

Table 1099. Roadway Congestion by Urbanized Area: 2009

[14,779 represents 14,779,000. Various federal, state, and local information sources were used to develop the database with the primary source being the Federal Highway Administration's Highway Performance Monitoring System]

Urbanized area	Freeway daily vehicle miles of travel		Annual person hours of delay		Annual congestion cost ¹		
	Total miles (1,000)	Per lane—mile of freeway	Total hours (1,000)	Per person ²	Per person (dol.)	Delay and fuel cost (mil. dol.)	Fuel wasted (gal. per person)
Total, average	14,779	15,391	41,808	25	591	994	20
Akron, OH	5,156	11,853	6,713	11	239	148	8
Albany-Schenectady, NY	6,761	10,993	7,844	13	310	190	11
Albuquerque, NM	4,886	14,585	10,798	18	467	286	14
Allentown-Bethlehem, PA-NJ	4,637	11,173	9,998	16	377	237	13
Atlanta, GA	45,862	18,199	112,262	27	649	2,727	22
Austin, TX	11,960	14,585	30,272	24	553	691	21
Baltimore, MD	25,516	16,356	82,836	33	810	2,024	28
Beaumont, TX	2,909	12,121	3,536	15	357	86	15
Birmingham, AL	9,263	13,622	16,227	19	447	380	16
Boston, MA-NH-RI	39,805	15,610	118,707	28	633	2,691	21
Bridgeport-Stamford, CT-NY	10,025	16,570	20,972	23	548	507	20
Buffalo, NY	6,397	9,842	11,660	11	267	280	10
Cape Coral, FL	1,637	14,882	7,465	16	394	183	13
Charleston-North, Charleston, SC	3,595	13,315	9,189	18	445	227	16
Charlotte, NC-SC	11,539	14,072	17,207	17	435	437	14
Chicago, IL-IN	54,415	18,018	372,755	44	1,112	9,476	33
Cincinnati, OH-KY-IN	17,766	14,385	21,391	13	309	525	10
Cleveland, OH	16,628	11,793	21,859	13	286	489	11
Colorado Springs, CO	3,872	11,558	12,074	22	493	266	18
Columbus, OH	14,313	14,909	14,282	11	257	323	10
Dallas-Fort Worth-Arlington, TX	62,777	17,199	159,654	32	728	3,649	25
Dayton, OH	6,909	11,810	7,479	10	228	170	8
Denver-Aurora, CO	19,697	15,388	75,196	33	758	1,711	27
Detroit, MI	29,406	15,356	87,996	23	521	2,032	17
El Paso, TX-NM	5,522	12,409	10,020	14	340	242	12
Fresno, CA	3,857	12,857	6,669	10	247	165	9
Grand Rapids, MI	4,850	10,778	8,131	13	318	193	13
Hartford, CT	10,457	13,237	14,072	16	357	321	13
Honolulu, HI	5,873	14,152	14,394	20	460	326	17
Houston, TX	54,290	16,653	144,302	37	868	3,403	33
Indianapolis, IN	13,060	14,119	20,164	17	419	503	13
Jackson, MS	4,717	12,923	5,607	13	385	161	13
Jacksonville, FL	11,701	14,811	18,481	17	420	445	15
Kansas City, MO-KS	20,692	10,777	22,172	14	348	538	14
Las Vegas, NV	10,481	18,716	30,077	21	481	673	18
Los Angeles-Long Beach-Santa Ana, CA	131,537	23,447	514,955	40	921	11,997	31
Louisville, KY-IN	11,808	14,227	16,019	15	365	389	13
Memphis, TN-MS-AR	8,192	12,603	17,639	17	411	430	15
Miami, FL	39,243	18,001	140,972	26	612	3,272	20
Milwaukee, WI	10,194	13,683	24,113	16	384	570	13
Minneapolis-St. Paul, MN	27,970	16,262	74,070	27	626	1,689	24
Nashville-Davidson, TN	14,430	13,486	25,443	23	567	624	18
New Haven, CT	7,275	13,857	11,956	19	463	285	17
New Orleans, LA	4,776	12,736	19,867	20	506	511	15
New York-Newark, NY-NJ-CT	113,607	15,735	454,443	24	580	10,878	19
Oklahoma City, OK	9,472	12,301	16,335	17	396	376	14
Omaha, NE-IA	3,999	12,900	8,737	14	292	184	11
Orlando, FL	13,199	14,504	39,185	27	673	962	22
Oxnard-Ventura, CA	6,958	17,615	8,921	13	310	216	13
Pensacola, FL-AL	1,303	8,687	4,715	13	303	108	11
Philadelphia, PA-NJ-DE-MD	34,956	14,505	136,429	26	613	3,274	20
Phoenix, AZ	29,872	19,027	80,390	23	611	2,161	20
Pittsburgh, PA	11,524	9,003	39,718	23	548	965	19
Portland, OR-WA	12,991	16,549	40,554	22	515	958	18
Providence, RI-MA	10,771	11,644	15,679	13	278	343	10
Raleigh-Durham, NC	11,408	13,113	18,541	17	431	472	15
Richmond, VA	11,398	10,804	12,895	14	292	279	12
Riverside-San Bernardino, CA	23,212	20,818	39,008	20	501	976	17
Sacramento, CA	15,166	18,383	28,461	15	363	671	14
Salem, OR	1,358	10,864	4,119	17	420	100	14
Salt Lake City, UT	7,576	13,291	18,789	19	418	415	15
San Antonio, TX	19,562	15,650	29,446	19	435	664	18
San Diego, CA	37,196	18,645	71,034	23	549	1,672	20
San Francisco-Oakland, CA	47,967	19,110	121,117	30	698	2,791	24
San Jose, CA	16,170	17,867	42,313	24	526	937	20
Sarasota-Bradenton, FL	2,323	14,079	8,563	13	292	198	10
Seattle, WA	29,645	15,981	86,549	27	665	2,119	22
St. Louis, MO-IL	28,630	12,209	48,777	21	531	1,238	18
Tampa-St. Petersburg, FL	13,532	15,290	54,130	23	529	1,239	18
Toledo, OH-MI	3,695	11,030	4,427	9	197	102	6
Tucson, AZ	3,632	14,528	11,282	16	453	317	12
Tulsa, OK	6,997	9,329	8,621	12	289	202	12
Virginia Beach, VA	12,907	13,658	33,469	22	461	714	17
Washington, DC-VA-MD	37,450	18,048	180,976	41	913	4,066	33
Worcester, MA	5,658	11,666	6,051	14	305	135	11

¹ Value of extra time (delay) and the extra fuel consumed by vehicles traveling at slower speeds. Fuel cost per gallon is the average price for each state. ² The hours of extra travel time divided by the number of urban area peak period travelers. This is an annual measure indicating the sum of all extra travel time that would occur during the year for the average traveler.

Source: Texas Transportation Institute, College Station, Texas, 2010 *Urban Mobility Study*, Summer 2010 (copyright). See also <<http://mobility.tamu.edu/ums/>>.