

Table 6. Excess Truck Travel Time and Congestion Cost

Urban Area	Annual Person-Hours of Truck Delay				Annual Truck Congestion Cost (2020 \$millions)			
	2020		2019		2020		2019	
	Hours (000)	Rank	Hours (000)	Rank	Dollars	Rank	Dollars	Rank
Very Large Average (15 areas)	6,943		13,213		372		685	
New York-Newark, NY-NJ-CT	24,288	1	36,628	2	1,298	1	1,800	2
Los Angeles-Long Beach-Anaheim, CA	13,895	2	36,779	1	762	2	1,862	1
Chicago, IL-IN	10,634	3	16,360	3	565	3	969	3
Houston, TX	7,950	4	12,015	5	420	4	586	5
San Francisco-Oakland, CA	6,724	5	13,453	4	366	5	814	4
Dallas-Fort Worth-Arlington, TX	6,250	6	9,846	8	330	6	580	6
Boston, MA-NH-RI	4,894	7	7,478	11	262	7	368	11
Atlanta, GA	4,859	8	10,674	7	257	8	521	8
Philadelphia, PA-NJ-DE-MD	4,751	9	6,995	12	253	9	345	12
Detroit, MI	4,371	10	6,457	14	236	10	322	14
Miami, FL	3,956	11	11,577	6	209	11	563	7
Washington, DC-VA-MD	3,839	12	9,809	9	205	12	480	9
Phoenix-Mesa, AZ	3,010	14	7,765	10	161	14	462	10
Seattle, WA	2,773	15	6,966	13	148	15	342	13
San Diego, CA	1,954	24	5,394	16	105	24	266	16

Very Large Urban Areas—over 3 million population.

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

Yearly Delay per Auto Commuter—Extra travel time during the year.

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

Congestion Cost—The value of 2020 travel time delay (estimated at \$20.17 per hour of person travel and \$55.24 per hour of truck time) and excess fuel consumption (estimated using the state average cost per gallon for gasoline and diesel).

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.

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

Small Urban Areas—less than 500,000 population.

Table 6. Excess Truck Travel Time and Congestion Cost, Continued

Urban Area	Annual Person-Hours of Truck Delay				Annual Truck Congestion Cost (2020 \$millions)			
	2020		2019		2020		2019	
	Hours (000)	Rank	Hours (000)	Rank	Dollars	Rank	Dollars	Rank
Large Average (32 areas)	1,534		2,756		82		147	
St. Louis, MO-IL	3,434	13	4,358	19	181	13	256	17
San Jose, CA	2,581	17	5,443	15	142	16	276	15
Kansas City, MO-KS	2,582	16	3,187	28	136	17	155	29
San Antonio, TX	2,270	18	3,471	27	120	18	204	24
Minneapolis-St. Paul, MN-WI	2,244	19	3,975	23	119	19	236	18
Portland, OR-WA	2,137	21	4,039	22	115	20	200	26
Austin, TX	2,154	20	3,545	25	114	21	173	27
Denver-Aurora, CO	2,066	23	4,637	17	112	22	233	19
Baltimore, MD	2,078	22	4,231	21	110	23	207	23
Oklahoma City, OK	1,868	26	2,434	33	98	26	118	40
Nashville-Davidson, TN	1,789	28	4,350	20	95	28	212	22
Cleveland, OH	1,702	30	2,274	37	93	29	138	33
Riverside-San Bernardino, CA	1,644	31	4,488	18	90	31	227	21
Sacramento, CA	1,603	32	2,122	39	88	32	129	35
Indianapolis, IN	1,548	33	2,488	31	83	33	124	36
Memphis, TN-MS-AR	1,427	34	2,183	38	76	34	130	34
Milwaukee, WI	1,403	35	1,857	45	74	35	91	46
Tampa-St. Petersburg, FL	1,370	36	3,909	24	73	36	232	20
Columbus, OH	1,331	37	1,979	42	71	37	117	41
San Juan, PR	1,239	38	2,680	30	68	38	164	28
Cincinnati, OH-KY-IN	1,226	39	2,343	35	65	39	115	42
Orlando, FL	1,164	41	2,939	29	62	40	145	30
Pittsburgh, PA	1,166	40	1,880	43	62	40	92	44
Charlotte, NC-SC	1,064	42	2,041	41	56	42	121	37
Las Vegas-Henderson, NV	1,003	43	2,343	35	53	43	139	32
Louisville-Jefferson County, KY-IN	888	44	1,807	46	47	44	106	43
Providence, RI-MA	885	46	1,147	54	47	44	56	56
Salt Lake City-West Valley City, UT	875	47	1,470	50	47	44	72	51
Virginia Beach, VA	695	54	1,215	53	37	54	60	54
Richmond, VA	667	56	840	64	35	55	50	59
Jacksonville, FL	567	62	1,501	48	30	62	73	49
Raleigh, NC	432	73	1,027	57	23	73	60	54

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Medium Average (33 areas)	602		1,029		32		56	
Bridgeport-Stamford, CT-NY	1,881	25	2,365	34	100	25	140	31
New Orleans, LA	1,729	29	3,499	26	91	30	204	24
El Paso, TX-NM	888	44	1,233	52	47	44	73	49
Hartford, CT	870	48	1,307	51	46	48	64	53
Tucson, AZ	840	49	1,867	44	45	49	92	44
Baton Rouge, LA	805	50	2,049	40	43	50	121	37
Tulsa, OK	774	51	1,021	58	41	51	50	59
Buffalo, NY	720	52	1,019	59	39	52	51	58
Fresno, CA	712	53	875	63	38	53	43	65
Birmingham, AL	672	55	1,473	49	35	55	86	48
Honolulu, HI	623	58	1,686	47	35	55	87	47
Akron, OH	625	57	716	69	33	58	35	74
Knoxville, TN	615	59	1,124	55	33	58	67	52
Albany-Schenectady, NY	608	60	732	65	32	60	36	71
Provo-Orem, UT	589	61	1,047	56	32	60	52	57
McAllen, TX	565	63	903	61	30	62	45	62
Dayton, OH	545	65	662	71	29	65	39	67
Springfield, MA-CT	498	67	658	73	27	67	32	76
Albuquerque, NM	489	68	979	60	26	68	49	61
New Haven, CT	479	69	634	76	26	68	38	70
Colorado Springs, CO	451	71	652	75	24	70	39	67
Grand Rapids, MI	453	70	661	72	24	70	39	67
Rochester, NY	447	72	658	73	24	70	32	76
Charleston-North Charleston, SC	399	76	891	62	21	75	44	63
Worcester, MA-CT	404	75	570	80	21	75	28	81
Allentown, PA-NJ	314	79	601	79	17	78	31	78
Omaha, NE-IA	325	78	612	78	17	78	36	71
Wichita, KS	303	80	426	88	16	80	21	88
Columbia, SC	272	83	629	77	15	81	31	78
Toledo, OH-MI	272	83	490	85	14	84	24	86
Cape Coral, FL	243	87	725	67	13	85	36	71
Sarasota-Bradenton, FL	243	87	726	66	13	85	43	65
Bakersfield, CA	219	89	459	87	12	89	24	86

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Small Average (21 areas)	307		474		18		26	
Little Rock, AR	1,834	27	2,471	32	97	27	120	39
Stockton, CA	553	64	720	68	30	62	44	63
Madison, WI	519	66	690	70	28	66	34	75
Jackson, MS	426	74	529	83	23	73	26	84
Corpus Christi, TX	372	77	513	84	20	77	25	85
Laredo, TX	275	81	567	81	15	81	28	81
Spokane, WA	273	82	548	82	15	81	27	83
Greensboro, NC	250	85	339	91	13	85	17	91
Poughkeepsie-Newburgh, NY-NJ	249	86	338	92	13	85	17	91
Oxnard, CA	195	90	342	90	11	90	17	91
Boise, ID	191	93	486	86	10	91	29	80
Eugene, OR	193	92	385	89	10	91	19	89
Winston-Salem, NC	195	90	290	95	10	91	14	96
Brownsville, TX	150	95	231	97	8	94	11	98
Indio-Cathedral City, CA	151	94	249	96	8	94	15	94
Pensacola, FL-AL	146	96	322	93	8	94	19	89
Anchorage, AK	128	98	227	98	7	97	11	98
Beaumont, TX	140	97	210	100	7	97	10	100
Lancaster-Palmdale, CA	110	100	220	99	6	99	13	97
Salem, OR	111	99	304	94	6	99	15	94
Boulder, CO	72	101	163	101	4	101	10	100
101 Area Average	1,778		3,270		95		172	
Remaining Areas Average	95		175		5		9	
All 494 Area Average	426		784		23		41	

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