

**Table 3. How Reliable is Freeway Travel in Your Town, 2017**

Urban Area	Freeway Planning Time Index		Freeway Commuter Stress Index		Freeway Travel Time Index	
	Value	Rank	Value	Rank	Value	Rank
<b>Very Large Average (15 areas)</b>	<b>2.13</b>		<b>1.55</b>		<b>1.44</b>	
Los Angeles-Long Beach-Anaheim CA	2.87	1	1.93	2	1.80	1
San Francisco-Oakland CA	2.69	2	1.97	1	1.67	2
San Diego CA	2.28	7	1.54	9	1.47	9
Seattle WA	2.28	7	1.62	6	1.48	7
Washington DC-VA-MD	2.27	9	1.54	9	1.45	10
Atlanta GA	2.10	12	1.46	17	1.37	14
New York-Newark NY-NJ-CT	2.05	14	1.49	14	1.40	12
Miami FL	2.02	15	1.47	16	1.34	18
Phoenix-Mesa AZ	1.97	17	1.54	9	1.37	14
Houston TX	1.92	19	1.44	18	1.35	16
Boston MA-NH-RI	1.89	20	1.37	22	1.28	24
Chicago IL-IN	1.85	21	1.37	22	1.34	18
Dallas-Fort Worth-Arlington TX	1.79	26	1.35	24	1.28	24
Detroit MI	1.72	30	1.39	20	1.29	22
Philadelphia PA-NJ-DE-MD	1.65	34	1.27	36	1.21	38

Very Large Urban Areas—over 3 million population.

Large Urban Areas—over 1 million and less than 3 million population.

Medium Urban Areas—over 500,000 and less than 1 million population.

Small Urban Areas—less than 500,000 population.

**Freeway Planning Time Index**—A travel time reliability measure that represents the total travel time that should be planned for a trip to be late for only 1 work trip per month. A PTI of 2.00 means that 40 minutes should be planned for a 20-minute trip in light traffic (20 minutes x 2.00 = 40 minutes).

**Freeway Travel Time Index**—The ratio of travel time in the peak period to the travel time at low volume conditions. A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period (20 minutes x 1.30 = 26 minutes). Note that the TTI reported in Table 3 is only for freeway facilities to compare to the freeway-only PTI values.

**Freeway Commuter Stress Index** – The travel time index calculated for only the peak direction in each peak period (a measure of the extra travel time for a commuter).

Note: Please do not place too much emphasis on small differences in the rankings. There may be little difference in congestion between areas ranked (for example) 6<sup>th</sup> and 12<sup>th</sup>. The actual measure values should also be examined.

Table 3. How Reliable is Freeway Travel in Your Town, 2017, Continued

Urban Area	Freeway Planning Time Index		Freeway Commuter Stress Index		Freeway Travel Time Index	
	Value	Rank	Value	Rank	Value	Rank
<b>Large Average (32 areas)</b>	<b>1.71</b>		<b>1.31</b>		<b>1.21</b>	
San Jose CA	2.60	3	1.90	3	1.59	4
San Juan PR	2.50	4	1.87	4	1.65	3
Portland OR-WA	2.37	5	1.62	6	1.53	6
Austin TX	2.15	11	1.50	13	1.40	12
Riverside-San Bernardino CA	2.10	12	1.51	12	1.44	11
Sacramento CA	1.97	17	1.48	15	1.35	16
Denver-Aurora CO	1.83	23	1.34	25	1.33	20
Tampa-St. Petersburg FL	1.83	23	1.33	28	1.24	31
San Antonio TX	1.74	28	1.32	30	1.23	34
Baltimore MD	1.73	29	1.28	35	1.26	27
Nashville-Davidson TN	1.70	31	1.34	25	1.22	36
Jacksonville FL	1.68	32	1.27	36	1.20	40
Charlotte NC-SC	1.66	33	1.24	41	1.21	38
Las Vegas-Henderson NV	1.63	36	1.31	32	1.25	29
Minneapolis-St. Paul MN-WI	1.61	37	1.31	32	1.24	31
Orlando FL	1.61	37	1.25	40	1.20	40
Columbus OH	1.59	40	1.22	45	1.12	61
Raleigh NC	1.58	41	1.18	54	1.15	49
Salt Lake City-West Valley City UT	1.57	42	1.26	38	1.19	43
Cincinnati OH-KY-IN	1.53	43	1.20	48	1.12	61
Milwaukee WI	1.52	45	1.26	38	1.20	40
Virginia Beach VA	1.46	47	1.20	48	1.15	49
Oklahoma City OK	1.45	49	1.21	46	1.17	46
Pittsburgh PA	1.44	50	1.19	51	1.12	61
St. Louis MO-IL	1.40	54	1.15	61	1.15	49
Kansas City MO-KS	1.37	59	1.18	54	1.14	52
Providence RI-MA	1.37	59	1.16	59	1.14	52
Louisville-Jefferson County KY-IN	1.36	63	1.14	65	1.12	61
Cleveland OH	1.35	64	1.16	59	1.09	75
Indianapolis IN	1.30	70	1.12	73	1.11	71
Memphis TN-MS-AR	1.27	78	1.10	83	1.09	75
Richmond VA	1.20	92	1.12	73	1.07	87

Large Urban Areas—over 1 million and less than 3 million population.

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**Freeway Travel Time Index**—A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period (20 minutes x 1.30 = 26 minutes).

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Urban Area	Freeway Planning Time Index		Freeway Commuter Stress Index		Freeway Travel Time Index	
	Value	Rank	Value	Rank	Value	Rank
<b>Medium Average (32 areas)</b>	<b>1.45</b>		<b>1.20</b>		<b>1.15</b>	
Honolulu HI	2.29	6	1.55	8	1.48	7
New Orleans LA	2.18	10	1.69	5	1.56	5
Bridgeport-Stamford CT-NY	1.99	16	1.39	20	1.31	21
Baton Rouge LA	1.84	22	1.40	19	1.29	22
Charleston-North Charleston SC	1.75	27	1.32	30	1.25	29
Sarasota-Bradenton FL	1.53	43	1.20	48	1.14	52
Hartford CT	1.48	46	1.18	54	1.14	52
Albuquerque NM	1.46	47	1.23	44	1.18	44
Buffalo NY	1.44	50	1.21	46	1.17	46
Fresno CA	1.39	55	1.19	51	1.16	48
Birmingham AL	1.38	57	1.14	65	1.10	72
Knoxville TN	1.38	57	1.13	70	1.13	58
Bakersfield CA	1.37	59	1.15	61	1.13	58
Colorado Springs CO	1.37	59	1.19	51	1.18	44
El Paso TX-NM	1.35	64	1.15	61	1.12	61
Cape Coral FL	1.33	66	1.13	70	1.09	75
Columbia SC	1.33	66	1.10	83	1.08	79
McAllen TX	1.33	66	1.18	54	1.12	61
New Haven CT	1.30	70	1.11	77	1.10	72
Omaha NE-IA	1.29	72	1.13	69	1.12	61
Albany-Schenectady NY	1.28	75	1.11	77	1.08	79
Tulsa OK	1.28	75	1.14	65	1.12	61
Akron OH	1.27	78	1.11	77	1.06	90
Allentown PA-NJ	1.27	78	1.10	83	1.08	79
Provo-Orem UT	1.27	78	1.11	77	1.08	79
Rochester NY	1.26	82	1.10	83	1.07	87
Wichita KS	1.26	82	1.15	61	1.14	52
Grand Rapids MI	1.25	84	1.09	87	1.08	79
Tucson AZ	1.25	84	1.13	70	1.12	61
Springfield MA-CT	1.21	90	1.09	87	1.09	75
Toledo OH-MI	1.21	90	1.09	87	1.05	94
Dayton OH	1.19	93	1.08	90	1.05	94

Medium Urban Areas—over 500,000 and less than 1 million population.

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Urban Area	Freeway Planning Time Index		Freeway Commuter Stress Index		Freeway Travel Time Index	
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<b>Small Average (22 areas)</b>	<b>1.27</b>		<b>1.11</b>		<b>1.09</b>	
Boulder CO	1.81	25	1.33	28	1.26	27
Anchorage AK	1.64	35	1.34	25	1.28	24
Oxnard CA	1.60	39	1.29	34	1.24	31
Laredo TX	1.43	52	1.24	41	1.23	34
Stockton CA	1.41	53	1.24	41	1.22	36
Madison WI	1.39	55	1.17	58	1.13	58
Eugene OR	1.31	69	1.14	65	1.14	52
Little Rock AR	1.29	72	1.11	77	1.08	79
Spokane WA	1.29	72	1.11	77	1.10	72
Boise ID	1.28	75	1.12	73	1.08	79
Beaumont TX	1.25	84	1.08	90	1.06	90
Salem OR	1.24	87	1.12	73	1.12	61
EI	1.24	87	1.08	90	1.08	79
Worcester MA-CT	1.24	87	1.08	90	1.07	87
Jackson MS	1.17	94	1.06	97	1.04	97
Corpus Christi TX	1.16	95	1.07	94	1.05	94
Brownsville TX	1.12	96	1.07	94	1.06	90
Greensboro NC	1.12	96	1.04	99	1.04	97
Indio-Cathedral City CA	1.12	96	1.07	94	1.06	90
Pensacola FL-AL	1.12	96	1.05	98	1.04	97
Poughkeepsie-Newburgh NY-NJ	1.10	100	1.04	99	1.03	100
Lancaster-Palmdale CA	1.06	101	1.02	101	1.02	101
<b>101 Area Average</b>	<b>1.86</b>		<b>1.41</b>		<b>1.30</b>	
<b>Remaining Area Average</b>	<b>1.19</b>		<b>1.13</b>		<b>1.11</b>	
<b>All 494 Area Average</b>	<b>1.67</b>		<b>1.35</b>		<b>1.28</b>	

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