National Congestion Tables

Table 1. What Congestion Means to You, 2017

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Very Large Average (15 areas)	**83**		**1.35**		**32**		**1,730**	
Los Angeles-Long Beach-Anaheim CA	119	1	1.51	1	35	4	2,676	1
San Francisco-Oakland CA	103	2	1.50	2	39	1	2,619	2
Washington DC-VA-MD	102	3	1.35	7	38	2	2,015	3
New York-Newark NY-NJ-CT	92	4	1.35	7	38	2	1,947	4
Boston MA-NH-RI	80	6	1.30	19	31	7	1,580	8
Seattle WA	78	7	1.37	5	31	7	1,541	9
Atlanta GA	77	8	1.30	19	31	7	1,653	5
Houston TX	75	9	1.34	11	31	7	1,508	10
Chicago IL-IN	73	10	1.32	16	30	12	1,431	11
Miami FL	69	12	1.31	17	34	5	1,412	12
Dallas-Fort Worth-Arlington TX	67	13	1.26	23	25	20	1,272	18
San Diego CA	64	16	1.35	7	24	27	1,584	7
Philadelphia PA-NJ-DE-MD	62	18	1.25	25	26	15	1,203	22
Phoenix-Mesa AZ	62	18	1.27	22	26	15	1,089	30
Detroit MI	61	20	1.24	28	25	20	1,129	25

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.

Yearly Delay per Auto Commuter—Extra travel time during the year divided by the number of people who commute in private vehicles in the urban area.

Travel Time Index—The ratio of travel time in the peak period to the travel time at free-flow conditions. A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period.

Excess Fuel Consumed—Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

Congestion Cost—Value of travel time delay (estimated at $18.12 per hour of person travel and $52.14 per hour of truck time) and excess fuel consumption (estimated using state average cost per gallon for gasoline and diesel). Values are rounded to nearest $10; ranking based on calculated value. But see Note below.

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) 6th and 12th. The actual measure values should also be examined. The best congestion comparisons are made between similar urban areas.

Table 1. What Congestion Means to You, 2017, Continued

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Large Average (32 areas)	**54**		**1.24**		**22**		**$1,030**	
San Jose CA	81	5	1.45	3	32	6	1,643	6
Riverside-San Bernardino CA	70	11	1.34	11	20	47	1,288	16
Austin TX	66	14	1.34	11	25	20	1,391	13
Portland OR-WA	66	14	1.35	7	31	7	1,305	15
Denver-Aurora CO	61	20	1.31	17	25	20	1,163	23
Baltimore MD	59	22	1.25	25	22	32	1,046	32
Sacramento CA	59	22	1.28	21	24	27	1,118	26
Nashville-Davidson TN	58	24	1.22	33	26	15	1,217	20
San Juan PR	58	24	1.33	15	28	14	1,274	17
Charlotte NC-SC	57	28	1.22	33	22	32	1,269	19
Orlando FL	57	28	1.24	28	22	32	1,103	29
Minneapolis-St. Paul MN-WI	56	31	1.25	25	18	63	980	35
Cincinnati OH-KY-IN	52	32	1.17	49	25	20	1,110	27
Las Vegas-Henderson NV	51	34	1.26	23	20	47	932	41
San Antonio TX	51	34	1.23	30	22	32	964	38
Columbus OH	50	37	1.19	41	21	41	1,054	31
Oklahoma City OK	50	37	1.19	41	21	41	842	47
Tampa-St. Petersburg FL	50	37	1.22	33	20	47	987	34
Indianapolis IN	48	42	1.18	45	22	32	813	56
Memphis TN-MS-AR	48	42	1.18	45	18	63	651	87
Providence RI-MA	48	42	1.17	49	19	55	828	53
Kansas City MO-KS	47	46	1.15	71	15	84	837	50
Cleveland OH	46	47	1.15	71	23	29	970	36
Jacksonville FL	46	47	1.19	41	15	84	893	44
Louisville-Jefferson County KY-IN	46	47	1.18	45	18	63	726	74
Milwaukee WI	46	47	1.17	49	23	29	864	46
Pittsburgh PA	46	47	1.19	41	21	41	908	42
St. Louis MO-IL	46	47	1.15	71	19	55	848	43
Virginia Beach VA	46	47	1.17	49	15	84	758	66
Salt Lake City-West Valley City UT	45	55	1.18	45	25	20	833	51
Raleigh NC	42	67	1.17	49	16	77	794	57
Richmond VA	35	90	1.12	93	17	68	641	88

Large Urban Areas—over 1 million and less than 3 million population.
Yearly Delay per Auto Commuter—Extra travel time during the year divided by the number of people who commute in private vehicles in the urban area.
Travel Time Index—A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period.
Excess Fuel Consumed—Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.
Congestion Cost—Value of travel time delay and excess fuel consumption rounded to nearest $10; ranking based on calculated value. But see Note below.
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Table 1. What Congestion Means to You, 2017, Continued

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Medium Average (32 areas)	**44**		**1.18**		**19**		**$810**	
Honolulu HI	64	16	1.40	4	29	13	1,374	14
New Orleans LA	58	24	1.23	30	26	20	1,208	21
Baton Rouge LA	58	24	1.36	6	25	15	1,107	28
Bridgeport-Stamford CT-NY	57	28	1.34	11	22	32	991	33
Tucson AZ	52	32	1.21	37	20	47	831	52
Charleston-North Charleston SC	51	34	1.23	30	22	32	948	39
Hartford CT	50	37	1.17	49	20	47	881	45
Albany-Schenectady NY	49	41	1.17	49	21	41	736	71
Buffalo NY	48	42	1.16	61	23	29	965	37
Tulsa OK	46	47	1.15	71	17	68	732	73
New Haven CT	45	55	1.16	61	18	63	767	63
Albuquerque NM	44	59	1.20	39	20	47	936	40
Columbia SC	44	59	1.15	71	19	55	765	65
Knoxville TN	44	59	1.13	83	18	63	841	48
Colorado Springs CO	43	63	1.15	71	19	55	785	59
El Paso TX-NM	41	70	1.16	61	17	68	794	57
Grand Rapids MI	41	70	1.13	83	16	77	716	77
Springfield MA-CT	41	70	1.12	93	19	55	725	75
Birmingham AL	40	75	1.13	83	16	77	819	55
Fresno CA	40	75	1.16	61	19	55	779	60
Rochester NY	40	75	1.16	61	20	47	769	62
Toledo OH-MI	40	75	1.14	80	21	41	757	67
Allentown PA-NJ	38	80	1.20	39	16	77	653	86
McAllen TX	38	80	1.16	61	13	93	701	81
Omaha NE-IA	38	80	1.17	49	17	68	674	84
Akron OH	37	86	1.10	99	17	68	681	83
Cape Coral FL	37	86	1.17	49	14	90	736	71
Wichita KS	36	89	1.14	80	16	77	503	97
Sarasota-Bradenton FL	33	92	1.16	61	14	90	605	92
Dayton OH	32	93	1.12	93	13	93	601	93
Provo-Orem UT	25	98	1.11	96	15	84	473	99
Bakersfield CA	24	99	1.13	83	10	98	504	96

Medium Urban Areas—over 500,000 and under 1 million population.
Yearly Delay per Auto Commuter—Extra travel time during the year divided by the number of people who commute in private vehicles in the urban area.
Travel Time Index—A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period.
Excess Fuel Consumed—Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.
Congestion Cost—Value of travel time delay and excess fuel consumption rounded to nearest $10; ranking based on calculated value. But see Note below.
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Table 1. What Congestion Means to You, 2017, Continued

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Small Average (22 areas)	**37**		**1.14**		**16**		**$680**	
Boise ID	45	55	1.16	61	20	47	772	61
Spokane WA	45	55	1.16	61	26	15	841	48
Boulder CO	44	59	1.21	37	22	32	767	63
Little Rock AR	43	63	1.13	83	14	90	751	68
Pensacola FL-AL	43	63	1.17	49	16	77	662	85
Worcester MA-CT	43	63	1.14	80	17	68	823	54
Anchorage AK	42	67	1.22	33	22	32	1,153	24
Jackson MS	42	67	1.13	83	13	93	684	82
Beaumont TX	41	70	1.13	83	16	77	718	76
Salem OR	41	70	1.15	71	21	41	737	70
Eugene OR	40	75	1.17	49	19	55	707	79
Corpus Christi TX	38	80	1.13	83	17	68	745	69
Greensboro NC	38	80	1.13	83	15	84	635	89
Madison WI	38	80	1.15	71	17	68	633	90
Poughkeepsie-Newburgh NY-NJ	37	86	1.11	96	19	55	608	91
Oxnard CA	34	91	1.16	61	11	97	709	78
Laredo TX	32	93	1.17	49	15	84	593	94
Stockton CA	32	93	1.15	71	17	68	704	80
Brownsville TX	29	96	1.13	83	12	96	571	95
Winston-Salem NC	27	97	1.11	96	10	98	487	98
Lancaster-Palmdale CA	21	100	1.10	99	6	101	405	101
Indio-Cathedral City CA	14	101	1.10	99	7	100	439	100
101 Area Average	**66**		**1.28**		**26**		**$1,320**	
Remaining Areas Average	**22**		**1.11**		**10**		**$450**	
All 494 Area Average	**54**		**1.23**		**21**		**$1,080**	

Very Large Urban Areas—over 3 million population. Medium Urban Areas—over 500,000 and less than 1 million population.
Large Urban Areas—over 1 million and less than 3 million population. Small Urban Areas—less than 500,000 population.

Yearly Delay per Auto Commuter—Extra travel time during the year divided by the number of people who commute in private vehicles in the urban area.

Travel Time Index—The ratio of travel time in the peak period to the travel time at free-flow conditions. A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period.

Excess Fuel Consumed—Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

Congestion Cost—Value of travel time delay (estimated at $18.12 per hour of person travel and $52.14 per hour of truck time) and excess fuel consumption (estimated using state average cost per gallon for gasoline and diesel). Values are rounded to nearest $10; ranking based on calculated value. But see Note below.

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) 6th and 12th. The actual measure values should also be examined. The best congestion comparisons are made between similar urban areas.

Table 2. What Congestion Means to Your Town, 2017

Urban Area	Travel Delay		Excess Fuel Consumed		Truck Congestion Cost		Total Congestion Cost	
	(1,000 Hours)	Rank	(1,000 Gallons)	Rank	($ million)	Rank	($ million)	Rank
Very Large Average (15 areas)	**309,400**		**110,000**		**$657**		**$6,248**	
Los Angeles-Long Beach-Anaheim CA	971,478	1	256,931	2	2,027	1	19,490	1
New York-Newark NY-NJ-CT	811,609	2	323,712	1	1,744	2	16,466	2
Chicago IL-IN	352,759	3	144,987	3	753	3	7,150	3
Miami FL	265,947	4	103,239	4	565	4	5,367	4
San Francisco-Oakland CA	253,838	5	95,037	6	547	5	5,175	5
Washington DC-VA-MD	247,811	6	89,885	7	527	6	5,010	6
Houston TX	247,440	7	95,940	5	522	7	4,982	7
Atlanta GA	237,405	8	76,874	10	497	8	4,754	8
Dallas-Fort Worth-Arlington TX	224,883	9	79,677	9	471	9	4,511	9
Philadelphia PA-NJ-DE-MD	194,655	10	80,817	8	424	10	3,967	10
Boston MA-NH-RI	189,426	11	74,143	11	404	11	3,829	11
Seattle WA	167,384	12	62,742	14	359	12	3,405	12
Detroit MI	165,339	13	66,322	13	354	13	3,352	13
Phoenix-Mesa AZ	163,247	14	67,117	12	348	14	3,300	14
San Diego CA	148,503	15	32,686	21	306	15	2,960	15

Very Large Urban Areas—over 3 million population.
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Medium Urban Areas—over 500,000 and less than 1 million population.
Small Urban Areas—less than 500,000 population.

Travel Delay—Extra travel time during the year.

Excess Fuel Consumed—Value of increased fuel consumption due to travel in congested conditions rather than free-flow conditions (using state average cost per gallon).

Truck Congestion Cost—Value of increased travel time and other operating costs of large trucks (estimated at $52.14 per hour of truck time) and the extra diesel consumed (using state average cost per gallon).

Congestion Cost—Value of delay and fuel cost (estimated at $18.12 per hour of person travel, $52.14 per hour of truck time and state average fuel cost).

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Table 2. What Congestion Means to Your Town, 2017, Continued

Urban Area	Travel Delay		Excess Fuel Consumed		Truck Congestion Cost		Total Congestion Cost	
	(1,000 Hours)	Rank	(1,000 Gallons)	Rank	($ million)	Rank	($ million)	Rank
Large Average (32 areas)	**61,500**		**24,000**		**$132**		**$1,246**	
San Jose CA	126,774	16	44,956	15	272	16	2,577	16
Denver-Aurora CO	107,463	17	44,449	16	229	17	2,177	17
Riverside-San Bernardino CA	107,411	18	28,106	24	224	18	2,154	18
Minneapolis-St. Paul MN-WI	103,695	19	33,726	20	217	19	2,078	19
Baltimore MD	93,815	20	37,067	18	200	20	1,897	20
Portland OR-WA	88,009	21	40,780	17	192	22	1,806	21
San Juan PR	86,079	22	36,188	19	196	21	1,778	22
Tampa-St. Petersburg FL	85,860	23	31,952	22	182	23	1,730	23
Sacramento CA	76,437	24	28,106	24	164	24	1,557	24
St. Louis MO-IL	71,481	25	28,919	23	151	25	1,442	25
San Antonio TX	69,982	26	26,044	29	147	26	1,407	26
Austin TX	68,187	27	24,195	31	143	28	1,368	28
Las Vegas-Henderson NV	67,761	28	26,830	27	145	27	1,377	27
Cincinnati OH-KY-IN	64,061	29	27,950	26	138	29	1,301	29
Orlando FL	63,205	30	24,203	30	134	30	1,275	30
Cleveland OH	56,070	31	26,716	28	122	31	1,144	31
Nashville-Davidson TN	52,249	33	21,765	34	111	34	1,055	33
Columbus OH	51,381	34	21,452	35	110	35	1,041	35
Pittsburgh PA	51,370	35	23,298	32	113	33	1,052	34
Charlotte NC-SC	50,641	36	17,213	39	106	36	1,015	36
Kansas City MO-KS	48,328	37	19,224	38	102	37	974	37
Oklahoma City OK	43,448	38	16,913	40	92	39	874	39
Indianapolis IN	43,003	39	19,705	37	93	38	876	38
Milwaukee WI	42,146	40	20,847	36	92	39	862	40
Virginia Beach VA	40,510	41	14,149	45	85	41	812	41
Providence RI-MA	36,273	44	15,214	43	78	44	736	44
Jacksonville FL	34,792	45	11,921	50	73	45	698	45
Salt Lake City-West Valley City UT	29,739	48	15,546	42	66	48	612	48
Louisville-Jefferson County KY-IN	29,392	49	12,370	49	63	49	595	49
Memphis TN-MS-AR	28,015	51	11,597	51	60	51	565	51
Raleigh NC	27,243	53	9,067	57	57	53	546	53
Richmond VA	24,461	55	8,496	60	51	55	490	55

Large Urban Areas—over 1 million and less than 3 million population. **Travel Delay**—Extra travel time during the year.
Excess Fuel Consumed—Value of increased fuel consumption due to travel in congested conditions (using state average cost per gallon).
Truck Congestion Cost—Value of increased travel time and other operating costs of large trucks (estimated at $52.14 per hour of truck time) and the extra diesel consumed (using state average cost per gallon).
Congestion Cost—Value of delay and fuel cost (estimated at $18.12 per hour of person travel, $52.14 per hour of truck time and state average fuel cost).
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Urban Area	Travel Delay		Excess Fuel Consumed		Truck Congestion Cost		Total Congestion Cost	
	(1,000 Hours)	Rank	(1,000 Gallons)	Rank	($ million)	Rank	($ million)	Rank
Medium Average (32 areas)	**21,700**		**9,080**		**$47**		**$440**	
New Orleans LA	55,833	32	23,206	33	119	32	1,127	32
Bridgeport-Stamford CT-NY	38,789	42	14,746	44	83	42	785	42
Honolulu HI	36,378	43	15,689	41	83	42	753	43
Tucson AZ	32,305	46	14,004	47	69	46	655	46
Buffalo NY	31,977	47	14,094	46	69	46	652	47
Baton Rouge LA	28,362	50	12,679	48	61	50	575	50
Hartford CT	27,436	52	10,963	52	59	52	557	52
Tulsa OK	25,228	54	9,940	54	53	54	508	54
Albuquerque NM	23,302	56	10,629	53	50	56	474	56
Birmingham AL	22,877	57	9,090	56	49	57	461	57
El Paso TX-NM	22,711	58	9,238	55	48	58	458	58
Charleston-North Charleston SC	21,087	59	8,782	58	45	59	425	59
Rochester NY	19,886	60	8,574	59	43	60	405	60
Grand Rapids MI	19,417	61	8,032	62	42	61	394	62
Fresno CA	19,311	62	7,844	63	42	61	396	61
Omaha NE-IA	19,117	63	8,415	61	41	63	388	63
McAllen TX	19,111	64	6,802	73	40	64	383	64
Allentown PA-NJ	18,068	65	7,793	64	40	64	369	65
Knoxville TN	18,020	66	7,356	67	38	66	363	66
Colorado Springs CO	17,883	67	7,223	69	38	66	362	67
Springfield MA-CT	17,561	68	7,524	65	38	66	357	68
Albany-Schenectady NY	17,489	69	7,341	68	38	66	356	69
Dayton OH	17,377	70	7,467	66	37	70	353	70
Columbia SC	16,331	71	6,802	73	35	71	329	71
Sarasota-Bradenton FL	15,886	72	6,261	76	34	72	321	72
Cape Coral FL	15,733	73	5,762	78	33	74	317	73
New Haven CT	15,574	74	6,379	75	34	72	316	74
Toledo OH-MI	15,407	75	6,978	71	33	74	313	75
Akron OH	15,352	76	6,949	72	33	74	312	76
Wichita KS	12,081	81	5,200	80	26	80	245	81
Bakersfield CA	8,896	90	3,521	90	19	91	182	90
Provo-Orem UT	8,701	91	5,235	79	20	87	181	91

Travel Delay—Extra travel time during the year.
Excess Fuel Consumed—Value of increased fuel consumption due to congested conditions (using state average cost per gallon).
Truck Congestion Cost—Value of increased travel time and other operating costs of large trucks (estimated at $52.14 per hour of truck time) and the extra diesel consumed (using state average cost per gallon).
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Urban Area	Travel Delay		Excess Fuel Consumed		Truck Congestion Cost		Total Congestion Cost	
	(1,000 Hours)	Rank	(1,000 Gallons)	Rank	($ million)	Rank	($ million)	Rank
Small Average (22 areas)	**9,100**		**3,600**		**20**		**184**	
Little Rock AR	14,823	77	4,502	83	31	77	296	77
Worcester MA-CT	14,173	78	5,849	77	30	79	287	79
Spokane WA	13,900	79	7,154	70	31	77	288	78
Boise ID	12,254	80	4,869	82	26	80	249	80
Anchorage AK	11,149	82	4,900	81	24	82	229	82
Jackson MS	10,999	83	3,697	88	23	83	220	83
Poughkeepsie-Newburgh NY-NJ	10,379	84	3,908	86	22	84	210	84
Stockton CA	9,928	85	3,475	91	21	85	202	85
Madison WI	9,664	86	4,238	84	21	85	196	86
Oxnard CA	9,548	87	2,880	96	20	87	193	87
Pensacola FL-AL	9,520	88	3,722	87	20	87	192	88
Corpus Christi TX	9,458	89	4,112	85	20	87	191	89
Beaumont TX	8,493	92	3,194	93	18	92	171	92
Winston-Salem NC	7,930	93	2,618	97	17	93	159	93
Greensboro NC	7,896	94	2,977	94	17	93	159	93
Salem OR	7,131	95	3,691	89	16	95	147	95
Eugene OR	6,589	96	3,279	92	15	96	136	96
Laredo TX	6,312	97	2,907	95	14	97	128	97
Indio-Cathedral City CA	5,795	98	1,931	99	12	98	117	98
Lancaster-Palmdale CA	5,127	99	1,268	101	11	99	103	99
Brownsville TX	4,629	100	1,871	100	10	100	93	100
Boulder CO	4,464	101	2,021	98	10	100	91	101
101 Area Total	**7,504,700**		**2,788,700**		**15,977**		**151,718**	
101 Area Average	**74,300**		**27,600**		**158**		**1,502**	
Remaining Area Total	**1,305,300**		**552,200**		**3,526**		**26,992**	
Remaining Area Average	**3,320**		**1,410**		**9**		**69**	
All 494 Area Total	**8,809,900**		**3,340,900**		**19,503**		**178,710**	
All 494 Area Average	**17,800**		**6,760**		**39**		**362**	

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.

Travel Delay—Extra travel time during the year.

Excess Fuel Consumed—Value of increased fuel consumption due to travel in congested conditions rather than free-flow conditions (using state average cost per gallon).

Truck Congestion Cost—Value of increased travel time and other operating costs of large trucks (estimated at $52.14 per hour of truck time) and the extra diesel consumed (using state average cost per gallon).

Congestion Cost—Value of delay and fuel cost (estimated at $18.12 per hour of person travel, $52.14 per hour of truck time and state average fuel cost).

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) 6th and 12th. The actual measure values should also be examined. The best congestion comparisons are made between similar urban areas.

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
Very Large Average (15 areas)	**2.13**		**1.55**		**1.44**	
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) 6th and 12th. 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
Large Average (32 areas)	**1.71**		**1.31**		**1.21**	
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.

Freeway Planning Time Index—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—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).

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) 6th and 12th. 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
Medium Average (32 areas)	**1.45**		**1.20**		**1.15**	
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.
Freeway Planning Time Index—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—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).
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) 6th and 12th. 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
Small Average (22 areas)	**1.27**		**1.11**		**1.09**	
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
El	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
101 Area Average	**1.86**		**1.41**		**1.30**	
Remaining Area Average	**1.19**		**1.13**		**1.11**	
All 494 Area Average	**1.67**		**1.35**		**1.28**	

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) 6th and 12th. The actual measure values should also be examined.

Table 4. Key Congestion Measures for 393 Urban Areas, 2017

Urban Area	Annual Hours of Delay		Annual Congestion Cost	
	Total (000)	Per Auto Commuter	Total (Million $)	$ per Auto Commuter
Aberdeen-Bel Air S-Bel Air N MD	5,249	23	109	475
Abilene TX	2,075	17	43	356
Aguadilla-Isabela-San Sebastian PR	4,659	15	119	390
Albany GA	1,870	18	39	375
Albany OR	800	8	17	170
Alexandria LA	2,483	27	54	570
Alton IL-MO	8	1	-	17
Altoona PA	1,512	18	31	372
Amarillo TX	4,475	20	94	416
Ames IA	962	9	19	173
Anderson IN	1,103	12	23	242
Anderson SC	1,544	18	33	387
Ann Arbor MI	7,020	22	144	459
Anniston-Oxford AL	1,370	16	28	319
Antioch CA	9,435	33	190	656
Appleton WI	3,584	15	76	316
Arecibo PR	3,327	23	83	568
Arroyo Grande-Grover Beach CA	1,450	14	30	303
Asheville NC	8,194	27	165	547
Athens-Clarke County GA	3,800	27	76	544
Atlantic City NJ	5,700	21	117	430
Auburn AL	2,101	25	42	499
Augusta-Richmond County GA-SC	10,050	25	202	494
Avondale-Goodyear AZ	4,566	20	92	405
Bangor ME	1,580	26	33	541
Barnstable Town MA	5,284	20	108	413
Battle Creek MI	1,211	14	25	301
Bay City MI	1,081	15	22	308
Beckley WV	765	8	18	183
Bellingham WA	3,593	30	73	609
Beloit WI-IL	673	10	14	211
Bend OR	1,949	21	42	450
Benton Harbor-St. Joseph-Fair Plain MI	770	14	16	288
Billings MT	2,175	17	44	338
Binghamton NY-PA	2,745	16	58	348
Bismarck ND	1,610	17	32	331
Blacksburg VA	1,439	15	29	287
Bloomington IN	1,790	15	38	318
Bloomington-Normal IL	1,284	9	26	186
Bloomsburg-Berwick PA	950	12	20	273
Bonita Springs FL	9,448	27	190	544
Bowling Green KY	3,186	36	67	758
Bremerton WA	5,302	26	108	530
Bristol TN-VA	1,776	23	38	489
Brunswick GA	1,488	21	31	429
Burlington NC	1,843	14	37	273
Burlington VT	3,379	28	69	580
Camarillo CA	2,559	35	51	707
Canton OH	7,016	24	143	488

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
Cape Girardeau MO-IL	1,326	19	27	382
Carbondale IL	735	10	15	206
Carson City NV	1,301	14	27	296
Cartersville GA	1,332	20	27	417
Casa Grande AZ	771	9	17	187
Casper WY	987	13	20	265
Cedar Rapids IA	3,369	17	68	343
Chambersburg PA	895	9	19	197
Champaign IL	1,716	11	35	225
Charleston WV	2,212	14	49	307
Charlottesville VA	4,495	43	88	846
Chattanooga TN-GA	11,188	28	241	599
Cheyenne WY	1,016	12	21	256
Chico CA	1,859	18	38	360
Clarksville TN-KY	3,723	21	79	457
Cleveland TN	1,758	23	38	507
Coeur d'Alene ID	2,197	20	44	393
College Station-Bryan TX	5,453	32	112	647
Columbia MO	2,692	19	55	397
Columbus GA-AL	5,894	21	121	428
Columbus IN	680	8	14	168
Concord CA	46,293	50	940	1,013
Concord NC	5,882	26	121	534
Conroe-The Woodlands TX	7,924	29	160	586
Conway AR	1,769	24	35	474
Corvallis OR	811	10	17	207
Cumberland MD-WV-PA	1,283	20	27	405
Dalton GA	1,689	19	35	390
Danbury CT-NY	3,846	22	78	443
Danville IL	,496	8	10	178
Daphne-Fairhope AL	2,053	21	41	411
Davenport IA-IL	4,102	14	84	280
Davis CA	3,280	41	66	838
DeKalb IL	663	9	13	182
Decatur AL	1,550	20	32	411
Decatur IL	1,133	11	23	230
Delano CA	1,518	20	35	461
Deltona FL	3,145	16	64	320
Denton-Lewisville TX	11,593	30	236	615
Des Moines IA	8,998	18	182	366
Dothan AL	2,717	32	56	665
Dover DE	3,015	24	62	490
Dover-Rochester NH-ME	1,863	20	38	413
Dubuque IA-IL	809	11	16	222
Duluth MN-WI	1,873	15	38	306
Durham NC	12,231	33	242	654
East Stoudsburg PA-NJ	1,894	10	38	202
Eau Claire WI	1,329	12	27	249
El Centro-Calexico CA	1,822	15	37	317
El Paso de Robles-Atascadero CA	2,617	36	55	766
Elizabethtown-Radcliff KY	1,316	14	27	288
Elkhart IN-MI	2,031	13	44	291

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
Elmira NY	835	12	17	235
Erie PA	3,888	19	79	381
Evansville IN-KY	3,982	17	83	348
Fairbanks AK	2,455	34	51	712
Fairfield CA	8,559	43	173	867
Fajardo PR	631	7	16	165
Fargo ND-MN	3,053	17	61	321
Farmington NM	920	12	19	247
Fayetteville NC	6,624	20	131	391
Fayetteville-Springdale-Rogers AR-MO	10,654	33	217	677
Flagstaff AZ	1,514	18	33	392
Flint MI	5,495	15	112	298
Florence AL	2,206	26	44	522
Florence SC	2,755	27	57	566
Florida-Imbrey-Barceloneta PR	661	9	17	229
Fond du Lac WI	673	9	14	185
Fort Collins CO	5,968	21	119	414
Fort Smith AR-OK	3,118	24	62	484
Fort Walton Beach-Navarre-Wright FL	4,953	23	99	457
Fort Wayne IN	5,892	18	123	371
Frederick MD	4,002	27	82	548
Fredericksburg VA	4,595	29	93	591
Gadsden AL	1,850	28	39	581
Gainesville FL	5,630	28	114	563
Gainesville GA	3,455	24	70	489
Galveston TX	1,176	13	23	260
Gastonia NC-SC	4,222	24	86	487
Gilroy-Morgan Hill CA	3,975	35	81	718
Glens Falls NY	1,633	22	33	449
Goldsboro NC	1,151	17	23	348
Grand Forks ND-MN	2,353	23	48	464
Grand Island NE	481	6	10	118
Grand Junction CO	1,512	11	30	215
Grants Pass OR	1,060	12	23	247
Great Falls MT	939	13	19	262
Greeley CO	2,858	23	58	465
Green Bay WI	3,421	15	71	311
Greenville NC	3,994	30	80	602
Greenville SC	12,221	28	257	589
Guayama PR	974	12	25	265
Gulfport MS	4,920	21	98	416
Hagerstown MD-WV-PA	2,667	13	59	288
Hammond LA	1,582	20	35	383
Hanford CA	944	10	20	190
Hanover PA	1,337	14	28	305
Harlingen TX	1,685	11	34	230
Harrisburg PA	14,785	33	308	683
Harrisonburg VA	1,859	24	37	475
Hattiesburg MS	2,366	27	48	549
Hazleton PA	1,049	20	22	423
Hemet CA	1,876	10	38	212
Hickory NC	4,060	18	82	360

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
High Point NC	2,651	14	53	292
Hilton Head Island SC	1,847	20	40	439
Hinesville GA	627	10	13	198
Holland MI	1,175	11	24	220
Homosassa Spr-Bev Hills-Citrus Spr FL	1,458	15	30	304
Hot Springs AR	1,305	20	26	392
Houma LA	2,806	18	60	390
Huntington WV-KY-OH	3,918	19	81	383
Huntsville AL	7,384	24	146	467
Idaho Falls ID	902	9	18	181
Iowa City IA	2,032	16	42	330
Ithaca NY	1,506	27	30	552
Jackson MI	1,461	16	30	324
Jackson TN	1,712	22	38	498
Jacksonville NC	2,084	19	42	376
Janesville WI	1,333	17	28	369
Jefferson City MO	1,660	23	33	461
Johnson City TN	2,207	16	44	325
Johnstown PA	823	12	17	249
Jonesboro AR	1,771	25	35	486
Joplin MO	1,801	21	37	437
Juana Díaz PR	186	3	5	80
Kahului HI	1,938	23	43	516
Kailua (Honolulu County)-Kaneohe HI	3,002	23	66	515
Kalamazoo MI	3,739	17	77	345
Kankakee IL	1,121	13	23	265
Kennewick-Pasco WA	3,267	15	68	310
Kenosha WI-IL	3,164	23	72	532
Killeen TX	3,315	14	67	290
Kingsport TN-VA	1,925	17	39	353
Kingston NY	2,308	24	47	487
Kissimmee FL	12,940	32	267	668
Kokomo IN	719	8	15	168
La Crosse WI-MN	1,757	16	37	339
Lady Lake-The Villages FL	1,658	13	34	258
Lafayette IN	2,844	18	60	369
Lafayette LA	8,375	31	184	680
Lafayette-Louisville-Erie CO	1,501	17	30	335
Lake Charles LA	4,904	32	111	718
Lake Havasu City AZ	505	6	10	131
Lake Jackson-Angleton TX	1,506	19	31	387
Lakeland FL	4,773	16	100	345
Lancaster PA	8,904	21	185	436
Lansing MI	4,945	15	101	308
Las Cruces NM	2,680	18	55	376
Lawrence KS	1,507	14	31	285
Lawton OK	618	6	13	122
Lebanon PA	683	8	14	173
Leesburg-Eustis-Tavares FL	2,751	18	57	381
Leominster-Fitchburg MA	2,590	21	52	426
Lewiston ID-WA	686	10	14	213
Lewiston ME	1,458	22	30	451

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
Lexington Park-Cal-Ches Ranch Est MD	1,326	27	27	533
Lexington-Fayette KY	11,318	37	237	779
Lima OH	948	12	20	259
Lincoln NE	4,733	16	95	329
Livermore CA	3,978	46	82	957
Lodi CA	2,746	37	60	825
Logan UT	771	7	18	176
Lompoc CA	543	8	11	170
Longmont CO	2,513	25	50	504
Longview TX	2,958	29	60	588
Longview WA-OR	1,518	23	32	479
Lorain-Elyria OH	3,165	17	67	354
Los Lunas NM	720	8	15	172
Lubbock TX	4,739	19	97	388
Lynchburg VA	3,651	28	72	560
Macon GA	3,656	24	75	488
Madera CA	1,313	14	27	294
Manchester NH	3,750	22	76	450
Mandeville-Covington LA	3,801	35	79	718
Manhattan KS	780	10	16	193
Mankato MN	706	10	14	200
Mansfield OH	1,045	13	21	255
Manteca CA	3,285	36	69	758
Marysville WA	3,753	23	77	483
Mauldin-Simpsonville SC	3,573	27	77	585
Mayaguez PR	4,477	41	109	993
McKinney TX	3,485	19	72	398
Medford OR	2,462	14	52	299
Merced CA	2,176	14	46	300
Michigan City-La Porte IN-MI	709	10	15	209
Middletown OH	1,516	14	31	288
Midland MI	735	10	15	190
Midland TX	2,950	22	62	467
Mission Viejo-Lake Forest-San Clem CA	23,313	38	475	777
Missoula MT	2,162	23	43	456
Mobile AL	9,776	28	197	560
Modesto CA	11,287	30	236	623
Monessen-California PA	890	13	18	254
Monroe LA	2,247	18	47	374
Monroe MI	778	10	16	218
Montgomery AL	6,695	25	135	502
Morgantown WV	838	11	18	238
Morristown TN	1,151	21	23	422
Mount Vernon WA	1,490	25	31	516
Muncie IN	1,086	11	23	232
Murrieta-Temecula-Menifee CA	13,585	29	279	593
Muskegon MI	1,878	11	38	226
Myrtle Beach-Socastee SC-NC	8,268	33	170	682
Nampa ID	2,612	15	53	296
Napa CA	4,332	46	88	924
Nashua NH-MA	5,401	22	110	459
New Bedford MA	3,398	22	69	439

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
New Bern NC	841	11	17	234
Newark OH	2,879	19	56	369
North Port-Port Charlotte FL	3,060	16	62	327
Norwich-New London CT-RI	3,983	24	83	499
Ocala FL	4,033	24	83	489
Odessa TX	3,710	31	77	637
Ogden-Layton UT	8,172	14	190	326
Olympia-Lacey WA	5,532	28	116	588
Oshkosh WI	980	12	21	244
Owensboro KY	1,237	15	27	331
Palm Bay-Melbourne FL	10,668	22	222	452
Palm Coast-Daytona Bch-Port Orange FL	6,860	20	140	413
Panama City FL	4,707	30	95	605
Parkersburg WV-OH	605	9	13	187
Pascagoula MS	818	15	16	290
Peoria IL	3,556	13	72	254
Petaluma CA	3,254	38	67	774
Pine Bluff AR	795	11	16	230
Pittsfield MA	1,143	14	23	288
Pocatello ID	977	13	20	261
Ponce PR	2,575	17	66	443
Port Arthur TX	3,449	23	71	477
Port Huron MI	1,554	17	34	359
Port St. Lucie FL	8,903	21	183	434
Porterville CA	495	7	10	137
Portland ME	5,854	28	121	568
Portsmouth NH-ME	3,094	30	63	612
Pottstown PA	1,647	15	34	310
Prescott Valley-Prescott AZ	1,965	20	40	420
Pueblo CO	3,045	20	61	404
Racine WI	2,884	20	64	447
Rapid City SD	1,927	20	39	415
Reading PA	5,548	21	115	429
Redding CA	3,110	23	64	481
Reno NV-CA	10,955	26	223	534
Roanoke VA	5,657	25	115	510
Rochester MN	2,304	19	47	386
Rock Hill SC	2,774	24	59	522
Rockford IL	5,643	18	122	394
Rocky Mount NC	1,199	18	24	358
Rome GA	2,648	33	54	670
Rd Lake Bch-McHenry-Grayslake IL-WI	369	1	8	26
Saginaw MI	2,195	17	45	355
Salinas CA	5,402	27	113	565
Salisbury MD-DE	2,000	19	41	397
San Angelo TX	1,886	18	39	365
San German-Cabo Rojo-Sabana Gra PR	1,216	10	31	242
San Luis Obispo CA	1,652	21	34	427
San Marcos TX	1,330	14	29	311
Santa Barbara CA	10,113	46	212	966
Santa Clarita CA	6,984	28	144	578
Santa Cruz CA	10,608	42	217	860

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
Santa Fe NM	2,679	28	56	578
Santa Maria CA	2,200	15	46	324
Santa Rosa CA	18,599	53	378	1,079
Saratoga Springs NY	1,930	26	40	543
Savannah GA	10,021	35	203	703
Scranton PA	7,667	19	156	394
Seaside-Monterey CA	6,053	48	124	991
Sebastian-Vero Bch S-Florida Ridge FL	2,456	15	50	302
Sebring-Avon Park FL	1,072	12	23	251
Sheboygan WI	774	10	16	201
Sherman TX	968	12	20	249
Shreveport LA	8,678	28	199	639
Sierra Vista AZ	614	8	13	172
Simi Valley CA	2,598	20	53	410
Sioux City IA-NE-SD	1,549	14	32	277
Sioux Falls SD	3,274	18	67	368
Slidell LA	1,464	15	33	334
South Bend IN-MI	3,722	13	79	270
South Lyon-Howell MI	2,122	16	43	336
Spartanburg SC	5,253	26	110	542
Spring Hill FL	1,768	11	36	221
Springfield IL	2,504	14	52	291
Springfield MO	10,516	34	212	695
Springfield OH	858	9	17	193
St. Augustine FL	2,285	28	46	563
St. Cloud MN	2,025	17	41	352
St. George UT	1,200	11	29	254
St. Joseph MO-KS	1,278	14	27	300
State College PA	1,252	13	25	260
Staunton-Waynesboro VA	1,199	14	23	271
Sumter SC	1,402	18	30	391
Syracuse NY	7,744	18	159	378
Tallahassee FL	7,356	33	149	677
Temple TX	2,429	25	51	529
Terre Haute IN	1,656	17	36	377
Texarkana TX-AR	1,653	19	35	410
Texas City TX	1,999	17	41	338
Thousand Oaks CA	9,247	42	187	845
Titusville FL	742	10	15	216
Topeka KS	3,310	21	70	430
Tracy CA	3,476	36	75	776
Trenton NJ	8,393	28	170	575
Turlock CA	3,190	29	69	626
Tuscaloosa AL	4,600	30	93	614
Twin Rivers-Highstown NJ	1,831	27	37	546
Tyler TX	5,381	31	116	665
Uniontown-Connellsville PA	905	17	18	346
Utica NY	2,123	17	43	353
Vacaville CA	2,605	26	53	527
Valdosta GA	1,826	22	37	450
Vallejo CA	8,197	40	168	822
Victoria TX	2,091	29	44	618

Table 4. Key Congestion Measures for 393 Urban Areas, 2017 (continued)

Urban Area	Annual Hours of Delay Total (000)	Annual Hours of Delay Per Auto Commuter	Annual Congestion Cost Total (Million $)	Annual Congestion Cost $ per Auto Commuter
Victorville-Hesperia CA	5,715	16	119	341
Villas NJ	626	10	13	191
Vineland NJ	1,464	14	30	293
Visalia CA	4,215	17	90	368
Waco TX	3,422	18	72	390
Waldorf MD	2,903	23	59	463
Walla Walla-WA-OR	497	9	11	184
Warner Robins GA	2,599	18	53	365
Waterbury CT	4,013	20	83	421
Waterloo IA	1,021	8	22	170
Watertown NY	788	9	16	187
Watsonville CA	1,593	20	32	403
Wausau WI	1,132	14	23	295
Weirton-Steubenville WV-OH-PA	1,237	17	27	369
Wenatchee WA	1,996	26	41	547
West Bend WI	787	11	16	224
Westminster-Eldersburg MD	1,699	22	35	460
Wheeling WV-OH	2,215	26	50	572
Wichita Falls TX	1,306	13	28	267
Williamsburg VA	1,891	19	37	374
Williamsport PA	1,073	20	22	415
Wilmington NC	6,714	28	133	546
Winchester VA	2,644	32	57	686
Winter Haven FL	3,841	17	80	353
Woodland CA	959	12	20	235
Yakima WA	2,585	18	55	382
Yauco PR	548	6	14	140
York PA	5,221	21	109	442
Youngstown OH-PA	7,057	18	145	373
Yuba City CA	2,567	20	53	402
Yuma AZ-CA	2,693	19	57	409
Zephyrhills FL	1,223	19	25	389