0.3
33	Milwaukee 8.2	33	San Antonio 4.8	33	Phoenix 1.8	<b>33 St. Louis</b> 1.6		33	Cleveland 0.3
34	Detroit 8.2	34	Columbus 4.7	34	Virginia Beach 1.8	34	Tampa 1.5	34	Indianapolis 0.3
35	Richmond 8.1	35	Richmond 4.7	35	Louisville 1.8	35	Louisville 1.5	35	Detroit 0.3
36	Raleigh 8.1	36	Indianapolis 4.6	36	Jacksonville 1.7	36	Phoenix 1.5	36	Riverside 0.3
37	Minneapolis 8.1	37	Cleveland 4.5	37	Columbus 1.6	37	Riverside 1.5	<b>37 St. Louis</b> 0.3	
38	Hartford 8.1	38	New York 4.5	38	Detroit 1.5	38	Oklahoma City 1.5	38	Atlanta 0.3
39	Kansas City 7.9	39	Louisville 4.4	39	Richmond 1.4	39	Houston 1.4	39	Providence 0.2
40	Philadelphia 7.9	40	New Orleans 4.4	40	Dallas 1.4	40	Atlanta 1.3	40	Houston 0.2
41	Cincinnati 7.8	41	Houston 4.1	41	Tampa 1.4	41	Nashville 1.3	41	Louisville 0.2
42	Jacksonville 7.7	42	Oklahoma City 4.1	42	Charlotte 1.4	42	Kansas City 1.3	42	Cincinnati 0.2
43	Chicago 7.6	43	Las Vegas 4.0	43	Riverside 1.3	43	Charlotte 1.3	43	Kansas City 0.2
44	Cleveland 7.6	44	Providence 3.9	44	Raleigh 1.2	44	Detroit 1.3	44	San Antonio 0.2
45	Boston 7.5	45	Milwaukee 3.9	45	Memphis 1.1	45	Las Vegas 1.2	45	Hartford 0.2
46	Columbus 7.5	46	Detroit 3.6	46	Nashville 0.9	46	Dallas 1.2	46	Dallas 0.1
47	Indianapolis 7.4	47	Memphis 3.6	47	Kansas City 0.9	47	Memphis 1.1	47	Nashville 0.1
48	Buffalo 7.4	48	Virginia Beach 3.5	48	Indianapolis 0.7	48	Birmingham 1.1	48	Birmingham 0.1
49	<b>St. Louis</b> 7.1	49	Birmingham 2.9	49	Birmingham 0.5	49	Orlando 1.1	49	Memphis 0.1
50	<b>New York</b> 6.6	50	<b>Buffalo</b> 2.9	50	Oklahoma City 0.4	50	Raleigh 1.0	50	<b>Charlotte</b> 0.0

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates

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# Where We Stand, 7<sup>th</sup> Edition

## The Strategic Assessment of the St. Louis Region

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