

# STATE TRANSPORTATION STATISTICS



2010





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STATISTICS

\* \* \*

2010

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## **State Transportation Statistics 2010**

The Bureau of Transportation Statistics (BTS), a part of DOT's Research and Innovative Technology Administration (RITA), presents *State Transportation Statistics 2010*, a statistical profile of transportation in the 50 states and the District of Columbia. This is the eighth annual edition of the *State Transportation Statistics*, and a companion document to the *National Transportation Statistics (NTS)*, which is updated quarterly on the BTS website.

Like the previous editions, this document presents transportation information from RITA/BTS, other federal government agencies, and other national sources. A picture of the states' transportation infrastructure, freight movement and passenger travel, system safety, vehicles, transportation related economy and finance, energy usage and the environment is presented in tables covering the 50 states and the District of Columbia. Tables have been updated with the most recently available data.

Included in this *State Transportation Statistics 2010* report is a brief description of the data sources used and a glossary of terms. Also contained in this publication is a summary table that displays the approximate timing of future data releases and contact information for each state's department of transportation.

# United States Fast Facts

Data are for 2009 unless otherwise noted.

## Transportation System Extent

All public roads: 4.05 million miles  
Interstate: 46,720 miles  
Road bridges: 604,460<sup>1</sup>  
Class I railroad trackage: 118,649 miles  
Inland waterways: 29,620 miles  
Public use airports: 5,202<sup>1</sup>

## Vehicles and Conveyances

Automobiles registered: 134.9 million  
Light trucks registered: 102.2 million  
Heavy trucks registered: 10.6 million  
Buses registered: 0.8 million  
Motorcycles registered: 7.9 million  
Rail transit systems: 25 commuter rail, 15 heavy rail (subway), 28 light rail<sup>1</sup>  
Recreational boats registered: 12.7 million

## Geographic

Land area: 3.5 million sq. miles  
Percent of land area owned by federal government: 28.8<sup>2</sup>  
Persons per square mile: 87.3<sup>1</sup>  
Highest point: Mt. McKinley, AK (20,320 ft.)  
Lowest point: Death Valley, CA (-282 ft.)

## Government Subdivisions

County governments: 3,033<sup>3</sup>  
Municipal governments: 19,492<sup>3</sup>  
Town governments: 16,519<sup>3</sup>  
Congressional districts: 435

## Demographic

Population: 307.0 million  
Percent urban population: 79.0<sup>43</sup>

## Socioeconomic

Gross domestic product: \$13.2 trillion in chained (2005) dollars (\$14.7 trillion in current dollars)<sup>1</sup>  
Civilian labor force: 153.9 million<sup>1</sup>  
Median household income: \$50,221

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# Section A

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## Infrastructure



**Table 1-1: Public Road Length, Miles by Functional System: 2009**

State	Other			Local	Total
	Interstate	principal and minor arterials <sup>1</sup>	Major and minor collectors		
Alabama <sup>2</sup>	867	8,312	18,054	66,587	93,820
Alaska	1,082	1,555	2,791	10,291	15,719
Arizona <sup>3</sup>	1,168	5,906	8,132	45,234	60,440
Arkansas	655	7,240	21,089	71,116	100,100
California	2,460	28,960	32,251	108,203	171,874
Colorado	952	9,250	16,275	61,801	88,278
Connecticut	346	2,998	3,206	14,857	21,407
Delaware	41	673	1,046	4,542	6,302
District of Columbia	13	285	157	1,050	1,505
Florida	1,471	13,550	14,409	92,017	121,447
Georgia	1,242	14,207	22,915	83,267	121,631
Hawaii	55	788	832	2,696	4,371
Idaho	612	4,150	10,380	33,038	48,180
Illinois	2,182	14,745	21,793	100,857	139,577
Indiana <sup>4</sup>	1,171	8,700	22,351	63,457	95,679
Iowa	781	9,754	31,557	72,255	114,347
Kansas	874	9,713	33,541	96,625	140,753
Kentucky	762	5,939	16,133	56,129	78,963
Louisiana	905	5,578	10,038	44,814	61,335
Maine	367	2,199	5,930	14,343	22,839
Maryland	482	4,091	5,052	21,836	31,461
Massachusetts	573	6,474	4,830	24,300	36,177
Michigan	1,242	15,008	24,446	80,955	121,651
Minnesota	917	13,598	30,478	92,939	137,932
Mississippi	699	7,618	15,509	51,159	74,985
Missouri	1,180	10,684	24,896	93,599	130,359
Montana	1,192	6,036	16,214	50,185	73,627
Nebraska	481	8,129	20,760	64,261	93,631
Nevada	571	3,150	4,996	26,127	34,844
New Hampshire	225	1,594	2,743	11,479	16,041
New Jersey	431	6,161	4,151	28,092	38,835
New Mexico	1,000	5,116	8,535	53,733	68,384
New York	1,705	14,641	20,685	77,515	114,546
North Carolina	1,140	10,051	17,397	76,729	105,317
North Dakota	571	5,919	11,814	68,539	86,843
Ohio	1,572	11,460	22,737	87,255	123,024
Oklahoma	933	11,122	25,301	78,495	115,851
Oregon	729	7,099	17,671	33,629	59,128
Pennsylvania <sup>5</sup>	1,792	13,829	19,824	86,335	121,780
Rhode Island	71	925	887	4,517	6,400
South Carolina	843	7,238	15,088	43,094	66,263
South Dakota	679	6,433	19,021	56,221	82,354
Tennessee	1,104	9,217	17,899	65,032	93,252
Texas	3,233	33,131	64,729	209,757	310,850
Utah	936	3,727	8,132	32,082	44,877
Vermont	320	1,322	3,123	9,671	14,436
Virginia	1,119	8,673	14,135	50,255	74,182
Washington	764	8,165	17,224	57,354	83,507
West Virginia	555	3,486	8,609	25,948	38,598
Wisconsin	743	12,722	22,310	79,135	114,910
Wyoming	913	3,613	11,173	12,406	28,105
United States, total	46,720	414,935	793,249	2,795,813	4,050,717
U.S. total (incl. Puerto Rico)	47,002	416,672	794,978	2,808,744	4,067,396

<sup>1</sup> Includes other freeways and expressways.<sup>2</sup> 2008 data used for the rural minor collector, and rural and urban local functional systems.<sup>3</sup> 2008 data.<sup>4</sup> Excludes 823 miles of Federal agency owned roads plus 71 miles of other non-Federal agency owned roads.<sup>5</sup> 2008 data used for the rural minor collector, and rural and urban local functional systems.

**NOTE:** The difference in total miles between tables 1-1 and 1-2 results from the Federal Highway Administration's (FHWA) expansion of sample data to derive estimates of road length by different variables. FHWA considers the length totals in this table to be the control totals should a single value be required.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009*, Washington, DC: 2010, table HM-20, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jun. 7, 2011.

**Table 1-2: Public Road Length, Miles by Ownership: 2008**

State	State highway agency	County	Town, township, municipal	Other jurisdiction <sup>1</sup>	Federal agency <sup>2</sup>	Total
Alabama	10,938	60,734	24,051	169	1,433	97,325
Alaska	5,650	3,522	1,817	2,803	1,536	15,328
Arizona	6,755	18,163	21,889	387	13,245	60,439
Arkansas	16,430	66,140	14,575	1	2,666	99,812
California	15,205	65,344	74,739	3,068	14,156	172,512
Colorado	9,101	56,182	15,640	663	6,680	88,266
Connecticut	3,717	0	17,232	331	85	21,365
Delaware	5,329	0	781	43	128	6,281
District of Columbia	1,390	0	0	24	91	1,505
Florida	12,084	69,804	37,443	0	2,055	121,386
Georgia	17,997	84,613	14,563	297	4,405	121,875
Hawaii	945	3,239	0	60	118	4,362
Idaho	4,958	15,517	2,732	16,684	7,897	47,788
Illinois	16,040	16,367	106,131	707	247	139,492
Indiana <sup>3</sup>	11,215	66,096	18,302	0	0	95,613
Iowa	8,895	89,564	15,095	549	123	114,226
Kansas	10,369	113,338	15,725	238	939	140,609
Kentucky	27,574	39,459	10,475	312	929	78,749
Louisiana	16,685	32,514	11,250	17	627	61,093
Maine	8,510	0	13,993	155	171	22,829
Maryland	5,148	21,160	4,678	259	140	31,385
Massachusetts	2,834	4	32,391	771	104	36,104
Michigan	9,652	89,306	21,108	36	1,564	121,666
Minnesota	11,893	44,876	77,397	4,073	0	138,239
Mississippi	10,973	53,154	9,884	89	786	74,886
Missouri	33,677	73,023	21,684	0	1,333	129,717
Montana	10,796	45,003	4,104	339	13,929	74,171
Nebraska	9,959	60,949	22,227	249	231	93,615
Nevada	5,379	21,887	4,605	542	1,494	33,907
New Hampshire	3,972	0	11,835	53	146	16,006
New Jersey	2,324	6,444	28,455	1,008	522	38,753
New Mexico	11,951	39,534	4,887	215	11,797	68,384
New York	14,969	20,345	77,042	1,333	784	114,473
North Carolina	79,466	0	21,422	748	3,467	105,103
North Dakota	7,384	10,067	67,825	23	1,543	86,842
Ohio	19,258	28,987	73,043	1,136	549	122,973
Oklahoma	12,280	80,079	19,708	1,210	48	113,325
Oregon	7,538	33,168	10,839	628	7,077	59,250
Pennsylvania	39,862	290	77,015	3,750	855	121,772
Rhode Island	1,108	0	5,237	3	56	6,404
South Carolina	41,429	20,260	2,203	191	2,171	66,254
South Dakota	7,836	35,308	35,774	1,059	2,172	82,149
Tennessee	13,881	57,188	19,492	339	1,273	92,173
Texas	80,067	145,632	79,729	145	831	306,404
Utah	5,841	23,968	10,477	0	4,419	44,705
Vermont	2,630	0	11,416	210	167	14,423
Virginia	57,918	1,681	11,463	39	2,802	73,903
Washington	7,042	39,826	17,207	10,793	8,659	83,527
West Virginia	34,369	0	3,162	87	834	38,452
Wisconsin	11,770	20,716	81,449	69	839	114,843
Wyoming	6,742	14,590	2,254	1,112	3,407	28,105
United States, total	779,735	1,788,041	1,286,445	57,017	131,530	4,042,768
U.S. total (incl. Puerto Rico)	784,310	1,788,041	1,298,413	57,017	131,559	4,059,340

<sup>1</sup> Includes state park, state toll, other state agency, other local agency, and roadways not identified by ownership.

<sup>2</sup> Roadways in federal parks, forests, and reservations that are not part of the state and local highway systems.

<sup>3</sup> Excludes 788 miles of Federal agency owned roads.

**NOTE:** The difference in total miles between tables 1-1 and 1-2 results from the Federal Highway Administration's (FHWA) expansion of sample data to derive estimates of road length by different variables. FHWA considers the length totals in table 1-1 to be the control totals should a single value be required.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table HM-10, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 13, 2011.

**Table 1-3: Toll Roads, Toll Bridges and Tunnels, and Toll Ferry Routes: 2008**

State	Toll road mileage <sup>1</sup>	Number of toll bridges <sup>2</sup>	Number of toll tunnels <sup>2</sup>	Number of toll ferry routes
Alabama	0.7	3	0	2
Alaska	0.0	0	1	15
Arizona	0.0	0	0	0
Arkansas	0.0	0	0	0
California	95.8	8	0	1
Colorado	84.0	0	0	0
Connecticut	0.0	0	0	6
Delaware	56.7	1	0	1
District of Columbia	0.0	0	0	0
Florida	685.8	14	0	0
Georgia	6.2	0	0	0
Hawaii	0.0	0	0	0
Idaho	0.0	0	0	0
Illinois	284.1	4	0	5
Indiana	156.8	2	0	0
Iowa	0.0	5	0	1
Kansas	236.0	0	0	0
Kentucky	93.6	0	0	3
Louisiana	1.5	3	0	0
Maine	106.2	0	0	15
Maryland	27.6	5	2	2
Massachusetts	138.2	1	2	2
Michigan	0.0	6	1	13
Minnesota	0.0	2	0	0
Mississippi	0.0	0	0	0
Missouri	0.0	1	0	7
Montana	0.0	0	0	0
Nebraska	0.0	4	0	0
Nevada	6.4	0	0	0
New Hampshire	155.4	8	0	0
New Jersey	359.9	20	2	1
New Mexico	0.0	0	0	0
New York	567.6	28	4	10
North Carolina	0.0	0	0	4
North Dakota	0.0	1	0	0
Ohio	241.2	2	0	6
Oklahoma	595.5	0	0	0
Oregon	0.0	2	0	5
Pennsylvania	533.0	15	0	2
Rhode Island	0.0	1	0	3
South Carolina	23.5	0	0	0
South Dakota	0.0	0	0	0
Tennessee	0.0	0	0	1
Texas	308.0	23	1	1
Utah	1.0	0	0	1
Vermont	11.9	1	0	4
Virginia	56.2	4	2	1
Washington	0.0	3	0	19
West Virginia	86.8	2	0	1
Wisconsin	0.0	0	0	6
Wyoming	0.0	0	0	0
United States, total	4,919.6	135	13	112
U.S. total (incl. Puerto Rico)	5,135.9	136	13	116

<sup>1</sup> Includes route-miles of completed roadway; excludes non-toll sections.

<sup>2</sup> Counts multiple structures at a single facility as one bridge or tunnel; does not include bridges or tunnels that are part of roadway segments reported under *Toll-road mileage*.

**NOTE:** Totals reflect crossings between states as one facility or ferry route. These include 34 bridges, 2 tunnels, and 26 ferry routes.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Highway Policy Information, *Toll Facilities in the United States: Bridges-Roads-Tunnels-Ferries*, (Washington, DC: August 2009), available at <http://www.fhwa.dot.gov/ohim/tollpage.htm> as of Jul. 13, 2011.

**Table 1-4: Road Condition: 2008  
(Miles)**

State	International Roughness Index (IRI)						Present Serviceability Rating (PSR)				
	Not Reported	<60	60-94	95-170	171-220	>220	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0
Alabama	98	2,898	9,257	9,218	1,528	711	0	67	258	2	0
Alaska	457	86	698	1,750	593	193	8	0	1	0	0
Arizona	414	2,320	2,278	2,980	667	181	2,060	678	749	214	189
Arkansas	22	473	3,623	9,809	2,927	115	95	936	1,370	1,277	881
California	245	592	7,014	21,066	10,756	8,947	1,279	806	2,434	890	938
Colorado	184	466	3,990	5,782	693	146	1,392	1,142	1,845	682	238
Connecticut	0	48	501	2,435	578	242	1,915	235	178	8	1
Delaware	2	17	665	604	133	96	0	6	9	0	2
District of Columbia	0	0	0	25	66	362	0	0	0	0	0
Florida	49	3,413	7,293	2,567	162	83	2,747	3,047	5,606	618	284
Georgia	87	11,519	5,384	755	46	7	2,982	2,398	5,070	1,654	699
Hawaii	0	14	71	779	312	375	0	0	1	4	0
Idaho	110	334	3,023	2,164	150	35	235	114	336	2,789	328
Illinois	0	1,335	4,368	5,234	1,454	437	6,293	4,897	7,053	2,673	1,079
Indiana	2	2,730	7,730	6,173	623	289	828	1,203	1,506	792	681
Iowa	88	2,168	4,249	8,433	2,190	1,477	288	2,815	2,619	183	0
Kansas	105	1,406	7,612	4,887	670	446	159	2,435	49	5,739	1,066
Kentucky	0	976	3,928	8,573	274	122	0	0	0	0	0
Louisiana	152	427	4,041	5,374	1,816	1,514	0	3	12	14	0
Maine	0	265	2,440	2,317	750	548	0	0	0	0	0
Maryland	34	438	1,926	2,694	1,143	1,493	0	0	0	0	0
Massachusetts	7	6,020	881	2,673	1,094	430	0	0	0	0	0
Michigan	1	2,912	4,175	3,043	738	640	6,723	1,973	7,724	1,649	4,056
Minnesota	120	8,321	11,001	10,660	1,883	413	0	0	0	0	0
Mississippi	0	414	3,921	13,257	2,861	911	0	0	0	0	0
Missouri	188	1,205	4,607	16,482	5,090	283	9	1	17	0	2,663
Montana	6	1,568	6,565	3,448	163	156	5	8	271	269	180
Nebraska	25	2,683	3,926	3,560	704	133	1,553	1,053	1,491	366	391
Nevada	23	2,411	1,490	1,773	258	306	0	0	0	0	0
New Hampshire	17	325	864	1,198	362	314	1	0	303	25	0
New Jersey	96	75	494	3,258	2,053	2,716	262	204	961	112	85
New Mexico	168	2,130	2,137	3,330	1,609	690	0	0	0	832	0
New York	215	806	7,023	12,256	2,960	3,698	0	0	0	0	0
North Carolina	0	712	8,216	9,664	791	522	473	362	762	237	164
North Dakota	0	1,463	3,720	3,586	348	73	1,286	1,173	1,506	724	111
Ohio	30	1,668	8,216	7,038	1,088	428	5,763	2,436	2,124	177	5
Oklahoma	4	690	5,912	13,375	4,156	5,262	21	0	0	0	0
Oregon	2	608	3,677	4,268	834	202	2,424	2,541	2,194	331	52
Pennsylvania	29	1,238	5,782	13,910	4,102	3,117	0	0	0	0	0
Rhode Island	0	10	99	503	207	126	144	208	285	108	65
South Carolina	0	547	5,696	12,069	1,652	976	0	0	0	0	0
South Dakota	22	1,269	2,952	3,635	1,331	443	2,447	251	1,848	278	593
Tennessee	1	3,483	5,910	3,970	351	435	1,084	800	1,045	385	193
Texas	241	2,542	18,057	43,155	4,762	1,261	1,356	1,959	5,439	2,263	1,468
Utah	24	506	1,952	3,562	391	38	5	36	1,609	114	25
Vermont	0	167	652	1,497	709	579	15	72	57	34	77
Virginia	48	226	3,975	7,465	330	224	2,447	2,645	2,942	814	248
Washington	1	642	3,655	4,665	640	315	3,418	1,624	3,056	829	539
West Virginia	0	315	1,989	5,106	1,340	1,655	0	0	0	0	0
Wisconsin	297	2,892	6,904	13,309	2,287	2,559	0	0	0	0	0
Wyoming	18	518	2,889	3,113	435	35	83	218	378	83	62
United States, total	3,632	80,291	217,428	332,447	73,060	46,759	49,800	38,346	63,108	27,169	17,363
U.S. total (incl. Puerto Rico)	3,675	80,293	217,466	333,076	73,743	47,618	50,051	38,688	63,641	27,251	17,403

**NOTES:** Rural major collector, urban minor arterial, and urban collector data for 2009 are not available as of January 2012. Road condition ratings are derived from the International Roughness Index (IRI) and the Present Serviceability Rating (PSR). States are required to report to the Federal Highway Administration (FHWA) IRI data for the Interstates, other principal arterials, rural minor arterials, and the National Highway System regardless of functional system. The IRI is also recommended by FHWA for measuring all other functional classifications because the IRI uses a more standardized and objective measurement methodology. Some States elect to report PSR for some sections of rural major collectors, urban minor arterials, and urban collectors. Pavement rating data are not reported for local or rural minor collector functional systems.

According to the pavement condition criteria used in the Highway Performance Monitoring System, an IRI rating less than 95 or a PSR rating greater than or equal to 3.5 indicates "good" ride quality. An IRI rating of less than or equal to 170 or a PSR rating for greater than or equal to 2.5 indicates "acceptable" ride quality. For further information, refer to the U.S. Department of Transportation, Federal Highway Administration, 2008 Status of the Nation's Highways, Bridges, and Transit: Conditions and Performance Report, Exhibit 3-1, available at <http://www.fhwa.dot.gov/policy/2008cpr/> as of January 2012.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008*, Washington, DC: 2009, tables HM-63 and HM-64, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jan. 30, 2012.



**Table 1-5: Number of Road Bridges by Functional System: 2010**

State	Urban					Rural			
	Interstate	Other freeways and expressways	Other arterial	Collector	Local	Interstate	Other arterial	Collector	Local
Alabama	557	103	889	275	955	606	2,746	5,511	4,376
Alaska	28	16	100	22	47	156	199	262	304
Arizona	280	323	830	390	644	1,266	1,650	1,293	896
Arkansas	348	164	702	141	480	458	2,352	4,998	2,944
California	2,493	2,989	4,615	1,151	1,658	1,270	3,041	3,298	4,034
Colorado	535	358	901	355	492	607	1,277	1,775	2,206
Connecticut	731	540	740	460	509	102	240	339	530
Delaware	91	28	188	80	66	0	103	110	195
District of Columbia	61	32	91	15	43	0	0	1	0
Florida	1,151	1,151	2,116	968	1,157	657	1,796	1,392	1,524
Georgia	566	193	1,964	582	1,281	422	2,332	3,816	3,514
Hawaii	194	79	144	71	105	23	254	155	112
Idaho	108	0	323	102	99	284	527	971	1,718
Illinois	1,337	154	2,639	870	1,151	941	2,380	4,547	12,318
Indiana	722	207	1,361	538	801	768	1,402	5,103	7,646
Iowa	252	0	1,040	238	500	390	2,349	7,511	12,451
Kansas	487	321	897	290	416	543	2,659	8,364	11,351
Kentucky	420	127	626	239	418	348	1,583	4,346	5,742
Louisiana	917	198	1,080	244	838	649	2,127	2,835	4,473
Maine	123	23	136	107	82	158	321	712	731
Maryland	685	349	687	274	735	207	396	816	1,041
Massachusetts	896	459	1,654	511	568	82	174	341	428
Michigan	813	316	1,476	461	556	385	1,220	2,593	3,108
Minnesota	420	216	932	279	354	293	1,701	3,250	5,663
Mississippi	299	107	574	280	375	475	2,750	4,718	7,487
Missouri	823	1,136	800	610	1,105	351	2,458	5,042	11,920
Montana	83	0	83	13	13	747	1,031	1,012	2,137
Nebraska	118	52	361	89	131	216	2,158	3,571	8,680
Nevada	214	88	265	193	236	308	137	165	147
New Hampshire	103	45	175	51	75	258	327	459	916
New Jersey	952	750	2,028	634	886	100	199	324	647
New Mexico	278	1	432	134	114	605	1,021	832	486
New York	1,526	1,005	2,676	1,093	1,366	651	1,483	3,257	4,307
North Carolina	626	455	1,367	362	1,307	488	1,834	3,795	7,865
North Dakota	59	0	140	19	30	147	602	884	2,537
Ohio	1,356	779	1,993	1,025	1,426	863	2,289	7,099	11,203
Oklahoma	474	527	930	501	586	626	2,551	7,354	10,143
Oregon	248	93	647	234	215	399	1,227	2,086	2,106
Pennsylvania	1,075	733	2,943	1,635	1,509	1,018	2,462	4,130	6,854
Rhode Island	123	106	246	64	61	22	41	53	41
South Carolina	335	75	794	519	539	373	1,254	2,680	2,683
South Dakota	116	6	149	43	56	341	977	1,327	2,876
Tennessee	714	298	1,862	432	959	705	2,697	5,336	6,889
Texas	3,137	3,707	6,055	2,368	4,513	2,283	7,983	11,152	10,250
Utah	388	43	288	76	298	460	338	455	565
Vermont	57	2	89	41	31	256	372	693	1,171
Virginia	1,018	422	1,529	509	827	654	1,531	2,656	4,376
Washington	635	456	870	210	277	311	930	2,011	2,055
West Virginia	249	56	311	113	250	405	737	2,029	2,919
Wisconsin	489	393	1,265	180	493	609	2,222	2,583	5,748
Wyoming	161	5	118	46	39	766	502	531	892
United States, total	29,871	19,686	55,121	20,137	31,672	25,052	74,942	140,573	205,205
U.S. total (incl. Puerto Rico)	30,116	19,791	55,476	20,311	31,877	25,223	75,132	140,925	205,609

**NOTE:** Some discrepancies exist between the total number of bridges reported in tables 1-5, 1-6, and 1-7 because of bridges not identified in one or more of the categories and other anomalies.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: FHWA Bridge Programs Count, Area, Length of Bridges by Highway System*, available at <http://www.fhwa.dot.gov/bridge/fc.cfm> as of Jun. 9, 2011.

**Table 1-6: Number of Road Bridges by Owner: 2010**

State	State			Local			Private		Total
	Federal	highway agency	State toll authority	Other state agency	highway agency	Local toll authority	Other local agency	(including railroad)	
Alabama	158	5,734	0	40	10,054	0	1	31	16,018
Alaska	177	788	0	21	142	0	2	4	1,134
Arizona	415	4,637	0	23	2,486	0	1	9	7,579
Arkansas	165	7,182	0	8	5,228	0	0	4	12,587
California	535	12,190	0	151	11,593	8	57	20	24,558
Colorado	246	3,444	0	2	4,696	8	1	109	8,506
Connecticut	7	2,794	0	13	1,239	0	0	4	4,191
Delaware	5	826	0	2	10	18	0	0	861
District of Columbia	35	206	0	1	2	0	0	0	244
Florida	134	5,423	1,154	155	4,939	6	87	14	11,912
Georgia	160	6,593	0	15	7,853	0	1	48	14,670
Hawaii	33	723	0	1	378	0	0	2	1,137
Idaho	476	1,295	0	13	1,694	0	653	1	4,132
Illinois	47	7,706	442	40	17,957	0	22	123	26,337
Indiana	63	5,201	329	60	12,867	1	11	16	18,548
Iowa	35	4,106	0	21	20,476	3	2	88	24,731
Kansas	113	4,913	365	78	19,858	0	0	2	25,329
Kentucky	100	8,929	0	7	4,780	0	2	31	13,849
Louisiana	266	7,906	0	31	5,112	5	34	6	13,361
Maine	17	1,964	163	9	213	0	2	25	2,393
Maryland	90	2,559	250	36	2,240	0	18	2	5,195
Massachusetts	20	3,447	0	87	1,557	1	1	0	5,113
Michigan	81	4,400	4	3	6,416	0	21	3	10,928
Minnesota	73	3,627	0	61	9,288	0	19	40	13,108
Mississippi	453	5,676	0	7	10,902	0	0	27	17,065
Missouri	60	10,302	0	14	13,826	1	21	21	24,245
Montana	691	2,497	0	0	1,931	0	0	0	5,119
Nebraska	25	3,496	0	34	11,677	0	100	44	15,376
Nevada	31	1,017	0	4	674	0	16	11	1,753
New Hampshire	54	1,290	159	5	896	1	0	4	2,409
New Jersey	30	2,381	1,132	218	2,587	33	3	19	6,520
New Mexico	205	2,968	0	2	724	0	1	3	3,903
New York	48	7,437	771	208	8,510	171	110	110	17,365
North Carolina	301	17,000	0	28	769	0	0	1	18,099
North Dakota	45	1,127	0	7	3,225	0	4	10	4,418
Ohio	10	10,386	458	41	17,069	0	2	67	28,033
Oklahoma	102	6,787	771	26	16,002	0	2	2	23,692
Oregon	448	2,692	0	55	4,009	2	40	9	7,255
Pennsylvania	63	14,960	749	248	6,014	44	5	268	22,362
Rhode Island	3	595	3	10	139	0	6	1	757
South Carolina	66	8,355	0	3	809	0	0	19	9,252
South Dakota	100	1,803	0	20	3,968	0	0	0	5,891
Tennessee	332	8,128	0	41	11,381	0	7	3	19,892
Texas	189	33,036	298	37	17,361	406	90	13	51,454
Utah	140	1,748	0	3	1,008	0	10	2	2,911
Vermont	18	1,078	0	0	1,610	0	0	6	2,712
Virginia	310	11,816	12	5	1,234	33	0	112	13,522
Washington	553	3,194	1	14	3,979	2	8	4	7,755
West Virginia	41	6,779	99	30	103	0	9	8	7,069
Wisconsin	111	5,096	0	0	8,755	0	0	18	13,982
Wyoming	262	1,944	0	6	847	0	0	1	3,060
United States, total	8,142	280,181	7,160	1,944	301,087	743	1,369	1,365	602,292
U.S. total (incl. Puerto Rico)	8,150	281,725	7,476	1,944	301,418	743	1,370	1,366	604,493

**NOTES:** Some discrepancies exist between the total number of bridges reported in tables 1-5, 1-6, and 1-7 because of bridges not identified in one or more of the categories and other anomalies. Other state agency includes state parks, forests, reservations, and other state agencies. Local highway agency includes county, town or township, and city or municipal highway agencies. Other local agency includes local parks, forests, reservations, and other local agencies. Private includes highway bridges owned by railroads and other private entities.

Details may not add to totals because totals include bridges for which ownership is unknown.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Highway Bridge by Owner*, available at <http://www.fhwa.dot.gov/bridge/owner.cfm> as of Jun. 9, 2011.

**Table 1-7: Road Bridge Condition: 2010**

State	All bridges	Structurally deficient	Functionally obsolete	Percent of State Bridges	
				Structurally deficient	Functionally obsolete
Alabama	16,018	1,592	2,084	9.9	13.0
Alaska	1,134	138	142	12.2	12.5
Arizona	7,579	230	673	3.0	8.9
Arkansas	12,587	930	1,884	7.4	15.0
California	24,558	3,135	3,956	12.8	16.1
Colorado	8,506	578	821	6.8	9.7
Connecticut	4,191	383	1,028	9.1	24.5
Delaware	861	50	111	5.8	12.9
District of Columbia	244	30	128	12.3	52.5
Florida	11,912	290	1,593	2.4	13.4
Georgia	14,670	941	1,788	6.4	12.2
Hawaii	1,137	141	366	12.4	32.2
Idaho	4,132	373	414	9.0	10.0
Illinois	26,337	2,239	1,763	8.5	6.7
Indiana	18,548	1,975	2,028	10.6	10.9
Iowa	24,731	5,372	1,227	21.7	5.0
Kansas	25,329	2,816	2,083	11.1	8.2
Kentucky	13,849	1,311	3,000	9.5	21.7
Louisiana	13,361	1,722	2,107	12.9	15.8
Maine	2,393	369	402	15.4	16.8
Maryland	5,195	364	958	7.0	18.4
Massachusetts	5,113	558	1,990	10.9	38.9
Michigan	10,928	1,437	1,289	13.1	11.8
Minnesota	13,108	1,149	388	8.8	3.0
Mississippi	17,065	2,650	1,369	15.5	8.0
Missouri	24,245	4,075	2,946	16.8	12.2
Montana	5,119	391	486	7.6	9.5
Nebraska	15,376	2,797	997	18.2	6.5
Nevada	1,753	39	169	2.2	9.6
New Hampshire	2,409	371	376	15.4	15.6
New Jersey	6,520	674	1,606	10.3	24.6
New Mexico	3,903	330	312	8.5	8.0
New York	17,365	2,088	4,379	12.0	25.2
North Carolina	18,099	2,353	2,623	13.0	14.5
North Dakota	4,418	710	233	16.1	5.3
Ohio	28,033	2,742	3,856	9.8	13.8
Oklahoma	23,692	5,212	1,599	22.0	6.7
Oregon	7,255	456	1,194	6.3	16.5
Pennsylvania	22,362	5,906	3,702	26.4	16.6
Rhode Island	757	163	233	21.5	30.8
South Carolina	9,252	1,210	785	13.1	8.5
South Dakota	5,891	1,193	232	20.3	3.9
Tennessee	19,892	1,225	2,631	6.2	13.2
Texas	51,454	1,618	7,518	3.1	14.6
Utah	2,911	130	290	4.5	10.0
Vermont	2,712	326	535	12.0	19.7
Virginia	13,522	1,267	2,162	9.4	16.0
Washington	7,755	394	1,577	5.1	20.3
West Virginia	7,069	1,018	1,525	14.4	21.6
Wisconsin	13,982	1,142	719	8.2	5.1
Wyoming	3,060	395	266	12.9	8.7
United States, total	602,292	68,998	76,543	11.5	12.7
U.S. total (incl. Puerto Rico)	604,493	69,223	77,413	11.5	12.8

**NOTES:** Some discrepancies exist between the total number of bridges reported in tables 1-5, 1-6, and 1-7 because of bridges not identified in one or more of the categories and other anomalies.

Explanations for the terms Structurally Deficient and Functionally Obsolete can be found in Chapter 3 of the Federal Highway Administration, *2008 Conditions and Performance Report*; the following is a link to Chapter 3 of the report: <http://www.fhwa.dot.gov/policy/2008cpr/es.htm#c3a>.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Deficient Bridges by State and Highway System*, available at <http://www.fhwa.dot.gov/bridge/owner.cfm> as of Jun. 9, 2011.

**Table 1-8: Motor Bus Transit Route Mileage: 2009**

State	Directional route-miles		
	Exclusive right-of-way	Controlled right-of-way	Mixed right-of-way
Alabama	0.0	0.0	1,563.6
Alaska	0.0	0.0	415.3
Arizona	0.0	226.0	5,281.3
Arkansas	0.0	0.0	569.0
California	334.6	635.5	39,059.3
Colorado	42.7	9.8	5,786.3
Connecticut	52.4	0.0	3,717.0
Delaware	0.0	0.0	1,444.9
District of Columbia	10.4	84.4	2,546.9
Florida	42.3	25.7	13,229.4
Georgia	146.8	0.0	4,087.5
Hawaii	1.2	34.7	906.8
Idaho	0.0	0.0	482.4
Illinois	3.7	0.0	8,144.6
Indiana	0.0	0.0	2,534.7
Iowa	0.0	0.0	1,773.7
Kansas	0.0	0.0	961.6
Kentucky	0.0	0.0	2,381.4
Louisiana	12.5	0.0	1,904.3
Maine	0.0	0.0	303.6
Maryland	14.8	16.2	5,556.7
Massachusetts	4.5	13.6	6,381.6
Michigan	0.0	0.0	9,228.5
Minnesota	356.0	59.2	4,865.9
Mississippi	0.0	0.0	464.9
Missouri	0.4	6.9	2,865.6
Montana	0.0	0.0	453.1
Nebraska	0.0	0.0	990.5
Nevada	10.0	0.0	1,697.9
New Hampshire	0.0	0.0	688.8
New Jersey	0.0	51.9	9,539.4
New Mexico	0.0	0.0	913.2
New York	1.3	134.6	16,556.2
North Carolina	22.0	0.0	4,963.1
North Dakota	0.0	0.0	275.7
Ohio	14.2	4.2	7,787.2
Oklahoma	0.0	0.0	2,113.3
Oregon	5.6	0.6	2,856.5
Pennsylvania	76.7	0.0	11,446.9
Rhode Island	1.6	10.8	1,385.2
South Carolina	0.0	0.0	2,928.0
South Dakota	0.0	0.0	243.4
Tennessee	0.0	0.0	4,233.5
Texas	343.0	132.9	13,619.5
Utah	46.0	0.0	2,292.3
Vermont	0.0	0.0	376.0
Virginia	0.0	336.4	8,216.4
Washington	557.6	340.1	7,487.0
West Virginia	0.0	0.0	1,617.0
Wisconsin	23.2	0.0	4,227.1
Wyoming	0.0	0.0	153.0
United States, total	2,123.6	2,123.3	233,517.0
U.S. total (incl. Puerto Rico)	2,151.9	2,123.3	234,085.3

**NOTES:** *Directional route-miles* is the mileage in each direction over which public transportation vehicles travel while in revenue service. *Directional route-miles* are a measure of the facility or roadway, not the service carried on the facility, such as the number of routes or vehicle-miles. *Directional route-miles* are computed with regard to direction of service, but without regard to the number of traffic lanes or rail tracks existing in the right-of-way. *Exclusive right-of-way* refers to lanes reserved at all times for transit use and other high occupancy vehicles (HOVs). *Controlled right-of-way* refers to lanes restricted for at least a portion of the day for use by transit vehicles and other HOVs. *Mixed right-of-way* refers to lanes used for general automobile traffic. Route-miles are assigned to the state of the transit agency's headquarters.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database*, table 24, available at <http://www.ntdprogram.gov/ntdprogram/data.htm> as of Jun. 9, 2011.

**Table 1-9: Characteristics of Rail Transit by Transit Authority: 2009**

Rail transit mode/transit agency	Primary city served	States served	Directional route-miles	Number of crossings	Number of stations <sup>1</sup>	Number of ADA accessible stations <sup>2</sup>
<b>Heavy rail, total</b>	<b>11</b>	<b>17</b>	<b>1,602.8</b>	<b>27</b>	<b>1,025</b>	<b>499</b>
Metropolitan Atlanta Rapid Transit Authority	Atlanta	GA	96.1	0	38	38
Maryland Transit Administration	Baltimore	MD	29.4	0	14	14
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	76.3	0	53	49
Chicago Transit Authority	Chicago	IL, IN	207.8	25	143	89
Greater Cleveland Regional Transit Authority	Cleveland	OH	38.1	0	18	13
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	31.9	0	16	16
Miami-Dade Transit Agency	Miami	FL	45.0	0	22	22
MTA New York City Transit	New York	NY, NJ, CT	493.8	0	468	83
Port Authority Trans-Hudson Corporation	New York	NY, NJ, CT	28.6	2	13	7
Staten Island Rapid Transit Operating Authority	New York	NY, NJ, CT	28.6	0	23	5
Port Authority Transit Corporation	Philadelphia	PA, NJ, DE, MD	31.5	0	13	5
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	74.9	0	75	29
San Francisco Bay Area Rapid Transit District	San Francisco	CA	209.0	0	43	43
Washington Metropolitan Area Transit Authority	Washington	DC, MD, VA	211.8	0	86	86
<b>Light rail, total</b>	<b>27</b>	<b>25</b>	<b>1,477.2</b>	<b>3,044</b>	<b>836</b>	<b>721</b>
Maryland Transit Administration	Baltimore	MD	57.6	52	33	33
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	51.0	65	74	35
Niagara Frontier Transportation Authority	Buffalo	NY	12.4	8	15	15
Charlotte Area Transit System	Charlotte	NC	19.0	21	19	19
Greater Cleveland Regional Transit Authority	Cleveland	OH	30.4	22	34	9
Dallas Area Rapid Transit	Dallas	TX	97.2	116	39	39
Denver Regional Transportation District	Denver	CO	70.0	39	36	36
Metro Transit Authority of Harris County	Houston	TX	14.8	68	16	16
Kenosha Transit	Kenosha	WI	1.9	19	2	1
Central Arkansas Transit Authority	Little Rock	AR	3.4	24	U	U
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	109.7	104	49	49
Memphis Area Transit Authority	Memphis	TN, MS, AR	10.0	62	7	7
Metro Transit	Minneapolis	MN	24.7	50	19	19
New Orleans Regional Transit Authority	New Orleans	LA	33.5	238	9	9
New Jersey Transit Corporation	Newark	NJ	114.3	120	60	54
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	82.4	691	45	2
Valley Metro Rail, Inc. (VMR)	Phoenix	AZ	39.2	140	33	33
Port Authority of Allegheny County	Pittsburgh	PA	47.4	44	23	23
Tri-County Metropolitan Transportation District	Portland	OR, WA	95.9	136	30	30
Sacramento Regional Transit District	Sacramento	CA	73.8	127	48	47
Utah Transit Authority	Salt Lake City	UT	39.4	76	28	28
North County Transit District	San Diego	CA	44.0	41	15	15
San Diego Metropolitan Transit System	San Diego	CA	108.4	96	53	53
San Francisco Municipal Railway	San Francisco	CA	83.1	417	9	9
Santa Clara Valley Transportation Authority	San Jose	CA	81.0	168	65	65
Central Puget Sound Regional Transportation Authority	Seattle	WA	34.4	51	19	19
King County Department of Transportation	Seattle	WA	2.7	3	11	11
Bi-State Development Agency	St. Louis	MO, IL	91.1	25	37	37
Hillsborough Area Regional Transit Authority	Tampa	FL	4.8	21	8	8
<b>Commuter rail, total<sup>3</sup></b>	<b>21</b>	<b>24</b>	<b>8,521.1</b>	<b>3,337</b>	<b>1,224</b>	<b>794</b>
Rio Metro Regional Transit District	Albuquerque	NM	193.1	86	10	10
Alaska Railroad Corporation	Anchorage	AK	959.9	133	10	10
Maryland Transit Administration	Baltimore	MD	400.4	40	42	24
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	737.5	257	133	95
N. New England Passenger Rail Authority	Boston	MA, ME, NH	230.4	65	10	10
NE Illinois Regional Commuter Rail Corporation	Chicago	IL, WI	980.4	578	240	168
Northern Indiana Commuter Transportation District	Chicago	IL, IN	179.8	117	20	13
Dallas Area Rapid Transit	Dallas	TX	29.0	24	5	5
Fort Worth Transportation Authority	Ft. Worth	TX	43.3	19	5	5
Connecticut Department of Transportation	Hartford	CT	101.2	3	9	8
Southern California Regional Rail Authority	Los Angeles	CA	777.8	436	55	55
South Florida Regional Transportation Authority	Miami	FL	142.2	73	18	18
Metro Transit	Minneapolis	MN	77.9	36	6	6
Regional Transportation Authority	Nashville	TN	62.8	35	6	6
MTA Metro-North Commuter Railroad Co.	New York	NY, NJ, CT	545.7	158	110	43
MTA Long Island Rail Road	New York	NY, NJ, CT	638.2	343	124	104
New Jersey Transit Corporation	New York	NY, NJ, CT	996.8	317	164	70
Pennsylvania Department of Transportation	Philadelphia	PA	144.4	7	12	4
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	446.9	283	154	55
Tri-County Metropolitan Transportation District of Oregon	Portland	OR	29.2	27	5	5
Utah Transit Authority	Salt Lake City	UT	87.7	29	8	8
North County Transit District	San Diego	CA	82.2	34	8	8
Peninsula Corridor Joint Powers Board	San Francisco	CA	153.7	46	32	26
Central Puget Sound Regional Transportation Authority	Seattle	WA	146.9	44	10	10
Altamont Commuter Express	San Jose	CA	172.0	127	10	10
Virginia Railway Express	Washington	DC, VA, MD	161.5	20	18	18
<b>United States, total</b>	<b>37</b>	<b>34</b>	<b>11,601.2</b>	<b>6,408</b>	<b>3,085</b>	<b>2,014</b>

<sup>1</sup> Many light rail lines have numerous stops in the street that do not meet the definition of a station.

<sup>2</sup> Additional stations may be wheelchair accessible but do not comply with other provisions of the Americans with Disabilities Act.

<sup>3</sup> Excludes commuter-type services operated independently by Amtrak or another intercity rail provider.

**KEY:** U = data are unavailable, ADA = Americans with Disabilities Act of 1990, MTA = Metropolitan Transportation Authority.

**NOTES:** Does not include other transit rail systems including aerial tramway, automated guideway, cable car, inclined plane, and monorail. For definition of *Directional route-miles* see table 1-8. *Heavy rail*, *Light rail*, and *Commuter rail* are defined in the glossary. For more information on individual transit agencies, see *Transit Profile: All Transit Agencies for the 2009 Report Year*, available at [http://www.ntdprogram.gov/ntdprogram/pubs/profiles/2009/Transit%20Profiles\\_All%20Transit%20Agencies\\_Complete%20Set.pdf](http://www.ntdprogram.gov/ntdprogram/pubs/profiles/2009/Transit%20Profiles_All%20Transit%20Agencies_Complete%20Set.pdf), as of Jun. 10, 2011. For more information on the footnotes, see the *National Transit Database Glossary* entries for Passenger Stations, ADA Accessible Stations, and Commuter Rail, available at <http://www.ntdprogram.gov/ntdprogram/Glossary.htm>, as of Jun. 10, 2011.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database*, tables 21 and 23, available at <http://www.ntdprogram.gov/ntdprogram/data.htm> as of Jun. 10, 2011.

**Table 1-10: Civil and Joint-Use Airports, Heliports, and Seaplane Bases: 2009**

State	Airports	Heliports	Seaplane bases	Total
Alabama	185	86	6	277
Alaska	548	43	139	730
Arizona	189	113	0	302
Arkansas	219	81	0	300
California	533	408	9	950
Colorado	265	179	0	444
Connecticut	53	82	4	139
Delaware	31	10	0	41
District of Columbia	2	18	0	20
Florida	508	288	40	836
Georgia	337	114	2	453
Hawaii	32	17	0	49
Idaho	223	47	5	275
Illinois	509	241	6	756
Indiana	425	124	20	569
Iowa	200	86	0	286
Kansas	345	35	0	380
Kentucky	155	62	0	217
Louisiana	225	224	12	461
Maine	113	17	43	173
Maryland	151	66	4	221
Massachusetts	78	143	18	239
Michigan	359	91	6	456
Minnesota	343	59	60	462
Mississippi	187	49	0	236
Missouri	378	131	4	513
Montana	218	34	2	254
Nebraska	207	35	1	243
Nevada	97	25	0	122
New Hampshire	52	79	8	139
New Jersey	101	199	7	307
New Mexico	142	29	1	172
New York	392	179	16	587
North Carolina	330	92	0	422
North Dakota	263	15	0	278
Ohio	501	215	2	718
Oklahoma	299	83	1	383
Oregon	321	89	2	412
Pennsylvania	431	348	8	787
Rhode Island	9	14	1	24
South Carolina	156	31	2	189
South Dakota	144	33	0	177
Tennessee	203	101	1	305
Texas	1,441	538	0	1,979
Utah	88	49	0	137
Vermont	61	14	6	81
Virginia	287	132	3	422
Washington	366	160	17	543
West Virginia	74	35	10	119
Wisconsin	436	95	17	548
Wyoming	93	26	0	119
United States, total	13,305	5,464	483	19,252
U.S. total (including Puerto Rico)	13,322	5,494	485	19,301

**NOTES:** This table consists of all U.S. public use and private use airports, heliports, and seaplane bases. The United States Fast Facts on page v reports the number of public use facilities only. Public use facilities are open to the public with no prior authorization or permission required. Private use facilities are not open to the general public and include medical, law enforcement, corporate, and other such facilities.

In past years, STOLports were included in this table. STOLports were removed from the airport facility database in 2010.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Airport Facilities Data available at [http://www.faa.gov/airports/airport\\_safety/airportdata\\_5010/](http://www.faa.gov/airports/airport_safety/airportdata_5010/) as of Jul. 13, 2011.

**Table 1-11: Top 50 Commercial Service Airport Enplanements by Air Carrier Category: 2009**  
**(For airports with scheduled service and 2,500 or more passengers enplaned)**

Airport	Rank	Commuter and small			Total enplanements
		Large certificated air carriers	certificated air carriers	Foreign air carriers	
Atlanta, GA (Hartsfield-Jackson Atlanta International)	1	41,661,138	84,952	409,114	42,155,204
Chicago, IL (Chicago O'Hare International)	2	28,485,610	507,914	2,130,627	31,124,151
Los Angeles, CA (Los Angeles International)	3	21,667,895	0	5,828,955	27,496,850
Dallas/Ft.Worth, TX (Dallas/Fort Worth International)	4	26,209,802	52,943	343,666	26,606,411
Denver, CO (Denver International)	5	23,415,806	258,606	292,957	23,967,369
New York, NY (John F. Kennedy International)	6	16,087,704	233,650	6,414,002	22,740,141
Houston, TX (George Bush Intercontinental)	7	18,194,267	411,790	679,873	19,285,930
Las Vegas, NV (McCarran International)	8	18,307,905	29	970,995	19,278,929
Phoenix, AZ (Phoenix Sky Harbor International)	9	18,314,114	8,369	235,398	18,557,881
San Francisco, CA (San Francisco International)	10	15,994,848	28	2,455,558	18,450,434
Charlotte, NC (Charlotte Douglas International)	11	16,397,990	675,890	86,812	17,160,692
Newark, NJ (Newark Liberty International)	12	14,885,104	323,796	1,492,844	16,704,842
Orlando, FL (Orlando International)	13	15,061,531	23,663	1,245,584	16,330,778
Miami, FL (Miami International)	14	13,351,808	43,140	2,856,992	16,251,940
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	15	15,405,781	81,928	48,080	15,535,789
Seattle, WA (Seattle-Tacoma International)	16	14,696,625	9	555,541	15,252,175
Detroit, MI (Detroit Metropolitan Wayne County)	17	14,985,791	55,912	154,766	15,196,469
Philadelphia, PA (Philadelphia International)	18	13,803,062	910,817	288,152	15,002,031
Boston, MA (General Edward Lawrence Logan International)	19	11,198,445	177,819	1,179,361	12,555,625
Washington, DC (Dulles International)	20	8,710,902	1,002,916	1,408,620	11,122,438
New York, NY (La Guardia)	21	10,051,906	685,648	346,507	11,084,061
Baltimore, MD (Baltimore/Washington International Thurgood Marshall)	22	10,025,435	156,605	109,918	10,291,958
Fort Lauderdale, FL (Fort Lauderdale-Hollywood International)	23	9,483,028	96,006	655,553	10,234,587
Salt Lake City, UT (Salt Lake City International)	24	9,900,880	2	565	9,901,447
Honolulu, HI (Honolulu International)	25	7,387,159	177,290	1,168,013	8,732,462
Washington, DC (Ronald Reagan Washington National)	26	8,280,480	119,494	89,957	8,489,931
San Diego, CA (San Diego International)	27	8,375,539	21	73,474	8,449,034
Tampa, FL (Tampa International)	28	8,021,904	58,898	181,687	8,262,489
Chicago, IL (Chicago Midway)	29	8,223,108	24	29,215	8,252,347
Portland, OR (Portland International)	30	6,333,876	15,042	78,236	6,427,154
St. Louis, MO (Lambert-St Louis International)	31	5,304,039	763,368	15,535	6,082,942
Cincinnati, OH (Cincinnati/Northern Kentucky International)	32	3,865,014	1,327,033	1,690	5,193,737
Memphis, TN (Memphis International)	33	5,013,128	34,117	117	5,047,362
Kansas City, MO (Kansas City International)	34	4,818,250	65,691	7,763	4,891,704
Cleveland, OH (Cleveland-Hopkins International)	35	3,898,340	795,038	10,511	4,703,889
Oakland, CA (Oakland International)	36	4,568,307	0	75,569	4,643,876
Sacramento, CA (Sacramento International)	37	4,406,350	0	54,173	4,460,523
Raleigh/Durham, NC (Raleigh-Durham International)	38	4,253,406	154,175	27,526	4,435,107
Nashville, TN (Nashville International)	39	4,265,839	102,668	15,643	4,384,150
Santa Ana, CA (John Wayne-Orange County)	40	4,310,909	0	0	4,310,909
San Jose, CA (Norman Y. Mineta San Jose International)	41	4,039,619	0	58,157	4,097,776
San Juan, PR (Luis Munoz Marin International)	42	3,914,233	75,080	102,585	4,091,898
Houston, TX (William P. Hobby)	43	4,083,341	839	2,105	4,086,285
Austin, TX (Austin-Bergstrom International)	44	3,998,665	13,363	13,739	4,025,767
Pittsburgh, PA (Pittsburgh International)	45	3,749,363	191,870	15,141	3,956,374
New Orleans, LA (Louis Armstrong International)	46	3,837,233	74,401	4,746	3,916,380
Milwaukee, WI (General Mitchell Field)	47	3,661,991	145,837	6,225	3,814,053
San Antonio, TX (San Antonio International)	48	3,713,880	14,206	60,653	3,788,739
Indianapolis, IN (Indianapolis International)	49	3,520,052	190,646	10,264	3,720,962
Dallas, TX (Love Field)	50	3,672,817	0	660	3,673,477
<b>Top 50 Airports, total</b>		<b>535,814,219</b>	<b>10,111,533</b>	<b>32,293,824</b>	<b>578,227,459</b>
<b>United States, total (including U.S. territories)</b>		<b>644,417,512</b>	<b>17,738,174</b>	<b>33,630,568</b>	<b>695,794,137</b>

**NOTES:** Rank order by total enplaned passengers on air carriers of all types, including foreign air carriers. Data differ from those in table 4-6, which include only enplanements on large certificated U.S. air carriers. In previous years, the source of the data for this table was the FAA which includes information on Air Taxi operators. The current table uses data from the Office of Airline Information, which does not collect data on Air Taxi operators. Air carrier enplanements may not add to total enplanements because totals include enplanements for which carrier type is unknown.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TranStats Database, T-100 Market (All Carriers)*, special tabulation, Jun. 10, 2011.

**Table 1-12: Airport Enplanements by State and Air Carrier Category: 2009**

State	Commuter and			Total enplanements
	Large certificated air carriers	small certificated air carriers	Foreign air carriers	
Alabama	2,481,633	27,221	4	2,508,858
Alaska	2,755,474	1,298,002	64,355	4,117,831
Arizona	20,673,707	159,712	235,618	21,069,037
Arkansas	1,661,330	80,846	3	1,742,179
California	71,876,397	11,114	8,690,910	80,578,421
Colorado	25,403,225	279,631	293,304	25,976,160
Connecticut	2,488,221	150,817	19,767	2,658,805
Delaware	1,494	4	0	1,498
District of Columbia <sup>1</sup>	0	0	0	0
Florida	59,033,250	398,838	5,282,719	64,714,807
Georgia	42,736,721	165,367	409,409	43,311,497
Hawaii	12,758,825	530,404	1,314,991	14,604,220
Idaho	1,695,528	3	0	1,695,531
Illinois	37,860,215	549,499	2,162,753	40,572,467
Indiana	4,120,927	325,937	10,264	4,457,128
Iowa	1,367,009	73,190	0	1,440,199
Kansas	731,710	52,946	0	784,656
Kentucky	1,860,358	231,325	18	2,091,701
Louisiana	4,871,178	106,080	4,746	4,982,004
Maine	1,051,740	42,460	305	1,094,505
Maryland	10,038,838	218,825	110,070	10,367,733
Massachusetts	11,254,916	369,494	1,180,020	12,804,430
Michigan	17,031,844	127,446	173,236	17,332,526
Minnesota	15,738,304	81,932	48,109	15,868,345
Mississippi	1,165,389	19,124	0	1,184,513
Missouri	10,558,404	874,748	23,301	11,456,453
Montana	1,441,559	10,648	0	1,452,207
Nebraska	2,218,396	52,632	122	2,271,150
Nevada	20,174,153	99,791	971,137	21,245,081
New Hampshire	1,554,824	32,523	4,402	1,591,749
New Jersey	15,410,613	325,784	1,496,126	17,235,621
New Mexico	2,920,249	26,583	1,069	2,947,901
New York	34,145,030	1,675,019	6,772,653	42,597,487
North Carolina	22,509,104	1,076,495	114,348	23,699,947
North Dakota	706,399	20,150	0	726,549
Ohio	12,511,825	2,520,697	27,976	15,060,498
Oklahoma	3,018,479	128,110	166	3,146,755
Oregon	7,224,272	22,404	78,236	7,324,912
Pennsylvania	18,685,096	1,467,389	310,563	20,463,048
Rhode Island	2,048,263	117,270	4,552	2,170,085
South Carolina	2,758,776	323,396	210	3,082,382
South Dakota	633,951	6,950	34	640,935
Tennessee	10,482,031	275,114	15,766	10,772,911
Texas	64,534,524	616,450	1,100,733	66,251,707
Utah	9,997,995	12,629	762	10,011,386
Vermont	611,845	90,442	27	702,314
Virginia	20,830,958	1,700,787	1,503,941	24,035,686
Washington	16,955,473	102,463	555,550	17,613,486
West Virginia	322,496	52,387	0	374,883
Wisconsin	5,241,105	225,970	6,228	5,473,303
Wyoming	421,431	60,596	3	482,030
United States, total (excl. U.S. territories)	638,575,484	17,217,644	32,988,506	688,789,517
United States, total (incl. U.S. territories)	644,417,512	17,738,174	33,630,568	695,794,137

<sup>1</sup> Reagan National is both legally and geographically a part of Virginia.

**NOTE:** Enplanements consist of all persons boarding a flight other than crew and passengers who boarded at an earlier stop. In previous years the source of the data for this table was the FAA, which provides information on Air Taxi operators. The current table uses data from the Office of Airline Information, which does not collect data on Air Taxi operators. General aviation passengers are also excluded from the data. Air carrier enplanements may not add to total enplanements because totals include enplanements for which carrier type is unknown.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TranStats Database, T-100 Market (All Carriers)*, special tabulation, Jun. 13, 2011.



**Table 1-13: Number of Freight Railroads by Class: 2009**

State	Local					Total
	Class I	Regional	Linehaul	Switching and terminal	Canadian <sup>1</sup>	
Alabama	4	1	15	4	0	24
Alaska	0	1	0	0	0	1
Arizona	2	0	5	2	0	9
Arkansas	3	0	17	5	0	25
California	2	0	15	8	0	25
Colorado	2	3	6	3	0	14
Connecticut	1	3	4	0	0	8
Delaware	2	0	1	3	0	6
District of Columbia	2	0	0	1	0	3
Florida	2	2	9	1	0	14
Georgia	2	0	19	1	0	22
Hawaii	0	0	0	0	0	0
Idaho	2	1	7	2	0	12
Illinois	7	4	12	19	0	42
Indiana	5	1	22	14	0	42
Iowa	4	3	6	3	0	16
Kansas	4	3	5	2	0	14
Kentucky	5	1	7	0	0	13
Louisiana	6	0	8	3	0	17
Maine	0	2	4	1	0	7
Maryland	2	1	4	2	0	9
Massachusetts	1	3	4	3	0	11
Michigan	4	0	13	7	1	25
Minnesota	4	3	9	3	1	20
Mississippi	5	1	16	4	0	26
Missouri	5	1	4	7	0	17
Montana	2	2	4	0	0	8
Nebraska	2	2	3	3	0	10
Nevada	2	0	0	0	0	2
New Hampshire	0	2	7	0	0	9
New Jersey	2	1	7	7	1	18
New Mexico	2	0	2	1	0	5
New York	2	4	22	7	2	37
North Carolina	2	0	13	7	0	22
North Dakota	2	2	4	0	0	8
Ohio	4	1	15	16	0	36
Oklahoma	3	0	12	4	0	19
Oregon	2	1	10	4	0	17
Pennsylvania	3	3	27	21	1	55
Rhode Island	0	1	0	0	0	1
South Carolina	2	0	8	4	0	14
South Dakota	2	2	4	2	0	10
Tennessee	6	0	14	5	0	25
Texas	3	0	21	21	0	45
Utah	2	0	3	3	0	8
Vermont	0	3	5	0	0	8
Virginia	2	0	6	1	0	9
Washington	2	1	13	6	0	22
West Virginia	2	1	5	1	0	9
Wisconsin	4	2	3	1	0	10
Wyoming	2	1	0	1	0	4
United States, total	7	23	339	194	2	565

<sup>1</sup> Refers to non-Class I, Canadian-owned lines.

**NOTES:** According to the Association of American Railroads, a *Class I* railroad in 2009 is a railroad with operating revenues of at least \$378.8 million. A *Regional* railroad is a non-Class I, line-haul, freight railroad operating 350 or more miles of road or with revenues of at least \$40 million or both. A *Local* railroad is a railroad which is neither a *Class I* nor a *Regional* railroad, and is engaged primarily in line-haul service. A *Switching and terminal* railroad is a non-Class I railroad engaged primarily in switching and/or terminal services for other railroads.

Totals count railroads that operate in multiple states only once.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends* (Washington, DC: Annual Issues).

**Table 1-14: Miles of Freight Railroad Operated by Class of Railroad: 2009<sup>1</sup>**

State	Class I	Regional	Local			Canadian <sup>2</sup>	Total <sup>3</sup>
			Linehaul	Switching and terminal			
Alabama	2,683	344	571	126	0	3,724	
Alaska	0	506	0	0	0	506	
Arizona	1,237	0	354	145	0	1,736	
Arkansas	2,540	0	993	114	0	3,647	
California	5,509	0	978	355	0	6,842	
Colorado	2,933	198	433	98	0	3,662	
Connecticut	68	466	166	0	0	700	
Delaware	247	0	24	20	0	291	
District of Columbia	33	0	0	5	0	38	
Florida	1,801	431	749	2	0	2,983	
Georgia	3,393	0	1,387	18	0	4,798	
Hawaii	0	0	0	0	0	0	
Idaho	972	81	504	147	0	1,704	
Illinois	8,009	728	811	434	0	9,982	
Indiana	3,551	386	1,231	232	0	5,400	
Iowa	2,757	1,102	365	46	0	4,270	
Kansas	3,933	1,543	372	243	0	6,091	
Kentucky	2,294	290	220	0	0	2,804	
Louisiana	2,610	0	767	62	0	3,439	
Maine	0	876	283	2	0	1,161	
Maryland	829	125	177	18	0	1,149	
Massachusetts	430	558	143	10	0	1,141	
Michigan	2,460	0	1,841	236	1	4,538	
Minnesota	4,020	596	884	164	44	5,708	
Mississippi	1,941	46	893	142	0	3,022	
Missouri	4,082	210	450	146	0	4,888	
Montana	2,052	865	288	0	0	3,205	
Nebraska	2,597	368	450	15	0	3,430	
Nevada	1,997	0	0	0	0	1,997	
New Hampshire	0	198	264	0	0	462	
New Jersey	1,580	91	186	530	68	2,455	
New Mexico	1,975	0	94	310	0	2,379	
New York	2,082	449	1,173	129	803	4,636	
North Carolina	2,424	0	689	214	0	3,327	
North Dakota	2,214	945	454	0	0	3,613	
Ohio	4,148	558	1,426	403	0	6,535	
Oklahoma	2,736	0	1,049	309	0	4,094	
Oregon	1,458	358	882	134	0	2,832	
Pennsylvania	3,499	778	1,463	578	452	6,770	
Rhode Island	0	85	0	0	0	85	
South Carolina	2,068	0	250	97	0	2,415	
South Dakota	931	790	272	90	0	2,083	
Tennessee	2,162	0	751	63	0	2,976	
Texas	12,106	0	1,232	1,023	0	14,361	
Utah	1,687	0	317	46	0	2,050	
Vermont	0	273	366	0	0	639	
Virginia	3,133	0	440	4	0	3,577	
Washington	2,169	15	1,258	210	0	3,652	
West Virginia	2,128	10	341	6	0	2,485	
Wisconsin	3,322	772	181	7	0	4,282	
Wyoming	1,849	7	0	30	0	1,886	
<b>United States, total</b>	<b>118,649</b>	<b>15,048</b>	<b>28,422</b>	<b>6,963</b>	<b>1,368</b>	<b>170,450</b>	

<sup>1</sup> Miles of railroad operated is synonymous with route-miles (so that a mile of single track is counted the same as a mile of double track). Sidings, turnouts, yard switching mileage, and mileage not operated are excluded. Miles operated under trackage rights provided by another (owning) railroad are included. Year-to-year changes in miles operated are due to both changes in track mileage and changes in the number of railroads with rights for the same track.

<sup>2</sup> Refers to non-Class I, Canadian-owned lines.

<sup>3</sup> Excludes miles owned by Amtrak.

**NOTES:** According to the Association of American Railroads, a *Class I* railroad in 2009 is a railroad with operating revenues of at least \$378.8 million. A *Regional* railroad is a non-Class I, line-haul, freight railroad operating 350 or more miles of road or with revenues of at least \$40 million or both. A *Local* railroad is a railroad which is neither a *Class I* nor a *Regional* railroad, and is engaged primarily in line-haul service. A *Switching and terminal* railroad is a non-Class I railroad engaged primarily in switching and/or terminal services for other railroads.

Data in this table include trackage rights.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends* (Washington, DC: Annual Issues).

# Section B

\* \* \*

# Safety

**Table 2-1: Highway Traffic Fatalities and Fatality Rates: 2009**

State	Traffic fatalities	Licensed drivers (thousands)	Registered vehicles <sup>1</sup> (thousands)	Vehicle-miles traveled (millions)	Population (thousands)	Fatality rate per 100,000 Population
Alabama <sup>5</sup>	848	3,782	4,611	56,061	4,709	18
Alaska	64	508	695	4,933	698	9
Arizona <sup>6</sup>	807	4,403	4,358	61,628	6,596	12
Arkansas	585	2,065	2,037	33,219	2,889	20
California	3,081	23,681	34,433	324,486	36,962	8
Colorado <sup>3</sup>	465	3,705	1,429	46,276	5,025	9
Connecticut	223	2,916	3,072	31,420	3,518	6
Delaware	116	700	843	9,080	885	13
District of Columbia	29	376	218	3,608	600	5
Florida	2,558	14,005	15,315	194,659	18,538	14
Georgia	1,284	6,315	8,507	109,258	9,829	13
Hawaii	109	890	895	9,973	1,295	8
Idaho	226	1,055	1,375	15,531	1,546	15
Illinois	911	8,301	9,891	105,846	12,910	7
Indiana <sup>2,4,7</sup>	693	5,550	5,848	76,628	6,423	11
Iowa	372	2,145	3,363	31,065	3,008	12
Kansas	386	2,045	2,425	29,499	2,819	14
Kentucky	791	2,939	3,585	47,355	4,314	18
Louisiana	821	3,086	4,033	44,863	4,492	18
Maine	159	1,014	1,056	14,491	1,318	12
Maryland	547	3,905	4,484	55,293	5,699	10
Massachusetts	334	4,630	5,262	54,812	6,594	5
Michigan	871	7,083	7,913	96,769	9,970	9
Minnesota <sup>6</sup>	421	3,245	4,796	56,872	5,266	8
Mississippi	700	1,931	2,026	40,427	2,952	24
Missouri	878	4,218	4,904	69,003	5,988	15
Montana	221	738	925	11,011	975	23
Nebraska	223	1,349	1,793	19,359	1,797	12
Nevada	243	1,690	1,397	20,454	2,643	9
New Hampshire	110	1,034	1,212	12,975	1,325	8
New Jersey	583	5,924	6,114	73,029	8,708	7
New Mexico	361	1,378	1,621	26,013	2,010	18
New York	1,156	11,329	11,245	133,491	19,541	6
North Carolina <sup>8</sup>	1,314	6,504	6,047	104,260	9,381	14
North Dakota	140	477	722	8,154	647	22
Ohio	1,021	7,937	11,022	110,642	11,543	9
Oklahoma	738	2,321	3,396	46,997	3,687	20
Oregon	377	2,842	3,046	33,972	3,826	10
Pennsylvania <sup>9</sup>	1,256	8,687	9,857	103,880	12,605	10
Rhode Island	83	746	789	8,250	1,053	8
South Carolina	894	3,268	3,614	49,130	4,561	20
South Dakota	131	602	926	9,607	812	16
Tennessee	989	4,477	5,140	70,226	6,296	16
Texas <sup>2,4</sup>	3,071	15,374	18,208	230,411	24,782	12
Utah	244	1,720	2,454	26,264	2,785	9
Vermont	74	507	557	7,646	622	12
Virginia	757	5,348	6,302	80,927	7,883	10
Washington	492	5,027	5,581	56,417	6,664	7
West Virginia	356	1,329	1,412	19,606	1,820	20
Wisconsin	561	4,105	4,874	58,157	5,655	10
Wyoming	134	411	652	9,568	544	25
United States, total	33,808	209,618	246,283	2,953,501	307,007	11

<sup>1</sup> Does not include motorcycle registrations.

<sup>2</sup> State did not provide current data on licensed drivers. Table displays 2008 data.

<sup>3</sup> State data on motor-vehicle registration is incomplete.

<sup>4</sup> State did not provide current data on motor-vehicle registration. Table displays 2008 private and commercial and state, county and municipal vehicle

<sup>5</sup> 2008 VMT data used for the rural minor collector, and rural and urban local functional systems.

<sup>6</sup> 2008 VMT data.

<sup>7</sup> VMT excludes 823 miles of Federal agency owned roads plus 71 miles of other non-Federal agency owned roads.

<sup>8</sup> State changed travel estimation process in 2009.

<sup>9</sup> 2008 VMT data used for the rural minor collector, and rural and urban local functional systems. Includes 40 miles of Interstate designated in 2010.

**SOURCES: All, except Traffic fatalities:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2011 tables DL-1C, MV-1, and VM-2, available at <http://www.fhwa.dot.gov/policyinformation/statistics/2009/> as of Jun 13, 2011.

**Traffic fatalities:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Fatality Analysis Reporting System Encyclopedia*, 2009 Traffic Fatalities by STATE and Percent Change from 2008 - State : USA, available at <http://www-fars.nhtsa.dot.gov/States/StatesCrashesAndAllVictims.aspx> as of Jun 13, 2011.

**Table 2-2: Passenger Car and Light Truck Occupants Killed and Restraint Use: 2009**

State	Restraint used		No restraint used		Restraint use unknown		Total occupants killed
	Fatalities	Percent	Fatalities	Percent	Fatalities	Percent	
Alabama	263	39.8	378	57.2	20	3.0	661
Alaska	19	47.5	12	30.0	9	22.5	40
Arizona	160	34.8	240	52.2	60	13.0	460
Arkansas	157	35.1	247	55.3	43	9.6	447
California	1,149	59.9	639	33.3	129	6.7	1,917
Colorado	125	41.1	168	55.3	11	3.6	304
Connecticut	58	38.9	69	46.3	22	14.8	149
Delaware	35	43.2	40	49.4	6	7.4	81
District of Columbia	2	20.0	4	40.0	4	40.0	10
Florida	625	41.3	846	55.8	44	2.9	1,515
Georgia	354	38.5	454	49.4	111	12.1	919
Hawaii	16	30.8	27	51.9	9	17.3	52
Idaho	67	41.1	89	54.6	7	4.3	163
Illinois	299	47.6	264	42.0	65	10.4	628
Indiana	239	47.8	206	41.2	55	11.0	500
Iowa	125	45.8	124	45.4	24	8.8	273
Kansas	109	36.6	169	56.7	20	6.7	298
Kentucky	265	42.8	352	56.9	2	0.3	619
Louisiana	193	33.3	351	60.6	35	6.0	579
Maine	50	42.7	50	42.7	17	14.5	117
Maryland	192	55.5	129	37.3	25	7.2	346
Massachusetts	60	27.9	112	52.1	43	20.0	215
Michigan	303	51.4	199	33.8	87	14.8	589
Minnesota	128	43.5	117	39.8	49	16.7	294
Mississippi	180	32.1	380	67.7	1	0.2	561
Missouri	220	32.1	417	60.9	48	7.0	685
Montana	57	35.0	101	62.0	5	3.1	163
Nebraska	59	31.6	108	57.8	20	10.7	187
Nevada	68	45.3	74	49.3	8	5.3	150
New Hampshire	30	38.0	49	62.0	0	0.0	79
New Jersey	182	54.0	144	42.7	11	3.3	337
New Mexico	137	52.5	124	47.5	0	0.0	261
New York	343	53.7	208	32.6	88	13.8	639
North Carolina	494	51.4	417	43.3	51	5.3	962
North Dakota	39	32.8	74	62.2	6	5.0	119
Ohio	267	37.3	399	55.7	50	7.0	716
Oklahoma	211	38.2	306	55.4	35	6.3	552
Oregon	151	56.3	96	35.8	21	7.8	268
Pennsylvania	310	36.1	446	52.0	102	11.9	858
Rhode Island	9	20.0	30	66.7	6	13.3	45
South Carolina	249	37.0	381	56.6	43	6.4	673
South Dakota	28	25.9	76	70.4	4	3.7	108
Tennessee	286	38.2	424	56.6	39	5.2	749
Texas	1,043	48.4	947	43.9	165	7.7	2,155
Utah	81	45.5	85	47.8	12	6.7	178
Vermont	22	40.7	28	51.9	4	7.4	54
Virginia	233	41.0	322	56.7	13	2.3	568
Washington	175	51.9	129	38.3	33	9.8	337
West Virginia	93	32.7	152	53.5	39	13.7	284
Wisconsin	149	36.5	231	56.6	28	6.9	408
Wyoming	31	28.2	78	70.9	1	0.9	110
United States, total	10,140	43.4	11,512	49.2	1,730	7.4	23,382

**NOTES:** *Fatalities* in this table include passenger car and light truck occupants only. Occupants of other vehicle types - heavy trucks, motorcycles, and buses - are excluded, as are other types of highway-related fatalities such as pedestrian fatalities. Hence, the fatalities represented here are lower than those in table 2-1.

Percentages may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Fatality Analysis Reporting System Encyclopedia, Passenger Vehicle Occupants Killed, by STATE and Restraint Use - State : USA, Year : 2009, available at <http://www-fars.nhtsa.dot.gov/States/StatesOccupants.aspx> as of Jun 13, 2011.*

**Table 2-3: Large Truck Involvement in Fatal Crashes: 2009**

State	Total occupant fatalities in all motor vehicle crashes	Total vehicles involved in all fatal motor vehicle crashes	Large trucks			
			Occupant fatalities		Involved in fatal crashes	
			Number	Percent of state total	Number	Percent of state total
Alabama	776	1,142	16	2.1	82	7.2
Alaska	52	88	0	0.0	3	3.4
Arizona	657	1,008	9	1.4	69	6.8
Arkansas	541	773	13	2.4	80	10.3
California	2,379	4,205	36	1.5	268	6.4
Colorado	404	655	10	2.5	40	6.1
Connecticut	196	300	2	1.0	15	5.0
Delaware	95	154	0	0.0	7	4.5
District of Columbia	14	37	0	0.0	1	2.7
Florida	1,968	3,497	22	1.1	184	5.3
Georgia	1,108	1,750	29	2.6	135	7.7
Hawaii	90	139	2	2.2	4	2.9
Idaho	209	288	2	1.0	20	6.9
Illinois	779	1,301	4	0.5	92	7.1
Indiana	633	993	17	2.7	110	11.1
Iowa	349	506	12	3.4	64	12.6
Kansas	359	500	5	1.4	52	10.4
Kentucky	745	1,116	20	2.7	109	9.8
Louisiana	699	1,034	8	1.1	74	7.2
Maine	148	236	1	0.7	21	8.9
Maryland	421	776	4	1.0	51	6.6
Massachusetts	280	441	3	1.1	21	4.8
Michigan	727	1,240	2	0.3	67	5.4
Minnesota	368	554	7	1.9	50	9.0
Mississippi	632	857	9	1.4	55	6.4
Missouri	806	1,148	11	1.4	84	7.3
Montana	205	272	7	3.4	21	7.7
Nebraska	211	327	4	1.9	42	12.8
Nevada	201	336	5	2.5	21	6.3
New Hampshire	101	145	0	0.0	7	4.8
New Jersey	411	828	4	1.0	65	7.9
New Mexico	317	455	9	2.8	34	7.5
New York	819	1,517	11	1.3	103	6.8
North Carolina	1,150	1,778	16	1.4	117	6.6
North Dakota	135	169	6	4.4	28	16.6
Ohio	908	1,426	10	1.1	108	7.6
Oklahoma	694	943	26	3.7	83	8.8
Oregon	332	489	5	1.5	30	6.1
Pennsylvania	1,099	1,735	15	1.4	134	7.7
Rhode Island	67	100	1	1.5	5	5.0
South Carolina	793	1,156	10	1.3	79	6.8
South Dakota	127	147	3	2.4	12	8.2
Tennessee	907	1,307	21	2.3	88	6.7
Texas	2,670	4,187	58	2.2	297	7.1
Utah	219	346	8	3.7	26	7.5
Vermont	68	97	3	4.4	6	6.2
Virginia	671	974	16	2.4	76	7.8
Washington	420	635	9	2.1	31	4.9
West Virginia	334	450	7	2.1	29	6.4
Wisconsin	513	730	2	0.4	50	6.8
Wyoming	129	148	3	2.3	13	8.8
United States, total	28,936	45,435	503	1.7	3,263	7.2

**SOURCES:** Total vehicles involved in all fatal motor vehicle crashes and Large trucks involved in fatal crashes: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, *special tabulation*, available at <http://www-fars.nhtsa.dot.gov/QueryTool/QuerySection/SelectYear.aspx> as of Jun 15, 2011; Total occupant fatalities in all motor vehicle crashes and Large truck occupant fatalities: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, Occupants Killed, by STATE and Vehicle Type - State : USA, Year : 2009, available at <http://www-fars.nhtsa.dot.gov/States/StatesOccupants.aspx> as of Jun 15, 2011.

**Table 2-4: Key Provisions of Safety Belt Use Laws: 2009**

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine	Seat belt required		Vehicles exempted <sup>3</sup>
				Seats <sup>5</sup>	Ages <sup>4</sup>	
Alabama	7/18/1991	Primary	\$25	Front	15 years and older	Designed for >10 passengers, model year <1965, rural mail carriers/ newspaper delivery vehicles, vehicles operating in reverse.
Alaska	9/12/1990	Primary	\$15	All	16 years and older	School buses, emergency vehicles, mail or newspaper delivery vehicles, non-highway vehicles (generally, off-road or snowmobiles).
Arizona	1/1/1991	Secondary	\$10	All	5-15 years	Designed for >10 passengers, model year <1972, rural mail carriers.
Arkansas	7/15/1991	Primary	\$25	Front	5 years and older 15 years and older	Not required when an emergency exists that threatens the life of a child or person operating a motor vehicle. Any child who is physically unable because of a medical condition (as certified by a physician) is exempted.
California	1/1/1986	Primary	\$20 <sup>6</sup>	All	16 years and older	Emergency vehicles, rural postal service vehicles, newspaper delivery vehicles, recycling vehicles, taxis.
Colorado	7/1/1987	Secondary <sup>7</sup>	\$18	All	Under 16	Passenger buses, school buses, ambulances, postal service vehicles, delivery and pickup service vehicles.
Connecticut	1/1/1986	Primary	\$15 <sup>8</sup>	Front	16 years and older 7 years and older	Truck or bus >15,000 lb, public vehicles, emergency vehicles, delivery vehicles, postal service vehicles, newspaper delivery vehicles.
Delaware	1/1/1992	Primary	\$25	All	16 years and older	Postal service vehicles, tractors, off-highway vehicles, electric personal assistive mobility devices.
District of Columbia	12/12/1985	Primary	\$50 <sup>9</sup>	All	16 years and older	Seating for >8 people, taxis (6pm-6am), vehicles with 3 or fewer wheels, farm vehicles.
Florida	7/1/1986	Primary	\$30	All	6-17 years	Newspaper delivery vehicles; solid waste/ recyclable collection service vehicles working designated routes; persons traveling in the living quarters of a recreational vehicle or a space within a truck body primarily intended for merchandise or property; school buses; buses that transport for compensation; farm tractors or implements of husbandry; trucks >26,000 lb.
Georgia	9/1/1988	Primary	\$15 <sup>10</sup>	All	6-17 years	Pickups, vehicles designed for >10 passengers, off-road vehicles, vehicles used for frequent stops (all seats), rural postal vehicles, newspaper delivery vehicles, emergency vehicles, driver in reverse, taxis, public transit vehicles.
Hawaii	12/16/1985	Primary	\$45 <sup>11</sup>	All	8-17 years	Bus or school bus >10,000 lb, emergency vehicles, taxicabs. DOT may establish additional exemptions.
Idaho	7/1/1986	Secondary	\$10	All	7 years and older	Vehicles >8,000 lb, mail carriers, implements of husbandry, motorcycles.
Illinois	1/1/1988	Primary	\$25	All	18 years and under if driver is 18 or under	Emergency vehicles, motorcycles, vehicles that stop frequently, rural letter carriers, model year <1964.
Indiana	7/1/1987	Primary	\$25	Front All	16 years and older 16 years and older	Tractors, RVs, postal vehicles, school buses, delivery vehicles, taxis, buses, emergency vehicles, antique cars, motorcycles, farm vehicles engaged in farming, law enforcement vehicles, non-drivers in parades, public utility vehicles, towing recovery vehicles.
Iowa	7/1/1986	Primary	\$25	Front	11 years and older	Delivery vehicles that do not exceed 25 mph between stops, buses, model year <1965, emergency vehicles, motorcycles, postal vehicles making frequent stops.
Kansas	7/1/1986	Secondary (primary for ages 14-17)	\$30	All	14-17 years	Designed for >10 people, truck >12,000 lb, off-road vehicles, postal vehicles, vehicles delivering newspapers.
Kentucky	7/15/1994	Primary	\$25	All	All	Designed for >10 people, farm trucks registered for agricultural use only and with gross weight 2,000 lb or greater, motorcycles.
Louisiana	7/1/1986	Primary	\$25	All	14 years and older	Vehicles with gross weight >10,000 lb, utility vehicles traveling <20 mph, model year <1981, postal vehicles, farm vehicles, persons delivering newspapers.
Maine	12/26/1995	Primary	\$50	All	18 years and older	Postal vehicles, passengers riding in taxi or limousine for hire.
Maryland	7/1/1986	Primary	\$25	Front	16 years and older	"Historical" vehicles, for-hire vehicles, motorcycles, trucks, buses, vehicles delivering mail, vehicles built before June 1, 1964.
Massachusetts	2/1/1994	Secondary	\$25 <sup>12</sup>	All	13 years and older	Buses, trucks 18,000 lb or more, taxis, utility vehicles, model year <1966, postal vehicles, farm vehicles, authorized emergency vehicles, side-facing seat in car owned for antique collecting.
Michigan	7/1/1985	Primary	\$25	Front	16 years and older	Taxis, buses, school buses, postal service vehicles, model year <1965, commercial vehicles making frequent stops.
Minnesota	8/1/1986	Primary	\$25	All	8 years and older	Farm pickup trucks, postal vehicles, commercial vehicles making frequent stops and going <25 mph between stops, vehicles driving in reverse, persons riding in a vehicle in which all the seating positions equipped with seat belts are occupied by other persons in seat belts, model year <1965, persons in possession of written certificate from a licensed physician verifying that he/she is unable to wear a seat belt.
Mississippi	7/1/1994	Primary	\$25	Front	7 years and older	Farm vehicles, buses, postal vehicles, utility meter readers' vehicles, all-terrain vehicles, vehicles designed to carry >15 persons, trailers.
Missouri	9/28/1985	Secondary (primary for <16 years old)	\$10	Front	16 years and older	Vehicles designed for >10 people, trucks >12,000 lb, postal service vehicles, vehicles requiring frequent entry or exit, agricultural vehicles.
Montana	10/1/1987	Secondary	\$20	All	6 years and older	Motorcycles, taxis, vehicles making frequent stops, construction vehicles.
Nebraska	1/1/1993	Secondary	\$25	Front	18 years and older	Emergency vehicles, model year <1973, farm tractors and other agricultural equipment, buses, postal vehicles.

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine	Seat belt required		Vehicles exempted <sup>5</sup>
				Seats <sup>3</sup>	Ages <sup>4</sup>	
Nevada	7/1/1987	Secondary	\$25	All	6 years and older	Taxis, buses, school buses, postal service vehicles, emergency vehicles, delivery vehicles not exceeding 15 mph. Any vehicle or seating position if the State determines compliance is impractical.
New Hampshire	n/a	No law	n/a	n/a	n/a	n/a
New Jersey	3/1/1985	Primary	\$20	All	8-17 years	Vehicles manufactured before 1966, medical reasons, rural letter carriers, fewer belts than seats.
				All	>7 years and >80 lb	
				Front	18 years and older	
New Mexico	1/1/1986	Primary	\$25 <sup>13</sup>	All	18 years and older	Vehicles >10,000 lb, rural letter carriers.
New York	12/1/1984	Primary	\$50 <sup>14</sup>	Front	16 years and older	Buses, school buses, taxis, emergency or delivery vehicles, rural letter carriers.
North Carolina	10/1/1985	Primary (secondary for rear seat occupants)	\$25	All	16 years and older	Farm vehicles, postal vehicles, designated commercial vehicles, delivery vehicles traveling <20 mph, trash/recycling trucks.
North Dakota	7/14/1994	Secondary	\$20	Front	18 years and older	Designed for >10 people, farm vehicles, rural mail carriers, medical reasons, all front seat belts in use by other occupants.
Ohio	5/6/1986	Secondary	\$30 <sup>15</sup>	All	4-14 years	Postal service vehicles, medical reasons, vehicles delivering newspapers.
				Front	15 years and older	
Oklahoma	2/1/1987	Primary	\$20	Front	13 years and older	Exempt from seat belt law: farm vehicles (trucks, truck tractors), RVs, postal service vehicles. Exempt from child restraint law: school buses, taxicabs, emergency vehicles.
Oregon	12/7/1990	Primary	\$97	All	16 years and older	Designed for >15 passengers, newspaper and mail vehicles, meter and transit vehicles, for-hire vehicles, trash trucks, emergency vehicles, taxicab operators.
Pennsylvania	11/23/1987	Secondary	\$10	All	8-17 years	Trucks >7,000 lb, rural letter carriers, delivery vehicles, vehicles traveling <15 mph.
				Front	18 years and older	
Rhode Island	6/18/1991	Secondary (primary for drivers and occupants <18 years)	\$75	All	All	Postal service vehicles.
South Carolina	7/1/1989	Primary <sup>16,17</sup>	\$25	Front	6 years and older	Emergency vehicles, buses, postal service vehicles, delivery vehicles, parade vehicles, vehicles in which all seating positions with seat belts are already occupied, persons occupying vehicles not originally equipped with seat belts.
				Rear with shoulder belt	6 years and older	
South Dakota	1/1/1995	Secondary	\$20	Front	18 years and older	Passenger buses, school buses, farm tractors, rural mail carriers, newspaper or periodical delivery vehicles.
Tennessee	4/21/1986	Primary	\$10 <sup>18</sup>	Front	16 years and older	Vehicles >8,500 lb, rural letter carriers, utility workers, newspaper delivery vehicles, automobile salespersons who drive <50 miles per day on average, parade vehicles, hayrides crossing a highway from one field to another if operated at <15 mph.
Texas	9/1/1985	Primary	\$200	All	5-16 years	Farm vehicles <48,000 lb, postal service vehicles, newspaper delivery, meter readers.
				Front	17 years and older	
Utah	4/28/1986	Secondary (primary for drivers and occupants 18 years and younger)	\$45 <sup>19</sup>	All	16 years and older	Passengers exempted if all seats are occupied or person is riding in a seating position not equipped with seat belts.
Vermont	1/1/1994	Secondary	\$25	All	16 years and older	Buses, taxis, rural mail carriers, delivery vehicles traveling <15 mph, emergency vehicles, farm tractors, vehicles ordered by emergency personnel to evacuate persons from stricken area.
Virginia	1/1/1988	Secondary	\$25	Front	16 years and older	Trucks >10,000 lb, school buses, motor homes, taxis, police vehicles enforcing parking or transporting prisoners, rural mail carriers, newspaper delivery vehicles, utility meter readers, commercial vehicles making frequent stops.
Washington	6/11/1986	Primary	\$124	All	16 years and older	Vehicles designed for >10 people; when all designated seating positions are occupied; vehicles exempted by State regulation, including farm construction or commercial vehicles making frequent stops.
West Virginia	9/1/1993	Secondary	\$25	All	8-17 years	Designed for >10 people, rural mail carriers, trailers. All seat belts in use and vehicle contains more passengers than total number of seat belts or other safety devices installed in compliance with Federal motor vehicle safety standards.
				Front	8 years and older	
Wisconsin	12/1/1987	Primary	\$10	All	8 years and older	Taxis, farm trucks engaged in farming, emergency vehicles, rural mail carriers, land surveyors.
Wyoming	6/8/1989	Secondary	\$25 <sup>20</sup>	All	9 years and older	Postal vehicles; excess passengers exempted if all seats occupied.

<sup>1</sup> Effective date of first belt law in the state; <sup>2</sup> Primary enforcement enables police officers to stop vehicles and write citations whenever they observe a violation of the seat belt law. Secondary enforcement allows police officers to write a citation for seat belt infractions only after stopping a vehicle for some other traffic infraction; <sup>3</sup> The word "All" used in this category means everyone must be restrained. For children, that may be in a child restraint. <sup>4</sup> May include rear-facing child restraint seats, forward-facing child restraint seats, and booster seats. <sup>5</sup> Emergency vehicle and bus exemptions generally do not apply to the operator;

<sup>6</sup> Court may substitute traffic safety school for fine with regard to first offense. Fine for second and subsequent offenses is \$50.

<sup>7</sup> Primary enforcement for child safety restraints.

<sup>8</sup> If a driver under 18 commits a violation, he/she is subject to a \$75 fine.

<sup>9</sup> For child restraint violation, the driver may opt to take a child restraint safety class for \$25 in lieu of the \$75 base fine. In either case, and for seat belt violation, 2 points are assessed on the driver's record.

<sup>10</sup> If a minor violates the seat belt law, the driver may be fined \$25.

<sup>11</sup> In addition to the \$45 fine, the driver must pay a surcharge of \$10 for the neurotrauma special fund.

<sup>12</sup> Operator may be fined an additional \$25 if allowing anyone under 16 and no younger than 12 years old to ride unrestrained.

<sup>13</sup> New Mexico also assesses points for violations.

<sup>14</sup> New York assesses points only when the violation involves a child under 16 years old.

<sup>15</sup> Fine is \$30 for a driver violating the law, \$20 for a passenger.

<sup>16</sup> Seat belt law may not be enforced by checkpoints designed for that purpose.

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine	Seat belt required		Vehicles exempted <sup>5</sup>
				Seats <sup>3</sup>	Ages <sup>4</sup>	

<sup>17</sup> Seat belt law does not apply to an occupant if all belts in the vehicle are used by other occupants.

<sup>18</sup> Drivers 18 years or older who choose not to contest the citation pay a \$10 fine by mail (\$20 for drivers 16-17 years old).

<sup>19</sup> Reduced to \$15 upon completion of class.

<sup>20</sup> If motorist is wearing a seat belt when stopped for another violation, the fine for that violation is reduced by \$10. Passengers violating the seat belt requirements are subject to a fine of \$10.

**KEY:** n/a = not applicable; RV = recreational vehicle.

**NOTES:** For the most current provisions of state seat belt laws, see the Insurance Institute for Highway Safety's *Safety Belt Use Laws*, available at <http://iihs.org/laws/SafetyBeltUse.aspx> as

**SOURCES: Effective Dates:** Insurance Institute for Highway Safety, Highway Loss Data Institute, *Safety Belt Use Laws*, available at <http://www.iihs.org/laws/SafetyBeltUse.aspx>, as of Jun.



**Table 2-5: Helmet Use Laws: 2011**

State	Motorcycle riders covered by helmet law	Bicycle riders covered by helmet law
Alabama	All riders	Younger than 16
Alaska	Younger than 18 <sup>1</sup>	No law
Arizona	Younger than 18	No law
Arkansas	Younger than 21	No law
California	All riders	Younger than 18
Colorado	Younger than 18 and their passengers younger than 18	No law
Connecticut	Younger than 18	Younger than 16
Delaware	Younger than 19	Younger than 18
District of Colum	All riders	Younger than 16
Florida	Younger than 21 <sup>2</sup>	Younger than 16
Georgia	All riders	Younger than 16
Hawaii	Younger than 18	Younger than 16
Idaho	Younger than 18	No law
Illinois	No law	No law
Indiana	Younger than 18	No law
Iowa	No law	No law
Kansas	Younger than 18	No law
Kentucky	Younger than 21 <sup>3</sup>	No law
Louisiana	All riders	Younger than 12
Maine	Younger than 18 <sup>4</sup>	Younger than 16
Maryland	All riders	Younger than 16
Massachusetts	All riders	Younger than 17 (riding with children younger than 1 prohibited)
Michigan	All riders	No law
Minnesota	Younger than 18 <sup>5</sup>	No law
Mississippi	All riders	No law
Missouri	All riders	No law
Montana	Younger than 18	No law
Nebraska	All riders	No law
Nevada	All riders	No law
New Hampshire	No law	Younger than 16
New Jersey	All riders	Younger than 17
New Mexico	Younger than 18	Younger than 18
New York	All riders	Younger than 14 (riding with children younger than 1 prohibited)
North Carolina	All riders	Younger than 16
North Dakota	Younger than 18 <sup>6</sup>	No law
Ohio	Younger than 18 <sup>7</sup>	No law
Oklahoma	Younger than 18	No law
Oregon	All riders	Younger than 16
Pennsylvania	Younger than 21 <sup>8</sup>	Younger than 12
Rhode Island	Younger than 21 <sup>9</sup>	Younger than 16
South Carolina	Younger than 21	No law
South Dakota	Younger than 18	No law
Tennessee	All riders	Younger than 16
Texas	Younger than 21 <sup>10</sup>	No law
Utah	Younger than 18	No law
Vermont	All riders	No law
Virginia	All riders	No law
Washington	All riders	No law
West Virginia	All riders	Younger than 15
Wisconsin	Younger than 18 <sup>11</sup>	No law
Wyoming	Younger than 18	No law

<sup>1</sup> Alaska's motorcycle helmet use law covers passengers of all ages, operators younger than 18, and operators with instructional permits; <sup>2</sup> In Florida, the law requires

<sup>7</sup> Ohio's motorcycle helmet use law covers all operators during the first year of licensure and all passengers of operators who are covered by the law; <sup>8</sup> Pennsylvania's motorcycle helmet use law covers all operators during the first two years of licensure unless the operator has completed the safety course approved by PennDOT or the Motorcycle Safety Foundation; <sup>9</sup> Rhode Island's motorcycle helmet use law covers all passengers (regardless of age) and all operators during the first year of licensure (regardless of age); <sup>10</sup> Texas exempts riders 21 years or older if they can either show proof of successfully completing a motorcycle operator training and safety course or can show proof of having a medical insurance policy; <sup>11</sup> Motorcycle helmet laws in Wisconsin cover operators with instructional/learner's permits.

SOURCE: Insurance Institute for Highway Safety, Highway Loss Data Institute, Motorcycle and bicycle helmet use laws, available at [http://www.iihs.org/laws/state\\_laws/helmet\\_current.html](http://www.iihs.org/laws/state_laws/helmet_current.html) as of Jun. 20, 2011.

**Table 2-6: Safety Belt Use: 2000, 2005, 2007, 2008, and 2009**  
**(Percentage of drivers and passengers in the front right seat using safety belts)**

State	2000	2005	2007	2008	2009
Alabama	71	82	82	86	90
Alaska	61	78	82	85	86
Arizona	75	94	81	80	81
Arkansas	52	68	70	70	74
California	89	93	95	96	95
Colorado	65	79	81	82	81
Connecticut	76	82	86	88	86
Delaware	66	84	87	91	88
District of Columbia	83	89	87	90	93
Florida	65	74	79	82	85
Georgia	74	90	89	90	89
Hawaii	80	95	98	97	98
Idaho	59	76	79	77	79
Illinois	70	86	90	91	92
Indiana	62	81	88	91	93
Iowa	78	87	91	93	93
Kansas	62	69	75	77	77
Kentucky	60	67	72	73	80
Louisiana	68	78	75	76	75
Maine	N	76	80	83	83
Maryland	85	91	93	93	94
Massachusetts	50	65	69	67	74
Michigan	84	93	94	97	98
Minnesota	73	84	88	87	90
Mississippi	50	61	72	71	76
Missouri	68	77	77	76	77
Montana	76	80	80	79	79
Nebraska	71	79	79	83	85
Nevada	79	95	92	91	91
New Hampshire	N	N	64	69	69
New Jersey	74	86	91	92	93
New Mexico	87	90	92	91	90
New York	77	85	84	89	88
North Carolina	81	87	89	90	90
North Dakota	48	76	82	82	82
Ohio	65	79	82	83	84
Oklahoma	68	83	83	84	84
Oregon	84	93	95	96	97
Pennsylvania	71	83	87	85	88
Rhode Island	64	75	79	72	75
South Carolina	74	70	75	79	82
South Dakota	53	69	73	72	72
Tennessee	59	74	80	82	81
Texas	77	90	92	91	93
Utah	76	87	87	86	86
Vermont	62	85	87	87	85
Virginia	70	80	80	81	82
Washington	82	95	96	97	96
West Virginia	50	85	90	90	87
Wisconsin	65	73	75	74	74
Wyoming	67	N	72	69	68
Nationwide	71	82	82	83	84

**KEY:** N = data do not exist.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Seat Belt Use in 2009 - Use Rates in the States and Territories* (Washington, DC: 2010) available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Jun. 20, 2011.

**Table 2-7: Pedestrian Fatalities Involving Motor Vehicles: 2009**

State	Total traffic fatalities	Pedestrians killed	Pedestrian fatalities as percent of total	Population (thousands)	Pedestrian fatality rate per 100,000 population
Alabama	848	64	7.5	4,709	1.4
Alaska	64	9	14.1	698	1.3
Arizona	807	120	14.9	6,596	1.8
Arkansas	585	36	6.2	2,889	1.2
California	3,081	563	18.3	36,962	1.5
Colorado	465	47	10.1	5,025	0.9
Connecticut	223	26	11.7	3,518	0.7
Delaware	116	15	12.9	885	1.7
District of Columbia	29	14	48.3	600	2.3
Florida	2,558	466	18.2	18,538	2.5
Georgia	1,284	150	11.7	9,829	1.5
Hawaii	109	16	14.7	1,295	1.2
Idaho	226	10	4.4	1,546	0.6
Illinois	911	111	12.2	12,910	0.9
Indiana	693	50	7.2	6,423	0.8
Iowa	372	21	5.6	3,008	0.7
Kansas	386	22	5.7	2,819	0.8
Kentucky	791	41	5.2	4,314	1.0
Louisiana	821	107	13.0	4,492	2.4
Maine	159	11	6.9	1,318	0.8
Maryland	547	113	20.7	5,699	2.0
Massachusetts	334	48	14.4	6,594	0.7
Michigan	871	118	13.5	9,970	1.2
Minnesota	421	42	10.0	5,266	0.8
Mississippi	700	58	8.3	2,952	2.0
Missouri	878	68	7.7	5,988	1.1
Montana	221	15	6.8	975	1.5
Nebraska	223	9	4.0	1,797	0.5
Nevada	243	35	14.4	2,643	1.3
New Hampshire	110	8	7.3	1,325	0.6
New Jersey	583	157	26.9	8,708	1.8
New Mexico	361	39	10.8	2,010	1.9
New York	1,156	306	26.5	19,541	1.6
North Carolina	1,314	146	11.1	9,381	1.6
North Dakota	140	4	2.9	647	0.6
Ohio	1,021	85	8.3	11,543	0.7
Oklahoma	738	31	4.2	3,687	0.8
Oregon	377	35	9.3	3,826	0.9
Pennsylvania	1,256	134	10.7	12,605	1.1
Rhode Island	83	16	19.3	1,053	1.5
South Carolina	894	89	10.0	4,561	2.0
South Dakota	131	4	3.1	812	0.5
Tennessee	989	70	7.1	6,296	1.1
Texas	3,071	344	11.2	24,782	1.4
Utah	244	19	7.8	2,785	0.7
Vermont	74	5	6.8	622	0.8
Virginia	757	73	9.6	7,883	0.9
Washington	492	61	12.4	6,664	0.9
West Virginia	356	21	5.9	1,820	1.2
Wisconsin	561	38	6.8	5,655	0.7
Wyoming	134	2	1.5	544	0.4
United States, total	33,808	4,092	12.1	307,007	1.3

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2009 Early Edition* (Washington, DC: 2010), tables 106 and 116, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Jun. 20, 2010.

**Table 2-8: Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration: 2008 and 2009  
(BAC  $\geq$  0.08 grams per deciliter)**

State	2008			2009		
	Total fatalities	Fatalities involving high blood alcohol	Percent	Total fatalities	Fatalities involving high blood alcohol	Percent
Alabama	966	315	32.6	848	280	33.0
Alaska	62	21	33.9	64	20	31.3
Arizona	937	266	28.4	807	219	27.1
Arkansas	600	171	28.5	585	168	28.7
California	3,434	1,029	30.0	3,081	950	30.8
Colorado	548	173	31.6	465	158	34.0
Connecticut	264	86	32.6	223	99	44.4
Delaware	121	45	37.2	116	45	38.8
District of Columbia	34	9	26.5	29	10	34.5
Florida	2,978	875	29.4	2,558	770	30.1
Georgia	1,493	416	27.9	1,284	331	25.8
Hawaii	107	42	39.3	109	52	47.7
Idaho	232	78	33.6	226	58	25.7
Illinois	1,043	362	34.7	911	319	35.0
Indiana	814	208	25.6	693	210	30.3
Iowa	412	89	21.6	372	96	25.8
Kansas	385	145	37.7	386	154	39.9
Kentucky	826	200	24.2	791	194	24.5
Louisiana	912	338	37.1	821	295	35.9
Maine	155	43	27.7	159	47	29.6
Maryland	591	152	25.7	547	162	29.6
Massachusetts	363	124	34.2	334	108	32.3
Michigan	980	282	28.8	871	246	28.2
Minnesota	456	135	29.6	421	108	25.7
Mississippi	783	266	34.0	700	234	33.4
Missouri	960	310	32.3	878	300	34.2
Montana	229	91	39.7	221	81	36.7
Nebraska	208	55	26.4	223	66	29.6
Nevada	324	107	33.0	243	68	28.0
New Hampshire	139	45	32.4	110	30	27.3
New Jersey	590	154	26.1	583	149	25.6
New Mexico	366	105	28.7	361	114	31.6
New York	1,231	341	27.7	1,156	321	27.8
North Carolina	1,433	423	29.5	1,314	363	27.6
North Dakota	104	47	45.2	140	54	38.6
Ohio	1,190	356	29.9	1,021	324	31.7
Oklahoma	749	244	32.6	738	235	31.8
Oregon	416	136	32.7	377	115	30.5
Pennsylvania	1,468	496	33.8	1,256	406	32.3
Rhode Island	65	25	38.5	83	34	41.0
South Carolina	920	403	43.8	894	377	42.2
South Dakota	119	34	28.6	131	53	40.5
Tennessee	1,035	327	31.6	989	303	30.6
Texas	3,382	1,269	37.5	3,071	1,235	40.2
Utah	275	46	16.7	244	40	16.4
Vermont	73	12	16.4	74	23	31.1
Virginia	824	294	35.7	757	243	32.1
Washington	521	182	34.9	492	206	41.9
West Virginia	380	128	33.7	356	115	32.3
Wisconsin	605	208	34.4	561	213	38.0
Wyoming	159	67	42.1	134	47	35.1
United States, total	37,261	11,773	31.6	33,808	10,839	32.1

**NOTE:** National Highway Traffic Safety Administration estimates the proportion of fatalities with a high Blood Alcohol Concentration for cases in which alcohol test results are unknown. The sum of individual state fatalities with a high BAC may therefore not add to the U.S. total due to rounding of these estimates.

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts Early Edition* (Washington, DC: Annual Issues), table 117, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Jun. 20, 2011.

**Table 2-9: Maximum Posted Speed Limits by Type of Road: 2011**  
(Speed limit in miles per hour)

State	Interstate		Other limited-access roads <sup>1</sup>	
	Rural	Urban	roads <sup>1</sup>	Other roads
Alabama	70	65	65	65
Alaska	65	55	65	55
Arizona	75	65	65	65, Trucks: 65
Arkansas	70; Trucks: 65	55	60 <sup>2</sup>	55
California	70; Trucks: 55	65, Trucks: 55	70, Trucks: 55	65, Trucks: 55
Colorado	75	65	65	65
Connecticut	65	55	65	55
Delaware	65	55	65	55
District of Columbia	n/a	55	n/a	25
Florida	70	65	70	65
Georgia	70	65	65	65
Hawaii	60 <sup>3</sup>	60 <sup>3</sup>	55 <sup>3</sup>	45 <sup>3</sup>
Idaho	75; Trucks: 65	75	65	65
Illinois	65	55	65, Trucks: 55	55
Indiana	70; Trucks: 65	55	60	55
Iowa	70	55	70	55
Kansas	75	75	75	65
Kentucky	65; 70 on specified segments of road <sup>4</sup>	65	65	55
Louisiana	70	70	70	65
Maine	65	65	65	60
Maryland	65	65	65	55
Massachusetts	65	65	65	55
Michigan	70 (trucks 60); <70 (trucks 55)	65	70	55
Minnesota	70	65	65	55
Mississippi	70	70	70	65
Missouri	70	60	70	65
Montana	75; Trucks: 65	65	Day: 70; Night: 65	Day: 70; Night: 65
Nebraska	75	65	65	60
Nevada	75	65	70	70
New Hampshire	65	65	55	55
New Jersey	65	55	65	55
New Mexico	75	75	65	55
New York	65	65	65	55
North Carolina	70	70	70	55
North Dakota	75	75	70	65
Ohio	65 <sup>5</sup>	65	55	55
Oklahoma	75	70	70	70
Oregon	65; Trucks: 55	55	55	55
Pennsylvania	65	55	65	55
Rhode Island	65	55	55	55
South Carolina	70	70	60	55
South Dakota	75	75	70	70
Tennessee	70	70	70	65
Texas	75 <sup>6</sup>	75	75	75
Utah	75 <sup>7</sup>	65	75	65
Vermont	65	55	50	50
Virginia	70 <sup>8</sup>	70 <sup>8</sup>	65	55
Washington	70, Trucks: 60	60	60	60
West Virginia	70	55	65	55
Wisconsin	65	65	65	55
Wyoming	75	60	65	65

<sup>1</sup> Limited-access roads are multilaned roads with restricted access using exit and entrance ramps rather than intersections.

<sup>2</sup> Upon completion of a study, due to be completed on or before 09/15/08, the speed limit on any 2-lane highway or 4-lane highway shall be increased to 65 miles per hour if the findings of the study support the increase on a particular 2-lane highway or 4-lane highway.

<sup>3</sup> The maximum speed limit is established by county ordinance or by the director of transportation.

<sup>4</sup> The speed limit may be increased to 70 mph on specific segments of highway upon the basis of an engineering and traffic investigation. On 07/10/07, highway officials increased the speed from 65 mph to 70 mph on Interstate 75 south of US 42, Interstate 71 west to the split to Louisville, and portions of Boone, Carroll, Gallatin, and Grant

<sup>5</sup> The speed limit on the Ohio Turnpike is 70 mph.

<sup>6</sup> In sections of I-10 and I-20 in rural West Texas, the speed limit for passenger cars and light trucks is 80 mph. Speed limits may be established not to exceed 85 mph if the

<sup>7</sup> Based on 2008 Utah House Bill 406, which became effective on May 5, 2008, portions of I-15 have a posted limit of 80 mph.

<sup>8</sup> The posted limit may be as high as 70 mph where indicated by lawfully placed signs, erected subsequent to a traffic engineering study, effective 07/01/10.

**KEY:** n/a = not applicable.

**NOTES:** Interstates are divided into urban and rural sections based primarily on population size and population density. Many roads, particularly urban interstates, often have a lower posted speed limit than the maximum allowable shown in this table.

**SOURCE:** Insurance Institute for Highway Safety - Highway Loss Data Institute, *Maximum Posted Speed Limits for Passenger Vehicles*, available at <http://www.iihs.org/laws/SpeedLimits.aspx> as of Jul. 20, 2011.

**Table 2-10: Rail Accidents/Incidents: 2009  
(Includes freight railroad, Amtrak, and commuter rail operations)**

<b>State</b>	<b>Accidents/ Incidents</b>	<b>Fatalities</b>	<b>Injuries</b>
Alabama	205	12	105
Alaska	117	3	104
Arizona	126	14	83
Arkansas	183	9	117
California	713	76	507
Colorado	176	3	124
Connecticut	125	4	104
Delaware	46	2	38
District of Columbia	86	1	79
Florida	222	29	166
Georgia	292	16	154
Hawaii	0	0	0
Idaho	61	4	39
Illinois	1,026	41	814
Indiana	278	27	168
Iowa	187	10	102
Kansas	204	8	111
Kentucky	155	6	87
Louisiana	224	21	132
Maine	19	1	12
Maryland	124	5	89
Massachusetts	249	12	238
Michigan	166	20	111
Minnesota	202	16	122
Mississippi	111	14	82
Missouri	236	20	162
Montana	147	4	126
Nebraska	248	11	156
Nevada	27	0	19
New Hampshire	6	0	3
New Jersey	460	25	361
New Mexico	86	15	52
New York	1,071	29	970
North Carolina	167	23	111
North Dakota	87	3	59
Ohio	270	32	135
Oklahoma	137	11	64
Oregon	108	5	74
Pennsylvania	749	33	640
Rhode Island	12	3	6
South Carolina	104	12	56
South Dakota	40	4	25
Tennessee	198	6	105
Texas	768	56	477
Utah	73	3	45
Vermont	28	2	19
Virginia	193	11	128
Washington	251	17	179
West Virginia	122	9	89
Wisconsin	150	4	101
Wyoming	94	3	64
<b>United States, total</b>	<b>11,129</b>	<b>695</b>	<b>7,914</b>

**NOTE:** Data are preliminary. *Accidents/Incidents* includes all events reportable to the U.S. Department of Transportation, Federal Railroad Administration under applicable regulations. These include: train accidents, reported on Form F 6180.54, comprised of collisions, derailments, and other events involving the operation of on-track equipment and causing reportable damage above an established threshold (\$8,500 for 2008, per 49 CFR 225.19); highway-rail grade crossing incidents, reported on Form F 6180.57, involving impact between railroad on-track equipment and highway users at crossings; and other incidents, reported on Form F 6180.55a, involving all other reportable incidents or exposures that cause a fatality or injury to any person, or an occupational illness to a railroad employee.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), table 2-11, available at <http://safetydata.fra.dot.gov/OfficeofSafety/> as of Jun. 21, 2011.

**Table 2-11: Highway-Rail Grade Crossing Incidents: 2009**  
**(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Number of			
	Grade crossings	Incidents	Fatalities	Injuries
Alabama	4,565	70	4	27
Alaska	274	4	1	0
Arizona	1,300	20	3	5
Arkansas	4,396	44	9	17
California	10,331	116	29	33
Colorado	2,836	24	1	9
Connecticut	645	4	1	0
Delaware	388	4	0	2
District of Columbia	34	0	0	0
Florida	5,042	50	10	24
Georgia	7,803	107	6	36
Hawaii	8	0	0	0
Idaho	2,441	10	0	7
Illinois	12,257	105	18	50
Indiana	7,951	98	14	38
Iowa	7,290	52	4	19
Kansas	8,035	46	2	15
Kentucky	4,809	58	1	22
Louisiana	5,673	84	11	36
Maine	1,699	4	0	4
Maryland	1,302	13	0	9
Massachusetts	1,377	4	0	1
Michigan	7,206	49	12	14
Minnesota	7,122	40	6	14
Mississippi	4,147	42	8	24
Missouri	6,795	39	8	17
Montana	3,256	15	1	3
Nebraska	4,965	41	8	18
Nevada	530	4	0	1
New Hampshire	598	2	0	0
New Jersey	2,160	41	4	17
New Mexico	1,235	13	3	5
New York	5,348	31	9	3
North Carolina	6,911	55	8	34
North Dakota	4,786	15	3	5
Ohio	8,709	63	9	21
Oklahoma	5,296	48	4	23
Oregon	4,094	9	1	2
Pennsylvania	6,201	46	1	17
Rhode Island	123	0	0	0
South Carolina	3,972	41	6	16
South Dakota	2,994	17	3	11
Tennessee	4,694	56	2	17
Texas	15,084	178	23	79
Utah	1,288	13	2	1
Vermont	927	9	2	2
Virginia	4,396	35	3	9
Washington	5,264	32	2	5
West Virginia	3,398	23	3	8
Wisconsin	6,446	46	2	17
Wyoming	1,094	4	0	0
United States, total	219,495	1,924	247	737

**NOTES:** Data are preliminary. Any impact, regardless of severity, between railroad on-track equipment and any user of a public or private crossing site must be reported to the U.S. Department of Transportation, Federal Railroad Administration on Form F 6180.57. The crossing site includes sidewalks and pathways at, or associated with, the crossing. Counts of *Fatalities* and *Injuries* include motor vehicle occupants, people not in vehicles or the trains, as well as people on the train or railroad equipment.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), tables 2-11 and 9-2, available at <http://safetydata.fra.dot.gov/OfficeofSafety/>, as of Jun. 21, 2011.

**Table 2-12: Highway-Rail Grade Crossings by Type: 2009**  
**(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Total (number)	Percent of total		
		Public, motor vehicle	Private, motor vehicle	Pedestrian
Alabama	4,565	62.1	37.5	0.4
Alaska	274	62.8	35.4	1.8
Arizona	1,300	59.8	39.7	0.5
Arkansas	4,396	67.4	32.5	0.2
California	10,331	62.8	35.5	1.6
Colorado	2,836	60.9	38.2	1.0
Connecticut	645	56.9	41.7	1.4
Delaware	388	69.1	30.4	0.5
District of Columbia	34	14.7	55.9	29.4
Florida	5,042	74.7	24.1	1.2
Georgia	7,803	69.1	30.4	0.6
Hawaii	8	100.0	0.0	0.0
Idaho	2,441	52.8	46.7	0.5
Illinois	12,257	63.9	33.3	2.8
Indiana	7,951	74.6	24.9	0.6
Iowa	7,290	60.4	39.0	0.6
Kansas	8,035	66.6	33.1	0.3
Kentucky	4,809	49.0	50.3	0.7
Louisiana	5,673	53.4	46.1	0.6
Maine	1,699	48.6	50.8	0.6
Maryland	1,302	49.2	49.3	1.5
Massachusetts	1,377	60.6	37.4	2.0
Michigan	7,206	67.3	31.5	1.2
Minnesota	7,122	64.0	35.2	0.8
Mississippi	4,147	54.2	45.4	0.4
Missouri	6,795	58.3	41.0	0.7
Montana	3,256	42.8	56.8	0.4
Nebraska	4,965	60.7	39.1	0.1
Nevada	530	54.0	45.1	0.9
New Hampshire	598	58.2	39.1	2.7
New Jersey	2,160	72.0	25.7	2.3
New Mexico	1,235	58.5	40.7	0.7
New York	5,348	50.2	48.5	1.3
North Carolina	6,911	56.6	42.6	0.8
North Dakota	4,786	73.1	26.6	0.3
Ohio	8,709	67.1	32.4	0.5
Oklahoma	5,296	73.5	26.3	0.3
Oregon	4,094	45.4	52.8	1.8
Pennsylvania	6,201	56.3	42.1	1.6
Rhode Island	123	54.5	24.4	21.1
South Carolina	3,972	68.2	31.3	0.4
South Dakota	2,994	63.9	35.9	0.2
Tennessee	4,694	60.0	39.4	0.7
Texas	15,084	65.1	34.7	0.2
Utah	1,288	54.2	45.5	0.3
Vermont	927	40.7	54.0	5.3
Virginia	4,396	44.2	54.9	0.9
Washington	5,264	48.3	50.9	0.9
West Virginia	3,398	42.4	56.0	1.6
Wisconsin	6,446	63.1	35.5	1.4
Wyoming	1,094	35.6	64.4	0.1
United States, total	219,495	61.1	38.0	0.9

**NOTE:** Data are preliminary.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), table 9-2, available at <http://safetydata.fra.dot.gov/OfficeofSafety/> as of Jun. 21, 2011.



**Table 2-13: Warning Devices at Public Highway-Rail Grade Crossings: 2009**

State	Total (number)	Percent of total							
		Cross bucks	Gates	Flashing lights	Stop signs	Unknown	Special warning	HWTS, WW, bells	Other
Alabama	2,835	25.9	26.2	18.2	24.3	1.6	0.6	3.1	0.3
Alaska	172	34.9	41.3	5.2	14.0	1.2	2.9	0.0	0.6
Arizona	778	29.0	51.5	6.0	9.4	1.5	1.7	0.8	0.0
Arkansas	2,961	55.6	15.0	13.3	7.5	3.8	2.1	2.6	0.0
California	6,491	31.1	47.7	12.2	3.7	1.7	0.4	3.0	0.2
Colorado	1,726	48.3	26.9	10.0	9.7	1.9	1.2	1.7	0.3
Connecticut	367	7.4	27.2	39.0	12.8	4.4	7.9	1.4	0.0
Delaware	268	8.2	24.3	59.7	0.4	0.7	6.3	0.4	0.0
District of Columbia	5	0.0	0.0	40.0	20.0	0.0	40.0	0.0	0.0
Florida	3,767	15.9	63.5	11.7	5.3	1.6	1.8	0.2	0.1
Georgia	5,390	27.2	37.6	4.7	22.0	2.3	2.1	3.8	0.3
Hawaii	8	75.0	0.0	0.0	12.5	0.0	0.0	0.0	12.5
Idaho	1,289	32.2	12.3	13.3	41.3	0.7	0.1	0.2	0.0
Illinois	7,838	31.9	38.3	24.1	1.1	2.2	0.9	1.4	0.1
Indiana	5,928	25.7	32.6	21.3	16.7	2.1	0.2	1.2	0.2
Iowa	4,404	47.7	22.0	18.5	10.0	0.7	0.5	0.5	0.1
Kansas	5,352	62.1	23.4	7.6	3.2	1.2	1.1	1.2	0.0
Kentucky	2,356	40.9	19.0	30.6	2.2	5.1	2.0	0.3	0.0
Louisiana	3,027	43.9	28.3	16.0	6.8	3.7	0.7	0.2	0.3
Maine	826	32.8	10.0	47.1	1.3	0.8	7.3	0.6	0.0
Maryland	640	32.3	19.2	31.4	6.3	3.4	3.8	3.1	0.5
Massachusetts	835	12.8	40.2	32.5	1.3	4.0	7.2	1.7	0.4
Michigan	4,847	20.8	22.2	25.1	27.3	2.1	1.6	0.7	0.1
Minnesota	4,558	46.1	23.2	9.0	20.0	1.2	0.2	0.1	0.1
Mississippi	2,246	33.8	21.2	18.4	18.8	2.5	1.2	1.4	2.6
Missouri	3,964	50.0	22.3	18.3	3.0	3.8	1.6	1.0	0.1
Montana	1,393	59.7	19.7	11.5	6.3	0.6	0.4	0.1	1.7
Nebraska	3,016	64.5	20.9	6.0	6.2	2.0	0.1	0.2	0.1
Nevada	286	42.7	43.4	8.4	3.5	0.3	0.7	0.3	0.7
New Hampshire	348	28.4	12.4	35.1	12.6	1.1	9.5	0.6	0.3
New Jersey	1,555	17.8	28.9	38.5	0.8	4.0	8.9	1.1	0.0
New Mexico	723	48.5	33.9	11.3	2.4	2.6	0.0	0.7	0.6
New York	2,683	16.8	63.3	10.1	1.3	2.0	3.8	2.2	0.4
North Carolina	3,912	27.4	51.7	11.0	2.6	4.5	2.1	0.4	0.3
North Dakota	3,497	80.5	15.7	0.9	1.9	1.0	0.0	0.0	0.0
Ohio	5,848	34.8	47.2	14.3	2.2	0.5	0.6	0.4	0.0
Oklahoma	3,890	59.0	22.3	13.2	2.2	1.3	1.4	0.4	0.2
Oregon	1,858	32.1	34.1	5.5	20.1	3.1	2.0	1.7	1.4
Pennsylvania	3,490	29.4	27.3	29.1	4.8	2.0	5.2	1.8	0.4
Rhode Island	67	6.0	23.9	22.4	0.0	9.0	13.4	25.4	0.0
South Carolina	2,710	18.9	39.4	13.4	25.1	0.3	2.5	0.3	0.1
South Dakota	1,914	78.4	2.8	13.2	1.8	3.8	0.0	0.0	0.0
Tennessee	2,815	38.2	27.4	21.3	6.1	2.4	3.9	0.4	0.2
Texas	9,817	36.5	47.3	9.5	2.1	3.3	0.7	0.6	0.1
Utah	698	24.8	32.4	13.8	19.3	3.3	4.6	1.9	0.0
Vermont	377	28.9	8.0	46.2	7.2	1.3	8.0	0.5	0.0
Virginia	1,945	18.5	59.4	17.1	1.6	2.4	0.2	0.8	0.1
Washington	2,540	48.9	23.0	13.1	3.8	8.7	1.1	1.1	0.2
West Virginia	1,442	43.3	15.7	30.9	2.6	6.0	0.7	0.4	0.4
Wisconsin	4,070	35.1	20.7	24.0	18.2	1.0	0.1	0.8	0.1
Wyoming	389	29.3	51.9	14.1	1.3	1.8	0.3	1.3	0.0
United States, total	134,161	37.9	32.4	15.8	8.7	2.3	1.5	1.1	0.2

KEY: HWTS = highway traffic signals; WW = wigwags.

SOURCE: U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), table 9-4, available at <http://safetydata.fra.dot.gov/OfficeofSafety/> as of Jun. 21, 2011.

**Table 2-14: Train Accident/Incident Fatalities, Including at Highway-Rail Crossings, by Category of Person Killed: 2009  
(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Non-trespasser	Other
Alabama	1	0	10	1	0
Alaska	0	0	3	0	0
Arizona	2	0	10	2	0
Arkansas	0	0	1	8	0
California	0	0	74	2	0
Colorado	0	0	2	1	0
Connecticut	0	0	3	1	0
Delaware	0	0	2	0	0
District of Columbia	0	0	1	0	0
Florida	0	0	28	1	0
Georgia	0	0	12	4	0
Hawaii	0	0	0	0	0
Idaho	0	0	2	2	0
Illinois	0	0	26	14	1
Indiana	0	0	21	6	0
Iowa	3	0	5	2	0
Kansas	1	1	6	0	0
Kentucky	0	0	5	1	0
Louisiana	0	0	10	11	0
Maine	0	0	1	0	0
Maryland	0	0	5	0	0
Massachusetts	0	0	12	0	0
Michigan	0	0	13	7	0
Minnesota	1	0	9	6	0
Mississippi	0	0	9	5	0
Missouri	0	0	12	8	0
Montana	0	0	4	0	0
Nebraska	0	0	4	7	0
Nevada	0	0	0	0	0
New Hampshire	0	0	0	0	0
New Jersey	0	0	24	0	1
New Mexico	2	0	12	1	0
New York	2	0	27	0	0
North Carolina	0	0	23	0	0
North Dakota	0	0	0	3	0
Ohio	0	0	28	4	0
Oklahoma	0	0	7	4	0
Oregon	0	0	5	0	0
Pennsylvania	2	0	31	0	0
Rhode Island	0	0	3	0	0
South Carolina	0	0	10	2	0
South Dakota	0	0	1	3	0
Tennessee	0	0	5	1	0
Texas	1	0	43	12	0
Utah	0	0	2	1	0
Vermont	0	0	0	2	0
Virginia	0	1	10	0	0
Washington	0	1	16	0	0
West Virginia	0	0	8	0	1
Wisconsin	0	0	3	1	0
Wyoming	2	0	1	0	0
United States, total	17	3	549	123	3

<sup>1</sup> Includes railroad employees, contractors, and volunteers.

**NOTE:** As defined by the U.S. Department of Transportation, Federal Railroad Administration, a *Trespasser* is any person on a part of railroad property used in railroad operations whose presence is prohibited, forbidden, or unlawful. Employees who are trespassing on railroad property are reported as *Trespassers*. *Nontrespassers* are persons lawfully on that part of railroad property that is used in railroad operation (other than defined as employees, passengers, trespassers, volunteers, or contractor employees), and persons adjacent to railroad premises when they are injured as the result of the operation of a railroad. "*Other*" includes employees not on duty, nontrespassers off railroad property, and volunteers or contractors who are not engaged in either the operation of on-track equipment or any other safety-sensitive function for the railroad.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), table 3-3, available at <http://safetydata.fra.dot.gov/OfficeofSafety/> as of Jun. 21, 2011.

**Table 2-15: Train Accident/Incident Injuries, Including at Highway-Rail Crossings, by Category of Person Injured: 2009  
(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Non-trespasser	Other
Alabama	65	4	11	21	4
Alaska	98	6	0	0	0
Arizona	51	10	16	3	3
Arkansas	82	1	14	15	5
California	239	124	64	47	33
Colorado	88	17	6	7	5
Connecticut	65	19	4	8	8
Delaware	27	1	0	7	3
District of Columbia	37	19	2	20	1
Florida	72	50	17	22	5
Georgia	95	9	27	21	2
Hawaii	0	0	0	0	0
Idaho	28	0	4	6	1
Illinois	387	194	36	161	36
Indiana	102	6	30	23	7
Iowa	63	6	10	17	6
Kansas	82	1	13	10	5
Kentucky	57	1	13	15	1
Louisiana	76	15	8	29	4
Maine	7	1	4	0	0
Maryland	44	23	5	8	9
Massachusetts	139	81	4	11	3
Michigan	72	15	9	10	5
Minnesota	98	2	11	9	2
Mississippi	38	23	14	7	0
Missouri	102	15	11	20	14
Montana	98	11	1	7	9
Nebraska	119	1	9	15	12
Nevada	10	4	2	2	1
New Hampshire	3	0	0	0	0
New Jersey	227	56	10	52	16
New Mexico	31	10	6	2	3
New York	467	165	24	241	73
North Carolina	43	34	28	5	1
North Dakota	45	4	0	7	3
Ohio	94	2	20	13	6
Oklahoma	36	1	12	12	3
Oregon	52	6	5	8	3
Pennsylvania	345	99	24	153	19
Rhode Island	3	2	0	1	0
South Carolina	23	11	8	13	1
South Dakota	11	0	6	7	1
Tennessee	69	1	12	11	12
Texas	305	25	49	69	29
Utah	27	9	1	5	3
Vermont	15	1	1	2	0
Virginia	54	46	11	15	2
Washington	124	27	7	11	10
West Virginia	62	8	4	8	7
Wisconsin	65	4	4	22	6
Wyoming	60	0	1	0	3
United States, total	4,602	1,170	578	1,178	385

<sup>1</sup> Includes railroad employee, contractor, and volunteer.

**NOTES:** As defined by the U.S. Department of Transportation, Federal Railroad Administration, a *Trespasser* is any person on a part of railroad property used in railroad operations whose presence is prohibited, forbidden, or unlawful. Employees who are trespassing on railroad property are reported as *Trespassers*. *Nontrespassers* are persons lawfully on that part of railroad property that is used in railroad operation (other than defined as employees, passengers, trespassers, volunteers, or contractor employees), and persons adjacent to railroad premises when they are injured as the result of the operation of a railroad. "Other" includes employees not on duty, nontrespassers off railroad property, and volunteers or contractors who are not engaged in either the operation of on-track equipment or any other safety-sensitive function for the railroad.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2009 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2010), table 3-5, available at <http://safetydata.fra.dot.gov/OfficeofSafety/> as of Jun. 21, 2011.

**Table 2-16: Transit Incidents, Fatalities, Injuries, and Property Damage, All Transit Modes: 2009**

State	Collision			Non-collision			Total property damage (\$ thousands)
	Number of incidents	Fatalities	Injuries	Number of incidents	Fatalities	Injuries	
Alabama	16	0	30	30	0	25	134
Alaska	12	1	4	46	2	41	876
Arizona	53	4	76	209	0	202	1,963
Arkansas	1	0	4	89	0	89	8
California	477	36	693	2,249	32	2,203	10,652
Colorado	55	3	84	174	0	170	2,013
Connecticut	57	1	123	126	0	136	203
Delaware	0	0	0	91	0	92	0
District of Columbia	175	13	334	337	12	317	12,512
Florida	331	11	631	671	5	658	3,586
Georgia	135	7	290	483	0	465	1,168
Hawaii	27	0	39	92	0	92	210
Idaho	5	1	4	1	0	1	42
Illinois	414	23	698	1,190	14	1,130	4,105
Indiana	38	2	70	74	0	72	273
Iowa	9	0	11	11	0	11	65
Kansas	1	0	0	114	0	112	153
Kentucky	12	2	31	161	1	169	143
Louisiana	40	0	87	74	0	74	507
Maine	1	0	0	1	0	1	25
Maryland	178	4	419	173	0	169	465
Massachusetts	60	3	148	967	6	787	10,435
Michigan	82	5	170	146	0	145	1,244
Minnesota	50	3	80	42	1	42	366
Mississippi	3	0	11	0	0	0	80
Missouri	98	1	214	150	0	143	544
Montana	1	0	3	0	0	0	15
Nebraska	6	0	14	0	0	0	79
Nevada	44	1	86	347	0	346	376
New Hampshire	0	0	0	3	0	3	0
New Jersey	137	20	217	418	28	362	2,228
New Mexico	1	0	3	0	0	0	25
New York	611	33	1,104	8,138	52	7,038	4,075
North Carolina	49	0	119	104	0	93	734
North Dakota	0	0	0	1	0	1	0
Ohio	145	3	293	438	0	428	1,093
Oklahoma	7	0	18	11	0	11	115
Oregon	28	4	29	178	0	168	274
Pennsylvania	173	5	423	2,079	7	1,987	1,653
Rhode Island	23	0	39	27	0	25	207
South Carolina	16	0	46	39	0	40	204
South Dakota	0	0	0	0	0	0	0
Tennessee	36	0	61	47	0	35	541
Texas	214	4	397	763	0	753	2,382
Utah	26	3	28	32	0	31	284
Vermont	0	0	0	5	0	5	0
Virginia	61	3	115	276	0	285	899
Washington	92	3	138	399	1	389	1,220
West Virginia	4	0	11	42	0	46	87
Wisconsin	50	1	83	294	0	337	575
Wyoming	0	0	0	0	0	0	0
United States, total (including Puerto Rico)	4,063	202	7,487	21,716	161	20,158	68,843

**NOTES:** Collision includes at-grade crossings excluding suicides. Noncollision includes: 1) derailments; 2) personal casualties in parking facilities, inside vehicles, on right of way, boarding/alighting, and in station/bus stops; 3) evacuations for life safety; and 4) nonarson fires. For an incident to be reportable it must involve a transit vehicle or occur on transit property and either: 1) result in a fatality, injury or transit property damage greater than \$25,000; 2) involve a nonarson fire; 3) involve a mainline derailment; or 4) involve an evacuation due to life safety 5) involve an act of God 6) involve a Hazardous Material Spill.

Data are compiled from Federal Transit Administration's National Transit Database, and Federal Railroad Administration's Rail Accident/Incident Reporting System.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, personal communication, Jul. 18, 2011.

**Table 2-17: Recreational Boating Accidents: 2009**

State	Number of accidents				Number of persons	
	Total	Fatal	Nonfatal injury	Property damage	Killed	Injured
Alabama	75	11	29	35	14	44
Alaska	19	13	4	2	14	6
Arizona	151	3	98	50	3	120
Arkansas	78	16	30	32	17	51
California	478	42	255	181	47	393
Colorado	60	12	35	13	13	50
Connecticut	56	8	21	27	8	33
Delaware	16	1	5	10	1	5
District of Columbia	0	0	0	0	0	0
Florida	610	53	277	280	67	420
Georgia	145	11	89	45	12	108
Hawaii	19	7	1	11	7	3
Idaho	74	13	36	25	15	50
Illinois	96	15	41	40	16	68
Indiana	42	13	24	5	13	30
Iowa	37	3	21	13	3	29
Kansas	27	5	13	9	6	16
Kentucky	62	17	27	18	21	40
Louisiana	120	26	63	31	33	112
Maine	44	8	21	15	8	27
Maryland	174	16	104	54	17	141
Massachusetts	51	10	24	17	10	31
Michigan	131	32	57	42	36	89
Minnesota	82	14	45	23	15	78
Mississippi	39	15	10	14	16	19
Missouri	150	16	79	55	17	112
Montana	20	6	11	3	6	17
Nebraska	31	5	20	6	6	27
Nevada	67	6	35	26	7	45
New Hampshire	60	6	31	23	7	39
New Jersey	126	6	40	80	6	57
New Mexico	34	3	18	13	3	21
New York	148	19	60	69	23	78
North Carolina	144	19	79	46	19	101
North Dakota	7	0	3	4	0	7
Ohio	105	9	37	59	9	54
Oklahoma	55	10	27	18	14	46
Oregon	67	11	28	28	13	45
Pennsylvania	58	11	31	16	11	61
Rhode Island	50	1	5	44	1	13
South Carolina	95	7	50	38	11	78
South Dakota	21	3	11	7	3	21
Tennessee	117	19	51	47	22	77
Texas	168	34	81	53	38	125
Utah	87	8	52	27	11	81
Vermont	4	2	2	0	2	2
Virginia	137	23	69	45	27	91
Washington	111	17	41	53	22	66
West Virginia	32	13	13	6	15	18
Wisconsin	102	15	55	32	16	68
Wyoming	18	4	10	4	4	24
United States, total (excluding territories)	4,700	637	2,269	1,794	725	3,337
United States, total (including territories) <sup>1</sup>	4,730	646	2,278	1,806	736	3,358

<sup>1</sup> Includes accidents in Guam, Puerto Rico, the Virgin Islands, American Samoa, Northern Mariana Islands, and those occurring offshore.

**NOTES:** An accident is listed under one category only, with *Fatal* being the highest priority, followed by *Nonfatal injury*, followed by *Property damage*. For example, if two vessels are in an accident resulting in a *Fatality* and a *Nonfatal injury*, the accident is counted as a fatal accident involving two vessels.

Data in this table do not include: 1) accidents involving only slight injury not requiring medical treatment beyond first-aid; 2) accidents involving property damage of less than \$2,000; 3) accidents not caused or contributed to by a vessel, its equipment, or its appendages; 4) accidents where a person died or was injured from natural causes while aboard a vessel; 5) accidents in which the boat was used solely as a platform for other activities, such as swimming or skin diving. Such cases are not included because the victims freely left the safety of a boat. However, the data do include accidents involving people in the water who are struck by their boat or another boat; and 6) accidents involving damage, injury, or death on a docked or moored boat resulting from storms, unusual tidal, sea, or swell conditions, or when a vessel got underway in those conditions in an attempt to rescue persons put in peril.

**SOURCE:** U.S. Department of Homeland Security, U.S. Coast Guard, *Boating Statistics 2009* (Washington, DC: 2010), table 29, available at [http://www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of Jun. 21, 2011.

**Table 2-18: Alcohol Involvement in Recreational Boating Accidents: 2009**

State	Total number of accidents	Accidents with alcohol as a contributing factor		
		Total number of accidents	Percent of state total	Persons killed
Alabama	75	10	13.3	4
Alaska	19	4	21.1	3
Arizona	151	9	6.0	1
Arkansas	78	9	11.5	4
California	478	22	4.6	11
Colorado	60	9	15.0	3
Connecticut	56	9	16.1	5
Delaware	16	0	0.0	0
District of Columbia	0	0	0.0	0
Florida	610	33	5.4	17
Georgia	145	12	8.3	3
Hawaii	19	0	0.0	0
Idaho	74	9	12.2	4
Illinois	96	11	11.5	3
Indiana	42	2	4.8	0
Iowa	37	5	13.5	2
Kansas	27	0	0.0	0
Kentucky	62	10	16.1	3
Louisiana	120	23	19.2	17
Maine	44	5	11.4	2
Maryland	174	13	7.5	6
Massachusetts	51	5	9.8	4
Michigan	131	12	9.2	9
Minnesota	82	12	14.6	4
Mississippi	39	2	5.1	2
Missouri	150	11	7.3	3
Montana	20	3	15.0	1
Nebraska	31	6	19.4	2
Nevada	67	6	9.0	1
New Hampshire	60	3	5.0	1
New Jersey	126	4	3.2	1
New Mexico	34	2	5.9	1
New York	148	11	7.4	7
North Carolina	144	13	9.0	5
North Dakota	7	2	28.6	0
Ohio	105	9	8.6	2
Oklahoma	55	3	5.5	3
Oregon	67	5	7.5	1
Pennsylvania	58	6	10.3	2
Rhode Island	50	2	4.0	0
South Carolina	95	5	5.3	0
South Dakota	21	5	23.8	0
Tennessee	117	15	12.8	4
Texas	168	17	10.1	9
Utah	87	1	1.1	0
Vermont	4	1	25.0	0
Virginia	137	7	5.1	2
Washington	111	11	9.9	6
West Virginia	32	3	9.4	1
Wisconsin	102	18	17.6	5
Wyoming	18	2	11.1	1
United States, total (excludi	4,700	397	8.4	165
United States, total (includir	4,730	397	8.4	165

<sup>1</sup> Includes accidents in Guam, Puerto Rico, the Virgin Islands, American Samoa, Northern Mariana Islands, and those occurring offshore.

**NOTE:** Data are based on alcohol use by a boat's occupants resulting directly or indirectly in an accident.

2010), tables 8 and 29, available at [http://www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of Jun. 22, 2011.

**Table 2-19: Hazardous Materials Incidents: 2009 and 2010  
(Not including pipelines or bulk, nonpackaged water incidents)**

State	2009						2010					
	Incidents	Deaths	Injuries			Damages (\$ thousands)	Incidents	Deaths	Injuries			Damages (\$ thousands)
			Total	Major	Minor				Total	Major	Minor	
Alabama	(R) 129	0	3	0	3	(R) 288	180	1	1	0	1	493
Alaska	181	0	3	0	3	120	121	0	0	0	0	180
Arizona	(R) 231	0	0	0	0	(R) 470	239	0	1	1	0	783
Arkansas	(R) 153	0	(R) 7	(R) 3	4	303	169	0	1	0	1	481
California	(R) 1,419	1	(R) 13	1	(R) 12	(R) 1,578	1,298	0	8	0	8	29,676
Colorado	(R) 389	0	(R) 3	0	(R) 3	(R) 3,408	374	0	0	0	0	1,214
Connecticut	(R) 223	0	0	0	0	(R) 287	161	0	0	0	0	77
Delaware	10	0	11	0	11	71	13	0	0	0	0	32
District of Columbia	3	0	0	0	0	0	3	0	0	0	0	8
Florida	(R) 585	0	(R) 6	1	5	(R) 8,150	564	0	2	0	2	1,142
Georgia	(R) 417	0	3	1	2	(R) 3,294	422	0	2	0	2	1,264
Hawaii	17	0	0	0	0	196	16	0	0	0	0	7
Idaho	(R) 42	0	0	0	0	(R) 1,050	51	0	0	0	0	70
Illinois	(R) 1,164	1	24	5	19	(R) 3,715	1,207	1	3	1	2	1,811
Indiana	(R) 367	0	5	1	4	1,599	393	0	1	0	1	687
Iowa	142	0	1	0	1	437	127	0	1	0	1	466
Kansas	(R) 322	0	(R) 3	0	(R) 3	372	279	0	0	0	0	431
Kentucky	(R) 434	0	(R) 3	(R) 1	2	(R) 876	441	0	0	0	0	473
Louisiana	(R) 216	0	4	0	4	(R) 1,633	263	0	5	0	5	1,445
Maine	(R) 36	0	0	0	0	(R) 1,191	38	0	2	0	2	174
Maryland	340	0	3	2	1	(R) 10,592	280	0	6	1	5	506
Massachusetts	(R) 298	0	0	0	0	(R) 1,049	249	0	4	0	4	661
Michigan	(R) 315	0	(R) 3	(R) 2	1	(R) 398	297	0	0	0	0	402
Minnesota	(R) 226	0	0	0	0	(R) 630	268	0	59	0	59	456
Mississippi	(R) 109	1	(R) 5	(R) 2	(R) 3	(R) 1,382	116	0	0	0	0	1,130
Missouri	(R) 274	0	12	0	12	(R) 1,207	264	0	6	2	4	3,031
Montana	(R) 54	(R) 2	3	1	2	(R) 347	54	0	1	0	1	608
Nebraska	(R) 57	0	1	0	1	(R) 228	55	0	2	0	2	36
Nevada	(R) 88	0	1	0	1	(R) 471	101	0	1	0	0	57
New Hampshire	30	0	0	0	0	4	33	0	0	0	0	34
New Jersey	(R) 326	0	2	0	2	280	342	0	1	0	1	1,113
New Mexico	60	0	0	0	0	717	59	0	2	0	2	274
New York	(R) 470	0	(R) 6	0	(R) 6	(R) 1,224	477	1	5	1	4	1,892
North Carolina	(R) 418	(R) 4	(R) 7	(R) 2	5	(R) 3,285	446	0	2	0	2	2,475
North Dakota	(R) 18	0	0	0	0	(R) 644	33	0	0	0	0	187
Ohio	(R) 888	0	3	0	3	(R) 1,697	860	0	10	2	8	1,887
Oklahoma	(R) 171	(R) 1	1	1	0	(R) 845	149	0	7	2	5	417
Oregon	(R) 269	0	3	1	2	(R) 532	258	0	2	0	2	1,130
Pennsylvania	(R) 788	0	10	1	9	(R) 946	750	0	4	0	4	2,177
Rhode Island	(R) 38	0	0	0	0	(R) 56	36	0	0	0	0	4
South Carolina	(R) 142	1	7	0	7	(R) 1,710	172	1	2	1	1	712
South Dakota	19	0	0	0	0	34	25	0	1	1	0	184
Tennessee	(R) 701	0	1	0	1	560	746	2	4	0	4	1,388
Texas	(R) 1,157	(R) 1	39	2	37	(R) 7,731	1,191	1	14	3	11	5,609
Utah	(R) 213	0	2	0	2	(R) 743	271	0	3	1	2	998
Vermont	13	0	0	0	0	1	13	0	0	0	0	9
Virginia	(R) 202	0	3	0	3	(R) 1,316	217	0	4	0	4	1,408
Washington	(R) 241	0	0	0	0	(R) 146	231	0	1	0	1	215
West Virginia	44	0	0	0	0	814	52	0	2	1	1	231
Wisconsin	(R) 274	0	0	0	0	97	270	0	1	0	1	113
Wyoming	(R) 19	0	0	0	0	(R) 76	20	0	0	0	0	312
United States, total <sup>1</sup>	(R) 14,742	(R) 12	(R) 201	(R) 27	(R) 174	(R) 68,798	14,694	7	170	17	153	70,573

<sup>1</sup> Total excludes *Incidents* occurring in a U.S. territory or foreign country.

**KEY:** R = revised.

**NOTES:** Hazardous material incident locations are often listed as the terminals or sorting centers where they are discovered. Therefore, states with this type of facility may show a disproportionate hazardous materials transportation incidents required to be reported are defined in the Code of Federal Regulations (CFR), 49 CFR Part 171.15, 171.16 (Form F 5800.1). *Incident* means any of the following events: (1) a *Fatality* or *Major injury* caused by the release of a hazardous material; (2) the evacuation of 25 or more persons as a result of release of a hazardous material or exposure to fire; (3) a release or exposure to fire which results in the closure of a major transportation artery; (4) the alteration of an aircraft flight plan or operation; (5) the release of radioactive materials from Type B packaging; (6) the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant; or (7) the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.

Hazardous materials *Deaths* and *Injuries* are caused by the hazardous material in commerce.

Hazardous materials incident data are subject to revision and correction by the Office of Hazardous Materials Safety.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, *Hazmat Intelligence Portal, Yearly Incident Summary*

**Table 2-20: Hazardous Materials Incidents by Mode: 2009 and 2010  
(Not including pipelines or bulk, nonpackaged water incidents)**

State	2009					Total	2010					Total
	Mode				Total		Mode				Total	
	Highway	Rail	Air	Water <sup>2</sup>			Highway	Rail	Air	Water <sup>2</sup>		
Alabama	(R) 106	21	2	0	(R) 129	149	27	3	1	180		
Alaska	3	0	132	46	181	1	0	101	19	121		
Arizona	(R) 211	7	13	0	(R) 231	220	4	15	0	239		
Arkansas	(R) 140	7	6	0	(R) 153	158	6	5	0	169		
California	(R) 1,229	(R) 92	94	4	(R) 1,419	1,085	111	101	1	1,298		
Colorado	(R) 370	(R) 13	6	0	(R) 389	357	13	4	0	374		
Connecticut	(R) 214	1	(R) 8	0	(R) 223	159	1	1	0	161		
Delaware	8	2	0	0	10	12	1	0	0	13		
District of Columbia	3	0	0	0	3	3	0	0	0	3		
Florida	(R) 510	13	(R) 55	(R) 7	(R) 585	476	14	38	36	564		
Georgia	(R) 380	18	(R) 19	0	(R) 417	376	29	16	1	422		
Hawaii	3	0	10	4	17	2	0	10	4	16		
Idaho	(R) 34	6	2	0	(R) 42	45	4	2	0	51		
Illinois	(R) 1,080	(R) 43	41	0	(R) 1,164	1,099	63	45	0	1,207		
Indiana	(R) 334	11	22	0	(R) 367	324	15	54	0	393		
Iowa	133	6	3	0	142	120	3	4	0	127		
Kansas	(R) 305	9	8	0	(R) 322	265	9	5	0	279		
Kentucky	(R) 195	9	(R) 230	0	(R) 434	180	16	245	0	441		
Louisiana	(R) 172	42	1	1	(R) 216	215	44	3	1	263		
Maine	(R) 32	1	3	0	(R) 36	36	2	0	0	38		
Maryland	(R) 329	7	4	0	(R) 340	268	8	3	1	280		
Massachusetts	(R) 265	2	31	0	(R) 298	228	4	17	0	249		
Michigan	(R) 258	(R) 13	44	0	(R) 315	246	10	41	0	297		
Minnesota	(R) 210	(R) 5	11	0	(R) 226	249	5	14	0	268		
Mississippi	(R) 101	8	0	0	(R) 109	107	7	2	0	116		
Missouri	(R) 249	11	14	0	(R) 274	242	14	8	0	264		
Montana	(R) 50	4	0	0	(R) 54	47	5	2	0	54		
Nebraska	(R) 44	12	1	0	(R) 57	45	9	1	0	55		
Nevada	(R) 75	6	7	0	(R) 88	90	7	4	0	101		
New Hampshire	23	0	7	0	30	30	0	3	0	33		
New Jersey	284	8	(R) 30	(R) 4	(R) 326	297	16	27	2	342		
New Mexico	54	4	2	0	60	49	9	1	0	59		
New York	(R) 440	6	22	2	(R) 470	429	9	38	1	477		
North Carolina	(R) 391	8	19	0	(R) 418	420	13	11	2	446		
North Dakota	(R) 17	1	0	0	(R) 18	27	4	2	0	33		
Ohio	(R) 797	(R) 36	55	0	(R) 888	810	30	20	0	860		
Oklahoma	(R) 162	4	(R) 5	0	(R) 171	138	6	5	0	149		
Oregon	(R) 242	14	13	0	(R) 269	228	16	14	0	258		
Pennsylvania	(R) 738	17	(R) 33	0	(R) 788	695	22	33	0	750		
Rhode Island	(R) 35	0	(R) 3	0	(R) 38	35	0	1	0	36		
South Carolina	(R) 131	4	7	0	(R) 142	149	13	10	0	172		
South Dakota	18	0	1	0	19	24	0	1	0	25		
Tennessee	(R) 457	21	223	0	(R) 701	495	25	226	0	746		
Texas	(R) 985	104	(R) 61	(R) 7	(R) 1,157	1,023	100	58	10	1,191		
Utah	(R) 194	8	11	0	(R) 213	259	3	9	0	271		
Vermont	12	0	1	0	13	12	0	1	0	13		
Virginia	(R) 186	12	4	0	(R) 202	199	10	5	3	217		
Washington	(R) 198	14	20	9	(R) 241	189	14	16	12	231		
West Virginia	38	4	2	0	44	41	10	1	0	52		
Wisconsin	(R) 257	5	12	0	(R) 274	242	15	13	0	270		
Wyoming	(R) 14	3	2	0	(R) 19	17	3	0	0	20		
<b>United States, total<sup>1</sup></b>	<b>(R) 12,716</b>	<b>(R) 642</b>	<b>(R) 1,300</b>	<b>(R) 84</b>	<b>(R) 14,742</b>	<b>12,612</b>	<b>749</b>	<b>1,239</b>	<b>94</b>	<b>14,694</b>		

<sup>1</sup> Total excludes *Incidents* occurring in a U.S. territory or foreign country.

<sup>2</sup> Includes only packaged shipments (i.e., nonbulk shipments).

**KEY:** R = revised.

**NOTES:** Hazardous materials *Incident* data are subject to revision and correction by the Office of Hazardous Materials Safety.

Hazardous materials transportation *Incidents* required to be reported are defined in the Code of Federal Regulations (CFR), 49 CFR Part 171.15, 171.16 (Form F 5800.1). *Incident* means any of the following events: (1) a fatality or major injury caused by the release of a hazardous material; (2) the evacuation of 25 or more persons as a result of release of a hazardous material or exposure to fire; (3) a release or exposure to fire which results in the closure of a major transportation artery; (4) the alteration of an aircraft flight plan or operation; (5) the release of radioactive materials from Type B packaging; (6) the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant; or (7) the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, *Hazmat Intelligence Portal, Yearly Incident*



**Table 2-21: Natural Gas Distribution Pipeline Incidents: 2009 and 2010**

State	2009				2010			
	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	(R) 2	0	(R) 1	(R) 170,850	4	0	2	174,336
Alaska	9	0	1	1,459,440	1	0	0	101,010
Arizona	5	0	1	2,191,324	2	0	0	40,748
Arkansas	2	0	0	548,956	0	0	0	0
California	21	0	0	2,612,888	15	2	2	1,037,299
Colorado	3	0	2	502,050	2	0	1	208,600
Connecticut	1	0	1	200,100	0	0	0	0
Delaware	0	0	0	0	1	0	0	95,500
District of Columbia	0	0	0	0	1	0	0	4,421
Florida	4	0	0	149,850	1	0	0	130,070
Georgia	4	0	5	197,359	7	2	2	6,324,691
Hawaii	1	0	0	482,000	0	0	0	0
Idaho	2	0	0	1,092,512	1	0	0	28,024
Illinois	(R) 10	0	5	(R) 2,686,007	12	2	5	927,817
Indiana	1	0	0	161,506	3	0	0	69,132
Iowa	1	0	0	127,646	3	0	1	1,316,106
Kansas	2	0	3	703,740	2	0	2	81,121
Kentucky	2	1	0	60,357	3	0	1	8,606
Louisiana	2	0	3	118,684	1	0	1	1,695
Maine	0	0	0	0	0	0	0	0
Maryland	4	0	2	3,281,801	3	0	0	563,830
Massachusetts	3	1	1	750,000	2	0	0	10,240
Michigan	4	0	4	423,692	5	1	1	219,250
Minnesota	2	0	0	142,500	7	0	0	932,144
Mississippi	2	0	0	305,600	0	0	0	0
Missouri	3	0	1	218,000	2	0	0	331,519
Montana	1	1	0	2,500,000	1	1	0	207,600
Nebraska	2	0	0	300,200	4	0	0	173,620
Nevada	1	0	0	94,399	2	0	0	84,448
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	(R) 3	(R) 0	0	(R) 117,594	3	0	0	1,071,531
New Mexico	4	0	4	(R) 266,091	6	2	3	187,034
New York	6	1	(R) 3	1,000,000	5	0	1	316,018
North Carolina	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
Ohio	4	1	2	1,428,963	5	1	1	760,697
Oklahoma	2	0	0	128,388	1	0	0	384,781
Oregon	2	3	0	372,200	1	0	0	5,743
Pennsylvania	3	0	0	(R) 368,243	2	0	1	87,674
Rhode Island	1	0	2	100,000	0	0	0	0
South Carolina	0	0	0	0	1	0	0	54,066
South Dakota	0	0	0	0	0	0	0	0
Tennessee	4	0	0	505,575	1	0	0	2,024
Texas	20	1	5	2,344,390	6	1	2	477,703
Utah	4	0	2	882,207	1	0	0	6,151
Vermont	0	0	0	0	0	0	0	0
Virginia	5	0	0	1,939,989	5	0	0	579,341
Washington	3	0	2	464,467	1	0	0	1,640
West Virginia	1	0	0	0	0	0	0	0
Wisconsin	1	0	2	429,420	0	0	0	0
Wyoming	1	0	0	100,762	0	0	0	0
United States, total	(R) 158	(R) 9	(R) 52	(R) 31,929,750	123	12	26	17,006,230

**KEY:** R = revised.

**NOTES:** Incidents are reported on Form RSPA F 7100.1. Incident means any of the following events:

- I. An event that involves a release of gas from a pipeline or a liquefied natural gas (LNG) facility and a) a death or personal injury necessitating in-patient hospitalization or b) estimated property damage, including cost of gas lost, of the operator or others, or both, of \$50,000 or more.
  - II. An event that results in an emergency shutdown of an LNG facility.
  - III. An event that is significant, in the judgment of the operator, even though it did not meet the criteria of I or II.
- Historical totals may change as the Office of Pipeline Safety receives supplemental information on incidents.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, Distribution, Transmission, and Liquid Accident and Incident Data, Natural Gas Distribution Incident Data - March 2004 to December 2009 and Natural Gas Distribution Incident Data - January 2010 to Present, available at <http://www.phmsa.dot.gov/pipeline/library/data-stats> as of Jun. 22, 2011.

**Table 2-22: Natural Gas Transmission Pipeline Incidents: 2009 and 2010**

State	2009				2010			
	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	2	0	0	1,705,000	1	0	0	235,187
Alaska	0	0	0	0	0	0	0	0
Arizona	4	0	0	814,495	1	0	0	99,567
Arkansas	4	0	0	839,086	6	0	0	442,734
California	8	0	0	1,980,900	5	1	1	221,055,512
Colorado	0	0	0	0	3	0	0	3,798,028
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	4	0	3	(R) 1,147,680	1	0	0	8,012
Georgia	0	0	0	0	1	0	0	50,587
Hawaii	0	0	0	0	0	0	0	0
Idaho	1	0	0	132,430	0	0	0	0
Illinois	3	0	2	(R) 756,935	3	0	0	2,590,210
Indiana	2	0	0	2,554,593	1	0	0	66,851
Iowa	2	0	0	91,965	2	0	0	568,110
Kansas	1	0	1	110,863	3	0	0	1,125,032
Kentucky	3	0	0	561,923	2	0	0	516,827
Louisiana	25	0	0	(R) 16,725,255	16	0	0	5,087,322
Maine	0	0	0	0	0	0	0	0
Maryland	2	0	0	200,000	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Michigan	2	0	0	742,949	2	0	0	249,580
Minnesota	0	0	0	0	2	0	0	190,795
Mississippi	2	0	0	347,205	4	0	0	2,549,188
Missouri	1	0	0	722,850	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	1	0	0	55,297
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0
New York	2	0	0	154,800	3	0	0	290,629
North Carolina	0	0	0	0	2	0	0	421,266
North Dakota	0	0	0	0	2	1	0	516,835
Ohio	3	0	1	(R) 581,697	1	0	0	35,000
Oklahoma	3	0	0	99,845	9	0	1	1,415,965
Oregon	0	0	0	0	0	0	0	0
Pennsylvania	5	0	0	2,725,506	1	0	0	121,530
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	(R) 0	0	0	(R) 0	0	0	0	0
Tennessee	0	0	0	0	3	0	0	238,464
Texas	23	0	3	22,669,754	19	1	3	4,835,901
Utah	1	0	0	69,000	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	1	0	0	79,020
Washington	2	0	0	448,613	1	0	0	300,100
West Virginia	7	0	1	(R) 6,496,899	0	0	0	0
Wisconsin	3	0	0	(R) 781,930	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
United States, total <sup>1</sup>	(R) 126	0	11	(R) 71,851,029	118	3	5	254,219,752

<sup>1</sup> Incidents that have an "unknown" location are included in the U.S. total (11 Incidents, and \$8,388,856 in Property damage for 2009; and 22 Incidents, and \$7,276,203 in Property damage for 2010).

**KEY:** R = revised.

**NOTES:** Incidents are reported on Form RSPA F 7100.2. Incident means any of the following events:

I. An event that involves a release of gas from a pipeline or a liquefied natural gas (LNG) facility and a) a death or personal injury necessitating in-patient hospitalization or b) estimated property damage, including cost of gas lost, of the operator or others, or both, of \$50,000 or more.

II. An event that results in an emergency shutdown of an LNG facility.

III. An event that is significant, in the judgment of the operator, even though it did not meet the criteria of I or II.

Historical totals may change as the Office of Pipeline Safety receives supplemental information on incidents.

Three incidents and \$1,109,800 property damages in 2009 at the Gulf of Mexico are not included.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, Distribution, Transmission, and Liquid Accident and Incident Data, Natural Gas Transmission Incident Data - 2002 to December 2009 and Gas Transmission Incident Data - 2010 to Present, available at <http://www.phmsa.dot.gov/pipeline/library/data-stats> as of Jun. 22, 2011.

**Table 2-23: Hazardous Liquid Pipeline Incidents: 2009 and 2010**

State	2009				2010			
	Number of incidents	Number of fatalities	Number of injuries	Property damage <sup>2</sup> (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage <sup>2</sup> (dollars)
Alabama	(R) 1	0	0	(R) 9,140	1	0	0	13,250
Alaska	(R) 2	0	0	(R) 6,000	2	0	0	28,942,128
Arizona	(R) 2	0	0	(R) 35,284	0	0	0	0
Arkansas	1	(R) 6	0	(R) 3,789,146	1	0	0	10,500
California	(R) 19	0	0	(R) 1,315,463	14	0	0	5,995,496
Colorado	(R) 3	0	0	(R) 304,759	3	0	0	31,633
Connecticut	(R) 1	0	0	(R) 2,310	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	(R) 1	0	0	(R) 6,010	1	0	0	437,000
Georgia	(R) 3	0	0	(R) 64,919	2	1	1	553,155
Hawaii	0	0	0	0	0	0	0	0
Idaho	0	0	0	0	1	0	0	46,772
Illinois	(R) 12	0	0	(R) 1,701,834	17	0	0	55,566,111
Indiana	2	0	0	(R) 93,357	6	0	2	13,249,098
Iowa	(R) 7	0	0	(R) 464,925	8	0	0	952,474
Kansas	(R) 21	0	0	(R) 1,850,791	28	0	0	1,438,501
Kentucky	(R) 3	0	0	(R) 5,334,779	1	0	0	504
Louisiana	(R) 17	(R) 2	3	(R) 6,453,146	27	0	0	18,965,168
Maine	0	0	0	0	1	0	0	4,008
Maryland	(R) 1	0	0	(R) 4,837	1	0	0	10,395
Massachusetts	0	0	0	0	0	0	0	0
Michigan	(R) 4	0	0	(R) 1,121,378	7	0	0	553,180,359
Minnesota	(R) 11	0	0	(R) 3,935,862	12	0	0	2,216,131
Mississippi	(R) 8	0	0	(R) 1,198,224	2	0	0	153,332
Missouri	(R) 6	0	0	(R) 246,467	8	0	1	350,887
Montana	(R) 6	0	0	(R) 2,934,138	3	0	0	198,223
Nebraska	(R) 4	0	0	(R) 260,759	4	0	0	1,104,035
Nevada	0	0	0	0	1	0	0	39,518
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	(R) 7	0	0	(R) 195,840	11	0	0	498,824
New Mexico	(R) 6	0	0	(R) 333,500	2	0	0	52,260
New York	1	0	0	(R) 234,340	3	0	0	2,147,773
North Carolina	(R) 1	0	0	(R) 16,002	1	0	0	15,950
North Dakota	(R) 3	0	0	(R) 23,655	6	0	0	4,237,780
Ohio	(R) 13	0	0	(R) 7,694,944	3	0	0	1,034,544
Oklahoma	(R) 32	0	1	(R) 3,778,037	30	0	0	4,474,532
Oregon	1	0	0	(R) 66,135	0	0	0	0
Pennsylvania	(R) 4	0	0	(R) 3,281,666	2	0	0	101,000
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	(R) 2	0	0	(R) 73,050	4	0	0	54,870
South Dakota	0	0	0	0	2	0	0	237,925
Tennessee	0	0	0	0	1	0	0	31,019
Texas	(R) 102	0	0	(R) 11,144,714	112	0	0	5,644,010
Utah	(R) 4	0	0	(R) 2,086,340	2	0	0	7,775,364
Vermont	0	0	0	0	0	0	0	0
Virginia	(R) 3	0	0	(R) 190,350	2	0	0	128,696
Washington	(R) 1	0	0	(R) 3,500	1	0	0	8,790
West Virginia	0	0	0	0	0	0	0	0
Wisconsin	(R) 7	0	0	(R) 604,463	4	0	0	331,121
Wyoming	(R) 9	0	0	(R) 1,037,436	4	0	0	4,069,135
<b>United States, total<sup>1</sup></b>	<b>(R) 337</b>	<b>(R) 8</b>	<b>4</b>	<b>(R) 72,851,520</b>	<b>345</b>	<b>1</b>	<b>4</b>	<b>717,541,244</b>

<sup>1</sup> Incidents that have an "unknown" location are included in the U.S. total (6 Incidents, and \$10,954,020 in Property damage for 2009; and 4 Incidents, and \$3,238,973 in Property damage for 2010).

<sup>2</sup> The Property damage category includes public and private Property damage, value of product loss, and the value of operator Property damage. It does not include the costs of emergency response, environmental remediation, other operator costs, and other public costs. One incident and \$9,389 property damages in 2009 in Puerto Rico is not included.

**KEY:** R = revised.

**NOTES:** Historical totals may change as the Office of Pipeline Safety receives supplemental information on incidents.

Incidents are reported on DOT Form 7000-1. An accident report is required for each failure in a pipeline system in which there is a release of the hazardous liquid or carbon dioxide transported resulting in any of the following:

1. Explosion or fire not intentionally set by the operator; 2. Loss of 5 or more gallons of hazardous liquid or carbon dioxide; 3. Escape to the atmosphere of more than 5 barrels (0.8 cubic meters) a day of highly volatile liquids; 4. Death of any person; 5. Bodily harm to any person resulting in: a. loss of consciousness; or b. necessity to carry the person from the scene; or c. necessity for medical treatment; or d. disability which prevents the discharge of normal duties or the pursuit of normal activities beyond the day of the accident; 6. Estimated property damage, including cost of clean-up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding \$50,000.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, Distribution, Transmission, and Liquid Accident and Incident Data, Hazardous Liquid Accident Data - January 2002 to December 2009 and Hazardous Liquid Accident Data - January 2010 to Present, available at <http://www.phmsa.dot.gov/pipeline/library/data-stats> as of Jun. 22, 2011.

# Section C

\* \* \*

## Freight Transportation



**Table 3-1: Freight Shipments by State of Origin: 2007**

State	Value (\$ millions)	Tons (thousands)	Ton-miles (millions)
Alabama	182,785	268,926	58,222
Alaska	18,184	28,743	12,633
Arizona	164,820	175,439	24,207
Arkansas	101,915	137,545	40,027
California	1,341,220	900,817	180,976
Colorado	125,093	153,635	76,804
Connecticut	142,787	79,117	11,702
Delaware	34,757	25,679	4,422
District of Columbia	2,876	4,505	57
Florida	399,941	540,450	73,811
Georgia	377,718	372,777	70,173
Hawaii	22,043	35,270	1,547
Idaho	38,452	46,584	20,153
Illinois	639,177	626,898	180,924
Indiana	355,503	379,374	75,389
Iowa	156,920	241,008	73,213
Kansas	149,210	178,327	41,690
Kentucky	241,879	408,434	111,257
Louisiana	269,932	475,520	107,733
Maine	30,893	42,786	9,826
Maryland	131,252	127,630	16,713
Massachusetts	212,121	128,169	13,335
Michigan	409,172	282,752	66,965
Minnesota	237,290	285,018	114,425
Mississippi	90,753	127,526	34,461
Missouri	225,954	305,184	77,099
Montana	21,583	85,244	62,620
Nebraska	76,148	161,358	50,805
Nevada	53,126	62,780	9,531
New Hampshire	38,482	32,678	3,311
New Jersey	422,581	230,155	37,087
New Mexico	31,388	62,650	9,470
New York	549,674	335,782	73,793
North Carolina	363,549	267,770	52,366
North Dakota	26,743	95,671	31,700
Ohio	563,187	475,857	96,370
Oklahoma	116,806	184,134	40,620
Oregon	146,886	184,738	49,849
Pennsylvania	489,415	500,393	88,690
Rhode Island	28,662	13,335	1,945
South Carolina	155,619	144,297	30,835
South Dakota	26,677	52,093	21,268
Tennessee	433,270	328,935	67,397
Texas	1,166,608	1,338,753	252,819
Utah	106,690	123,245	40,249
Vermont	17,919	16,034	3,643
Virginia	194,444	246,958	50,629
Washington	215,515	244,906	62,811
West Virginia	49,842	222,895	85,627
Wisconsin	263,658	203,766	64,301
Wyoming	23,753	550,886	559,160
United States, total	11,684,872	12,543,425	3,344,658

**NOTE:** Details may not add to total due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, *2007 Commodity Flow Survey Interactive Tables*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Jun. 22, 2011.

**Table 3-2: Hazardous Material Shipments by Selected State of Origin: 2007  
(Ranked by tons)**

<b>State</b>	<b>Value (\$ millions)</b>	<b>Tons (thousands)</b>	<b>Ton-miles (millions)</b>
Texas	340,144	499,592	76,530
Louisiana	126,043	221,005	37,565
California	151,684	199,755	9,720
Illinois	73,473	114,925	32,108
Pennsylvania	53,480	95,592	9,895
New Jersey	47,908	78,894	4,421
Florida	45,582	68,259	9,429
Georgia	35,767	67,633	6,608
Ohio	48,758	66,218	10,576
New York	37,438	56,577	4,411
Oklahoma	30,998	50,428	7,543
Indiana	19,168	46,314	5,818
Massachusetts	21,489	43,187	1,611
Minnesota	23,938	42,960	5,621
Washington	28,513	40,661	10,860
Kentucky	27,644	39,242	3,203
Mississippi	14,586	37,253	9,961
Michigan	24,593	34,455	3,011
Kansas	19,784	29,512	3,424
Utah	12,596	28,063	6,542
<b>Top 20 states</b>	<b>1,183,586</b>	<b>1,860,525</b>	<b>258,857</b>
<b>All other states</b>	<b>264,632</b>	<b>370,608</b>	<b>64,600</b>
<b>United States, total</b>	<b>1,448,218</b>	<b>2,231,133</b>	<b>323,457</b>

**NOTES:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, 2007 Commodity Flow Survey Interactive Tables, *Hazardous Materials, HazMat Shipment Characteristics by Origin State*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Jun. 22, 2011.

**Table 3-3: Hazardous Material Shipments by Selected State of Destination: 2007  
(Ranked by tons)**

<b>State</b>	<b>Value (\$ millions)</b>	<b>Tons (thousands)</b>	<b>Ton-miles (millions)</b>
Texas	318,321	487,434	52,256
California	159,535	211,302	30,720
Louisiana	101,838	182,088	18,759
Florida	57,547	88,865	23,422
Illinois	56,291	80,466	16,557
New Jersey	45,654	80,041	9,624
Georgia	39,381	69,241	10,316
New York	46,247	67,308	7,446
Pennsylvania	40,415	67,220	6,103
Ohio	47,924	66,226	9,921
Indiana	28,394	51,746	7,119
Oklahoma	31,499	47,195	5,590
Michigan	32,165	44,694	9,828
Massachusetts	20,208	43,425	1,957
Minnesota	24,029	42,515	3,410
Kentucky	25,965	39,180	6,852
Alabama	17,935	31,853	7,044
Mississippi	18,384	31,548	5,132
Washington	23,273	31,526	5,181
Kansas	20,106	31,514	4,480
Top 20 states	1,155,111	1,795,387	241,717
All other states	293,107	435,746	81,740
United States, total	1,448,218	2,231,133	323,457

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, *2007 Commodity Flow Survey Interactive Tables, Hazardous Materials, HazMat Shipment Characteristics by Destination State*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Jun. 22, 2011.



**Table 3-4: Rail Shipments: 2009**

State	Rail shipments terminating in state		Rail shipments originating in state	
	All commodities (tons)	Top commodity by weight	All commodities (tons)	Top commodity by weight
Alabama	45,315,000	Coal	30,039,000	Coal
Alaska	6,552,000	Stone, sand, gravel	6,552,000	Stone, sand, gravel
Arizona	24,658,000	Coal	2,817,000	Waste and scrap
Arkansas	25,112,000	Coal	14,397,000	Stone, sand, gravel
California	88,547,000	Intermodal	52,074,000	Intermodal
Colorado	27,511,000	Coal	27,255,000	Coal
Connecticut	1,266,000	Nonmetallic minerals	1,561,000	Waste and scrap
Delaware	4,172,000	Coal	536,000	Chemicals
District of Columbia	90,000	NA	73,000	NA
Florida	60,496,000	Phosphate rocke	37,705,000	Phosphate rock
Georgia	75,947,000	Coal	27,571,000	Stone, sand, gravel
Hawaii	0	NA	0	NA
Idaho	7,330,000	Chemicals	6,219,000	Farm products
Illinois	148,969,000	Coal	99,827,000	Intermodal
Indiana	50,070,000	Coal	47,305,000	Coal
Iowa	40,312,000	Coal	37,535,000	Food products
Kansas	24,551,000	Coal	22,625,000	Farm products
Kentucky	40,984,000	Coal	76,773,000	Coal
Louisiana	30,037,000	Coal	25,201,000	Chemicals
Maine	2,255,000	Pulp and paper	2,023,000	Pulp and paper
Maryland	25,817,000	Coal	5,025,000	Waste, scrap, cement
Massachusetts	6,168,000	Intermodal	1,876,000	Intermodal
Michigan	34,483,000	Coal	18,221,000	Iron ore and metal products
Minnesota	60,186,000	Iron ore	67,383,000	Iron ore
Mississippi	12,926,000	Coal	6,851,000	Chemicals
Missouri	72,793,000	Coal	12,465,000	Food products
Montana	5,944,000	Petroleum and coal products	44,205,000	Coal
Nebraska	20,401,000	Coal	29,974,000	Farm products
Nevada	7,661,000	Coal	1,859,000	Lime and wallboard
New Hampshire	982,000	Coal and petroleum products	67,000	Stone, sand, gravel
New Jersey	20,667,000	Chemicals	9,393,000	Intermodal
New Mexico	3,084,000	Food products	12,088,000	Coal
New York	20,473,000	Coal	6,614,000	Chemicals
North Carolina	52,245,000	Coal	9,576,000	Chemicals
North Dakota	13,783,000	Coal	31,089,000	Farm products
Ohio	66,360,000	Coal	50,287,000	Coal
Oklahoma	33,241,000	Coal	16,916,000	Stone, sand, gravel
Oregon	19,638,000	Farm products	7,685,000	Lumber and wood
Pennsylvania	56,267,000	Coal	48,931,000	Coal
Rhode Island	516,000	Chemicals	77,000	All commodities
South Carolina	33,709,000	Coal	9,820,000	Chemicals
South Dakota	4,436,000	Coal and cement	16,527,000	Farm products
Tennessee	24,137,000	Coal	14,389,000	Intermodal
Texas	186,575,000	Coal	82,428,000	Chemicals
Utah	12,248,000	Coal and cement	16,600,000	Coal
Vermont	1,166,000	Nonmetallic minerals and che	348,000	Ground earths, minerals
Virginia	63,379,000	Coal	34,553,000	Coal
Washington	59,106,000	Farm products	18,453,000	Intermodal
West Virginia	18,224,000	Coal	99,736,000	Coal
Wisconsin	56,566,000	Coal	12,940,000	Stone, sand, gravel
Wyoming	16,811,000	Coal	473,603,000	Coal
United States, total	1,714,164,000		1,678,064,000	

**KEY:** NA = not applicable.

**NOTE:** The top commodity is based on the 38 two-digit Standard Transportation Commodity Code groupings and is determined by the tonnage either originating or terminating in the state (including intrastate shipments.)

Commodity tonnage data are rounded estimates based on the Carload Waybill Sample.

**SOURCE:** Association of American Railroads, *Railroads and States (2009)*, available at <http://www.aar.org/KeyIssues/Railroads-States.aspx> as of Jul. 12, 2011.

**Table 3-5: Waterborne Shipments: 2008 and 2009**  
(Thousands of short tons)

State	2008					2009						
	Intrastate	Terminating in state		Originating in state		Total	Intrastate	Terminating in state		Originating in state		Total
		Domestic	Foreign	Domestic	Foreign			Domestic	Foreign	Domestic	Foreign	
Alabama	13,501	18,893	23,806	15,054	14,308	85,561	11,117	15,467	15,595	11,791	12,242	66,212
Alaska	3,420	2,761	1,037	36,225	4,302	47,745	2,913	2,471	1,559	35,147	4,089	46,179
Arkansas	2,593	4,861	0	6,761	0	14,214	1,903	3,934	0	4,571	0	10,408
California	13,733	18,797	125,233	5,066	58,498	221,327	13,610	19,451	106,223	5,337	57,192	201,814
Connecticut	2,109	9,622	4,873	1,079	513	18,196	1,101	9,428	4,756	1,104	378	16,767
Delaware	1,621	1,896	11,877	14,081	1,182	30,657	1,662	1,899	7,572	11,663	819	23,614
District of Columbia	0	159	0	19	0	178	0	119	0	0	0	119
Florida	1,133	47,743	36,493	8,775	16,380	110,524	1,067	42,579	29,008	8,010	17,428	98,091
Georgia	692	650	20,671	596	15,230	37,838	981	424	17,479	573	14,976	34,432
Hawaii	9,883	3,975	9,191	813	593	24,455	5,229	3,565	8,780	886	538	18,997
Idaho	0	114	0	554	0	667	0	59	0	633	0	692
Illinois	11,658	16,868	2,723	83,407	852	115,508	11,311	13,538	2,592	90,741	896	119,078
Indiana	2,628	52,912	1,214	15,763	151	72,668	2,679	39,038	1,120	13,427	188	56,453
Iowa	1,317	3,444	0	6,808	0	11,570	805	3,470	0	7,500	0	11,774
Kansas	0	1	0	263	0	264	0	1	0	518	0	519
Kentucky	17,397	25,765	0	51,273	0	94,435	18,299	23,957	0	43,786	0	86,042
Louisiana	44,471	119,827	111,901	92,875	111,621	480,696	42,845	124,421	91,229	81,192	109,588	449,274
Maine	116	1,577	22,359	252	443	24,747	116	1,618	20,862	133	266	22,996
Maryland	1,863	9,366	17,190	5,192	16,142	49,754	1,540	7,442	12,242	3,985	10,113	35,323
Massachusetts	360	9,673	14,192	347	1,421	25,993	241	8,631	14,244	306	1,596	25,018
Michigan	10,854	20,634	5,561	22,543	6,017	65,609	8,137	17,544	4,753	17,031	4,650	52,115
Minnesota	1,486	6,838	370	28,101	5,377	42,172	999	5,642	356	18,496	3,173	28,667
Mississippi	372	11,867	20,515	13,038	5,722	51,514	493	9,809	22,793	11,874	7,260	52,229
Missouri	6,767	5,795	0	13,845	0	26,407	5,682	4,158	0	14,270	0	24,110
Nebraska	0	192	0	43	0	235	0	114	0	65	0	179
New Hampshire	29	633	3,002	41	128	3,833	0	511	2,924	2	146	3,583
New Jersey	8,812	22,502	75,031	31,171	16,657	154,173	12,030	20,706	70,180	33,539	19,112	155,569
New York	10,063	17,588	25,299	12,048	6,606	71,603	5,707	17,785	16,137	7,770	4,561	51,960
North Carolina	2,169	2,241	5,068	75	1,899	11,451	2,115	1,638	4,419	112	2,439	10,723
Ohio	5,278	61,183	8,079	19,605	9,213	103,358	6,325	51,298	5,601	21,834	5,570	90,628
Oklahoma	1	1,693	0	2,091	0	3,786	22	1,791	0	2,031	0	3,845
Oregon	2,591	5,864	4,800	2,837	15,220	31,313	2,094	6,125	2,699	2,864	13,105	26,886
Pennsylvania	14,222	30,207	36,253	19,309	2,033	102,024	10,704	25,339	37,621	15,590	1,592	90,846
Puerto Rico	1,669	6,913	14,027	1,071	1,801	25,480	1,716	7,055	11,613	598	1,225	22,207
Rhode Island	43	3,020	5,538	1,388	527	10,517	40	2,947	4,285	843	289	8,404
South Carolina	471	2,032	11,966	199	6,548	21,216	707	1,584	8,482	180	5,019	15,972
Tennessee	3,770	34,555	0	9,671	0	47,996	2,571	28,151	0	7,485	0	38,208
Texas	58,529	24,771	260,662	37,425	91,954	473,342	57,856	22,187	236,166	32,288	103,346	451,843
Vermont	0	0	0	0	0	0	0	0	0	0	0	0
Virginia	4,594	4,563	14,409	9,433	46,085	79,083	4,196	3,539	11,632	8,145	39,650	67,162
Washington	11,532	24,352	23,956	10,906	51,305	122,051	7,910	23,242	19,160	10,741	45,956	107,009
West Virginia	10,526	18,652	0	47,899	0	77,077	10,098	15,048	0	32,946	0	58,092
Wisconsin	632	11,148	1,906	21,375	9,299	44,360	425	5,632	2,501	17,374	4,718	30,649
United States, total	283,193	673,141	998,679	673,141	522,080	2,477,094	257,600	599,485	858,914	599,485	494,753	2,210,752

**NOTES:** U.S. and state totals exclude duplication.

U.S. total includes data for Guam, the Virgin Islands, the Pacific Islands, other territories, and trans-shipments, which are not individually provided in the table.

**SOURCE:** U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *Waterborne Commerce of the United States (2008 and 2009), Part 5 National Summaries*, Table 4-1, available at <http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm> as of Jun. 22, 2011.

**Table 3-6: Top 50 U.S. Ports by Port Calls and Vessel Type<sup>1</sup>: 2009  
(Capacity in thousands of dwt tons)**

Port	Rank	Vessel type and total capacity <sup>2</sup>									
		Total		Tanker <sup>3</sup>		Dry-bulk		Containership		Other general cargo <sup>4</sup>	
		Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity
Houston, TX	1	6,153	277,117	3,905	194,523	580	23,257	931	38,380	737	20,956
New York/New Jersey, NY and NJ	2	4,430	220,616	1,296	70,391	221	10,163	2,319	124,997	594	15,065
Los Angeles/Long Beach, CA	3	4,312	285,194	1,096	107,822	388	20,673	2,442	147,347	386	9,352
New Orleans, LA	4	4,226	210,844	1,474	88,262	2,031	97,181	331	13,992	390	11,408
San Francisco, CA	5	3,275	190,668	735	53,997	479	19,896	1,859	111,546	202	5,229
Virginia Ports, VA	6	2,502	134,680	131	8,232	547	34,244	1,615	84,943	209	7,260
Savannah, GA	7	2,219	112,557	186	7,820	90	2,995	1,714	95,709	229	6,032
Philadelphia, PA	8	2,171	131,734	1,140	105,180	146	5,702	340	10,887	545	9,966
Columbia River, OR	9	1,925	80,291	146	5,264	1,379	61,126	98	5,256	302	8,644
Charleston, SC	10	1,865	85,748	156	7,011	64	3,017	1,312	68,035	333	7,685
Baltimore, MD	11	1,562	57,596	128	5,073	267	14,714	397	19,536	770	18,273
Jacksonville, FL	12	1,487	48,036	267	12,209	135	7,801	434	16,346	651	11,680
Port Arthur, TX	13	1,270	79,674	931	67,653	180	7,329	1	36	158	4,657
Tacoma, WA	14	1,149	55,253	67	5,690	210	13,120	576	30,284	296	6,158
Port Everglades, FL	15	1,055	34,427	316	14,000	21	743	597	17,961	121	1,723
Texas City, TX	16	1,011	66,045	971	64,419	29	1,283	0	0	11	343
Corpus Christi, TX	17	972	64,702	736	52,513	152	7,627	0	0	84	4,562
San Juan, PR	18	927	20,973	118	5,430	17	545	455	10,174	337	4,825
Seattle, WA	19	920	53,190	13	591	175	11,199	676	39,029	56	2,372
Mobile, AL	20	901	45,517	138	9,435	310	20,447	171	6,960	282	8,676
Miami, FL	21	893	30,463	2	30	1	17	591	26,589	299	3,828
Miami, FL	22	889	33,247	439	16,362	254	10,156	53	2,292	143	4,437
Freeport, TX	23	740	40,101	561	35,519	15	785	106	1,852	58	1,945
Lake Charles, LA	24	662	48,108	467	39,694	124	5,522	0	0	71	2,892
Honolulu, HI	25	596	20,552	74	4,164	15	395	392	13,530	115	2,463
Galveston, TX	26	544	20,547	160	10,346	146	5,529	3	94	235	4,579
Boston, MA	27	520	24,300	221	9,208	58	2,754	133	7,084	108	5,254
Wilmington, NC	28	514	19,301	235	8,904	51	1,664	174	7,272	54	1,461
Portland, ME	29	397	30,382	345	28,222	26	772	0	0	26	1,388
Port Angeles, WA	30	349	31,890	275	28,897	50	2,485	5	218	19	290
LOOP Terminal, LA	31	319	78,652	317	78,433	0	0	0	0	2	220
Valdez, AK	32	296	39,089	296	39,089	0	0	0	0	0	0
Pascagoula, MS	33	275	22,095	221	19,562	34	2,094	0	0	20	439
El Segundo, CA	34	274	27,420	274	27,420	0	0	0	0	0	0
Cherry Point, WA	35	272	27,970	272	27,970	0	0	0	0	0	0
March Point, WA	36	269	23,759	266	23,665	2	82	0	0	1	12
Port Hueneme, CA	37	263	4,327	5	198	0	0	0	0	258	4,129
San Diego, CA	38	256	4,805	1	35	13	487	53	919	189	3,365
Brunswick, GA	39	231	5,317	0	0	4	169	0	0	227	5,148
Galveston light. Area, TX	40	215	48,032	215	48,032	0	0	0	0	0	0
Ingleside, TX	41	193	13,002	98	9,350	75	3,383	0	0	20	269
Dutch Harbor, AK	42	156	7,206	3	142	1	47	141	6,864	11	153
Anchorage, AK	43	141	3,266	1	52	2	62	76	1,612	62	1,540
Barbers Point, HI	44	136	10,969	105	9,298	30	1,658	0	0	1	13
Ferndale, WA	45	124	15,315	110	14,616	10	480	0	0	4	218
Point Comfort, TX	46	122	3,857	94	2,649	10	642	0	0	18	566
Port Manatee, FL	47	122	3,538	17	577	29	1,274	17	298	59	1,388
Palm Beach, FL	48	109	1,742	9	331	2	46	41	562	57	803
Portsmouth, NH	49	100	3,625	39	1,245	45	1,733	0	0	16	647
Kodiak, AK	50	95	2,024	0	0	0	0	95	2,024	0	0
<b>Top 50 ports total</b>		<b>54,404</b>	<b>2,899,762</b>	<b>19,072</b>	<b>1,369,527</b>	<b>8,418</b>	<b>405,298</b>	<b>18,148</b>	<b>912,628</b>	<b>8,766</b>	<b>212,309</b>
<b>U.S. ports total<sup>5</sup></b>		<b>55,560</b>	<b>2,968,567</b>	<b>19,641</b>	<b>1,415,457</b>	<b>8,587</b>	<b>412,868</b>	<b>18,206</b>	<b>913,978</b>	<b>9,126</b>	<b>226,265</b>
<b>Top 50 ports as percent of U.S. total</b>		<b>97.9</b>	<b>97.7</b>	<b>97.1</b>	<b>96.8</b>	<b>98.0</b>	<b>98.2</b>	<b>99.7</b>	<b>99.9</b>	<b>96.1</b>	<b>93.8</b>

<sup>1</sup> Excludes calls by vessels under 10,000 dwt.

<sup>2</sup> Capacity is calculated as the sum for all calling vessels of Calls multiplied by Capacity in dwt.

<sup>3</sup> Includes petroleum and chemical Tankers.

<sup>4</sup> Includes roll-on/roll-off, gas carrier, general cargo, and combination carriers.

<sup>5</sup> Includes Puerto Rico.

**KEY:** dwt = deadweight.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *Vessel Calls at U.S. Ports by Vessel Type*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Jun. 23, 2011.

**Table 3-7: Top 30 U.S. Containership Ports: 2009  
(Thousands of TEUs)**

Port	Rank	Total	Export	Import
Los Angeles, CA	1	5,011	1,519	3,493
Long Beach, CA	2	3,748	1,245	2,503
New York, NY	3	3,577	1,242	2,335
Savannah, GA	4	1,907	999	908
Oakland, CA	5	1,392	753	639
Norfolk, VA	6	1,372	697	675
Houston, TX	7	1,255	773	481
Seattle, WA	8	1,068	451	618
Charleston, SC	9	951	456	495
Tacoma, WA	10	870	415	455
Miami, FL	11	624	338	286
Port Everglades, FL	12	535	316	219
Baltimore, MD	13	404	177	227
New Orleans, LA	14	228	154	74
San Juan, PR	15	218	65	152
Jacksonville, FL	16	198	119	79
Wilmington, NC	17	185	88	97
Philadelphia, PA	18	178	36	143
Wilmington, DE	19	164	35	129
Gulfport, MS	20	157	57	100
Portland, OR	21	155	86	69
Boston, MA	22	148	64	84
West Palm Beach, FL	23	137	97	40
Mobile, AL	24	86	52	35
Chester, PA	25	63	29	34
Freeport, TX	26	57	22	35
San Diego, CA	27	49	1	48
Honolulu, HI	28	47	29	19
Tampa, FL	29	39	20	19
Panama City, FL	30	31	15	16
Top 30 ports, total		24,855	10,348	14,507
United States, all ports <sup>1</sup>		24,989	10,423	14,566
Top 30 ports as percent of U.S. total		99.5%	99.3%	99.6%

<sup>1</sup> Includes Puerto Rico.

**KEY:** TEUs = twenty-foot equivalent units.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *U.S. Waterborne Foreign Container Trade by U.S. Custom Ports*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Jun. 23, 2011.

**Table 3-8: Scheduled and Nonscheduled Air Freight and Mail Enplaned: 2009  
(Short tons)**

State	Freight		Mail	
	Scheduled	Nonscheduled	Scheduled	Nonscheduled
Alabama	26,584	29,777	5	0
Alaska	662,309	86,587	91,913	351
Arizona	117,179	5,207	14,668	0
Arkansas	9,504	211	122	0
California	1,587,893	80,334	81,634	223
Colorado	111,484	8,658	5,551	0
Connecticut	56,162	2,813	4,262	0
Delaware	218	30,009	0	0
District of Columbia	136,748	560	5,295	0
Florida	795,130	210,485	27,499	0
Georgia	303,718	14,510	3,839	0
Hawaii	193,473	39,754	14,449	1,627
Idaho	20,005	66	113	0
Illinois	625,421	53,136	43,646	0
Indiana	513,932	577	1,839	0
Iowa	57,809	127	2,911	0
Kansas	10,782	623	1	0
Kentucky	1,073,589	4,451	38,951	0
Louisiana	42,902	388	1	0
Maine	5,030	919	1	0
Maryland	45,404	658	3,989	0
Massachusetts	121,802	3,586	8,067	0
Michigan	103,829	1,873	4,780	0
Minnesota	103,295	6,659	4,300	0
Mississippi	3,461	125	0	0
Missouri	90,110	9,200	4,145	0
Montana	22,924	0	291	0
Nebraska	35,258	23	524	0
Nevada	71,612	170	3,810	0
New Hampshire	39,251	11	888	0
New Jersey	328,411	24,433	26,624	34,781
New Mexico	46,547	15	1,531	0
New York	555,681	75,147	29,491	7,386
North Carolina	119,141	9,036	10,679	0
North Dakota	9,106	1	63	0
Ohio	211,638	160,303	1,850	93
Oklahoma	44,898	109	42	0
Oregon	96,797	3,735	2,967	0
Pennsylvania	309,713	8,929	10,981	0
Rhode Island	4,567	5	0	0
South Carolina	60,916	18,788	906	0
South Dakota	24,784	12	28	0
Tennessee	2,083,147	10,499	1,982	1,257
Texas	669,991	48,959	43,834	0
Utah	76,600	1,676	3,095	56
Vermont	1,834	0	1	0
Virginia	39,916	919	89	0
Washington	230,580	11,015	9,663	256
West Virginia	2,191	1	0	0
Wisconsin	40,018	327	966	0
Wyoming	6,153	19	1	0
United States, total (including U.S. territories)	12,053,657	972,710	515,044	46,082

**NOTE:** Shipments by foreign carriers, destined for foreign airports and intrastate shipments are included.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TranStats Database, T-100 Market (All Carriers)*, special tabulation, Jun. 23, 2011.

**Table 3-9: Top 50 Airports by Landed Weight of All-Cargo Operations: 2004–2009**  
(In thousand short tons)

Airport	Rank in 2009	Landed weight					
		2004	2005	2006	2007	2008	2009
Memphis, TN (Memphis International)	1	8,885	9,343	9,425	9,772	9,750	9,464
Anchorage, AK (Ted Stevens Anchorage International)	2	9,844	10,364	10,588	10,562	8,976	7,762
Louisville, KY (Louisville International-Standiford Field)	3	4,388	4,591	5,015	5,216	5,223	5,139
Miami, FL (Miami International)	4	3,423	3,550	3,591	3,715	3,494	3,176
Indianapolis, IN (Indianapolis International)	5	2,314	2,545	2,627	2,652	2,564	2,288
Los Angeles, CA (Los Angeles International)	6	3,062	2,927	3,627	3,431	2,876	1,884
Chicago, IL (Chicago O'Hare International)	7	2,359	2,412	2,208	2,201	2,103	1,750
New York, NY (John F. Kennedy International)	8	2,898	2,811	2,615	2,557	2,222	1,591
Newark, NJ (Newark Liberty International)	9	1,765	1,870	1,867	1,873	1,727	1,464
Dallas-Fort Worth, TX (Dallas/Fort Worth International)	10	1,431	1,655	1,722	1,753	1,614	1,436
Oakland, CA (Oakland International)	11	1,703	1,797	1,798	1,811	1,742	1,341
Atlanta, GA (Hartsfield-Jackson Atlanta International)	12	1,162	1,014	1,180	1,261	1,167	1,278
Ontario, CA (Ontario International)	13	1,326	1,344	1,401	1,394	1,350	1,168
Philadelphia, PA (Philadelphia International)	14	1,371	1,401	1,363	1,375	1,264	1,132
Honolulu, HI (Honolulu International)	15	970	828	979	1,134	1,032	1,021
Seattle, WA (Seattle-Tacoma International)	16	531	709	709	691	747	803
Houston, TX (George Bush Intercontinental)	17	697	710	696	769	754	784
San Francisco, CA (San Francisco International)	18	740	797	829	1,039	775	747
Denver, CO (Denver International)	19	763	763	711	642	625	624
Phoenix, AZ (Phoenix Sky Harbor International)	20	801	778	726	711	675	610
Rockford, IL (Chicago Rockford International)	21	677	696	696	737	710	564
Cincinnati, KY (Cincinnati/Northern Kentucky International)	22	1,141	812	100	97	104	564
Portland, OR (Portland International)	23	718	747	730	713	656	545
San Juan, PR (Luis Munoz Marin International)	24	452	625	606	522	431	543
Minneapolis, MN (Minneapolis-St. Paul Intl./Wold-Chamberlain)	25	678	702	620	612	562	474
Toledo, OH (Toledo Express)	26	502	493	460	471	470	473
Salt Lake City, UT (Salt Lake City International)	27	621	590	548	535	521	449
Seattle, WA (Boeing Field/King County International)	28	446	433	392	403	418	447
Boston, MA (General Edward Lawrence Logan International)	29	586	574	550	530	492	418
Orlando, FL (Orlando International)	30	580	578	481	483	425	391
Windsor Locks, CT (Bradley International)	31	445	484	477	459	433	382
San Antonio, TX (San Antonio International)	32	368	381	398	407	412	336
Columbus, OH (Rickenbacker International)	33	297	376	428	407	365	323
San Diego, CA (San Diego International)	34	320	371	366	346	333	319
Fort Worth, TX (Fort Worth Alliance)	35	374	501	644	557	449	299
Sacramento, CA (Sacramento Mather)	36	252	258	257	319	299	299
Detroit, MI (Detroit Metropolitan Wayne County)	37	349	379	395	398	354	292
Albuquerque, NM (Albuquerque International Sunport)	38	311	324	328	339	315	290
Columbia, SC (Columbia Metropolitan)	39	442	392	396	406	431	282
Greensboro, NC (Piedmont Triad International)	40	266	250	266	229	232	279
Aguadilla, PR (Rafael Hernandez)	41	274	286	297	311	322	255
Fort Lauderdale, FL (Fort Lauderdale/Hollywood International)	42	367	372	383	378	336	251
Des Moines, IA (Des Moines International)	43	312	320	335	314	298	240
Baltimore, MD (Baltimore Washington International/Thurgood Mars)	44	256	257	266	261	228	235
Kansas City, MO (Kansas City International)	45	472	463	398	341	294	228
St. Louis, MO (Lambert-St. Louis International)	46	301	297	227	216	213	223
Spokane, WA (Spokane International)	47	250	269	257	253	252	219
Raleigh/Durham, NC (Raleigh-Durham International)	48	274	248	267	253	248	218
Washington, DC (Dulles International)	49	305	305	280	290	285	215
Jacksonville, FL (Jacksonville International)	50	199	223	248	252	243	211
Top 50 airports, total <sup>1</sup>		(R) 64,398	(R) 66,206	(R) 66,394	(R) 66,754	62,092	55,727
United States, all airports <sup>2</sup>		74,435	76,051	76,362	76,583	71,281	63,494
Top 50 airports as percent of U.S. total		(R) 86.52	(R) 87.05	(R) 86.95	(R) 87.16	87.1	87.8

<sup>1</sup> The sum of the top 50 airports in earlier years will not be equal to the total since some of the top 50 airports in earlier years are not in the top 50 list in 2008.

<sup>2</sup> Includes Puerto Rico and Guam.

**KEY:** R = revised.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Airport Planning, *Passenger Boarding and All-Cargo Data* (Washington DC: Annual issues), available at [http://www.faa.gov/airports/planning\\_capacity/passenger\\_allcargo\\_stats/](http://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats/) as of Jun. 23, 2011.

**Table 3-10: U.S. Surface Merchandise Trade with Canada and Mexico: 2010<sup>1</sup>**  
**(Millions of current dollars)**

State	Exports to		Imports from	
	Canada	Mexico	Canada	Mexico
Alabama	3,100	939	1,435	713
Alaska	152	6	230	2
Arizona	1,243	4,894	767	5,562
Arkansas	1,314	522	1,295	575
California	12,453	18,233	19,056	29,373
Colorado	1,235	540	3,414	561
Connecticut	1,267	748	2,331	2,412
Delaware	1,216	120	302	58
District of Columbia	4	1	58	22
Florida	3,289	1,473	2,141	2,136
Georgia	4,535	1,625	3,081	3,038
Hawaii	5	2	79	0
Idaho	1,114	162	747	164
Illinois	13,870	3,903	29,268	6,846
Indiana	10,232	2,421	5,793	3,088
Iowa	3,276	1,744	2,831	973
Kansas	2,314	1,237	3,090	738
Kentucky	5,489	1,028	3,527	2,766
Louisiana	1,678	972	1,040	368
Maine	969	26	1,795	44
Maryland	1,362	341	1,498	916
Massachusetts	2,602	1,054	5,290	2,154
Michigan	21,057	7,299	39,626	27,807
Minnesota	4,637	829	8,212	1,704
Mississippi	1,153	467	613	648
Missouri	3,825	1,259	2,128	2,524
Montana	514	79	4,273	8
Nebraska	1,564	1,299	696	365
Nevada	774	149	577	263
New Hampshire	459	1,027	1,235	535
New Jersey	5,536	1,398	4,500	2,629
New Mexico	257	420	188	632
New York	10,257	1,543	18,741	2,264
North Carolina	5,112	1,559	2,875	3,596
North Dakota	1,549	158	1,897	47
Ohio	16,390	3,247	13,435	5,258
Oklahoma	1,784	396	1,428	643
Oregon	2,316	148	2,370	400
Pennsylvania	9,093	2,098	9,757	2,647
Rhode Island	520	126	324	220
South Carolina	3,084	1,140	1,840	1,574
South Dakota	401	339	345	44
Tennessee	6,775	2,897	5,494	3,482
Texas	15,452	59,872	10,468	54,630
Utah	906	441	1,074	1,273
Vermont	1,849	52	2,445	32
Virginia	2,567	711	1,547	453
Washington	5,782	861	12,833	375
West Virginia	1,319	134	964	197
Wisconsin	5,762	1,927	3,688	2,863
Wyoming	236	69	1,424	21
United States, total <sup>2</sup>	224,809	138,929	246,252	181,339

<sup>1</sup> Surface merchandise trade comprises all shipments of goods between the *U.S.* and *Canada* or *Mexico* by surface modes of transport (other than air or maritime vessel).

<sup>2</sup> *United States total* includes trade in which the state is unknown.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Transborder Freight Data*, available at <http://www.bts.gov/programs/international/transborder/> as of Jun. 24, 2011.

**Table 3-11: U.S. Surface Merchandise Imports from Canada and Mexico: 2010  
(Short Tons)**

State	Imports from Canada				Imports from Mexico			
	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)
Alabama	1,017,304	28.7	71.3	Z	187,932	84.2	15.8	<0.05
Alaska	110,831	87.0	12.9	<0.15	648	100.0	Z	Z
Arizona	436,172	35.0	65.0	<0.05	3,289,839	94.9	4.8	<0.35
Arkansas	1,500,584	11.4	16.5	72.1	156,662	89.6	10.4	<0.05
California	5,507,394	32.2	67.6	0.2	6,169,935	93.9	5.1	1.0
Colorado	6,258,666	5.3	6.3	88.3	143,195	64.6	35.4	Z
Connecticut	872,291	63.7	36.2	0.1	334,178	60.7	39.3	Z
Delaware	328,243	47.9	28.3	23.9	12,202	98.1	1.9	Z
District of Columbia	13,503	100.0	0.0	0.0	22,357	100.0	Z	Z
Florida	1,487,954	32.3	67.6	0.1	623,114	72.6	27.3	<0.15
Georgia	2,389,527	58.9	41.1	<0.05	756,375	95.4	4.6	0.0
Hawaii	43,948	99.3	0.7	Z	77	100.0	Z	Z
Idaho	1,704,904	26.6	73	<0.05	16,979	80.4	19.6	Z
Illinois	47,838,116	5.0	12.1	82.9	3,597,177	34.5	65.5	<0.15
Indiana	5,774,013	27.3	51.9	20.8	571,441	83.0	17.0	<0.05
Iowa	2,593,993	22.8	74.8	2.4	220,865	99.9	0.1	Z
Kansas	4,499,510	6.2	8.4	85.4	106,013	81.2	18.7	<0.15
Kentucky	1,802,002	43.1	56.6	0.3	540,568	77.3	22.6	0.1
Louisiana	947,187	11.1	88.9	<0.05	311,641	16.1	25.7	Z
Maine	2,205,771	54.8	30.8	14.4	8,841	97.6	2.4	Z
Maryland	960,795	46.4	52.4	1.2	179,466	83.6	16.4	Z
Massachusetts	2,539,109	62.2	33.7	Z	187,393	98.3	1.7	Z
Michigan	16,726,553	42.4	21.2	36.4	4,211,688	33.6	66.4	<0.05
Minnesota	14,029,433	9.4	24.2	66.4	331,700	69.9	30.1	Z
Mississippi	328,640	41.6	58.4	<0.05	122,500	80.6	4.8	14.6
Missouri	1,490,851	33.1	66.9	0.0	724,817	91.2	8.8	Z
Montana	9,314,597	9.2	2.7	88.1	1,912	100.0	Z	Z
Nebraska	671,046	42.6	57.2	0.2	73,799	84.7	15.3	Z
Nevada	425,313	34.9	65.1	<0.05	69,793	99.8	0.2	Z
New Hampshire	760,516	59.2	40.8	<0.05	21,785	100.0	Z	Z
New Jersey	2,819,574	52.1	47.9	0.0	441,749	78.3	21.7	<0.05
New Mexico	84,388	37.5	62.5	0.0	275,868	94.1	5.9	Z
New York	7,485,022	81.6	18.3	0.1	893,302	92.0	3.5	4.4
North Carolina	2,274,932	29.6	70.4	<0.05	557,235	98.9	1.1	<0.05
North Dakota	3,582,788	48.1	47.4	4.5	4,824	95.1	4.9	Z
Ohio	15,598,485	23.3	16.2	60.5	1,024,641	83.3	16.5	0.1
Oklahoma	1,603,385	8.0	21.1	70.9	221,302	90.1	2.4	7.5
Oregon	4,970,538	16.6	83.4	<0.05	132,591	74.1	25.9	0.0
Pennsylvania	8,896,992	39.5	36.2	24.3	751,890	74.2	25.8	0.0
Rhode Island	170,530	71.1	28.9	Z	17,428	96.8	<3.25	Z
South Carolina	1,346,116	30.3	69.6	0.1	203,129	89.4	3.1	7.6
South Dakota	492,740	49.9	50.1	Z	21,204	72.8	27.2	Z
Tennessee	2,746,631	24.8	75.1	<0.05	616,701	88.3	6.5	5.2
Texas	6,055,458	22.5	63.9	13.6	14,589,151	77.5	20.1	2.5
Utah	525,575	55.8	44.2	0.0	182,007	98.0	2.0	<0.05
Vermont	1,469,183	70.8	29.2	<0.05	6,787	100.0	0.0	Z
Virginia	1,165,819	42.7	51.3	6.0	95,494	94.1	5.9	<0.05
Washington	12,143,966	21.8	18.2	60.0	85,049	84.2	15.8	Z
West Virginia	726,619	31.0	69.0	<0.05	158,142	3.0	97.0	<0.05
Wisconsin	4,049,238	31.3	68.2	0.5	816,520	97.2	2.8	<0.05
Wyoming	2,548,307	3.2	13.6	83.1	4,504	90.9	9.1	0.0
United States, total <sup>2</sup>	215,364,321	24.5	29.7	45.8	44,095,270	74.9	23.4	1.7

<sup>1</sup> Includes pipeline, mail, imports into Foreign Trade Zones, and other imports by modes not elsewhere classified.

<sup>2</sup> The sum of states may not add to U.S. totals, because the totals include imports to unknown destinations.

**KEY:** Z = No activity.

**NOTES:** For "Other" category of Imports from Canada, approximately 97.8 percent of the weight arrives by pipeline. For the category "Other" Imports from Mexico, approximately 55.1 percent of the weight is via pipeline, and approximately 44.7 percent of the weight arrives by Foreign Trade Zones. Data in metric tons can be obtained from the Research and Innovative Technology Administration, Bureau of Transportation Statistics, Transborder Freight Database available at <http://www.bts.gov/programs/international/transborder/> as of June 2011.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, North American Transborder Freight Data, available at <http://www.bts.gov/programs/international/transborder/> as of Jun. 24, 2011.



**Table 3-12: Incoming Truck Crossings, U.S.–Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	11	11	10	9	10	10	9	6
Idaho	50	49	52	58	61	61	58	64
Maine	485	520	504	461	418	376	336	345
Michigan	2,626	2,716	2,737	2,671	2,600	2,297	1,868	2,165
Minnesota	110	103	89	78	75	77	67	74
Montana	156	168	165	168	183	169	145	155
New York	2,001	1,987	1,903	1,865	1,796	1,646	1,398	1,452
North Dakota	330	341	334	349	383	393	363	381
Vermont	314	334	313	307	295	254	216	217
Washington	652	675	678	682	657	612	559	586
United States, total	6,736	6,904	6,784	6,649	6,478	5,895	5,021	5,444

**NOTES:** Data represent the number of truck crossings, not the number of unique vehicles, and include both loaded and unloaded trucks. It does not include privately owned pickup trucks.

The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

The states listed in the table comprise all states with *Incoming Truck Crossings* at U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-13: Incoming Truck Container (Loaded) Crossings, U.S.–Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	9	9	8	7	8	7	7	10
Idaho	47	45	48	53	53	51	50	50
Maine	388	407	396	370	333	272	189	199
Michigan	2,242	2,301	2,315	2,271	2,220	1,958	1,542	1,805
Minnesota	89	85	72	59	48	42	38	40
Montana	141	155	140	149	162	145	119	113
New York	1,770	1,752	1,778	1,733	1,556	1,331	1,118	1,145
North Dakota	295	322	316	286	313	303	262	273
Vermont	260	259	267	276	213	218	195	169
Washington	433	482	479	471	456	370	376	367
United States, total	5,673	5,818	5,819	5,675	5,362	4,698	3,897	4,171

**NOTES:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

The states listed in the table comprise all states with *Incoming Truck Container (loaded) crossings* at U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-14: Incoming Truck Container (Empty) Crossings, U.S.–Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	1	1	1	1	1	1	1	5
Idaho	3	3	3	5	8	9	9	9
Maine	98	103	96	106	103	99	131	145
Michigan	347	360	360	349	342	312	281	288
Minnesota	21	18	18	20	26	34	29	35
Montana	14	10	12	18	18	23	23	26
New York	226	226	216	217	228	309	278	309
North Dakota	34	29	40	67	66	89	103	111
Vermont	25	22	21	24	27	43	41	49
Washington	164	184	189	187	185	165	162	164
United States, total	933	958	956	995	1,004	1,084	1,057	1,140

**NOTES:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

The states listed in the table comprise all states with *Incoming Truck Container (empty) crossings* U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-15: Incoming Train Crossings, U.S.–Canadian Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	264	253	301	307	363	364	318	300
Idaho	934	1,000	1,130	1,283	1,122	1,197	967	1,205
Maine	1,132	1,478	1,287	1,412	1,353	1,172	743	726
Michigan	10,237	9,679	10,349	8,467	8,353	7,531	5,490	6,268
Minnesota	10,452	9,454	8,849	8,953	8,169	8,512	6,556	6,744
Montana	367	413	382	383	432	367	344	373
New York	4,713	4,882	4,771	4,574	3,816	4,071	4,042	3,984
North Dakota	2,182	2,090	2,169	3,040	3,887	3,600	2,887	3,311
Vermont	987	884	802	944	868	878	767	803
Washington	2,869	3,134	2,767	3,163	1,999	2,088	1,920	2,409
United States, total	34,137	33,267	32,807	32,526	30,362	29,780	24,034	26,123

**NOTE:** The states listed in the table comprise all states with *Incoming Train Crossings* U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-16: Incoming Rail Container (Full) Crossings, U.S.–Canadian Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	68,047	71,759	82,294	88,632	87,387	92,915	68,792	89,365
Maine	15,405	22,639	22,885	17,996	16,215	16,666	12,513	15,783
Michigan	560,264	560,211	538,269	493,942	479,025	430,908	325,594	385,873
Minnesota	257,508	273,769	259,227	240,626	226,465	260,601	224,202	267,534
Montana	19,539	30,341	20,148	21,979	24,874	18,528	14,405	16,985
New York	205,573	217,840	226,144	201,448	193,591	168,927	127,635	151,185
North Dakota	137,965	148,605	148,260	184,754	220,574	215,901	164,274	200,168
Vermont	42,030	44,614	42,927	40,330	36,328	34,386	24,665	25,004
Washington	96,057	114,856	117,862	118,684	98,427	74,082	60,852	57,143
United States, total	1,402,388	1,484,634	1,458,016	1,408,391	1,382,886	1,312,914	1,022,932	1,209,040

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with *Incoming Rail Container (full) Crossings* U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-17: Incoming Rail Container (Empty) Crossings, U.S.–Canadian Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	6,452	6,374	6,527	6,902	6,935	7,750	6,338	8,153
Maine	16,438	21,660	22,024	21,439	23,455	18,833	12,005	13,670
Michigan	197,555	191,389	191,831	208,520	234,684	239,853	223,346	219,110
Minnesota	68,124	59,888	63,557	74,640	64,387	74,841	70,969	80,552
Montana	8,637	9,655	9,251	10,165	12,648	13,446	10,712	10,201
New York	52,025	58,272	69,092	56,771	57,183	55,514	49,459	45,577
North Dakota	81,036	76,679	85,063	102,090	120,587	125,778	107,998	122,251
Vermont	10,397	12,150	10,924	10,241	9,708	10,315	8,792	9,177
Washington	25,193	30,208	24,272	24,628	27,403	39,337	40,865	84,528
United States, total	465,857	466,275	482,541	515,396	556,990	585,667	530,484	593,219

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with *Incoming Rail Container (empty) Crossings* U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-18: Incoming Truck Crossings, U.S.–Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	313	323	346	368	370	376	344	373
California	1,020	1,111	1,123	1,131	1,140	1,179	1,027	1,089
New Mexico	33	34	39	42	46	51	66	87
Texas	2,872	3,036	3,168	3,217	3,327	3,260	2,855	3,194
United States, total	4,238	4,504	4,676	4,760	4,883	4,866	4,291	4,743

**NOTES:** Data represent the number of truck crossings, not the number of unique vehicles, and include both loaded and unloaded trucks. Does not include privately owned pickup trucks.

The data for incoming trucks may not be equal to the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-19: Incoming Truck Container (Loaded) Crossings, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	232	241	258	271	277	286	265	291
California	611	660	669	691	702	693	621	678
New Mexico	25	26	29	34	37	37	46	57
Texas	1,731	1,922	2,075	2,050	2,051	1,966	1,797	2,149
United States, total	2,600	2,848	3,031	3,047	3,066	2,982	2,729	3,174

**NOTE:** The data for incoming trucks may not be equal to the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-20: Incoming Truck Container (Empty) Crossings, U.S.–Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	79	79	87	92	92	88	81	85
California	480	476	459	413	438	481	399	410
New Mexico	7	6	10	8	9	13	20	28
Texas	1,128	1,103	1,090	1,180	1,248	1,280	1,051	1,012
United States, total	1,693	1,665	1,646	1,694	1,787	1,862	1,550	1,535

**NOTE:** The data for incoming trucks may not be equal to the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-21: Incoming Train Crossings, U.S.–Mexican Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	457	444	785	653	588	640	563	602
California	509	562	727	814	905	699	506	469
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	6,808	6,838	7,946	8,699	9,155	8,923	6,406	6,596
United States, total	7,774	7,844	9,458	10,166	10,648	10,262	7,475	7,667

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-22: Incoming Rail Container (Full) Crossings, U.S.–Mexican Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	24,602	27,439	28,748	41,821	34,060	31,975	26,735	35,862
California	1,193	1,262	3,918	1,933	2,073	1,654	410	493
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	240,674	277,047	302,945	339,499	329,303	298,949	211,524	281,667
United States, total	266,469	305,748	335,611	383,253	365,436	332,578	238,669	318,022

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-23: Incoming Rail Container (Empty) Crossings, U.S.–Mexican Border: 2003–2010**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	21,083	19,460	18,083	17,994	18,309	23,582	18,097	18,141
California	9,509	13,829	14,395	12,862	13,953	11,991	9,924	9,785
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	310,414	336,268	360,470	389,182	415,813	408,234	307,609	360,119
United States, total	341,006	369,557	392,948	420,038	448,075	443,807	335,630	388,045

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of Jun. 24, 2011.

**Table 3-24: Top 50 U.S. Foreign Trade Freight Gateways: 2009  
(Ranked by value of shipments in billions of dollars)**

Gateway <sup>1</sup>	Mode	Rank	Exports	Imports	Total
Los Angeles, CA	Water	1	26.5	124.8	151.2
New York, NY	Water	2	38.5	110.0	148.5
John F. Kennedy International Airport, NY	Air	3	65.8	61.2	127.0
Long Beach, CA	Water	4	25.8	92.2	118.0
Houston, TX	Water	5	57.5	47.5	105.1
Laredo, TX	Land	6	45.3	49.8	95.1
Chicago, IL	Air	7	31.0	59.8	90.8
Detroit, MI	Land	8	47.7	37.2	85.0
Los Angeles International Airport, CA	Air	9	30.9	32.2	63.1
Buffalo-Niagara Falls, NY	Land	10	33.2	27.8	61.0
Port Huron, MI	Land	11	28.4	30.1	58.5
Savannah, GA	Water	12	18.9	27.9	46.8
New Orleans, LA	Air	13	19.2	25.7	44.9
Charleston, SC	Water	14	16.4	28.4	44.8
Norfolk, VA	Water	15	20.8	23.9	44.7
El Paso, TX	Land	16	17.9	24.4	42.3
San Francisco International Airport, CA	Air	17	21.0	18.8	39.8
Miami International Airport Cargo Facilities, FL	Air	18	27.5	11.7	39.1
Dallas-Fort Worth, TX	Air	19	14.9	20.9	35.8
Anchorage, AK	Air	20	8.4	26.2	34.7
Oakland, CA	Water	21	12.8	21.5	34.3
Seattle, WA	Water	22	8.1	24.8	33.0
Atlanta, GA	Air	23	11.5	20.8	32.3
Baltimore, MD	Water	24	10.7	19.3	30.1
Otay Mesa, CA	Land	25	9.4	19.2	28.6
Cleveland, OH	Air	26	15.7	11.2	26.8
Tacoma, WA	Water	27	5.8	20.9	26.7
New Orleans, LA	Water	28	14.8	11.4	26.3
San Juan International Airport, PR	Air	29	13.7	8.3	21.9
Washington, DC	Air	30	5.8	14.5	20.4
Champlain-Rouses Point, NY	Land	31	7.9	11.3	19.2
Hidalgo, TX	Land	32	8.5	10.6	19.1
Miami, FL	Water	33	8.8	10.1	18.9
Corpus Christie, TX	Water	34	4.1	14.1	18.3
Nogales, AZ	Land	35	5.9	10.3	16.2
Port Everglades, FL	Water	36	9.8	6.3	16.1
Beaumont, TX	Water	37	2.3	13.5	15.8
Pembina, ND	Land	38	8.7	6.6	15.3
Gramercy, LA	Water	39	8.9	5.8	14.7
Philadelphia, PA	Water	40	2.1	12.5	14.6
Blaine, WA	Land	41	9.1	5.5	14.6
Texas City, TX	Water	42	2.3	11.3	13.5
Jacksonville, FL	Water	43	6.0	7.5	13.4
Houston Intercontinental Airport, TX	Air	44	7.2	5.5	12.7
Eagle Pass, TX	Land	45	4.6	7.9	12.5
Newark, NJ	Air	46	4.1	8.3	12.4
Seattle-Tacoma International Airport, WA	Air	47	7.8	4.2	12.0
Philadelphia International Airport, PA	Air	48	4.7	7.2	11.9
Portal, ND	Land	49	7.3	4.5	11.7
Logan Airport, MA	Air	50	6.4	4.1	10.5
<b>Total top 50 gateways</b>			<b>830.6</b>	<b>1,219.4</b>	<b>2,050.0</b>

<sup>1</sup> Gateway means any port, airport, or border crossing that provides access for the import or export of goods.

**NOTES: All data:** Trade levels reflect the mode of transportation as a shipment enters or exits at a border port. Flows through individual ports are based on reported data collected from U.S. trade documents. Trade does not include low-value shipments. (In general, these are imports valued at less than \$1,250 and exports that are valued at less than \$2,500). **Air:** Data for all air gateways include a low level (generally less than 2%-3% of the total value) of small user-fee airports located in the same region. Air gateways not identified by airport name (e.g., Chicago, IL, and others) include major airport(s) in that geographic area in addition to small regional airports. In addition, due to U.S. Census Bureau confidentiality regulations, data for courier operations are included in the airport totals for JFK International Airport, New Orleans, Los Angeles, Cleveland, Chicago, Miami, and Anchorage.

**SOURCES: Air:** U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Division, special tabulation, Jul. 22, 2011; **Water:** U.S. Army Corps of Engineers, Navigation Data Center, special tabulation, Jul. 22, 2011; **Land:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Transborder Freight Data*, Jul. 22, 2011.

# Section D

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## Passenger Travel



**Table 4-1: Commuting to Work: 2009**

State	Number of workers	Percent						Mean travel time to work (minutes)
		Car, truck, or van- drove alone	Car, truck, or van- carpooled	Public transportation (excluding taxicab)	Walked	Taxicab, motorcycle, bicycle or other means	Worked at home	
Alabama	1,959,883	84.4	10.3	0.4	1.3	1.0	2.5	23.6
Alaska	334,556	68.2	13.3	1.4	8.0	4.5	4.6	17.7
Arizona	2,752,205	75.9	11.8	2.1	2.4	2.7	5.2	24.3
Arkansas	1,222,789	81.1	11.6	0.4	1.9	1.6	3.5	21.1
California	16,145,601	73.0	11.6	5.2	2.8	2.3	5.2	26.6
Colorado	2,465,357	74.3	10.1	3.3	3.0	2.6	6.7	24.5
Connecticut	1,708,011	78.9	8.4	4.5	2.9	1.2	4.1	24.3
Delaware	412,892	80.5	8.9	3.8	2.4	1.2	3.3	23.6
District of Columbia	291,083	36.5	6.7	37.1	11.1	3.5	5.2	29.2
Florida	7,892,572	79.3	10.4	1.9	1.5	2.2	4.8	25.4
Georgia	4,289,657	78.4	11.0	2.5	1.7	1.7	4.8	26.9
Hawaii	638,154	67.7	14.0	6.0	4.5	3.2	4.5	25.5
Idaho	674,773	77.5	11.0	1.0	2.6	2.8	5.1	19.8
Illinois	5,918,382	73.5	9.0	8.8	3.2	1.7	3.9	28.0
Indiana	2,875,125	83.0	9.2	1.1	2.2	1.2	3.3	22.9
Iowa	1,525,678	78.9	9.8	1.2	4.0	1.2	4.9	18.5
Kansas	1,368,759	81.2	9.5	0.4	2.8	1.8	4.3	18.5
Kentucky	1,825,471	81.5	10.6	1.2	2.4	1.2	3.1	22.6
Louisiana	1,961,548	81.8	10.6	1.3	2.0	1.9	2.5	24.7
Maine	636,449	78.3	10.1	0.7	4.2	1.5	5.3	22.9
Maryland	2,840,465	73.4	10.0	8.8	2.6	1.1	4.1	31.3
Massachusetts	3,231,739	71.9	8.2	9.4	4.7	1.6	4.2	27.3
Michigan	4,136,395	82.6	9.0	1.3	2.4	1.2	3.6	23.7
Minnesota	2,657,698	78.0	9.2	3.4	2.9	1.5	4.9	22.5
Mississippi	1,186,525	83.5	10.7	0.4	1.7	1.1	2.6	23.6
Missouri	2,751,847	81.0	10.0	1.5	2.0	1.3	4.3	23.2
Montana	457,865	75.3	9.8	0.8	5.4	2.8	5.9	16.8
Nebraska	920,601	80.4	10.2	0.6	3.3	1.1	4.4	17.9
Nevada	1,202,588	79.2	10.3	3.1	2.1	1.8	3.4	23.1
New Hampshire	678,576	82.2	8.0	0.6	2.8	1.1	5.2	25.7
New Jersey	4,098,665	71.4	8.7	10.6	3.4	2.0	4.0	29.8
New Mexico	862,556	77.9	11.5	1.1	2.4	1.8	5.2	21.6
New York	8,906,053	54.0	7.4	26.6	6.4	1.7	3.9	31.4
North Carolina	4,152,303	80.8	10.7	1.0	2.0	1.1	4.4	23.2
North Dakota	345,194	78.5	10.6	0.3	3.6	1.3	5.7	16.6
Ohio	5,165,708	83.0	8.4	1.8	2.3	0.9	3.6	22.8
Oklahoma	1,645,352	82.0	11.0	0.4	1.9	1.4	3.4	20.5
Oregon	1,705,433	72.0	10.4	4.1	3.9	3.3	6.4	22.1
Pennsylvania	5,749,703	76.8	9.0	5.3	4.0	1.3	3.7	25.4
Rhode Island	501,342	80.3	9.0	2.8	3.2	1.2	3.6	23.2
South Carolina	1,961,234	82.0	10.0	0.6	1.9	1.5	3.9	23.2
South Dakota	412,997	77.3	10.2	0.5	4.3	1.7	6.0	16.7
Tennessee	2,720,140	83.4	9.8	0.8	1.4	1.1	3.4	24.0
Texas	11,074,127	79.6	11.4	1.6	1.7	1.9	3.8	24.6
Utah	1,258,095	76.1	11.7	2.4	2.9	2.0	4.8	21.0
Vermont	316,524	74.8	10.0	0.9	5.4	1.7	7.2	21.9
Virginia	3,822,714	77.5	10.4	4.4	2.2	1.3	4.1	27.2
Washington	3,093,139	72.1	11.3	5.9	3.4	2.1	5.3	25.4
West Virginia	744,918	81.7	10.3	0.9	2.8	1.0	3.4	25.1
Wisconsin	2,815,316	79.8	9.2	1.9	3.4	1.6	4.1	21.2
Wyoming	277,047	77.2	10.9	1.4	3.4	1.9	5.2	18.0
United States, total	138,591,804	76.1	10.0	5.0	2.9	1.7	4.3	25.1

**NOTES:** Data are for workers age 16 years and over. The state designation of workers is based on their residence.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2009 American Community Survey 1-Year Estimate*, available at <http://www.census.gov/acs/www/> as of Jun. 27, 2011.



**Table 4-2: Licensed Drivers: 2009**

State	Number of licensed drivers <sup>1</sup>	Licensed drivers per registered vehicle	Resident population	Driving age population (16 and over)	Drivers per 1,000 total resident population	Drivers per 1,000 driving age population <sup>2</sup>
Alabama	3,782,284	0.83	4,708,708	3,710,688	803	1,019
Alaska <sup>3</sup>	507,759	0.75	698,473	536,174	727	947
Arizona	4,403,390	1.02	6,595,778	5,046,993	668	872
Arkansas <sup>3</sup>	2,065,065	1.03	2,889,450	2,259,240	715	914
California	23,680,643	0.70	36,961,664	28,608,253	641	828
Colorado	3,704,561	2.67	5,024,748	3,929,701	737	943
Connecticut	2,916,143	0.96	3,518,288	2,808,915	829	1,038
Delaware	699,745	0.84	885,122	702,011	791	997
District of Columbia <sup>3</sup>	376,086	1.83	599,657	498,636	627	754
Florida	14,005,066	0.94	18,537,969	14,947,282	755	937
Georgia	6,315,035	0.75	9,829,211	7,527,638	642	839
Hawaii	889,918	1.01	1,295,178	1,036,890	687	858
Idaho	1,055,269	0.78	1,545,801	1,171,831	683	901
Illinois <sup>3</sup>	8,301,118	0.85	12,910,409	10,095,276	643	822
Indiana <sup>4</sup>	5,550,469	0.97	6,423,113	5,015,383	864	1,107
Iowa	2,145,333	0.65	3,007,856	2,377,944	713	902
Kansas	2,045,426	0.85	2,818,747	2,192,276	726	933
Kentucky	2,939,423	0.83	4,314,113	3,416,516	681	860
Louisiana	3,086,004	0.78	4,492,076	3,497,824	687	882
Maine <sup>3</sup>	1,013,533	0.98	1,318,301	1,082,491	769	936
Maryland	3,904,685	0.88	5,699,478	4,507,282	685	866
Massachusetts	4,629,636	0.89	6,593,587	5,333,882	702	868
Michigan	7,082,820	0.91	9,969,727	7,910,816	710	895
Minnesota	3,245,441	0.68	5,266,214	4,150,250	616	782
Mississippi	1,930,603	0.97	2,951,996	2,272,301	654	850
Missouri	4,217,910	0.87	5,987,580	4,724,148	704	893
Montana	737,964	0.82	974,989	781,915	757	944
Nebraska	1,349,295	0.77	1,796,619	1,395,159	751	967
Nevada	1,690,431	1.23	2,643,085	2,034,243	640	831
New Hampshire	1,034,329	0.87	1,324,575	1,072,137	781	965
New Jersey	5,923,538	0.99	8,707,739	6,901,096	680	858
New Mexico	1,377,983	0.87	2,009,671	1,556,224	686	885
New York	11,329,488	1.03	19,541,453	15,651,919	580	724
North Carolina	6,504,269	1.10	9,380,884	7,352,608	693	885
North Dakota	476,561	0.67	646,844	519,895	737	917
Ohio	7,937,498	0.73	11,542,645	9,152,277	688	867
Oklahoma	2,320,985	0.70	3,687,050	2,870,430	629	809
Oregon	2,841,972	0.96	3,825,657	3,053,335	743	931
Pennsylvania	8,687,206	0.89	12,604,767	10,174,216	689	854
Rhode Island	746,032	0.96	1,053,209	854,728	708	873
South Carolina	3,268,498	0.92	4,561,242	3,605,269	717	907
South Dakota	602,165	0.67	812,383	635,614	741	947
Tennessee	4,476,539	0.89	6,296,254	4,972,832	711	900
Texas <sup>4</sup>	15,374,063	0.87	24,782,302	18,605,198	620	826
Utah	1,720,015	0.71	2,784,572	2,000,455	618	860
Vermont	506,977	0.93	621,760	512,198	815	990
Virginia	5,347,745	0.86	7,882,590	6,243,860	678	856
Washington	5,026,521	0.91	6,664,195	5,276,359	754	953
West Virginia	1,328,992	0.97	1,819,777	1,479,369	730	898
Wisconsin	4,105,142	0.85	5,654,774	4,500,903	726	912
Wyoming	410,813	0.65	544,270	427,081	755	962
United States, total	209,618,386	0.87	307,006,550	240,989,961	683	870

<sup>1</sup> Includes restricted drivers and graduated driver licenses.

<sup>2</sup> Some states report more licensed drivers than residents of driving age. This may occur for several reasons: 1) the records of expired licenses, drivers who have moved out of state, and people who have died are only periodically purged from a state's drivers license database; 2) some drivers fraudulently obtain a license in more than one state; and 3) some drivers obtain a license in a state other than that in which they are a legal resident.

<sup>3</sup> Age segregation may be estimated.

<sup>4</sup> State did not provide current data. Table displays 2008 data.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2011), table DL-1C, available at <http://www.fhwa.dot.gov/policyinformation/> as of Jun. 27, 2011.

**Table 4-3: Transit Ridership in the 50 Largest Urbanized Areas: 2008 and 2009**

Urbanized area	Population (2000)	Rank by population	Annual Unlinked passenger trips (thousands)		Percent in 2009					Percent in 2008				
			2009	2008	Motor bus	Heavy rail	Light rail	Commuter rail	Other	Motor bus	Heavy rail	Light rail	Commuter rail	Other
New York-Newark, NY-NJ-CT	17,799,861	1	4,011,536	4,147,176	31.1	60.9	0.5	6.5	1.0	30.9	61.2	0.5	6.4	0.9
Los Angeles-Long Beach-Santa Ana, CA	11,789,487	2	673,418	713,763	83.1	7.0	6.7	1.6	1.5	84.3	6.4	6.3	1.7	1.3
Chicago, IL-IN	8,307,904	3	632,972	650,267	55.2	32.0	0.0	11.9	0.9	56.1	30.5	0.0	12.5	0.9
Philadelphia, PA-NJ-DE-MD	5,149,079	4	340,245	350,687	48.8	30.1	8.5	10.3	2.3	49.6	28.9	9.3	10.5	1.8
Miami, FL	4,919,036	5	156,144	171,410	78.6	11.4	0.0	2.4	7.6	79.2	11.2	0.0	2.5	7.2
Dallas-Fort Worth-Arlington, TX	4,145,659	6	72,267	77,348	65.0	0.0	26.1	3.7	5.2	66.8	0.0	25.6	3.6	3.9
Boston, MA-NH-RI	4,032,484	7	379,220	392,785	30.1	38.4	19.5	10.1	1.9	29.3	38.3	20.5	10.1	1.9
Washington, DC-VA-MD	3,933,920	8	486,522	489,428	38.3	60.3	0.0	0.8	0.6	39.2	59.6	0.0	0.8	0.4
Detroit, MI	3,903,377	9	53,419	54,826	94.0	0.0	0.0	0.0	6.0	94.3	0.0	0.0	0.0	5.7
Houston, TX	3,822,509	10	85,673	96,583	81.9	0.0	13.3	0.0	4.9	84.2	0.0	12.1	0.0	3.8
Atlanta, GA	3,499,840	11	162,151	171,023	49.9	48.8	0.0	0.0	1.3	48.6	50.3	0.0	0.0	1.1
San Francisco-Oakland, CA	3,228,605	12	447,296	444,456	41.4	24.7	11.7	2.7	19.5	41.9	26.4	10.4	2.9	18.5
Phoenix-Mesa, AZ	2,907,049	13	73,266	66,840	81.5	0.0	15.5	0.0	3.0	97.9	0.0	0.0	0.0	2.1
Seattle, WA	2,712,205	14	188,380	193,197	69.4	0.0	2.0	1.3	27.2	69.5	0.0	0.7	1.4	28.5
San Diego, CA	2,674,436	15	96,624	104,188	63.1	0.0	34.6	1.4	0.9	61.0	0.0	36.3	1.6	1.0
Minneapolis-St. Paul, MN	2,388,593	16	89,160	93,279	86.4	0.0	11.1	0.1	2.4	86.7	0.0	11.0	0.0	2.3
St. Louis, MO-IL	2,077,662	17	49,996	61,269	61.6	0.0	36.3	0.0	2.2	61.1	0.0	37.0	0.0	1.9
Baltimore, MD	2,076,354	18	120,925	117,033	73.8	10.9	7.4	6.7	1.2	73.3	11.8	6.9	6.9	1.1
Tampa-St. Petersburg, FL	2,062,339	19	25,803	28,140	96.3	0.0	1.8	0.0	1.9	96.7	0.0	1.6	0.0	1.7
Denver-Aurora, CO	1,984,889	20	98,733	103,452	78.4	0.0	20.0	0.0	1.6	79.0	0.0	19.9	0.0	1.0
Cleveland, OH	1,786,647	21	47,816	62,614	81.1	10.8	6.5	0.0	1.7	79.4	12.6	6.6	0.0	1.4
Pittsburgh, PA	1,753,136	22	69,255	70,201	85.1	0.0	10.3	0.0	4.6	85.0	0.0	10.4	0.0	4.6
Portland, OR-WA	1,583,138	23	106,867	110,706	64.8	0.0	33.7	0.3	1.3	66.4	0.0	32.3	0.0	1.2
San Jose, CA	1,538,312	24	44,360	46,651	74.9	0.0	22.8	0.0	2.3	74.6	0.0	23.1	0.0	2.3
Riverside-San Bernardino, CA	1,506,816	25	23,573	23,914	95.6	0.0	0.0	0.0	4.4	95.8	0.0	0.0	0.0	4.2
Cincinnati, OH-KY-IN	1,503,262	26	22,899	25,654	98.0	0.0	0.0	0.0	2.0	98.2	0.0	0.0	0.0	1.8
Virginia Beach, VA	1,394,439	27	18,682	25,110	96.0	0.0	0.0	0.0	4.0	96.7	0.0	0.0	0.0	3.3
Sacramento, CA	1,393,498	28	39,090	40,134	55.9	0.0	42.9	0.0	1.2	56.8	0.0	42.0	0.0	1.2
Kansas City, MO-KS	1,361,744	29	16,157	17,821	96.1	0.0	0.0	0.0	3.9	96.2	0.0	0.0	0.0	3.8
San Antonio, TX	1,327,554	30	43,122	47,053	97.3	0.0	0.0	0.0	2.7	97.4	0.0	0.0	0.0	2.6
Las Vegas, NV	1,314,357	31	59,108	75,968	98.3	0.0	0.0	0.0	1.7	88.6	0.0	0.0	0.0	11.4
Milwaukee, WI	1,308,913	32	49,176	53,692	97.2	0.0	0.0	0.0	2.8	97.5	0.0	0.0	0.0	2.5
Indianapolis, IN	1,218,919	33	8,458	9,934	97.1	0.0	0.0	0.0	2.9	96.7	0.0	0.0	0.0	3.3
Providence, RI-MA	1,174,548	34	18,873	22,416	95.8	0.0	0.0	0.0	4.2	96.2	0.0	0.0	0.0	3.8
Orlando, FL	1,157,431	35	24,214	26,898	96.5	0.0	0.0	0.0	3.5	97.0	0.0	0.0	0.0	3.0
Columbus, OH	1,133,193	36	16,872	16,630	98.6	0.0	0.0	0.0	1.4	98.8	0.0	0.0	0.0	1.2
New Orleans, LA	1,009,283	37	15,590	15,520	55.3	0.0	30.2	0.0	14.5	55.4	0.0	30.3	0.0	14.3
Buffalo, NY	976,703	38	26,217	28,371	75.6	0.0	23.9	0.0	0.5	75.4	0.0	24.2	0.0	0.4
Memphis, TN-MS-AR	972,091	39	11,596	11,730	88.0	0.0	10.0	0.0	2.0	88.8	0.0	9.0	0.0	2.2
Austin, TX	901,920	40	34,214	38,152	97.0	0.0	0.0	0.0	3.0	97.2	0.0	0.0	0.0	2.8
Bridgeport-Stamford, CT-NY	888,890	41	10,945	11,291	96.1	0.0	0.0	0.0	3.9	96.9	0.0	0.0	0.0	3.1
Salt Lake City, UT	887,650	42	37,966	39,523	56.9	0.0	34.7	3.5	4.9	55.9	0.0	35.3	3.5	5.3
Jacksonville, FL	882,295	43	10,937	11,346	92.9	0.0	0.0	0.0	7.1	92.4	0.0	0.0	0.0	7.6
Louisville, KY-IN	863,582	44	14,202	15,912	99.0	0.0	0.0	0.0	1.0	99.1	0.0	0.0	0.0	0.9
Hartford, CT	851,535	45	18,311	17,407	89.3	0.0	0.0	3.1	7.6	89.4	0.0	0.0	3.1	7.5
Richmond, VA	818,836	46	13,183	15,020	95.4	0.0	0.0	0.0	4.6	96.4	0.0	0.0	0.0	3.6
Charlotte, NC-SC	758,927	47	24,245	26,285	78.5	0.0	19.6	0.0	2.0	79.1	0.0	19.0	0.0	1.9
Nashville-Davidson, TN	749,935	48	8,722	9,720	91.2	0.0	0.0	2.1	6.7	94.7	0.0	0.0	2.0	3.4
Oklahoma City, OK	747,003	49	2,754	2,721	97.8	0.0	0.0	0.0	2.2	97.6	0.0	0.0	0.0	2.4
Tucson, AZ	720,425	50	21,355	21,533	97.7	0.0	0.0	0.0	2.3	97.7	0.0	0.0	0.0	2.3
<b>Top 50 urbanized area, total</b>	<b>127,900,270</b>		<b>9,100,507</b>	<b>9,467,077</b>	<b>48.9</b>	<b>38.0</b>	<b>5.1</b>	<b>5.0</b>	<b>3.0</b>	<b>49.5</b>	<b>37.7</b>	<b>4.9</b>	<b>5.0</b>	<b>2.9</b>
<b>United States, urbanized area total<sup>1</sup></b>	<b>193,134,710</b>		<b>9,871,126</b>	<b>10,246,223</b>	<b>52.4</b>	<b>35.1</b>	<b>4.7</b>	<b>4.7</b>	<b>3.2</b>	<b>52.9</b>	<b>34.8</b>	<b>4.5</b>	<b>4.7</b>	<b>3.1</b>
<b>Top 50 as percent of U.S. total</b>	<b>66.2</b>		<b>92.2</b>	<b>92.4</b>	<b>86.0</b>	<b>100.0</b>	<b>100.0</b>	<b>99.5</b>	<b>86.5</b>	<b>86.5</b>	<b>100.0</b>	<b>100.0</b>	<b>99.7</b>	<b>86.0</b>

<sup>1</sup> Excludes territories (Puerto Rico, Virgin Islands and Saipan).

**NOTES:** This table includes data from urban transit agencies that are required to report information to the federal government because they applied for or are direct beneficiaries of urbanized area formula grants (49 USC 5307). Transit agencies with nine or fewer vehicles that would otherwise need to report under this definition typically receive a waiver from detailed reporting and, thus, are not necessarily included in the source database. Details may not add to totals due to rounding.

2008 data are revised.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database, Monthly Database*, available at <http://www.ntdprogram.gov/ntdprogram/data.htm> as of Jun. 28, 2011.

**Table 4-4: Urban Transit Ridership by State and Transit Mode: 2009**

State	Number of agencies reporting	Annual unlinked passenger trips (thousands)	Percent				
			Motor bus	Heavy rail	Light rail	Commuter rail	Other
Alabama	10	6,958	82.4	0.0	0.0	0.0	17.6
Alaska	4	5,078	89.4	0.0	0.0	0.0	10.6
Arizona	13	101,766	91.7	0.0	5.5	0.0	2.8
Arkansas	4	4,285	94.4	0.0	2.8	0.0	2.8
California	83	1,467,343	68.9	11.0	11.2	1.8	7.1
Colorado	9	106,442	79.6	0.0	18.6	0.0	1.8
Connecticut	17	42,016	93.2	0.0	0.0	1.4	5.3
Delaware	1	10,047	91.0	0.0	0.0	0.0	9.0
District of Columbia	1	435,859	31.4	68.1	0.0	0.0	0.5
Florida	32	255,995	84.4	7.1	0.2	1.6	6.6
Georgia	17	188,352	54.4	44.3	0.0	0.0	1.3
Hawaii	2	78,940	98.0	0.0	0.0	0.0	2.0
Idaho	4	2,557	90.6	0.0	0.0	0.0	9.4
Illinois	15	654,455	57.0	31.0	0.0	11.0	1.1
Indiana	21	30,735	84.1	0.0	0.0	12.6	3.2
Iowa	11	21,337	95.6	0.0	0.0	0.0	4.4
Kansas	5	5,723	89.5	0.0	0.0	0.0	10.5
Kentucky	3	25,934	97.5	0.0	0.0	0.0	2.5
Louisiana	8	30,003	74.1	0.0	17.8	0.0	8.1
Maine	6	4,006	62.6	0.0	0.0	11.8	25.7
Maryland	12	162,581	79.9	8.3	5.4	5.0	1.4
Massachusetts	13	395,727	32.1	37.6	17.9	10.3	2.2
Michigan	21	101,758	93.7	0.0	0.0	0.0	6.3
Minnesota	7	97,226	87.4	0.0	10.1	0.1	2.4
Mississippi	2	1,385	87.2	0.0	0.0	0.0	12.8
Missouri	6	72,799	71.6	0.0	26.7	0.0	1.8
Montana	4	2,319	95.4	0.0	0.0	0.0	4.6
Nebraska	2	5,906	97.7	0.0	0.0	0.0	2.3
Nevada	2	75,814	98.3	0.0	0.0	0.0	1.7
New Hampshire	4	2,496	98.3	0.0	0.0	0.0	1.7
New Jersey	15	416,468	50.5	21.6	5.4	20.1	2.4
New Mexico	4	13,588	89.8	0.0	0.0	8.0	2.2
New York	42	3,697,025	30.2	64.0	0.2	4.8	0.8
North Carolina	16	61,601	89.6	0.0	5.8	0.0	4.6
North Dakota	3	2,172	86.7	0.0	0.0	0.0	13.3
Ohio	24	117,110	88.9	3.8	2.0	0.0	5.2
Oklahoma	4	7,414	95.3	0.0	0.0	0.0	4.7
Oregon	8	128,217	67.7	0.0	30.7	0.1	1.5
Pennsylvania	24	454,434	60.2	20.9	8.1	8.0	2.8
Rhode Island	2	20,562	97.1	0.0	0.0	0.0	2.9
South Carolina	8	8,566	92.7	0.0	0.0	0.0	7.3
South Dakota	2	1,357	85.3	0.0	0.0	0.0	14.7
Tennessee	12	31,672	90.8	0.0	3.5	0.6	5.1
Texas	32	281,113	84.1	0.0	10.9	1.0	4.0
Utah	2	39,037	57.5	0.0	34.3	3.4	4.8
Vermont	1	2,552	98.5	0.0	0.0	0.0	1.5
Virginia	20	71,595	91.9	0.0	0.0	5.4	2.7
Washington	19	232,648	73.0	0.0	1.7	1.1	24.3
West Virginia	4	4,915	98.4	0.0	0.0	0.0	1.6
Wisconsin	17	74,797	96.6	0.0	0.1	0.0	3.3
Wyoming	2	453	82.7	0.0	0.0	0.0	17.3
United States, total <sup>1</sup>	600	10,063,138	53.0	34.6	4.6	4.6	3.1

<sup>1</sup> Excludes Puerto Rico.

**NOTES:** This table includes data from urban transit agencies that are required to report information to the federal government because they applied for or are direct beneficiaries of urbanized area formula grants (49 USC 5307). Transit agencies with nine or fewer vehicles that would otherwise need to report under this definition typically receive a waiver from detailed reporting and, thus, are not necessarily included in the source database. Data are assigned to the state of a transit agency's mailing address. Percentages may not add to 100 due to rounding. Ridership data may not add to national total due to rounding.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database, Annual Data Tables*, table 19, available at <http://www.ntdprogram.gov/ntdprogram/> as of Jun. 28, 2011.

**Table 4-5: Top 50 Amtrak Stations by Number of Passengers Handled<sup>1</sup>: 2009 and 2010**

Station	Fiscal Year 2009		Fiscal Year 2010	
	Rank	Number of passengers	Rank	Number of passengers
New York City (Penn Station), NY	1	7,832,874	1	8,377,944
Washington, DC	2	4,278,930	2	4,572,878
Philadelphia 30th St., PA	3	3,675,761	3	3,787,331
Chicago, IL	4	3,080,564	4	3,288,054
Los Angeles, CA	5	1,475,920	5	1,517,342
Boston-South Station, MA	6	1,287,615	6	1,311,205
Sacramento, CA	7	1,109,351	7	1,107,220
Baltimore, MD	8	932,827	8	926,245
Albany-Rensselaer, NY	10	723,913	9	737,259
New Haven, CT	12	661,656	10	723,287
San Diego, CA	9	731,394	11	715,043
Wilmington, DE	11	664,429	12	696,979
Seattle, WA	17	615,735	13	677,953
Portland, OR	15	618,131	14	672,608
Newark, NJ	13	630,939	15	658,089
BWI Thurgood Marshall Airport, MD	16	617,349	16	654,151
Irvine, CA	14	629,748	17	630,190
Providence, RI	18	582,296	18	602,474
Milwaukee, WI	19	553,475	19	588,617
Harrisburg, PA	20	539,167	20	547,257
Emeryville, CA	21	520,969	21	529,965
Lancaster, PA	22	492,629	22	514,971
Boston-Back Bay, MA	28	398,240	23	445,074
Trenton, NJ	25	411,869	24	420,533
Boston-North Station, MA	27	403,203	25	418,993
Bakersfield, CA	29	395,254	26	413,172
Fullerton, CA	24	417,649	27	411,489
Martinez, CA	30	394,814	28	410,968
Davis, CA	23	434,779	29	409,611
Solana Beach, CA	26	411,687	30	408,060
Route 128 (Boston), MA	32	366,649	31	394,674
Metropark, NJ	31	369,477	32	388,371
Stamford, CT	34	337,674	33	355,232
Oakland, CA	33	347,538	34	355,128
Fresno, CA	36	334,966	35	352,737
Anaheim, CA	35	335,562	36	331,666
St. Louis, MO	39	278,778	37	321,629
Santa Barbara, CA	40	262,774	38	295,079
Oceanside, CA	37	303,546	39	293,012
Richmond, CA	38	282,357	40	271,486
Richmond - Staples Mill, VA	41	256,006	41	266,343
Sanford, FL (Auto-Train)	42	232,955	42	244,252
Lorton, VA (Auto-Train)	43	232,955	42	244,252
Stockton (San Joaquin St.), CA	45	223,268	44	238,868
San Juan Capistrano, CA	44	224,924	45	223,580
Bloomington/Normal, IL	47	192,682	46	209,629
San Jose, CA	46	206,971	47	202,512
New Orleans, LA	55	157,574	48	200,249
Springfield, IL	50	170,550	49	190,172
Hanford, CA	48	182,446	50	187,865
Top 50 stations, total		40,844,589		42,741,698
United States, all stations		54,126,339		57,146,162
Top 50 stations as percent of U.S. total		75.5		74.8

<sup>1</sup> Includes the number of boarding and alighting passengers (on & off the train).

**NOTES:** Amtrak's fiscal year ends on September 30. The ranking is based on the 2010 data. The total for the top 50 stations in 2009 is not the sum of details in this table since some of the 2009 top 50 stations are not in the top 50 list in 2010.

**SOURCE:** National Passenger Railroad Corporation (Amtrak), News & Media, *State Fact Sheets*, available at <http://www.amtrak.com/servlet/ContentServer?c=Page&pagename=am%2FLayout&cid=1246041980432> as of Jun. 29, 2011.

**Table 4-6: Top 50 Airports by Passengers Enplaned on U.S. Carriers: 2000, 2009, and 2010**

Airport	Rank in 2010	Number of enplanements		
		2000	2009	2010
Atlanta, GA (Hartsfield-Jackson Atlanta International)	1	38,261,889	41,853,423	42,655,281
Chicago, IL (Chicago O'Hare International)	2	30,891,491	28,994,466	30,032,999
Dallas, TX (Dallas/Fort Worth International)	3	27,877,375	26,325,929	26,785,739
Denver, CO (Denver International)	4	17,670,668	23,675,155	24,943,782
Los Angeles, CA (Los Angeles International)	5	25,130,701	21,668,475	22,860,849
Houston, TX (George Bush Intercontinental)	6	15,816,729	18,607,300	18,725,606
Phoenix, AZ (Phoenix Sky Harbor International)	7	17,246,090	18,323,861	18,657,891
Charlotte, NC (Charlotte Douglas International)	8	10,377,923	17,074,034	18,536,486
Las Vegas, NV (McCarran International)	9	16,861,253	18,308,371	17,851,831
San Francisco, CA (San Francisco International)	10	16,704,265	15,994,876	16,750,524
New York, NY (John F. Kennedy International)	11	10,652,524	16,185,791	16,389,094
Orlando, FL (Orlando International)	12	13,519,913	15,058,630	15,727,450
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	13	16,874,171	15,499,949	15,470,634
Detroit, MI (Detroit Metropolitan Wayne County)	14	16,946,573	15,042,151	15,441,521
Newark, NJ (Newark Liberty International)	15	15,217,531	15,208,723	14,926,590
Seattle, WA (Seattle-Tacoma International)	16	13,318,897	14,713,559	14,838,526
Philadelphia, PA (Philadelphia International)	17	10,976,843	14,714,265	14,703,261
Miami, FL (Miami International)	18	12,668,592	13,389,575	14,004,431
Boston, MA (General Edward Lawrence Logan International)	19	11,593,115	11,369,552	12,282,374
New York, NY (LaGuardia)	20	11,444,925	10,737,673	11,634,035
Baltimore, MD (Baltimore/Washington International Thurgood Marshall)	21	8,981,718	10,228,317	10,754,009
Fort Lauderdale, FL (Fort Lauderdale-Hollywood International)	22	7,141,813	9,568,333	10,036,210
Salt Lake City, UT (Salt Lake International)	23	8,702,776	9,901,719	9,910,173
Washington, DC (Dulles International)	24	6,657,147	9,713,816	9,817,023
Washington, DC (Ronald Reagan Washington National)	25	6,987,151	8,400,331	8,616,778
Chicago, IL (Chicago Midway)	26	6,972,213	8,223,625	8,469,677
San Diego, CA (San Diego International)	27	7,635,691	8,376,423	8,347,443
Tampa, FL (Tampa International)	28	7,436,271	8,079,045	7,949,335
Honolulu, HI (Honolulu International)	29	8,716,838	7,570,826	7,484,065
Portland, OR (Portland International)	30	6,561,938	6,351,480	6,517,305
St. Louis, MO (Lambert-St Louis International)	31	15,109,940	6,069,458	6,013,884
Kansas City, MO (Kansas City International)	32	5,750,814	4,884,891	4,936,706
Memphis, TN (Memphis International)	33	4,993,371	5,047,549	4,923,995
Milwaukee, WI (General Mitchell Field)	34	2,838,410	3,807,903	4,753,499
Cleveland, OH (Hopkins International)	35	6,154,662	4,693,669	4,573,353
Oakland, CA (Oakland International)	36	5,127,743	4,569,637	4,566,953
Raleigh, NC (Raleigh-Durham International)	37	4,839,624	4,407,859	4,434,515
Nashville, TN (Nashville International)	38	4,365,803	4,368,786	4,411,360
Sacramento, CA (Sacramento International)	39	3,873,376	4,406,386	4,391,998
Houston, TX (William P. Hobby)	40	4,322,108	4,084,737	4,357,456
Santa Ana, CA (John Wayne-Orange County)	41	3,828,335	4,310,909	4,267,217
Austin, TX (Austin-Bergstrom International)	42	3,637,473	4,013,002	4,200,766
San Juan, PR (Luis Munoz Marin International)	43	4,836,389	3,979,783	4,151,370
New Orleans, LA (Louis Armstrong International)	44	4,826,470	3,911,524	4,081,146
San Jose, CA (Norman Y. Mineta San Jose International)	45	6,045,141	4,042,974	3,992,074
Pittsburgh, PA (Pittsburgh International)	46	8,654,063	3,941,423	3,973,337
Cincinnati, OH (Cincinnati/ Northern Kentucky International)	47	9,968,723	5,192,501	3,867,503
San Antonio, TX (San Antonio International)	48	3,475,444	3,731,117	3,857,044
Dallas, TX (Dallas Love Field)	49	3,594,539	3,672,970	3,782,104
Indianapolis, IN (Indianapolis International)	50	3,631,966	3,721,837	3,716,804
<b>Top 50 airports, total<sup>1</sup></b>		<b>536,391,010</b>	<b>546,018,588</b>	<b>558,374,006</b>
<b>United States, all airports</b>		<b>639,742,637</b>	<b>662,945,652</b>	<b>677,222,385</b>
<b>Top 50 as percent of all enplanements</b>		<b>84</b>	<b>82</b>	<b>82</b>

<sup>1</sup> The total for the top 50 airports in 2000 and 2009 will not sum from the individual airports because some top 50 airports in 2010 were not in the top 50 in the earlier years.

**NOTES:** Rank order by total enplaned passengers on large certificated U.S. air carriers (Majors, Nationals, Large Regionals, Medium Regionals, and Commuters), scheduled and nonscheduled operations, at all airports served within the 50 states, the District of Columbia, and other U.S. areas designated by the Federal Aviation Administration. These air carriers operate at least one aircraft with more than 60 seats or a payload capacity of more than 18,000 pounds. Data for small-certificated, commuter and foreign-flag air carriers are not included. Data differ from those in table 1-11 which include enplaned passengers on small-certificated, commuter and foreign-flag carriers.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *Schedule T-3 Data*, available at [http://www.transtats.bts.gov/databases.asp?Mode\\_ID=1&Mode\\_Desc=Aviation&Subject\\_ID2=0](http://www.transtats.bts.gov/databases.asp?Mode_ID=1&Mode_Desc=Aviation&Subject_ID2=0) as of Jul. 14, 2011.

**Table 4-7: Major Airports by On-Time Arrival Performance: 2009 and 2010  
(Percent on-time)**

Airport	2009		2010	
	Rank	On-time percentage	Rank	On-time percentage
Seattle, WA (SEA)	9	82.2	1	85.1
Phoenix, AZ (PHX)	2	83.9	2	85.1
Portland, OR (PDX)	4	83.0	3	83.7
Denver, CO (DEN)	15	80.8	4	83.6
Charlotte, NC (CLT)	17	80.1	5	82.9
Salt Lake City, UT (SLC)	1	85.1	6	82.7
Las Vegas, NV (LAS)	5	82.9	7	82.6
Houston, TX (IAH)	6	82.8	8	82.3
Dallas/Ft.Worth, TX (DFW)	19	79.0	9	82.1
Los Angeles, CA (LAX)	7	82.7	10	81.7
San Diego, CA (SAN)	11	81.7	11	81.6
Washington, DC (IAD)	14	80.8	12	81.1
Tampa, FL (TPA)	12	81.3	13	81.0
Orlando, FL (MCO)	13	80.9	14	80.8
Chicago, IL (MDW)	3	83.5	15	80.3
Baltimore, MD (BWI)	8	82.5	16	79.8
Washington, DC (DCA)	16	80.3	17	79.1
Atlanta, GA (ATL)	27	72.6	18	78.8
Minneapolis/St. Paul, MN (MSP)	20	78.9	19	78.6
Fort Lauderdale, FL (FLL)	21	78.0	20	78.3
Philadelphia, PA (PHL)	24	74.6	21	78.1
Miami, FL (MIA)	23	75.8	22	78.0
Chicago, IL (ORD)	18	79.4	23	78.0
Detroit, MI (DTW)	10	81.9	24	77.8
Boston, MA (BOS)	22	76.5	25	76.3
New York, NY (JFK)	26	73.5	26	74.7
New York, NY (LGA)	28	68.7	27	73.7
Newark, NJ (EWR)	29	65.8	28	71.9
San Francisco, CA (SFO)	25	73.5	29	71.3
At All U.S. Airports		79.5		79.8

**NOTES:** Major airports are those designated by the Office of Airline Information as having at least 1% of enplanements in the 48 contiguous states. Carriers reporting on-time data may change each year due to changes in carriers that are required to report and in carriers that report voluntarily. In 2010, the reporting carriers were AirTran, Alaska, American, American Eagle, Atlantic Southeast, Comair, Continental, Delta, ExpressJet, Frontier, Hawaiian, JetBlue, Mesa, Pinnacle, SkyWest, Southwest, United, and US Airways as well as Northwest in January and February. The percentage of on-time arrivals is based on the number of scheduled operations. Flights that are cancelled, diverted or arrived at the gate more than 15 minutes after the scheduled arrival are excluded from on-time arrivals.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *Airline On-time Tables- December 2010*, table 1 and 4 (Washington, DC: 2010), available at [http://www.bts.gov/programs/airline\\_information/airline\\_ontime\\_tables/](http://www.bts.gov/programs/airline_information/airline_ontime_tables/) as of Jun. 29, 2011.

**Table 4-8: Top 15 Cruise Ship Ports by Port of Departure: 2009 and 2010**

Port	2009			2010		
	Rank	Passengers (thousands)	Cruises	Rank	Passengers (thousands)	Cruises
Miami, FL	1	(R)2,044	(R)757	1	2,151	779
Fort Lauderdale, FL	2	1,277	537	2	1,759	649
Port Canaveral, FL	3	1,189	433	3	1,299	448
New York, NY	9	403	150	4	556	216
San Juan, PR	4	507	219	5	522	228
Seattle, WA	5	430	199	6	469	217
Galveston, TX	11	386	134	7	429	148
Tampa, FL	10	401	181	8	425	192
Long Beach, CA	6	415	158	9	414	150
Los Angeles, CA	8	(R)412	(R)158	10	374	140
New Orleans, LA	12	243	101	11	261	89
San Diego, CA	7	413	196	12	242	123
Baltimore, MD	14	166	77	13	215	90
Cape Liberty, NJ	15	156	48	14	198	67
Mobile, AL	16	135	76	15	183	75
All other ports <sup>1</sup>		(R)651	(R)341		703	325
Top 15 ports, total <sup>1</sup>		(R)8,631	(R)3,427		9,495	3,611
Total U.S. ports		(R)9,282	(R)3,768		10,198	3,936
Top 15 as percent of total <sup>1</sup>		(R)93.0	(R)91.0		93.1	91.7

**KEY:** R = revised.

<sup>1</sup>Data for 2009 are based on the top 15 cruise ship ports in that year.

**NOTES:** Cruise passenger statistics for this table are based on the passenger data provided by seventeen major cruise lines that offered North American cruises with a U.S. port of call.

Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *Cruise Statistics*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Jun. 29, 2011.

**Table 4-9: Incoming Personal Vehicle Crossings, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	114	117	112	99	107	92	98	98
Idaho	168	163	167	178	217	264	244	262
Maine	(R) 3,157	3,565	3,562	3,518	3,271	3,109	2,747	3,051
Michigan	9,157	8,978	8,882	8,497	8,075	7,307	6,440	6,566
Minnesota	1,017	1,052	1,004	1,006	1,073	1,085	1,037	1,192
Montana	423	462	460	493	544	527	(R) 556	659
New York	9,598	9,335	9,140	9,135	9,094	8,739	8,245	8,573
North Dakota	581	606	604	639	705	748	639	762
Vermont	(R) 1,436	1,431	1,443	1,406	1,371	1,407	1,250	1,334
Washington	4,593	4,951	4,978	5,066	5,311	5,401	5,443	6,377
United States, total	(R) 30,245	30,660	30,352	30,039	29,766	28,678	(R) 26,698	28,875

KEY: R = revised.

NOTE: Details may not add to totals due to rounding.

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-10: Incoming Passengers in Personal Vehicles, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	242	254	238	212	208	190	206	207
Idaho	362	353	368	387	392	528	457	534
Maine	6,085	6,720	6,836	6,696	5,035	5,000	4,531	4,991
Michigan	16,504	16,112	16,396	15,696	14,762	13,540	12,013	12,251
Minnesota	2,664	2,860	2,760	2,577	2,166	2,139	2,069	2,303
Montana	1,344	1,363	1,477	1,577	1,242	1,174	1,147	1,315
New York	21,197	21,255	20,570	20,923	20,127	19,383	18,031	18,189
North Dakota	1,533	1,563	1,560	1,535	1,459	1,531	1,288	1,560
Vermont	2,717	2,636	2,146	2,740	2,719	3,056	2,704	2,623
Washington	9,489	10,154	10,150	10,644	10,139	10,859	11,063	12,796
United States, total	62,137	63,270	62,501	62,986	58,248	57,401	53,509	56,769

NOTE: Details may not add to totals due to rounding.

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-11: Incoming Train Passengers, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	44.4	52.4	67.5	74.3	80.8	77.1	64.8	72.0
Idaho	1.9	1.9	1.7	2.5	2.2	2.3	2.0	2.4
Maine	2.2	2.8	2.3	2.7	2.7	2.4	1.5	1.4
Michigan	39.9	30.6	31.1	27.8	19.2	18.5	13.2	16.1
Minnesota	22.8	18.1	17.6	17.6	17.2	17.7	13.3	13.9
Montana	1.1	1.2	1.1	1.3	2.5	2.2	2.1	2.2
New York	66.7	62.4	66.8	71.9	61.0	70.6	65.7	74.0
North Dakota	5.8	6.0	6.5	7.8	11.5	9.5	7.7	8.7
Vermont	2.1	2.0	1.8	2.0	1.9	1.9	1.6	1.6
Washington	48.0	46.1	39.4	36.8	34.1	36.5	46.1	62.2
United States, total	234.8	223.5	235.8	244.7	233.1	238.6	217.8	254.5

NOTE: Details may not add to totals due to rounding.

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.



**Table 4-12: Incoming Bus Crossings, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	10.1	10.2	11.1	11.2	12.2	11.9	11.0	10.8
Idaho	0.6	0.5	0.5	0.4	0.4	0.4	0.2	0.2
Maine	1.3	1.6	1.8	2.0	1.8	1.7	1.4	1.5
Michigan	55.8	58.5	51.2	44.8	43.9	39.5	36.8	35.9
Minnesota	3.4	4.1	4.3	3.3	3.0	3.0	2.7	2.6
Montana	1.4	1.4	1.2	0.9	0.7	0.7	0.6	0.7
New York	60.4	53.6	58.4	42.6	49.4	46.5	40.4	39.1
North Dakota	2.4	2.4	2.4	2.4	2.5	2.3	1.9	2.0
Vermont	5.2	5.4	5.9	4.8	4.5	4.0	3.6	5.2
Washington	16.2	18.0	16.8	17.1	18.1	17.3	17.7	18.0
United States, total	156.6	155.7	153.5	129.5	136.4	127.2	116.4	116.1

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-13: Incoming Passengers on Buses, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	148	146	148	157	171	167	170	157
Idaho	15	12	12	12	10	10	7	8
Maine	38	48	54	52	49	48	35	39
Michigan	1,194	1,268	1,157	1,106	1,147	1,013	415	365
Minnesota	76	81	79	68	59	59	47	44
Montana	27	30	29	27	23	22	15	18
New York	1,699	1,656	1,797	1,300	1,564	1,461	1,258	1,214
North Dakota	76	81	82	76	79	74	58	59
Vermont	130	141	105	151	138	129	108	159
Washington	377	428	392	549	443	422	391	389
United States, total	3,780	3,890	3,855	3,499	3,685	3,404	2,503	2,451

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-14: Incoming Pedestrians, U.S.-Canadian Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Alaska	0.3	4.1	4.0	3.5	0.9	0.7	2.8	2.7
Idaho	1.9	1.8	1.8	1.7	0.1	0.3	0.4	1.6
Maine	105.0	115.0	87.2	57.3	48.2	45.0	24.6	15.2
Michigan	U	U	U	U	12.3	16.2	16.5	17.3
Minnesota	29.2	29.8	26.1	21.9	15.5	16.3	15.8	22.2
Montana	7.0	4.9	4.5	3.0	2.5	2.1	5.0	3.1
New York	662.0	549.7	372.8	348.6	278.8	336.1	246.8	262.2
North Dakota	6.3	5.3	5.2	7.3	11.3	5.4	3.5	3.5
Vermont	16.2	12.8	14.5	11.0	7.5	4.5	3.6	2.9
Washington	109.5	102.7	89.3	71.1	64.0	73.1	60.8	64.4
United States, total	937.5	826.0	605.3	533.7	441.1	499.7	379.9	395.1

**KEY:** U = data are unavailable.

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-15: Incoming Personal Vehicle Crossings, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	9,913	10,196	9,780	8,747	8,208	7,735	7,388	6,651
California	32,675	34,554	35,146	34,286	30,897	28,308	26,536	25,260
New Mexico	650	579	622	694	830	688	795	786
Texas	44,831	45,805	46,009	44,570	41,853	42,125	35,585	31,349
United States, total	88,068	91,134	91,556	88,296	81,788	78,857	70,305	64,045

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-16: Incoming Passengers in Personal Vehicles, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	24,424	25,114	22,539	20,382	19,593	18,427	17,579	14,726
California	70,758	66,394	66,531	65,345	57,991	53,228	48,911	45,611
New Mexico	1,620	1,601	1,839	2,035	2,542	2,027	2,254	2,056
Texas	96,895	97,828	95,158	91,493	84,408	84,299	72,273	63,356
United States, total	193,697	190,937	186,067	179,255	164,534	157,982	141,017	125,750

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-17: Incoming Train Passengers, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	1.7	1.7	1.0	2.6	2.4	2.6	2.3	2.4
California	2.1	2.2	2.0	2.2	1.3	3.2	1.9	0.9
New Mexico	U	U	U	U	U	U	U	U
Texas <sup>1</sup>	8.4	8.8	14.9	16.7	16.8	16.3	U	U
United States, total	12.1	12.7	17.8	21.5	20.5	22.0	4.2	3.3

<sup>1</sup> Customs and Border Protection did not provide any information on train passengers and crew entering the United States in Texas in 2009 and 2010.

**KEY:** U = data are unavailable.

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-18: Incoming Bus Crossings, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	13.4	12.7	13.5	18.5	16.9	15.7	14.0	12.6
California	185.7	153.2	148.0	149.0	147.4	138.9	109.7	107.3
New Mexico	1.4	1.3	1.4	2.4	2.9	3.0	2.6	2.1
Texas	118.5	101.9	93.6	92.9	98.0	108.9	102.1	96.8
United States, total	319.1	269.0	256.4	262.9	265.2	266.4	228.5	218.8

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-19: Incoming Passengers on Buses, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	210	209	243	379	310	260	194	185
California	1,577	1,315	1,289	1,426	1,231	1,022	645	754
New Mexico	17	18	21	25	40	37	34	27
Texas	1,943	1,846	1,617	1,358	1,808	2,137	1,557	1,714
United States, total	3,747	3,389	3,170	3,187	3,389	3,456	2,429	2,680

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-20: Incoming Pedestrians, U.S.-Mexican Border: 2003–2010  
(Thousands)**

State	2003	2004	2005	2006	2007	2008	2009	2010
Arizona	9,155	9,186	10,075	11,329	11,806	10,517	8,067	7,648
California	18,193	18,197	16,462	15,518	16,553	15,064	14,124	14,740
New Mexico	259	261	276	251	265	226	276	371
Texas	21,056	20,440	19,017	19,154	20,915	19,033	18,847	17,156
United States, total	48,664	48,084	45,830	46,251	49,539	44,842	41,315	39,915

**NOTE:** Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at [http://www.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BCQ.html](http://www.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BCQ.html) as of Jun. 29, 2011.

**Table 4-21: Overseas Visitors to the United States by Destination State and Territory<sup>1</sup>: 2000, 2005, 2009, and 2010**

State	2000			2005			2009			2010		
	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total
New York	3	5,922	22.8	1	6,092	28.1	1	8,006	33.7	1	8,647	32.8
Florida	2	6,026	23.2	3	4,379	20.2	2	5,274	22.2	2	5,826	22.1
California	1	6,364	24.5	2	4,791	22.1	3	4,632	19.5	3	5,615	21.3
Nevada	5	2,364	9.1	5	1,821	8.4	4	1,900	8.0	4	2,504	9.5
Hawaiian Islands	4	2,727	10.5	4	2,255	10.4	5	1,853	7.8	5	2,135	8.1
Guam	8	1,325	5.1	7	1,127	5.2	8	1,140	4.8	6	1,318	5.0
Massachusetts	6	1,429	5.5	10	867	4.0	6	1,259	5.3	7	1,292	4.9
Illinois	7	1,377	5.3	6	1,149	5.3	7	1,164	4.9	8	1,186	4.5
Texas	9	1,169	4.5	9	954	4.4	10	903	3.8	9	1,028	3.9
New Jersey	10	909	3.5	8	997	4.6	9	926	3.9	10	975	3.7
Pennsylvania	13	649	2.5	12	629	2.9	11	879	3.7	11	923	3.5
Georgia	12	805	3.1	11	650	3.0	12	689	2.9	12	817	3.1
Arizona	11	883	3.4	13	564	2.6	13	665	2.8	13	765	2.9
Washington	16	468	1.8	14	369	1.7	14	380	1.6	14	501	1.9
Utah	17	416	1.6	20	260	1.2	U	U	U	15	475	1.8
Virginia	21	364	1.4	18	282	1.3	14	380	1.6	16	369	1.4
Colorado	14	519	2.0	17	303	1.4	16	333	1.4	17	343	1.3
North Carolina	17	416	1.6	18	282	1.3	17	309	1.3	17	343	1.3
Ohio	19	390	1.5	14	369	1.7	17	309	1.3	19	316	1.2
Connecticut	25	260	1.0	20	260	1.2	19	285	1.2	20	290	1.1
Maryland	23	312	1.2	23	238	1.1	20	261	1.1	U	U	U
Michigan	15	494	1.9	16	325	1.5	U	U	U	U	U	U
Tennessee	24	286	1.1	20	260	1.2	U	U	U	U	U	U
Oregon	26	234	0.9	24	173	0.8	U	U	U	U	U	U
South Carolina	28	156	0.6	24	173	0.8	U	U	U	U	U	U
Wisconsin	27	208	0.8	25	152	0.7	U	U	U	U	U	U
Indiana	28	156	0.6	25	152	0.7	U	U	U	U	U	U
Missouri	28	156	0.6	25	152	0.7	U	U	U	U	U	U
Louisiana	19	390	1.5	28	108	0.5	U	U	U	U	U	U
Minnesota	21	364	1.4	28	108	0.5	U	U	U	U	U	U
Rhode Island	U	U	U	28	108	0.5	U	U	U	U	U	U
New Hampshire	31	130	0.5	U	U	U	U	U	U	U	U	U
Maine	32	104	0.4	U	U	U	U	U	U	U	U	U
New Mexico	32	104	0.4	U	U	U	U	U	U	U	U	U
Kentucky	34	78	0.3	U	U	U	U	U	U	U	U	U
Alabama	34	78	0.3	U	U	U	U	U	U	U	U	U
Alaska	36	52	0.2	U	U	U	U	U	U	U	U	U
United States, total <sup>2</sup>		25,975			21,679			23,756			26,363	

<sup>1</sup>International travelers to the United States from Canada and Mexico are not included.

<sup>2</sup>Includes U.S. territories.

**KEY:** U = data are unavailable.

**NOTES:** A visitor may visit more than one state. *Percent of U.S. total* represents the percent of overseas visitors visiting the state. These columns, therefore, do not sum to 100. Some states are not shown due to low sampling size of overseas visitors.

The Office of Travel and Tourism Industries instituted a new policy for data quality in 2006. As a result, data is published for fewer states in subsequent years.

The District of Columbia is included, together with the rest of its metropolitan area, in table 4-22.

**SOURCE:** U.S. Department of Commerce, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors Estimates for U.S. States, Cities, and Census Regions* (Washington, DC: Annual Issues), available at [http://tinet.ita.doc.gov/outreachpages/inbound\\_general\\_information.inbound\\_overview.html](http://tinet.ita.doc.gov/outreachpages/inbound_general_information.inbound_overview.html) as of Jul. 6, 2011.

**Table 4-22: Overseas Visitors to the United States by Destination City<sup>1</sup>: 2002, 2006, and 2010**

City	2002			2006			2010		
	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total
New York City-WP-Wayne, NY	1	4,244	22.2	1	6,219	28.7	1	8,462	32.1
Los Angeles, CA	2	2,256	11.8	2	2,514	11.6	2	3,348	12.7
Miami, FL	3	2,198	11.5	5	1,972	9.1	3	3,111	11.8
Orlando, FL	4	1,873	9.8	3	1,993	9.2	4	2,715	10.3
San Francisco, CA	5	1,644	8.6	3	1,993	9.2	5	2,636	10.0
Las Vegas, NV	7	1,223	6.4	7	1,647	7.6	6	2,425	9.2
Washington, DC	8	1,032	5.4	8	1,062	4.9	7	1,740	6.6
Honolulu, HI	6	1,587	8.3	6	1,733	8.0	8	1,634	6.2
Boston, MA	10	822	4.3	10	997	4.6	9	1,186	4.5
Chicago, IL	9	1,013	5.3	8	1,062	4.9	10	1,134	4.3
San Diego, CA	12	440	2.3	11	650	3.0	11	765	2.9
Atlanta, GA	11	535	2.8	12	477	2.2	12	712	2.7
Philadelphia, PA	13	421	2.2	U	U	U	13	633	2.4
Flagstaff/Grand Canyon/Sedona, AZ	U	U	U	U	U	U	14	501	1.9
Seattle, WA	19	306	1.6	16	325	1.5	15	475	1.8
Houston, TX	14	363	1.9	13	455	2.1	16	448	1.7
Anaheim-Santa Ana, CA	17	325	1.7	14	303	1.4	17	369	1.4
Tampa/St. Petersburg, FL	14	363	1.9	U	U	U	18	343	1.3
Dallas-Plano-Irving, TX	17	325	1.7	U	U	U	18	343	1.3
San Jose, CA	16	344	1.8	14	412	1.9	20	290	1.1
Ft. Lauderdale, FL	20	287	1.5	U	U	U	U	U	U
Denver, CO	21	249	1.3	U	U	U	U	U	U
Detroit, MI	21	249	1.3	U	U	U	U	U	U
Phoenix, AZ	21	249	1.3	U	U	U	U	U	U
New Orleans, LA	24	229	1.2	U	U	U	U	U	U
Florida Keys, FL	25	210	1.1	U	U	U	U	U	U
Maui, HI	25	210	1.1	U	U	U	U	U	U
Newark, NJ	27	172	0.9	U	U	U	U	U	U
Buffalo-Niagara Falls, NY	28	153	0.8	U	U	U	U	U	U
Riverside/San Bernardino, CA	28	153	0.8	U	U	U	U	U	U
West Palm Beach, FL	28	153	0.8	U	U	U	U	U	U
Baltimore, MD	31	134	0.7	U	U	U	U	U	U
Minn./St. Paul, MN	31	134	0.7	U	U	U	U	U	U
Sacramento, CA	31	134	0.7	U	U	U	U	U	U
Ft. Myers, FL	34	115	0.6	U	U	U	U	U	U
Melbourne, FL	34	115	0.6	U	U	U	U	U	U
Monterey, CA	34	115	0.6	U	U	U	U	U	U
Nassau, NY	34	115	0.6	U	U	U	U	U	U
Portland, OR	34	115	0.6	U	U	U	U	U	U
Salt Lake City, UT	34	115	0.6	U	U	U	U	U	U
Sarasota, FL	34	115	0.6	U	U	U	U	U	U
Cincinnati, OH	41	96	0.5	U	U	U	U	U	U
Columbus, OH	41	96	0.5	U	U	U	U	U	U
Hawaii (The Big Island), HI	41	96	0.5	U	U	U	U	U	U
Oakland, CA	41	96	0.5	U	U	U	U	U	U
Pittsburgh, PA	41	96	0.5	U	U	U	U	U	U
Santa Barbara, CA	41	96	0.5	U	U	U	U	U	U
Albany, NY	47	76	0.4	U	U	U	U	U	U
Atlantic City, NJ	47	76	0.4	U	U	U	U	U	U
Austin, TX	47	76	0.4	U	U	U	U	U	U
Charlotte, NC	47	76	0.4	U	U	U	U	U	U
Indianapolis, IN	47	76	0.4	U	U	U	U	U	U
Nashville, TN	47	76	0.4	U	U	U	U	U	U
Raleigh-Durham, NC	47	76	0.4	U	U	U	U	U	U
San Antonio, TX	47	76	0.4	U	U	U	U	U	U
Cleveland, OH	47	57	0.3	U	U	U	U	U	U
Daytona Beach, FL	56	57	0.3	U	U	U	U	U	U
Jacksonville, FL	56	57	0.3	U	U	U	U	U	U
Memphis, TN	56	57	0.3	U	U	U	U	U	U
St. Louis, MO	56	57	0.3	U	U	U	U	U	U
Tucson, AZ	56	57	0.3	U	U	U	U	U	U
United States, total <sup>2</sup>		19,117			21,668			26,363	

<sup>1</sup> International travelers to the United States from Canada and Mexico are not included.

<sup>2</sup> Includes U.S. territories.

**KEY:** U = data are unavailable.

**NOTES:** A visitor may visit more than one city. *Percent of U.S. total* represents the percent of visitors visiting the city. These columns, therefore, do not sum to 100. Some cities The Office of Travel and Tourism Industries instituted a new policy for data quality in 2006. As a result, data is published for fewer cities in subsequent years.

**SOURCE:** U.S. Department of Commerce, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors Estimates for U.S. States, Cities, and Census Regions* (Washington, DC: Annual Issues), available at [http://inet.ita.doc.gov/outreachpages/inbound.general\\_information.inbound\\_overview.html](http://inet.ita.doc.gov/outreachpages/inbound.general_information.inbound_overview.html) as of Jul. 6, 2011.

# Section E

\* \* \*

## Registered Vehicles and Vehicle-Miles Traveled



**Table 5-1: Motor-Vehicle Registrations: 2009  
(Thousands)**

State	Private and commercial				Partial classification of trucks <sup>2</sup>				
	Auto- mobiles	Motor- cycles	Buses	Trucks <sup>1</sup>	Truck tractors	Pickups	Vans	Sport utilities	Other light <sup>3</sup>
Alabama	2,154	122	2	2,402	93	1,237	252	774	28
Alaska	233	29	2	446	4	210	50	173	4
Arizona	2,210	138	1	2,104	27	856	305	851	11
Arkansas	937	76	2	1,070	22	572	123	361	44
California	19,759	759	41	14,079	92	4,913	2,341	5,542	56
Colorado	630	95	2	755	17	251	83	329	65
Connecticut <sup>4</sup>	1,971	65	10	1,047	2	297	208	531	6
Delaware	456	26	2	374	1	47	25	63	6
District of Columbia	162	1	2	41	0	5	9	23	0
Florida	7,479	663	5	7,492	241	1,998	1,148	2,713	25
Georgia	4,102	196	5	4,268	86	1,695	609	1,650	20
Hawaii	441	49	3	433	1	178	74	175	2
Idaho	556	56	1	793	14	408	78	230	4
Illinois	5,747	349	18	4,035	71	1,144	913	1,745	46
Indiana <sup>5</sup>	3,110	204	10	2,632	58	1,022	555	849	57
Iowa	1,727	184	2	1,595	54	714	276	425	38
Kansas	867	85	1	1,527	28	636	330	379	96
Kentucky	1,925	68	1	1,609	28	777	231	503	166
Louisiana	1,881	70	17	2,042	42	1,059	206	685	136
Maine	532	55	1	499	4	234	71	174	8
Maryland	2,583	83	7	1,849	17	525	391	889	24
Massachusetts	3,106	158	11	2,074	13	556	416	1,065	21
Michigan	4,321	266	10	3,432	18	1,164	781	1,411	53
Minnesota	2,493	251	7	2,240	35	814	431	735	45
Mississippi	1,143	28	4	848	9	468	89	259	4
Missouri	2,552	104	4	2,316	48	997	383	792	84
Montana	363	126	1	532	20	258	49	147	139
Nebraska	769	50	1	978	37	382	135	292	164
Nevada	697	68	2	673	8	236	75	273	2
New Hampshire <sup>4</sup>	635	81	2	558	6	217	88	232	5
New Jersey <sup>4</sup>	3,663	157	19	2,276	14	462	522	1,261	28
New Mexico	682	54	2	894	13	429	91	289	22
New York <sup>4</sup>	8,644	345	28	2,350	7	513	530	1,137	40
North Carolina	3,418	128	11	2,507	49	991	380	912	81
North Dakota	343	32	1	363	10	168	45	88	41
Ohio	6,247	386	24	4,563	42	1,569	1,000	1,724	45
Oklahoma	1,656	124	2	1,650	13	822	183	458	162
Oregon	1,409	104	5	1,555	22	658	230	549	25
Pennsylvania <sup>4</sup>	5,774	409	30	3,935	71	1,160	737	1,737	15
Rhode Island <sup>4</sup>	477	34	2	299	4	86	60	140	1
South Carolina	1,963	106	6	1,592	21	678	232	624	38
South Dakota	397	62	1	506	21	216	66	134	2
Tennessee	2,832	162	4	2,200	61	1,006	315	804	46
Texas <sup>5</sup>	8,711	435	20	9,033	182	4,162	1,091	3,443	210
Utah	1,205	59	0	1,218	54	490	158	460	85
Vermont	289	29	1	256	3	109	35	103	4
Virginia	3,700	79	2	2,519	42	866	446	1,084	30
Washington	3,080	228	4	2,424	37	990	387	902	30
West Virginia	687	49	1	684	11	326	81	239	5
Wisconsin	2,510	365	10	2,284	41	813	479	788	81
Wyoming	208	30	1	419	4	230	33	132	5
United States, total	133,438	7,883	351	108,269	1,819	40,615	17,820	41,277	2,353

<sup>1</sup>Includes light trucks (pickups, vans, sport utility vehicles, and other light trucks) as well as medium and large trucks.

<sup>2</sup>May not add to total because some trucks may be unclassified and other trucks may be included more than once. For instance, a truck-tractor

<sup>3</sup>Includes farm trucks and other light trucks.

<sup>4</sup>The following farm trucks, registered at a nominal fee and restricted to use in the vicinity of the owner's farm, are not included in this table: Connecticut, 6,819; New Hampshire, 12,038; New Jersey, 8,931; New York, 33,372; Pennsylvania, 10,951; and Rhode Island, 1,441.

<sup>5</sup>State did not provide current data. Table displays 2008 private and commercial and state, county and municipal vehicles.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2011), tables MV-1 and MV-9, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 6, 2011.



**Table 5-2: Trailer and Semi-Trailer Registrations: 2009<sup>1</sup>**

State	Private and commercial			Publicly owned	
	Commercial trailers <sup>2</sup>	Light farm trailers, car trailers, etc. <sup>3</sup>	House trailers <sup>4</sup>	Federal government	State, county, municipal government
Alabama	78,260	116,977	12,781	15	1,225
Alaska	10,541	110,866	U	141	2,079
Arizona	100,553	349,923	158,934	102	4,231
Arkansas	76,695	446,348	7,683	6	282
California	933,403	1,628,827	584,136	394	64,973
Colorado	42,751	100,501	42,317	86	2,179
Connecticut	88,394	115,707	U	13	3,010
Delaware	46,984	30,290	U	7	1,040
District of Columbia	90	1,016	U	161	375
Florida	57,297	1,583,852	U	194	31,394
Georgia	154,593	483,318	34,112	137	5,293
Hawaii	4,761	22,710	U	5	1,289
Idaho	69,326	70,132	73,994	63	3,315
Illinois	129,247	582,019	137,104	247	145
Indiana <sup>5</sup>	60,261	820,192	116,897	42	2,345
Iowa	250,714	433,114	86,340	21	3,670
Kansas	104,251	30,112	23,689	25	951
Kentucky	5,614	41,466	47,919	64	149
Louisiana	210,872	300,510	8,492	27	3,495
Maine	729,265	118,607	U	8	3,010
Maryland	20,971	207,468	U	110	442
Massachusetts	26,154	272,853	U	77	249
Michigan	30,661	74,638	17,757	91	4,945
Minnesota	192,602	913,357	114,400	87	4,146
Mississippi	29,946	64,841	9,558	33	1,679
Missouri	99,555	527,244	U	132	499
Montana	28,528	228,816	101,939	56	2,773
Nebraska	116,624	232,980	U	13	1,368
Nevada	11,466	108,036	48,042	50	1,214
New Hampshire	11,350	158,032	U	4	1,314
New Jersey	26,690	477,772	U	170	142
New Mexico	44,419	23,997	15,751	148	3,845
New York	9,793	735,618	U	376	10,745
North Carolina	74,335	727,739	2,286	48	8,930
North Dakota	36,100	43,276	25,799	10	1,235
Ohio	95,422	553,436	104,575	132	17,494
Oklahoma	207,493	78,461	5,976	37	2,459
Oregon	54,861	100,099	96,314	105	12,480
Pennsylvania	144,523	423,223	215,352	217	13,853
Rhode Island	7,219	56,818	U	8	1,139
South Carolina	24,855	38,015	160	35	1,405
South Dakota	59,310	31,752	97,189	32	1,585
Tennessee	76,523	29,576	205	75	416
Texas <sup>5</sup>	284,585	1,839,151	U	192	45,901
Utah	61,306	85,524	85,166	80	548
Vermont	96,125	85,835	U	2	902
Virginia	74,182	151,969	64,978	64	2,503
Washington	60,626	531,501	113,677	167	2,368
West Virginia	110,964	148,605	74,396	10	3,074
Wisconsin	375,650	1,592	67,162	30	1,666
Wyoming	18,773	262,781	35,882	94	1,499
United States, total	5,665,483	16,601,492	2,630,962	4,443	287,268

<sup>1</sup> The completeness of data on trailer registrations varies greatly among states. Data are reported to the extent available and, in some

<sup>2</sup> This column includes all commercial type vehicles and semi-trailers that are in private or for-hire use.

<sup>3</sup> Several states do not require the registration of light farm or automobile trailers.

<sup>4</sup> Some states may not require the registrations of mobile homes and house trailers. In states where this classification is not available,

<sup>5</sup> State did not provide current data. Table displays State's 2008 data for private and commercial and state, county and municipal

**KEY:** U = data are unavailable.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2011), table MV-11, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 6, 2011.

**Table 5-3: Highway Vehicle-Miles Traveled (VMT): 2004, 2009**

State	2004			2009		
	Total VMT (millions)	Estimated Population	VMT per capita	Total VMT (millions)	Estimated Population	VMT per capita
Alabama	59,035	4,512,190	13,083	56,061	4,708,708	11,906
Alaska	4,990	661,569	7,543	4,933	698,473	7,063
Arizona <sup>1</sup>	57,336	5,759,425	9,955	61,628	6,595,778	9,344
Arkansas	31,648	2,746,161	11,524	33,219	2,889,450	11,497
California	328,917	35,558,419	9,250	324,486	36,961,664	8,779
Colorado	45,891	4,599,681	9,977	46,276	5,024,748	9,210
Connecticut	31,608	3,474,610	9,097	31,420	3,518,288	8,930
Delaware	9,301	826,639	11,252	9,080	885,122	10,258
District of Columbia	3,742	579,796	6,454	3,608	599,657	6,017
Florida	196,444	17,375,259	11,306	194,659	18,537,969	10,501
Georgia	112,620	8,913,676	12,635	109,258	9,829,211	11,116
Hawaii	9,725	1,252,782	7,763	9,973	1,295,178	7,700
Idaho	14,729	1,391,718	10,583	15,531	1,545,801	10,047
Illinois	109,135	12,645,295	8,630	105,846	12,910,409	8,199
Indiana <sup>2,5</sup>	72,713	6,214,454	11,701	76,628	6,423,113	11,930
Iowa	31,538	2,941,358	10,722	31,065	3,007,856	10,328
Kansas	29,172	2,730,765	10,683	29,499	2,818,747	10,465
Kentucky	47,322	4,147,970	11,408	47,355	4,314,113	10,977
Louisiana	44,607	4,489,327	9,936	44,863	4,492,076	9,987
Maine	14,948	1,308,253	11,426	14,491	1,318,301	10,992
Maryland	55,284	5,542,659	9,974	55,293	5,699,478	9,701
Massachusetts	54,771	6,451,279	8,490	54,812	6,593,587	8,313
Michigan	103,326	10,089,305	10,241	96,769	9,969,727	9,706
Minnesota <sup>1</sup>	56,570	5,079,344	11,137	56,872	5,266,214	10,799
Mississippi	39,431	2,886,006	13,663	40,427	2,951,996	13,695
Missouri	68,994	5,758,444	11,981	69,003	5,987,580	11,524
Montana	11,207	925,887	12,104	11,011	974,989	11,293
Nebraska	19,171	1,742,184	11,004	19,359	1,796,619	10,775
Nevada <sup>3</sup>	19,354	2,328,703	8,311	20,454	2,643,085	7,739
New Hampshire <sup>3</sup>	13,216	1,292,766	10,223	12,975	1,324,575	9,796
New Jersey	72,844	8,611,530	8,459	73,029	8,707,739	8,387
New Mexico	23,942	1,891,829	12,655	26,013	2,009,671	12,944
New York	137,898	19,297,933	7,146	133,491	19,541,453	6,831
North Carolina <sup>4</sup>	95,903	8,531,283	11,241	104,260	9,380,884	11,114
North Dakota	7,594	636,303	11,935	8,154	646,844	12,606
Ohio	111,654	11,464,593	9,739	110,642	11,542,645	9,586
Oklahoma	46,443	3,514,449	13,215	46,997	3,687,050	12,747
Oregon	35,598	3,573,505	9,962	33,972	3,825,657	8,880
Pennsylvania <sup>5</sup>	108,070	12,388,368	8,724	103,880	12,604,767	8,241
Rhode Island	8,473	1,071,414	7,908	8,250	1,053,209	7,833
South Carolina	49,551	4,201,306	11,794	49,130	4,561,242	10,771
South Dakota	8,784	774,283	11,345	9,607	812,383	11,825
Tennessee	70,943	5,916,762	11,990	70,226	6,296,254	11,154
Texas	231,008	22,418,319	10,304	230,411	24,782,302	9,297
Utah	24,696	2,438,915	10,126	26,264	2,784,572	9,432
Vermont	7,855	618,145	12,707	7,646	621,760	12,297
Virginia	78,877	7,468,914	10,561	80,927	7,882,590	10,267
Washington	55,673	6,184,289	9,002	56,417	6,664,195	8,466
West Virginia	20,302	1,803,302	11,258	19,606	1,819,777	10,774
Wisconsin	60,399	5,511,385	10,959	58,157	5,654,774	10,285
Wyoming	9,261	502,988	18,412	9,568	544,270	17,580
United States, total	2,962,513	293,045,739	10,109	2,953,501	307,006,550	9,620

<sup>1</sup>2008 data used for 2009 data.

<sup>2</sup>2008 data excludes 788 miles of Federal agency owned roads.

<sup>3</sup>2003 data used for 2004 data.

<sup>4</sup>State changed travel estimation process in 2009.

<sup>5</sup>2008 data used for the rural minor collector, and rural and urban local functional systems in 2009 data. Includes 40 miles of Interstate designated in 2010.

**NOTES:** Travel for the rural minor collector and rural/urban local functional systems is estimated by the States based on a model or other means and provided to the FHWA on a summary basis. Travel for all other systems are estimated from State-provided data in the Highway Performance Monitoring System.

Population estimates are for July 1 of given year.

**SOURCES:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, table VM-2 (Washington, DC: Annual editions), available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 6, 2011.

U.S. Department of Commerce, U.S. Census Bureau, Statistical Abstract of the United States 2011, table 12 (Washington, DC: 2011), available at <http://www.census.gov/compendia/statab/> as of Jul. 6, 2011.

**Table 5-4: Highway, Demographic, and Geographic Characteristics of 30 Largest Urbanized Areas: 2008**

Federal-aid urbanized area <sup>1</sup>	State(s)	Estimated population (thousands)	Net land area (square miles)	Persons per square mile	Total roadway miles	Miles of roadway per thousand persons	Total DVMT (thousands)	Total DVMT per capita	Total estimated freeway lane miles <sup>2</sup>	Average daily traffic per freeway lane mile
New York-Newark	NY, NJ, CT	18,704	4,485	4,170	43,697	2.3	299,125	16.0	7,225	16,151
Los Angeles-Long Beach-Santa Ana	CA	12,448	1,971	6,316	24,897	2.0	275,665	22.0	5,607	23,572
Chicago	IL, IN	9,035	3,624	2,638	25,951	2.9	172,793	19.1	3,021	18,379
Miami	FL	5,431	1,499	3,623	15,761	2.9	129,658	23.9	2,189	18,017
Philadelphia	PA, NJ, DE, MD	5,297	2,257	2,347	19,459	3.7	105,820	20.0	2,413	14,850
Dallas-Fort Worth-Arlington	TX	4,936	2,371	2,082	19,939	4.0	123,087	25.0	3,649	17,118
Atlanta	GA	4,548	3,027	1,503	19,879	4.4	127,008	27.9	2,515	18,200
Washington	VA, MD, DC	4,368	1,305	3,347	11,987	2.7	98,702	22.6	2,078	18,372
Boston	MA, NH, RI	4,131	2,241	1,843	16,969	4.0	92,756	23.0	2,550	15,657
Detroit	MI	3,898	1,439	2,709	14,822	4.0	99,634	26.0	1,916	15,822
Phoenix	AZ	3,481	1,115	3,122	12,553	4.0	78,147	22.0	1,593	18,286
San Francisco-Oakland	CA	3,239	1,054	3,073	7,156	2.0	69,147	21.0	1,931	19,266
Houston	TX	3,205	1,821	1,760	17,537	6.0	106,872	33.0	3,264	16,550
Seattle	WA	3,152	1,185	2,660	12,019	4.0	69,800	22.0	1,856	16,019
San Diego	CA	3,017	984	3,066	5,260	2.0	68,086	23.0	1,957	19,217
Minneapolis-St. Paul	MN	2,673	1,192	2,242	12,362	5.0	65,529	25.0	1,723	16,737
Tampa-St. Petersburg	FL	2,326	1,072	2,170	9,629	4.0	62,866	27.0	884	15,420
San Juan	PR	2,319	1,075	2,157	7,634	3.0	32,334	14.0	793	15,379
St. Louis	MO, IL	2,227	1,359	1,639	11,214	5.0	66,114	30.0	2,344	12,566
Denver-Aurora	CO	2,221	814	2,729	8,345	4.0	50,784	23.0	1,255	16,032
Baltimore	MD	2,149	683	3,146	7,195	3.0	51,426	24.0	1,557	16,757
Riverside-San Bernardino	CA	1,961	747	2,625	4,969	3.0	42,836	22.0	1,118	20,994
Sacramento	CA	1,909	446	4,280	4,838	3.0	35,086	18.0	816	18,798
Portland	OR, WA	1,831	538	3,403	7,108	3.9	34,292	18.7	785	17,027
San Jose	CA	1,756	353	4,975	3,971	2.0	36,859	21.0	898	18,205
Cincinnati	OH, KY, IN	1,747	959	1,822	6,880	4.0	40,623	23.0	1,232	14,808
Pittsburgh	PA	1,745	1,215	1,436	9,371	5.4	37,812	21.7	1,280	9,280
Cleveland	OH	1,713	897	1,910	7,248	4.0	38,430	22.0	1,409	12,153
Virginia Beach	VA	1,531	1,812	845	6,545	4.0	36,507	24.0	947	13,823
Kansas City	MO, KS	1,530	1,049	1,459	9,128	6.0	42,066	27.5	1,919	10,969

<sup>1</sup> A federal-aid urbanized area is an area with 50,000 or more persons that, at a minimum, encompasses the land area delineated as the urbanized area by the U.S. Census Bureau. Areas are ranked by population.

<sup>2</sup> Lane miles estimated by the Federal Highway Administration (FHWA).

**KEY:** DVMT = daily vehicle-miles of travel.

**NOTE:** Ratios are based on unrounded numbers.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table HM-72, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 13, 2011.

**Table 5-5: Highway Congestion in the 50 Largest Urban Areas: 2008  
(Ranked by hours of delay per person)**

Urban area	Rank	Population (thousands)	Hours of delay (thousands)	Hours of delay per person	Cost of congestion (\$ millions)	Cost of congestion per person (\$)
Washington DC-VA-MD	1	4,375	175,964	40	4,081	933
Houston TX	2	3,825	151,309	40	3,688	964
Chicago IL-IN	3	8,460	325,641	38	8,669	1,025
Los Angeles-Long Beach-Santa Ana CA	4	12,930	481,364	37	11,630	899
Denver-Aurora CO	5	2,210	75,262	34	1,757	795
Dallas-Fort Worth-Arlington TX	6	4,900	158,080	32	3,718	759
Minneapolis-St. Paul MN	7	2,670	84,193	32	1,984	743
Baltimore MD	8	2,475	77,580	31	1,952	789
San Francisco-Oakland CA	9	3,960	119,268	30	2,851	720
Very Large Area Average	10	5,982	178,566	30	4,384	733
Boston MA-NH-RI	11	4,210	121,289	29	2,820	670
Seattle WA	12	3,140	89,506	29	2,249	716
Atlanta GA	13	4,170	111,566	27	2,777	666
San Diego CA	14	3,015	78,496	26	1,927	639
Austin TX	15	1,210	30,573	25	722	597
San Jose CA	16	1,755	43,758	25	1,005	573
Orlando FL	17	1,415	35,025	25	884	625
Detroit MI	18	3,930	97,031	25	2,313	589
Bridgeport-Stamford CT-NY	19	915	22,428	25	557	609
101 Area Average	20	1,666	40,459	24	991	595
Philadelphia PA-NJ-DE-MD	21	5,310	128,340	24	3,162	595
Virginia Beach VA	22	1,545	37,133	24	818	529
New York-Newark NY-NJ-CT	23	18,675	440,349	24	10,809	579
Tampa-St. Petersburg FL	24	2,330	54,653	23	1,281	550
Baton Rouge LA	25	590	13,731	23	394	668
Miami FL	26	5,350	122,128	23	2,917	545
Phoenix AZ	27	3,475	78,156	22	2,150	619
Nashville-Davidson TN	28	1,050	23,159	22	587	559
Portland OR-WA	29	1,830	40,172	22	977	534
St. Louis MO-IL	30	2,300	50,211	22	1,306	568
Colorado Springs CO	31	530	11,409	22	260	491
439 Area Average	32	490	10,528	21	259	529
Pittsburgh PA	33	1,760	36,638	21	914	519
Large Area Average	34	1,576	32,655	21	795	504
Honolulu HI	35	705	14,061	20	315	447
Riverside-San Bernardino CA	36	1,970	39,002	20	1,009	512
San Juan PR	37	2,300	44,131	19	1,063	462
Jacksonville FL	38	1,050	19,838	19	492	469
Albuquerque NM	39	605	11,353	19	308	509
New Haven CT	40	605	11,344	19	277	458
San Antonio TX	41	1,498	27,478	18	647	432
Las Vegas NV	42	1,390	25,138	18	589	424
New Orleans LA	43	975	17,252	18	459	471
Oklahoma City OK	44	930	16,180	17	380	409
Milwaukee WI	45	1,475	25,615	17	629	426
Birmingham AL	46	835	14,253	17	338	405
Indianapolis IN	47	1,175	19,942	17	514	437
Charlotte NC-SC	48	1,000	16,813	17	439	439
Raleigh-Durham NC	49	1,060	17,787	17	465	439
Columbia SC	50	465	7,596	16	191	411

**NOTES:** TTI's methodology changes periodically. When changes do occur, the methods are applied to all years, resulting in changes possibly over the entire period of data available. Consequently, the most recently published figures may not be comparable to those in past editions.

**SOURCE:** Texas Transportation Institute, *2010 Urban Mobility Report, Congestion Data for Your City* (College Station, TX: 2011), available at <http://mobility.tamu.edu/ums/> as of Jul. 6, 2011.

**Table 5-6: Recreational Boat Registrations by Propulsion Type: 2009**

State	Powered <sup>1</sup>	Nonpowered <sup>2</sup>	Other <sup>3</sup>	Total
Alabama	263,357	3,090	4,279	270,726
Alaska	47,298	1,289	305	48,892
Arizona	128,661	1,318	6,484	136,463
Arkansas	181,347	530	16,928	198,805
California	823,265	55,206	28,517	906,988
Colorado	90,329	3,672	1,821	95,822
Connecticut	103,354	5,728	131	109,213
Delaware	58,443	1,062	2,018	61,523
District of Columbia	1,984	788	26	2,798
Florida	898,744	27,553	22,733	949,030
Georgia	334,054	3,573	14,427	352,054
Hawaii	13,749	1,785	175	15,709
Idaho	86,439	1,492	2,570	90,501
Illinois	295,264	68,252	10,014	373,530
Indiana	264,694	2,762	968	268,424
Iowa	201,093	38,009	8,088	247,190
Kansas	86,271	3,593	658	90,522
Kentucky	162,831	340	13,364	176,535
Louisiana	303,111	0	0	303,111
Maine	108,591	0	578	109,169
Maryland	177,480	11,807	7,519	196,806
Massachusetts	126,837	5,936	9,852	142,625
Michigan	751,246	57,111	3,313	811,670
Minnesota	600,717	199,280	11,778	811,775
Mississippi	193,078	938	0	194,016
Missouri	311,816	2,273	42	314,131
Montana	82,334	1,060	0	83,394
Nebraska	76,688	33	3,368	80,089
Nevada	54,143	798	1,112	56,053
New Hampshire	89,586	5,816	0	95,402
New Jersey	162,113	11,881	0	173,994
New Mexico	35,167	1,305	72	36,544
New York	463,185	6,932	9,044	479,161
North Carolina	396,069	5,462	4,132	405,663
North Dakota	50,475	788	346	51,609
Ohio	312,659	110,644	1,574	424,877
Oklahoma	203,235	1,844	0	205,079
Oregon	173,449	4,498	2,605	180,552
Pennsylvania	294,253	27,371	16,123	337,747
Rhode Island	40,022	2,249	248	42,519
South Carolina	406,981	25,799	2,748	435,528
South Dakota	55,044	4,738	312	60,094
Tennessee	267,376	1,985	0	269,361
Texas	578,405	3,087	40,692	622,184
Utah	70,243	1,022	1,154	72,419
Vermont	30,480	0	0	30,480
Virginia	240,063	4,680	4,492	249,235
Washington	259,012	10,833	0	269,845
West Virginia	51,489	5,926	0	57,415
Wisconsin	599,649	19,040	7,615	626,304
Wyoming	26,730	739	486	27,955
United States, total <sup>4</sup>	11,694,704	758,233	268,604	12,721,541

<sup>1</sup> *Powered* boats include traditional power boats, sailboats with auxiliary engines and personal watercraft (such as jet-skis).

<sup>2</sup> *Nonpowered* boats include row boats, sail boats, canoes and kayaks.

<sup>3</sup> *Other* boats are those not included elsewhere.

<sup>4</sup> U.S. totals include Guam, Puerto Rico, the Virgin Islands, American Samoa, and the Northern Mariana Islands.

**NOTES:** Data are derived from reports of states and other jurisdictions with varying registration categories. The U.S. totals do not include sailboards, which are registered in some states.

**SOURCE:** U.S. Department of Transportation, U.S. Coast Guard, Office of Boating Safety, personal communication, Jul. 21, 2011.

**Table 5-7: General Aviation and Air Taxi Aircraft and Hours Flown: 2009  
(Excludes commuter aircraft)**

State	Active aircraft	Hours flown (thousands)
Alabama	3,145	299
Alaska	6,017	688
Arizona	6,896	809
Arkansas	2,661	346
California	24,811	2,555
Colorado	4,973	525
Connecticut	1,868	355
Delaware	2,261	221
District of Columbia	80	4
Florida	16,804	2,047
Georgia	5,970	805
Hawaii	499	148
Idaho	3,282	300
Illinois	6,786	655
Indiana	4,008	412
Iowa	2,935	281
Kansas	3,805	366
Kentucky	1,780	137
Louisiana	2,970	913
Maine	1,230	81
Maryland	2,971	176
Massachusetts	2,539	224
Michigan	6,068	477
Minnesota	5,187	413
Mississippi	2,237	296
Missouri	4,119	412
Montana	2,576	188
Nebraska	2,314	197
Nevada	2,022	276
New Hampshire	1,361	123
New Jersey	3,232	331
New Mexico	2,663	190
New York	5,577	463
North Carolina	6,004	637
North Dakota	1,101	106
Ohio	6,329	608
Oklahoma	4,229	809
Oregon	5,234	559
Pennsylvania	6,539	652
Rhode Island	234	19
South Carolina	2,425	189
South Dakota	1,843	176
Tennessee	3,820	315
Texas	19,416	2,042
Utah	1,859	262
Vermont	553	35
Virginia	3,961	376
Washington	6,604	614
West Virginia	1,160	97
Wisconsin	5,134	376
Wyoming	1,299	118
United States, total (excluding territories) <sup>1</sup>	223,558	23,713
United States, total (including territories)	223,877	23,763

<sup>1</sup>Total was calculated by subtracting data for Puerto Rico from *United States, total (including territories)*.

**NOTES:** These data are derived from a sample survey of general aviation and air taxi aircraft. The estimates are subject to sampling and nonsampling error. Beginning in 2007, the survey asked the state in which the aircraft was primarily flown rather than where the aircraft was based. Columns may not add to totals due to rounding procedures.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, *General Aviation and Part 135 Activity Surveys: CY2009*, table 1.8 (Washington, DC: 2011), available at [http://www.faa.gov/data\\_statistics/aviation\\_data\\_statistics/general\\_aviation](http://www.faa.gov/data_statistics/aviation_data_statistics/general_aviation) as of Jul. 6, 2011.

**Table 5-8: Active Aviation Pilots and Flight Instructors: 2009<sup>1</sup>**

State	Total	Students	Airplane pilots <sup>2</sup>			Misc. <sup>3</sup>	Flight instructor <sup>4</sup>
			Private	Commercial	Airline transport		
Alabama	7,337	881	2,907	2,227	1,288	34	1,068
Alaska	8,165	679	3,269	2,004	2,176	37	1,236
Arizona	19,425	2,618	6,797	4,657	5,277	76	3,611
Arkansas	4,933	604	2,057	1,342	874	56	716
California	61,709	7,504	28,463	13,875	11,643	224	9,316
Colorado	17,261	1,529	6,150	3,984	5,538	60	3,373
Connecticut	5,494	604	2,384	1,058	1,432	16	871
Delaware	1,302	177	471	297	349	8	232
District of Columbia	510	84	244	111	70	1	52
Florida	48,163	6,543	15,462	11,000	14,884	274	8,638
Georgia	18,694	1,889	6,130	3,663	6,902	110	3,023
Hawaii	2,935	310	752	863	1,001	9	575
Idaho	4,777	517	2,213	1,161	840	46	747
Illinois	17,977	2,100	7,154	3,968	4,593	162	3,378
Indiana	10,150	1,191	4,501	2,205	2,097	156	1,751
Iowa	5,485	635	2,854	1,230	704	62	862
Kansas	7,272	746	3,426	1,726	1,328	46	1,406
Kentucky	6,234	595	1,960	1,202	2,434	43	1,161
Louisiana	5,418	709	2,020	1,545	1,105	39	805
Maine	2,555	252	1,168	575	524	36	370
Maryland	7,882	1,371	3,045	1,661	1,758	47	1,211
Massachusetts	8,022	1,030	3,755	1,670	1,532	35	1,254
Michigan	14,747	1,684	6,621	3,298	2,986	158	2,480
Minnesota	12,878	1,172	5,262	2,850	3,523	71	2,463
Mississippi	4,240	662	1,517	1,108	926	27	606
Missouri	9,415	1,041	3,978	2,127	2,188	81	1,599
Montana	3,885	482	1,750	1,033	601	19	627
Nebraska	3,440	419	1,598	828	568	27	492
Nevada	6,677	619	2,355	1,566	2,119	18	1,166
New Hampshire	3,806	347	1,357	740	1,336	26	700
New Jersey	9,431	1,234	3,901	1,984	2,282	30	1,625
New Mexico	4,826	624	2,099	1,335	725	43	603
New York	16,299	2,608	7,104	3,576	2,904	107	2,619
North Carolina	14,125	1,586	5,599	2,911	3,940	89	2,129
North Dakota	2,582	316	1,147	878	234	7	440
Ohio	16,287	1,674	6,982	3,444	4,019	168	3,013
Oklahoma	8,020	1,312	3,303	1,996	1,368	41	1,226
Oregon	9,224	1,211	4,321	2,334	1,303	55	1,488
Pennsylvania	16,264	2,104	6,584	3,312	4,135	129	2,703
Rhode Island	967	100	416	236	208	7	143
South Carolina	6,403	715	2,557	1,492	1,605	34	932
South Dakota	2,147	223	970	595	322	37	369
Tennessee	11,557	1,091	3,874	2,384	4,142	66	1,960
Texas	47,949	5,963	16,525	10,136	15,112	213	7,794
Utah	7,941	1,027	2,948	2,125	1,803	38	1,461
Vermont	1,320	130	622	284	269	15	186
Virginia	14,167	1,765	5,015	3,227	4,089	71	2,322
Washington	19,671	2,240	7,454	4,356	5,519	102	3,297
West Virginia	1,785	260	826	372	301	26	269
Wisconsin	9,839	1,108	4,676	1,848	2,049	158	1,599
Wyoming	1,861	260	869	421	297	14	267
United States, total	553,453	66,545	219,412	124,820	139,222	3,454	92,234

<sup>1</sup> An active pilot is a person who holds a pilot certificate and a valid medical certificate issued within the last 25 months.

<sup>2</sup> Includes pilots with an airplane only certificate and those with an airplane and a helicopter and/or glider certificate.

<sup>3</sup> Includes helicopter, glider, and recreational pilots. Does not include pilots holding an airplane certificate. A recreational pilot may fly no more than one passenger in a light, single engine aircraft with no more than four seats during good weather and daylight hours and, unless authorized, no more than 50 miles from the home airport.

<sup>4</sup> Not included in total. A flight instructor must hold a flight instructor certificate in addition to a pilot certificate.

**NOTE:** Excludes U.S. military personnel holding civilian certificates who are stationed in a foreign country and pilots in U.S. territories.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, *2009 U.S. Civil Airmen Statistics*, table 5 (Washington, DC: 2010), available at [http://www.faa.gov/data\\_research/aviation\\_data\\_statistics/civil\\_airmen\\_statistics/](http://www.faa.gov/data_research/aviation_data_statistics/civil_airmen_statistics/) as of Jul. 6, 2011.

# Section F

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## Economy and Finance





**Table 6-1: Transportation and Warehousing Establishments and Employment: 2008**

<b>State</b>	<b>Number of establishments</b>	<b>Number of paid employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	3,121	59,773	2,222,870
Alaska	1,133	19,956	1,181,652
Arizona	3,298	82,250	3,161,636
Arkansas	2,553	54,933	2,077,491
California	21,711	468,916	19,663,353
Colorado	3,568	64,718	2,553,744
Connecticut	1,704	44,112	1,794,351
Delaware	694	13,354	429,235
District of Columbia	175	3,249	129,303
Florida	12,849	220,924	8,688,548
Georgia	6,235	163,013	6,626,656
Hawaii	891	30,183	1,126,420
Idaho	1,715	17,054	539,800
Illinois	11,973	236,928	9,789,108
Indiana	5,256	116,888	4,160,565
Iowa	3,729	54,023	1,876,739
Kansas	2,675	47,620	1,722,697
Kentucky	3,074	85,853	3,760,659
Louisiana	3,771	68,511	3,409,057
Maine	1,238	15,861	553,292
Maryland	3,598	66,020	2,561,194
Massachusetts	3,651	79,730	3,101,081
Michigan	5,663	103,942	4,155,946
Minnesota	4,689	80,398	3,203,807
Mississippi	2,225	34,351	1,225,725
Missouri	4,970	88,836	3,341,887
Montana	1,343	12,179	387,302
Nebraska	2,372	32,238	1,260,310
Nevada	1,500	47,072	1,590,408
New Hampshire	856	13,011	441,821
New Jersey	7,168	173,918	7,198,499
New Mexico	1,411	17,405	623,471
New York	12,034	240,237	9,421,236
North Carolina	5,839	116,697	4,358,211
North Dakota	1,104	11,469	426,952
Ohio	7,443	170,893	6,782,419
Oklahoma	2,775	47,907	1,991,131
Oregon	3,167	57,184	2,244,414
Pennsylvania	8,057	209,328	7,332,992
Rhode Island	686	10,660	356,811
South Carolina	2,654	57,024	2,097,138
South Dakota	1,127	9,212	308,623
Tennessee	4,366	138,774	5,050,462
Texas	16,282	376,447	16,628,112
Utah	2,191	49,700	1,822,442
Vermont	530	6,230	204,792
Virginia	5,117	97,831	3,852,066
Washington	5,074	89,643	3,909,510
West Virginia	1,357	17,176	622,330
Wisconsin	5,499	105,556	3,780,133
Wyoming	972	9,716	416,185
<b>United States, total</b>	<b>217,083</b>	<b>4,438,903</b>	<b>176,164,586</b>

**NOTES:** The Transportation and Warehousing sector, North American Industrial Classification System (NAICS) 48, includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The industries included are: air transportation, water transportation, truck transportation, transit and ground passenger transportation, pipeline transportation, scenic and sightseeing transportation, support activities for transportation, postal service, couriers and messengers, and warehousing and storage. These data do not include government, railroad transportation (NAICS 482), or self-employed persons.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 7, 2011.

**Table 6-2: Air Transportation Establishments and Employment: 2008**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	53	1,006	29,506
Alaska	221	6,858	392,103
Arizona	118	W	W
Arkansas	58	1,240	54,725
California	643	47,188	2,550,167
Colorado	113	16,866	703,491
Connecticut	58	2,858	168,517
Delaware	25	77	7,886
District of Columbia	29	317	14,994
Florida	527	23,466	1,081,912
Georgia	136	33,222	1,816,681
Hawaii	65	9,607	386,064
Idaho	51	1,242	39,967
Illinois	208	31,230	1,778,892
Indiana	63	W	229,203
Iowa	39	387	13,535
Kansas	41	363	8,652
Kentucky	54	W	W
Louisiana	101	4,752	291,286
Maine	27	273	6,826
Maryland	45	4,495	258,077
Massachusetts	93	8,187	372,098
Michigan	133	13,931	728,663
Minnesota	69	W	W
Mississippi	47	385	12,200
Missouri	91	W	W
Montana	85	1,521	33,994
Nebraska	31	568	21,325
Nevada	83	W	197,060
New Hampshire	28	450	18,456
New Jersey	112	18,414	918,416
New Mexico	48	712	28,405
New York	399	34,655	1,776,895
North Carolina	116	11,541	542,066
North Dakota	22	123	2,588
Ohio	116	13,071	859,322
Oklahoma	54	8,325	464,713
Oregon	93	6,024	290,537
Pennsylvania	140	W	W
Rhode Island	14	W	12,191
South Carolina	57	2,193	114,593
South Dakota	27	205	5,318
Tennessee	94	5,811	227,667
Texas	475	W	W
Utah	41	9,003	379,476
Vermont	11	W	W
Virginia	134	13,378	668,603
Washington	138	9,523	531,873
West Virginia	25	W	4,167
Wisconsin	75	4,263	193,581
Wyoming	32	W	23,675
United States, total <sup>1</sup>	5,558	485,710	24,863,464

<sup>1</sup> Values for states not reported individually are included in U.S. totals.

**KEY:** W = data withheld to avoid disclosure.

**NOTES:** The Air Transportation subsector (NAICS 481) includes industries providing air transportation of passengers and/or cargo using aircraft, such as airplanes and helicopters. These data do not include scenic and sightseeing air transportation (NAICS 4879, part), support activities for air transportation (NAICS 4881), or air courier services (NAICS 4921, part).

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 7, 2011.

**Table 6-3: Water Transportation Establishments and Employment: 2008**

<b>State</b>	<b>Number of establishments</b>	<b>Number of paid employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	27	612	41,030
Alaska	82	1009	55,312
Arizona	6	W	679
Arkansas	5	99	5,300
California	122	5,730	449,934
Colorado	0	0	0
Connecticut	27	620	76,995
Delaware	9	134	14,234
District of Columbia	2	W	W
Florida	219	14,152	850,067
Georgia	25	238	15,856
Hawaii	11	W	W
Idaho	1	W	W
Illinois	47	W	57,806
Indiana	8	W	W
Iowa	7	106	5,165
Kansas	1	W	W
Kentucky	27	2,305	124,413
Louisiana	311	12,317	957,048
Maine	17	65	2,539
Maryland	40	990	70,504
Massachusetts	47	933	66,590
Michigan	29	441	31,539
Minnesota	6	W	W
Mississippi	15	852	51,509
Missouri	19	1,278	87,565
Montana	1	W	W
Nebraska	0	0	0
Nevada	5	W	473
New Hampshire	4	W	207
New Jersey	74	2,182	149,798
New Mexico	2	W	W
New York	117	3,092	299,745
North Carolina	27	196	9,102
North Dakota	0	0	0
Ohio	24	W	W
Oklahoma	2	W	W
Oregon	20	W	W
Pennsylvania	34	W	W
Rhode Island	10	W	W
South Carolina	24	W	4,094
South Dakota	0	0	0
Tennessee	19	2,177	138,542
Texas	119	4,803	430,442
Utah	4	W	337
Vermont	5	W	W
Virginia	43	779	54,665
Washington	89	4,804	294,929
West Virginia	3	W	W
Wisconsin	9	111	4,224
Wyoming	3	W	W
<b>United States, total<sup>1</sup></b>	<b>1,748</b>	<b>69,028</b>	<b>4,763,054</b>

<sup>1</sup> Values for states not reported individually are included in U.S. totals.

**KEY:** W = data withheld to avoid disclosure.

**NOTES:** The Water Transportation subsector (NAICS 483) includes industries providing water transportation of passengers and cargo using water craft, such as ships, barges, and boats. The subsector is composed of two industry groups: one for deep sea, coastal, and Great Lakes; and one for inland water transportation. This split typically reflects the difference in equipment used. These data do not include scenic and sightseeing water transportation services (NAICS 4872) and support activities for water transportation (NAICS 4883).

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 7, 2011.

**Table 6-4: Truck Transportation Establishments and Employment: 2008**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	1,993	27,628	998,243
Alaska	229	2,969	165,170
Arizona	1,612	24,605	880,921
Arkansas	1,659	35,039	1,382,274
California	9,735	115,308	4,684,644
Colorado	2,070	18,943	822,627
Connecticut	649	7,446	324,107
Delaware	302	5,077	133,417
District of Columbia	18	208	11,274
Florida	5,278	46,301	1,762,063
Georgia	3,360	49,246	1,894,713
Hawaii	227	3,446	125,927
Idaho	1,170	9,092	313,377
Illinois	7,250	66,265	2,888,729
Indiana	3,491	52,624	2,092,161
Iowa	2,749	33,098	1,137,289
Kansas	1,729	19,154	753,435
Kentucky	1,930	22,602	864,274
Louisiana	1,710	18,502	645,074
Maine	758	6,440	234,682
Maryland	1,577	17,405	695,440
Massachusetts	1,460	16,965	743,556
Michigan	3,312	40,321	1,631,889
Minnesota	2,895	27,250	1,105,656
Mississippi	1,441	15,609	573,092
Missouri	3,066	40,190	1,577,820
Montana	798	5,788	211,872
Nebraska	1,786	18,580	757,086
Nevada	640	6,863	278,937
New Hampshire	441	3,294	127,423
New Jersey	3,154	44,215	1,928,674
New Mexico	780	6,989	296,785
New York	4,473	43,585	1,702,199
North Carolina	3,368	46,898	1,788,505
North Dakota	769	6,681	276,204
Ohio	4,434	63,344	2,644,092
Oklahoma	1,771	20,811	807,725
Oregon	1,767	20,558	797,905
Pennsylvania	4,271	62,448	2,626,855
Rhode Island	297	2,700	110,574
South Carolina	1,382	18,973	705,872
South Dakota	825	5,032	181,464
Tennessee	2,227	59,909	2,336,282
Texas	7,974	120,672	4,872,697
Utah	1,461	23,123	871,950
Vermont	319	2,145	87,364
Virginia	2,880	29,934	1,132,871
Washington	2,565	27,294	1,089,287
West Virginia	945	8,040	279,150
Wisconsin	3,676	51,947	2,121,084
Wyoming	648	5,310	228,525
United States, total	115,321	1,426,866	56,703,236

**NOTES:** The Truck Transportation subsector (NAICS 484) includes industries providing over-the-road transportation of cargo using motor vehicles, such as trucks and tractor trailers. The subsector is divided into two industry groups for general freight trucking and specialized freight trucking. This distinction reflects differences in equipment used, type of load carried, scheduling, terminal, and other networking services. These data do not include support activities for road transportation (NAICS 4884), freight transportation arrangement services (NAICS 4885, part), the Postal Service (NAICS 491), or courier services (NAICS 492, part).

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 7, 2011.

**Table 6-5: Transit and Ground Passenger Transportation Establishments and Employment: 2008**

<b>State</b>	<b>Number of establishments</b>	<b>Number of paid employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	93	1,965	36,046
Alaska	80	W	22,739
Arizona	210	8,230	238,023
Arkansas	63	1,045	16,405
California	1,737	43,142	1,111,470
Colorado	183	5,228	120,084
Connecticut	375	13,653	329,144
Delaware	143	2,155	34,210
District of Columbia	44	1,088	41,474
Florida	852	11,417	270,407
Georgia	317	4,511	105,068
Hawaii	113	3,725	124,606
Idaho	80	2,321	34,072
Illinois	922	26,243	482,032
Indiana	264	6,824	99,454
Iowa	115	1,786	29,760
Kansas	139	7,584	116,884
Kentucky	102	1,792	37,673
Louisiana	150	3,123	77,749
Maine	83	1,481	24,302
Maryland	686	9,935	228,638
Massachusetts	765	21,050	540,906
Michigan	296	5,259	119,266
Minnesota	485	14,257	262,546
Mississippi	80	1,446	26,672
Missouri	288	9,346	154,522
Montana	91	1,259	16,668
Nebraska	72	1,929	29,732
Nevada	133	13,708	345,356
New Hampshire	132	3,690	64,553
New Jersey	1,111	30,696	645,013
New Mexico	137	3,700	59,192
New York	2,717	68,366	1,956,238
North Carolina	310	5,019	130,855
North Dakota	63	1,746	27,324
Ohio	459	10,510	230,817
Oklahoma	75	1,149	21,342
Oregon	228	4,873	83,451
Pennsylvania	1,174	35,494	579,527
Rhode Island	111	2,403	40,590
South Carolina	133	1,706	35,541
South Dakota	67	1,032	15,659
Tennessee	305	4,401	96,800
Texas	637	15,643	360,324
Utah	77	1,865	28,966
Vermont	70	1,612	27,729
Virginia	371	7,787	210,988
Washington	261	5,926	140,078
West Virginia	31	464	4,512
Wisconsin	540	14,059	215,164
Wyoming	41	306	7,297
<b>United States, total<sup>1</sup></b>	<b>18,011</b>	<b>449,381</b>	<b>10,057,868</b>

<sup>1</sup> Values for states not reported individually are included in U.S. totals

**KEY:** W = data withheld to avoid disclosure.

**NOTES:** The Transit and Ground Passenger Transportation subsector (NAICS 485) includes industries providing a variety of passenger transportation activities, such as urban transit systems; chartered bus, school bus, and interurban bus transportation; and taxis. These activities are distinguished based primarily on such production process factors as vehicle types, routes, and schedules. These data do not include scenic and sightseeing transportation (NAICS 4871, part), support activities for road transportation (NAICS 4884), or arrangement for car pools and vanpools (NAICS 4889, part).

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 8, 2011.

**Table 6-6: Pipeline Transportation Establishments and Employment: 2008**

<b>State</b>	<b>Number of establishments</b>	<b>Number of paid employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	51	581	54,311
Alaska	20	W	W
Arizona	37	W	24,257
Arkansas	46	382	27,083
California	86	W	132,384
Colorado	63	W	W
Connecticut	10	171	17,014
Delaware	3	W	W
District of Columbia	2	W	W
Florida	43	467	34,561
Georgia	49	W	W
Hawaii	7	W	W
Idaho	4	W	W
Illinois	106	W	107,754
Indiana	55	490	39,932
Iowa	55	W	34,167
Kansas	123	1,123	101,809
Kentucky	52	1035	74,393
Louisiana	225	3,268	240,163
Maine	13	83	8,149
Maryland	14	W	W
Massachusetts	14	311	24,463
Michigan	39	W	21,257
Minnesota	53	408	39,550
Mississippi	83	W	53,607
Missouri	54	291	24,136
Montana	14	W	W
Nebraska	49	W	W
Nevada	4	W	W
New Hampshire	7	W	W
New Jersey	31	508	38,791
New Mexico	65	W	W
New York	50	W	28,163
North Carolina	29	226	18,513
North Dakota	23	488	37,503
Ohio	81	W	W
Oklahoma	136	W	135,231
Oregon	11	95	7,765
Pennsylvania	114	1,574	113,392
Rhode Island	4	W	W
South Carolina	17	153	9,637
South Dakota	12	W	4,674
Tennessee	57	W	W
Texas	614	12,278	1,201,936
Utah	22	831	70,742
Vermont	1	W	W
Virginia	58	W	33,271
Washington	25	299	27,254
West Virginia	56	W	W
Wisconsin	28	W	W
Wyoming	56	763	58,381
<b>United States, total<sup>1</sup></b>	<b>2,871</b>	<b>40,176</b>	<b>3,568,840</b>

<sup>1</sup> Values for states not reported individually are included in U.S. totals.

**KEY:** W = data withheld to avoid disclosure.

**NOTES:** The Pipeline Transportation subsector (NAICS 486) includes industries using transmission pipelines to transport products, such as crude oil, natural gas, refined petroleum products, and slurry. Industry groups are determined based on the products transported (i.e., crude oil, natural gas, and other). Gas industry data include the storage of natural gas because the storage is usually done by the pipeline establishment and because a pipeline is inherently a network in which all the nodes are interdependent. These data do not include activities classified under the Utilities sector, such as natural gas distribution (NAICS 2212) or water and air distribution and collection (NAICS 2213).

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2008 County Business Patterns* (Washington, DC: 2010), available at <http://www.census.gov/econ/cbp/index.html> as of Jul. 8, 2011.

**Table 6-7: Freight Railroad Employment, Retirement, and Wages: 2009<sup>1</sup>**

State	Number of employees	Wages (\$ millions)	Number of retirement beneficiaries	Retirement payments (\$ millions)
Alabama	3,509	326	9,305	166
Alaska	379	32	217	4
Arizona	2,692	271	9,251	165
Arkansas	3,178	306	9,699	173
California	8,968	897	27,537	491
Colorado	2,734	276	7,403	132
Connecticut	108	9	2,661	48
Delaware	169	15	1,849	33
District of Columbia	7	1	452	8
Florida	4,823	452	29,030	518
Georgia	6,758	625	15,864	283
Hawaii	0	0	175	3
Idaho	1,337	130	4,499	80
Illinois	11,719	1,164	33,483	598
Indiana	5,427	502	15,488	276
Iowa	3,747	364	8,855	158
Kansas	5,089	522	13,638	243
Kentucky	4,182	39	14,434	258
Louisiana	3,045	295	7,222	129
Maine	596	49	2,718	49
Maryland	1,501	141	8,691	155
Massachusetts	709	62	3,885	69
Michigan	3,293	320	14,030	250
Minnesota	4,222	420	15,149	270
Mississippi	1,753	179	5,998	107
Missouri	6,827	686	18,572	331
Montana	2,560	254	5,658	101
Nebraska	11,282	1,132	11,784	210
Nevada	669	64	3,212	57
New Hampshire	199	16	841	15
New Jersey	1,113	92	8,800	157
New Mexico	1,569	164	4,390	78
New York	2,884	267	21,495	384
North Carolina	2,237	206	9,970	178
North Dakota	1,656	168	2,949	53
Ohio	7,261	668	26,054	465
Oklahoma	1,772	179	5,097	91
Oregon	1,996	193	7,953	142
Pennsylvania	6,490	586	34,470	615
Rhode Island	62	5	500	9
South Carolina	1,662	154	6,568	117
South Dakota	660	79	1,374	25
Tennessee	3,979	381	11,981	214
Texas	15,691	1,586	33,173	592
Utah	1,798	173	5,168	92
Vermont	168	13	784	14
Virginia	5,247	482	17,359	310
Washington	3,682	384	11,082	198
West Virginia	2,822	264	8,729	156
Wisconsin	3,005	309	9,377	167
Wyoming	2,655	270	2,957	53
<b>United States, total</b>	<b>169,891</b>	<b>16,532</b>	<b>531,830</b>	<b>9,490</b>

<sup>1</sup> Includes Class I, Regional, Switching and Terminal, and Local freight railroads.

**NOTE:** Wages are estimated by multiplying average wage by number of employees in each state. For Class I railroads, average wages are estimated based on aggregate data which incorporates fringe benefits, assumed to be 37.5 percent of wages. For non-Class I railroads, average wages are estimated based on 2008 sample data with a three percent inflation rate and incorporates fringe benefits, assumed to be 37.5 percent of wages. Historically, fringe benefits have not been included in this table.

SOURCE: Association of American Railroads, Railroads and States (2009), available at <http://www.aar.org/KeyIssues/Railroads-States.aspx> as of Jul. 13, 2011.



**Table 6-8: Transportation Expenditures by State and Local Governments: 2008<sup>1</sup>**  
**(Millions of current dollars)**

<b>State</b>	<b>Total</b>	<b>Highway</b>	<b>Transit</b>	<b>Air</b>	<b>Water</b>
Alabama	2,403	2,006	74	146	177
Alaska	1,798	1,533	48	100	116
Arizona	4,504	3,005	951	548	Z
Arkansas	1,328	1,200	25	89	14
California	27,889	16,054	7,834	2,921	1,080
Colorado	3,529	2,378	611	540	Z
Connecticut	1,911	1,371	484	54	2
Delaware	765	588	126	17	34
District of Columbia	2,332	416	1,916	Z	Z
Florida	14,360	10,701	1,496	1,736	427
Georgia	5,695	3,900	800	793	203
Hawaii	1,166	581	231	295	60
Idaho	950	882	17	49	2
Illinois	12,176	6,861	3,774	1,540	<0.5
Indiana	3,645	2,842	189	605	9
Iowa	2,026	1,852	79	95	Z
Kansas	1,955	1,862	32	61	Z
Kentucky	2,844	2,547	132	152	13
Louisiana	3,488	2,969	145	175	199
Maine	788	717	11	52	8
Maryland	4,285	2,937	873	248	226
Massachusetts	5,537	2,883	2,137	423	94
Michigan	5,015	3,779	597	638	1
Minnesota	4,442	3,813	272	337	21
Mississippi	1,866	1,689	15	128	34
Missouri	3,555	2,852	390	312	2
Montana	836	775	15	46	Z
Nebraska	1,335	1,208	39	87	Z
Nevada	2,109	1,455	309	344	Z
New Hampshire	798	660	19	117	1
New Jersey	6,690	3,854	2,765	42	29
New Mexico	1,384	1,204	89	91	Z
New York	26,510	9,777	14,244	2,079	410
North Carolina	4,717	3,607	558	492	60
North Dakota	676	621	7	48	Z
Ohio	5,983	4,810	703	447	24
Oklahoma	2,261	1,974	104	180	3
Oregon	3,183	1,920	822	257	185
Pennsylvania	10,345	7,572	2,220	483	70
Rhode Island	722	306	139	274	2
South Carolina	1,746	1,425	76	95	149
South Dakota	707	672	9	26	Z
Tennessee	2,532	2,015	202	312	3
Texas	18,143	14,333	1,983	1,406	422
Utah	2,121	1,428	499	194	Z
Vermont	509	442	46	21	<0.5
Virginia	5,770	3,594	575	1,268	332
Washington	6,900	3,867	1,904	608	520
West Virginia	1,190	1,098	48	44	<0.5
Wisconsin	4,075	3,561	307	199	8
Wyoming	775	723	4	48	Z
<b>United States, total</b>	<b>232,265</b>	<b>155,117</b>	<b>50,944</b>	<b>21,264</b>	<b>4,940</b>

<sup>1</sup> State fiscal years ending in 2008.

**KEY:** Z = Data not available, no activity, value of zero, or value too small to report.

**NOTES:** Data are for fiscal year 2008. The fiscal year for most states runs from July 1, 2007 to June 30, 2008. Fiscal year 2008 for Alabama and Michigan runs from October 1, 2007 to September 30, 2008. Fiscal year 2008 for Texas runs from September 1, 2007 to August 31, 2008. The fiscal year for New York runs from April 1, 2007 to March 31, 2008.

Not all agencies of a government necessarily have a fiscal period that coincides with the central organization. Totals for an individual government, in those instances, are the summation of finances for all agencies with a fiscal period ending between July 1, 2007, and June 30, 2008.

Details may not add to totals due to rounding, and values that are too small to report.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *State and Local Government Finances (2008)*, available at <http://www.census.gov/govs/estimate/> as of Jul. 8, 2011.

**Table 6-9: Transportation Revenues Collected by State and Local Governments: 2008<sup>1</sup>**  
**(Millions of current dollars)**

State	Total	Highway <sup>2</sup>	Transit	Air	Water
Alabama	1,100	879	5	91	125
Alaska	378	185	6	131	57
Arizona	1,554	1,003	73	477	Z
Arkansas	702	642	4	53	2
California	12,456	6,996	1,826	2,335	1,300
Colorado	1,831	1,118	120	592	1
Connecticut	826	741	42	42	1
Delaware	474	428	13	6	27
District of Columbia	859	87	771	Z	Z
Florida	7,857	5,571	259	1,694	333
Georgia	2,384	1,353	135	659	237
Hawaii	826	438	45	260	84
Idaho	442	398	2	40	2
Illinois	5,468	3,621	796	1,038	12
Indiana	1,343	1,168	39	128	8
Iowa	970	898	22	50	Z
Kansas	744	705	4	35	Z
Kentucky	1,139	905	22	190	23
Louisiana	1,020	752	22	119	126
Maine	458	417	3	36	2
Maryland	2,100	1,679	141	183	97
Massachusetts	2,774	1,561	588	541	83
Michigan	2,586	2,085	77	423	2
Minnesota	1,634	1,283	18	318	15
Mississippi	648	575	1	37	35
Missouri	1,454	1,060	69	322	3
Montana	394	371	2	20	Z
Nebraska	543	484	5	54	Z
Nevada	1,111	594	91	426	Z
New Hampshire	398	350	1	46	Z
New Jersey	3,145	2,252	851	17	26
New Mexico	542	464	6	71	Z
New York	11,497	4,380	4,474	2,384	259
North Carolina	2,767	2,281	54	393	40
North Dakota	261	240	2	19	Z
Ohio	3,623	3,203	111	283	26
Oklahoma	1,348	1,250	8	83	7
Oregon	1,474	1,013	109	237	115
Pennsylvania	4,820	3,762	561	488	8
Rhode Island	299	193	33	72	1
South Carolina	1,067	788	13	100	166
South Dakota	208	195	1	12	<0.5
Tennessee	1,611	1,296	34	273	9
Texas	7,842	5,868	189	1,476	309
Utah	957	696	28	232	Z
Vermont	195	177	3	15	<0.5
Virginia	2,643	1,679	80	625	259
Washington	3,060	1,957	282	490	331
West Virginia	600	570	7	23	Z
Wisconsin	1,802	1,596	74	123	9
Wyoming	181	161	1	20	Z
United States, total	106,414	72,370	12,125	17,781	4,139

<sup>1</sup> State fiscal years ending in 2008.

<sup>2</sup> Highway Revenues include state and local government receipts from motor fuel taxes, motor vehicle license taxes, motor vehicle operator license taxes, regular and toll highway charges, and receipts from parking facilities.

**KEY:** Z = Data not available, no activity, value of zero, or value too small to report.

**NOTES:** Data are for fiscal year 2008. The fiscal year for most states runs from July 1, 2007 to June 30, 2008. Fiscal year 2008 for Alabama and Michigan runs from October 1, 2007 to September 30, 2008. Fiscal year 2008 for Texas runs from September 1, 2007 to August 31, 2008. The fiscal year for New York runs from April 1, 2007 to March 31, 2008.

Not all agencies of a government necessarily have a fiscal period that coincides with the central organization. Totals for an individual government, in those instances, are the summation of finances for all agencies with a fiscal period ending between July 1, 2007, and June 30, 2008.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *State and Local Government Finances (2008)*, available at <http://www.census.gov/govs/estimate/> as of Jul. 8, 2011.

**Table 6-10: Federal and State Funding of Public Transit: 1995, 2000, and 2008**  
(Thousands of dollars)

State	1995		2000		2008	
	Federal	State	Federal	State	Federal	State
Alabama	16,903	0	49,115	0	69,353	0
Alaska	4,841	0	40,379	0	84,835	86,815
Arizona	41,261	445	14,710	329	180,106	11,780
Arkansas	8,489	332	48,283	0	41,683	4,515
California	649,602	340,162	803,946	1,344,779	1,201,862	2,299,579
Colorado	29,281	0	88,173	0	189,078	23,048
Connecticut	72,347	113,241	97,121	163,266	1,034,695	267,500
Delaware	11,594	NR	11,082	35,685	308,737	86,233
District of Columbia	170,047	123,051	81,883	NR	257,316	272,724
Florida	149,531	89,511	200,817	92,724	338,336	146,339
Georgia	83,001	1,893	142,250	306,393	174,285	6,141
Hawaii	22,001	0	35,239	0	68,473	0
Idaho	4,026	0	5,083	136	28,475	312
Illinois	294,583	264,993	360,528	467,622	562,019	519,300
Indiana	37,209	NR	62,918	29,201	518,841	55,733
Iowa	21,847	7,465	26,917	10,411	48,791	13,281
Kansas	10,963	1,000	20,871	6,000	44,516	5,762
Kentucky	19,135	612	31,125	NR	65,774	3,502
Louisiana	48,047	NR	42,132	NR	62,519	5,963
Maine	7,318	392	5,557	420	14,076	1,528
Maryland	198,965	349,848	123,984	273,844	684,439	844,417
Massachusetts	166,755	531,896	246,496	771,356	348,606	1,182,785
Michigan	85,840	124,401	100,549	187,198	160,079	200,087
Minnesota	39,476	47,989	106,819	80,289	155,980	339,925
Mississippi	8,142	0	14,674	115	48,728	1,600
Missouri	53,018	1,495	107,250	17,029	103,705	6,922
Montana	3,221	75	4,655	75	14,702	415
Nebraska	8,824	1,530	11,223	1,539	23,309	2,900
Nevada	18,357	438	28,973	NR	47,793	0
New Hampshire	4,268	12	9,588	0	152,202	4,474
New Jersey	331,863	458,704	383,154	509,237	1,351,951	1,035,472
New Mexico	12,427	NR	29,447	0	42,342	9,297
New York	787,777	1,356,600	844,552	1,926,571	1,846,267	3,015,442
North Carolina	43,670	22,138	55,260	38,247	109,505	73,446
North Dakota	2,908	761	4,615	1,666	13,122	2,900
Ohio	118,314	29,233	132,460	42,348	183,746	15,817
Oklahoma	12,593	951	20,283	3,530	32,102	5,750
Oregon	127,700	44,689	52,339	15,553	169,907	39,921
Pennsylvania	262,502	628,400	297,215	731,800	473,946	1,145,587
Rhode Island	16,335	19,121	15,620	36,822	204,165	47,338
South Carolina	13,172	4,140	29,053	4,234	56,320	6,400
South Dakota	3,776	300	4,747	397	12,858	770
Tennessee	37,005	12,458	38,010	22,291	75,511	41,537
Texas	195,306	17,200	296,983	27,945	457,879	28,741
Utah	25,773	140	80,951	0	161,499	0
Vermont	3,325	861	7,900	NR	10,671	5,899
Virginia	45,222	78,248	104,761	163,959	396,211	228,966
Washington	76,207	6,435	149,745	84,456	331,581	39,752
West Virginia	9,377	1,538	29,774	1,395	27,875	3,023
Wisconsin	54,764	77,321	65,748	100,448	88,259	125,180
Wyoming	1,835	977	2,308	NR	8,023	2,496
United States, total	4,470,747	4,760,995	5,567,261	7,499,314	13,087,055	12,267,312

KEY: NR = not reported.

SOURCE: American Association of State Highway and Transportation Officials, *Survey of State Funding for Public Transportation - Final Report, 2008*, available at [https://bookstore.transportation.org/item\\_details.aspx?ID=1588](https://bookstore.transportation.org/item_details.aspx?ID=1588) as of Jul. 14, 2011.

**Table 6-11: Average Motor Gasoline Prices Excluding Taxes, All Grades: 2007-2009  
(Cents per gallon excluding taxes)**

State	2007	2008	2009
Alabama	227.0	276.7	182.8
Alaska	255.1	339.1	260.9
Arizona	234.5	278.0	190.0
Arkansas	230.2	270.3	176.0
California	248.7	290.6	212.2
Colorado	240.5	276.6	185.2
Connecticut	238.1	280.4	194.4
Delaware	227.2	275.5	187.4
District of Columbia	228.0	280.8	NA
Florida	229.5	276.2	186.0
Georgia	228.5	279.3	185.0
Hawaii	258.7	317.1	235.0
Idaho	238.2	281.9	189.8
Illinois	237.5	279.2	191.4
Indiana	230.5	273.4	186.5
Iowa	235.6	272.3	187.9
Kansas	231.2	267.6	181.3
Kentucky	232.8	276.2	188.2
Louisiana	228.5	277.0	185.4
Maine	238.4	284.8	198.4
Maryland	231.3	280.8	188.3
Massachusetts	236.6	282.0	196.9
Michigan	235.7	273.8	187.9
Minnesota	237.5	270.0	187.7
Mississippi	227.7	272.6	184.0
Missouri	228.6	267.5	182.5
Montana	236.9	280.4	190.9
Nebraska	236.3	266.8	185.8
Nevada	242.1	282.9	200.0
New Hampshire	234.8	280.9	194.0
New Jersey	231.7	281.7	192.2
New Mexico	245.6	281.9	195.3
New York	233.5	282.8	191.7
North Carolina	226.4	274.3	181.9
North Dakota	245.1	278.2	197.1
Ohio	231.5	269.5	185.3
Oklahoma	234.6	268.5	182.1
Oregon	247.7	292.4	205.7
Pennsylvania	228.2	274.2	188.0
Rhode Island	229.4	272.9	189.6
South Carolina	226.6	276.2	181.7
South Dakota	240.6	274.1	191.3
Tennessee	226.9	273.6	181.1
Texas	228.1	271.3	182.5
Utah	232.6	277.8	190.4
Vermont	242.0	292.5	198.9
Virginia	229.0	275.4	186.6
Washington	241.8	285.6	201.2
West Virginia	234.0	282.5	192.7
Wisconsin	236.3	273.9	188.5
Wyoming	243.5	283.9	187.3
United States, total	233.8	277.2	189.3

**KEY:** NA = Not available.

**NOTE:** Data includes sales to end users through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets (e.g., sales to agricultural customers, commercial sales, and industrial sales).

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *Gasoline Prices by Formulation, Grade, Sales Type* (Washington, DC), available at [http://www.eia.gov/dnav/pet/pet\\_pri\\_allmg\\_a\\_epm0\\_pta\\_dpgal\\_a.htm](http://www.eia.gov/dnav/pet/pet_pri_allmg_a_epm0_pta_dpgal_a.htm) as of Jul. 8, 2011.

**Table 6-12: State Motor-Fuel Tax Rates: 2009  
(Cents per gallon)**

State	Gasoline	Diesel	Liquefied petroleum gas	Gasohol <sup>1</sup>
Alabama	18.00	19.00	0.00	18.00
Alaska	8.00	8.00	0.00	8.00
Arizona	18.00	26.00	0.00	18.00
Arkansas	21.50	22.50	16.50	21.50
California	18.00	18.00	6.00	18.00
Colorado	22.00	20.50	20.50	22.00
Connecticut	25.00	45.10	0.00	25.00
Delaware	23.00	22.00	22.00	23.00
District of Columbia	23.50	20.00	20.00	20.00
Florida	16.00	16.00	14.50	16.00
Georgia	7.50	7.50	7.50	7.50
Hawaii	17.00	17.00	5.20	16.00
Idaho	25.00	25.00	18.10	25.00
Illinois	19.00	21.50	19.00	19.00
Indiana	18.00	16.00	0.00	18.00
Iowa	21.00	22.50	20.00	19.00
Kansas	24.00	26.00	23.00	24.00
Kentucky	24.10	21.10	22.70	24.10
Louisiana	20.00	20.00	16.00	20.00
Maine	29.50	30.70	0.00	23.00
Maryland	23.50	24.25	0.00	0.00
Massachusetts	21.00	21.00	20.20	21.00
Michigan	19.00	15.00	15.00	0.00
Minnesota	27.10	27.10	20.33	27.10
Mississippi	18.40	18.40	17.00	18.40
Missouri	17.00	17.00	17.00	17.00
Montana	27.75	27.75	0.00	23.00
Nebraska	26.80	26.80	26.80	26.80
Nevada	24.00	27.00	22.00	24.00
New Hampshire	19.63	19.63	0.00	0.00
New Jersey	10.50	13.50	5.25	10.50
New Mexico	18.88	22.88	12.00	18.88
New York	25.15	23.35	8.05	0.00
North Carolina	30.15	30.15	27.10	30.15
North Dakota	23.00	23.00	23.00	23.00
Ohio	28.00	28.00	28.00	28.00
Oklahoma	17.00	14.00	17.00	17.00
Oregon	24.00	24.00	18.50	24.00
Pennsylvania	30.00	38.10	22.80	31.20
Rhode Island	30.00	30.00	30.00	30.00
South Carolina	16.00	16.00	16.00	16.00
South Dakota	22.00	22.00	20.00	28.00
Tennessee	20.00	17.00	14.00	20.00
Texas	20.00	20.00	15.00	20.00
Utah	24.50	24.50	24.50	24.50
Vermont	20.00	26.00	0.00	20.00
Virginia	17.50	17.50	17.50	17.50
Washington	37.50	37.50	37.50	37.50
West Virginia	32.20	32.20	32.20	32.20
Wisconsin	30.90	30.90	22.60	30.90
Wyoming	14.00	14.00	14.00	14.00
Federal tax	18.40	24.40	13.60	18.40

<sup>1</sup> Tax rates for *gasoline* blended with 10 percent ethanol.

**NOTE:** Tax rates in effect as of January 1.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2010), table MF-121T, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 8, 2011.

# Section G

\* \* \*

## Energy and Environment



**Table 7-1: Transportation Energy Consumption by Energy Source: 2008  
(Trillion Btu)**

State	Natural gas <sup>1</sup>	Petroleum					Total petroleum	Ethanol <sup>4</sup>	Electricity	Net energy <sup>4</sup>	Electrical system energy losses <sup>5</sup>		Total <sup>4</sup>
		Distillate fuel (diesel)	Jet fuel	Motor gasoline <sup>2,4</sup>	Residual fuel	Other <sup>3</sup>					Net energy losses <sup>5</sup>	Total <sup>4</sup>	
Alabama	16.9	121.0	12.3	320.7	7.3	3.2	464.5	3.7	0.0	481.4	0.0	481.4	
Alaska	2.1	41.3	135.0	34.0	1.2	1.5	213.0	1.7	0.0	215.1	0.0	215.1	
Arizona	24.8	115.7	38.3	337.4	0.0	3.5	494.9	19.2	0.0	519.8	0.0	519.8	
Arkansas	10.0	100.0	6.2	174.0	0.0	3.1	283.2	2.3	S	293.3	S	293.3	
California	20.0	460.8	571.7	1,879.8	258.3	20.8	3,191.4	82.2	3.0	3,214.4	6.3	3,220.8	
Colorado	16.3	82.6	74.6	259.0	0.0	2.9	419.1	7.3	0.2	435.6	0.4	435.9	
Connecticut	4.4	43.3	10.8	186.8	0.1	1.9	242.9	10.0	0.6	248.0	1.4	249.4	
Delaware	S	8.8	0.7	54.6	7.9	0.9	72.9	2.8	0.0	73.0	0.0	73.0	
Dist. of Columbia	0.3	2.3	0.0	12.8	0.0	0.3	15.4	0.5	1.2	16.9	2.6	19.5	
Florida	10.0	244.2	219.0	1,020.9	27.5	7.1	1,518.7	46.1	0.3	1,529.0	0.6	1,529.6	
Georgia	7.2	203.3	35.9	593.5	45.9	5.0	883.6	26.7	0.6	891.5	1.3	892.8	
Hawaii	S	16.7	60.7	54.4	6.3	0.5	138.6	3.1	0.0	138.6	0.0	138.6	
Idaho	7.1	37.3	4.8	77.9	0.0	1.0	121.0	2.2	0.0	128.1	0.0	128.1	
Illinois	13.7	223.2	158.7	615.8	0.2	10.7	1,008.6	41.1	1.9	1,024.2	4.1	1,028.4	
Indiana	7.3	198.9	35.5	372.6	2.4	4.8	614.2	21.3	0.1	621.6	0.1	621.7	
Iowa	14.2	96.5	4.5	191.5	0.0	3.5	295.9	7.6	0.0	310.2	0.0	310.2	
Kansas	24.4	81.4	9.8	158.3	0.0	4.2	253.8	8.9	0.0	278.2	0.0	278.2	
Kentucky	13.4	136.4	42.1	266.7	0.0	3.3	448.5	15.1	0.0	462.0	0.0	462.0	
Louisiana	55.3	122.0	110.4	265.1	94.5	4.2	596.2	4.1	S	651.6	S	651.6	
Maine	1.0	28.0	7.9	81.4	0.4	0.9	118.7	4.1	0.0	119.7	0.0	119.7	
Maryland	3.5	79.1	21.7	335.3	4.9	2.2	443.3	15.2	1.8	448.6	3.9	452.5	
Massachusetts	1.9	65.7	62.7	350.7	2.0	2.8	483.8	17.4	1.1	486.9	2.4	489.3	
Michigan	24.2	124.0	26.3	571.1	1.4	8.8	731.6	30.7	S	755.8	S	755.9	
Minnesota	18.0	109.6	58.1	318.9	4.1	5.0	495.7	21.0	0.1	513.8	0.2	514.0	
Mississippi	29.5	99.8	23.3	203.0	4.2	2.3	332.6	2.8	0.0	362.1	0.0	362.1	
Missouri	7.3	144.5	31.7	395.8	0.0	6.1	578.0	19.6	0.1	585.4	0.2	585.5	
Montana	7.4	37.4	4.7	58.7	0.0	1.6	102.4	2.2	0.0	109.8	0.0	109.8	
Nebraska	10.1	60.5	5.0	102.5	0.0	2.2	170.2	4.6	0.0	180.3	0.0	180.3	
Nevada	3.6	48.7	43.8	139.7	0.0	1.6	233.8	6.3	S	237.4	0.1	237.5	
New Hampshire	S	15.0	0.9	89.7	0.0	0.6	106.1	3.7	0.0	106.1	0.0	106.1	
New Jersey	2.1	135.9	200.0	535.8	139.1	4.4	1,015.2	27.1	1.0	1,018.4	2.2	1,020.6	
New Mexico	13.9	68.8	10.2	113.0	0.0	2.1	194.1	2.7	0.0	208.0	0.0	208.0	
New York	16.3	170.0	122.8	700.3	67.0	7.0	1,067.1	34.1	10.0	1,093.3	21.3	1,114.6	
North Carolina	5.5	145.7	29.6	582.9	4.7	9.3	772.3	23.8	S	777.8	S	777.8	
North Dakota	12.0	36.5	3.5	43.0	0.0	1.1	84.0	2.5	0.0	96.0	0.0	96.0	
Ohio	11.9	237.3	102.0	624.3	0.0	9.5	973.1	34.9	0.2	985.2	0.3	985.6	
Oklahoma	28.7	187.6	31.7	225.6	0.0	4.4	449.3	12.8	0.0	477.9	0.0	477.9	
Oregon	7.7	92.8	31.0	186.1	9.6	4.3	323.9	9.6	0.1	331.7	0.1	331.8	
Pennsylvania	39.0	212.7	81.8	624.7	22.9	8.1	950.2	29.8	2.9	992.2	6.3	998.5	
Rhode Island	1.0	9.1	1.7	49.9	0.0	0.4	61.1	3.3	0.0	62.1	0.0	62.1	
South Carolina	2.7	102.1	9.9	321.2	9.2	2.3	444.7	14.5	0.0	447.4	0.0	447.4	
South Dakota	4.7	29.6	3.7	50.4	0.0	1.1	84.8	3.2	0.0	89.5	0.0	89.5	
Tennessee	10.6	152.1	71.8	376.2	0.3	4.9	605.3	21.4	S	616.0	S	616.0	
Texas	114.4	686.3	411.2	1,481.4	162.4	14.0	2,755.3	62.9	0.2	2,870.0	0.5	2,870.5	
Utah	12.5	67.9	36.9	128.1	0.0	1.7	234.6	3.7	0.1	247.2	0.2	247.5	
Vermont	S	9.1	1.5	41.0	0.0	0.4	52.0	1.7	0.0	52.1	0.0	52.1	
Virginia	8.9	161.0	93.7	493.3	6.4	4.0	758.5	23.1	0.7	768.0	1.4	769.5	
Washington	7.3	139.8	114.0	328.0	29.2	4.7	615.6	17.4	S	622.9	S	622.9	
West Virginia	19.7	45.3	1.3	95.3	0.0	1.4	143.3	4.2	S	162.9	S	163.0	
Wisconsin	2.7	115.3	15.0	308.9	0.0	3.8	443.0	19.3	0.0	445.7	0.0	445.7	
Wyoming	17.6	67.6	2.2	39.6	0.0	2.1	111.5	1.1	0.0	129.2	0.0	129.2	
United States, total	693.6	6,020.4	3,192.8	16,871.8	919.6	207.3	27,211.9	786.2	26.3	27,931.8	56.2	27,988.0	

<sup>1</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is consumed in the operation of pipelines, primarily in compressors, or is consumed as vehicle fuel.

<sup>2</sup> Includes ethanol blended into motor gasoline.

<sup>3</sup> "Other" is the sum of aviation gasoline, liquefied petroleum gas (LPG), and lubricants.

<sup>4</sup> Ethanol blended into motor gasoline is included in motor gasoline, but is also shown separately to display the use of renewable energy by the transportation sector. It is counted only once in the total.

<sup>5</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

**KEY:** Btu = British thermal unit; S = less than 0.05 trillion Btu.

**NOTE:** Sum of components may not be equal to totals due to rounding.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *State Energy Data System* (Washington, DC: 2011), *Consumption Estimates, Consumption in Btu*, available at <http://www.eia.gov/state/seds/seds-data-complete.cfm#consumption> as of Jul. 8, 2011.



**Table 7-2: Energy Consumption by End-Use Sector: 2008**  
(Trillion Btu)

State	Total energy consumed <sup>1</sup>	End-use sectors <sup>2</sup>							
		Transportation		Residential		Commercial		Industrial <sup>1</sup>	
		Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent
Alabama	2,097.9	481.4	22.9	395.7	18.9	277.0	13.2	943.8	45.0
Alaska	650.8	215.1	33.1	54.3	8.3	63.3	9.7	318.1	48.9
Arizona	1,545.1	519.8	33.6	413.3	26.7	367.1	23.8	245.0	15.9
Arkansas	1,117.8	293.3	26.2	235.4	21.1	166.5	14.9	422.6	37.8
California	8,297.6	3,220.8	38.8	1,562.7	18.8	1,634.3	19.7	1,879.8	22.7
Colorado	1,491.2	435.9	29.2	345.3	23.2	298.7	20.0	411.2	27.6
Connecticut	806.8	249.4	30.9	263.9	32.7	204.1	25.3	89.4	11.1
Delaware	285.2	73.0	25.6	64.8	22.7	58.1	20.4	89.4	31.3
District of Columbia	178.8	19.5	10.9	34.9	19.5	120.4	67.3	4.0	2.2
Florida	4,426.2	1,529.6	34.6	1,286.4	29.1	1,080.8	24.4	529.4	12.0
Georgia	2,987.4	892.8	29.9	736.1	24.6	564.2	18.9	794.3	26.6
Hawaii	281.5	138.6	49.2	35.9	12.8	42.7	15.2	64.3	22.8
Idaho	535.5	128.1	23.9	133.2	24.9	86.7	16.2	187.5	35.0
Illinois	4,049.7	1,028.4	25.4	1,005.4	24.8	794.6	19.6	1,221.3	30.2
Indiana	2,843.1	621.7	21.9	557.3	19.6	375.8	13.2	1,288.4	45.3
Iowa	1,411.8	310.2	22.0	246.8	17.5	201.0	14.2	653.8	46.3
Kansas	1,123.3	278.2	24.8	230.6	20.5	204.2	18.2	410.3	36.5
Kentucky	1,976.5	462.0	23.4	374.9	19.0	257.8	13.0	881.8	44.6
Louisiana	3,411.7	651.6	19.1	352.5	10.3	274.8	8.1	2,132.7	62.5
Maine	473.5	119.7	25.3	97.7	20.6	79.3	16.8	176.8	37.3
Maryland	1,440.2	452.5	31.4	405.5	28.2	408.5	28.4	173.7	12.1
Massachusetts	1,497.8	489.3	32.7	446.4	29.8	383.8	25.6	178.2	11.9
Michigan	2,904.7	755.9	26.0	792.0	27.3	618.3	21.3	738.4	25.4
Minnesota	1,937.0	514.0	26.5	422.3	21.8	361.3	18.7	639.4	33.0
Mississippi	1,179.7	362.1	30.7	232.8	19.7	169.2	14.3	415.6	35.2
Missouri	1,940.4	585.5	30.2	535.9	27.6	415.6	21.4	403.4	20.8
Montana	438.6	109.8	25.0	87.4	19.9	70.4	16.1	170.9	39.0
Nebraska	783.6	180.3	23.0	159.0	20.3	140.5	17.9	303.8	38.8
Nevada	745.0	237.5	31.9	175.8	23.6	133.5	17.9	198.2	26.6
New Hampshire	313.8	106.1	33.8	91.6	29.2	71.9	22.9	44.2	14.1
New Jersey	2,590.8	1,020.6	39.4	589.5	22.8	627.6	24.2	353.1	13.6
New Mexico	696.1	208.0	29.9	119.2	17.1	127.0	18.2	242.0	34.8
New York	3,972.4	1,114.6	28.1	1,164.8	29.3	1,272.2	32.0	420.8	10.6
North Carolina	2,698.0	777.8	28.8	715.2	26.5	580.6	21.5	624.4	23.1
North Dakota	439.9	96.0	21.8	66.6	15.1	63.2	14.4	214.1	48.7
Ohio	3,974.5	985.6	24.8	947.6	23.8	708.0	17.8	1,333.3	33.5
Oklahoma	1,620.9	477.9	29.5	313.6	19.3	252.4	15.6	576.9	35.6
Oregon	1,106.5	331.8	30.0	277.6	25.1	213.7	19.3	283.4	25.6
Pennsylvania	3,892.1	998.5	25.7	944.7	24.3	705.0	18.1	1,243.9	32.0
Rhode Island	216.4	62.1	28.7	68.9	31.8	55.8	25.8	29.6	13.7
South Carolina	1,649.2	447.4	27.1	357.8	21.7	264.4	16.0	579.6	35.1
South Dakota	349.9	89.5	25.6	69.7	19.9	60.4	17.3	130.3	37.2
Tennessee	2,354.8	616.0	26.2	542.3	23.0	381.6	16.2	814.8	34.6
Texas	11,761.5	2,870.5	24.4	1,609.9	13.7	1,415.1	12.0	5,866.0	49.9
Utah	795.1	247.5	31.1	168.9	21.2	155.2	19.5	223.7	28.1
Vermont	158.3	52.1	32.9	47.0	29.7	32.1	20.3	27.1	17.1
Virginia	2,496.9	769.5	30.8	614.4	24.6	596.7	23.9	516.3	20.7
Washington	2,043.1	622.9	30.5	502.8	24.6	392.4	19.2	524.9	25.7
West Virginia	806.3	163.0	20.2	170.8	21.2	113.2	14.0	359.4	44.6
Wisconsin	1,866.5	445.7	23.9	443.1	23.7	370.1	19.8	607.5	32.5
Wyoming	540.5	129.2	23.9	48.5	9.0	62.8	11.6	300.0	55.5
United States	99,242.3	27,988.0	28.2	21,558.8	21.7	18,373.9	18.5	31,321.6	31.6

<sup>1</sup> U.S. total energy and U.S. industrial sector include 40.8 trillion Btu of net imports of coal coke that is not allocated to the states.

<sup>2</sup> End-use sector data include electricity sales and associated electrical system energy losses.

**KEY:** Btu = British thermal unit.

**NOTE:** Totals may not equal sum of components due to rounding.

SOURCE: U.S. Department of Energy, Energy Information Administration, State Energy Data System (Washington, DC: 2011), Consumption Estimates, Consumption in Btu, available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) as of Jul. 11, 2011.

**Table 7-3: Transportation Energy Consumption per Capita: 2008**

State	Population (thousands)	Petroleum		All energy sources	
		Total (trillion Btu)	Per capita <sup>1</sup> (million Btu)	Total (trillion Btu)	Per capita <sup>1</sup> (million Btu)
Alabama	4,677.5	464.5	99.3	481.4	102.9
Alaska	688.1	213.0	309.6	215.1	312.6
Arizona	6,499.4	494.9	76.2	519.8	80.0
Arkansas	2,867.8	283.2	98.8	293.3	102.3
California	36,580.4	3,191.4	87.2	3,220.8	88.0
Colorado	4,935.2	419.1	84.9	435.9	88.3
Connecticut	3,502.9	242.9	69.4	249.4	71.2
Delaware	876.2	72.9	83.2	73.0	83.3
District of Columbia	590.1	15.4	26.1	19.5	33.0
Florida	18,423.9	1,518.7	82.4	1,529.6	83.0
Georgia	9,697.8	883.6	91.1	892.8	92.1
Hawaii	1,287.5	138.6	107.7	138.6	107.7
Idaho	1,527.5	121.0	79.2	128.1	83.9
Illinois	12,843.0	1,008.6	78.5	1,028.4	80.1
Indiana	6,388.3	614.2	96.1	621.7	97.3
Iowa	2,994.0	295.9	98.8	310.2	103.6
Kansas	2,797.4	253.8	90.7	278.2	99.5
Kentucky	4,287.9	448.5	104.6	462.0	107.7
Louisiana	4,451.5	596.2	133.9	651.6	146.4
Maine	1,319.7	118.7	89.9	119.7	90.7
Maryland	5,658.7	443.3	78.3	452.5	80.0
Massachusetts	6,543.6	483.8	73.9	489.3	74.8
Michigan	10,002.5	731.6	73.1	755.9	75.6
Minnesota	5,230.6	495.7	94.8	514.0	98.3
Mississippi	2,940.2	332.6	113.1	362.1	123.1
Missouri	5,956.3	578.0	97.0	585.5	98.3
Montana	968.0	102.4	105.8	109.8	113.5
Nebraska	1,781.9	170.2	95.5	180.3	101.2
Nevada	2,615.8	233.8	89.4	237.5	90.8
New Hampshire	1,321.9	106.1	80.3	106.1	80.3
New Jersey	8,663.4	1,015.2	117.2	1,020.6	117.8
New Mexico	1,986.8	194.1	97.7	208.0	104.7
New York	19,467.8	1,067.1	54.8	1,114.6	57.3
North Carolina	9,247.1	772.3	83.5	777.8	84.1
North Dakota	641.4	84.0	131.0	96.0	149.7
Ohio	11,528.1	973.1	84.4	985.6	85.5
Oklahoma	3,644.0	449.3	123.3	477.9	131.2
Oregon	3,783.0	323.9	85.6	331.8	87.7
Pennsylvania	12,566.4	950.2	75.6	998.5	79.5
Rhode Island	1,053.5	61.1	58.0	62.1	59.0
South Carolina	4,503.3	444.7	98.7	447.4	99.3
South Dakota	804.5	84.8	105.4	89.5	111.3
Tennessee	6,240.5	605.3	97.0	616.0	98.7
Texas	24,304.3	2,755.3	113.4	2,870.5	118.1
Utah	2,727.3	234.6	86.0	247.5	90.7
Vermont	621.0	52.0	83.8	52.1	83.8
Virginia	7,795.4	758.5	97.3	769.5	98.7
Washington	6,566.1	615.6	93.8	622.9	94.9
West Virginia	1,814.9	143.3	78.9	163.0	89.8
Wisconsin	5,627.6	443.0	78.7	445.7	79.2
Wyoming	533.0	111.5	209.3	129.2	242.4
United States	304,374.8	27,211.9	89.4	27,988.0	92.0

<sup>1</sup> Calculated by the Bureau of Transportation Statistics, Research and Innovative Technology Administration.

**KEY:** Btu = British thermal unit.

**NOTE:** Totals may not equal sum of components due to rounding.

**SOURCES:** U.S. Department of Commerce, U.S. Census Bureau, *National Population Estimates*, available at <http://www.census.gov/popest/states/NST-ann-est.html> as of Jul. 11, 2011.

U.S. Department of Energy, Energy Information Administration, State Energy Data System (Washington, DC: 2011), Consumption Estimates, Consumption in Btu, available at <http://www.eia.gov/state/seds/seds-data-complete.cfm#consumption> as of Jul. 11, 2011.

**Table 7-4: Motor-Fuel Use: 2009<sup>1</sup>**  
(Millions of gallons)

State	Gasoline				Special fuel (mainly diesel) Private and commercial	Total use			
	Highway use		Nonhighway use			Private and commercial	Public use	Combined total	Per Capita
	Private and commercial	Public use	Private and commercial	Public use					
Alabama	2,498	35	68	2	688	3,254	37	3,291	699
Alaska	258	7	26	<0.5	267	551	8	559	800
Arizona	2,533	39	68	2	726	3,327	41	3,368	511
Arkansas	1,380	26	56	1	593	2,028	28	2,056	711
California	14,353	222	246	11	2,728	17,327	233	17,560	475
Colorado	2,023	36	38	2	524	2,584	38	2,622	522
Connecticut	1,454	21	37	1	268	1,760	22	1,782	507
Delaware	414	7	24	<0.5	69	507	7	514	581
District of Columbia	98	9	4	<0.5	22	125	9	134	223
Florida	7,855	120	345	5	1,334	9,535	124	9,659	521
Georgia	4,724	62	96	3	1,201	6,022	65	6,087	619
Hawaii	427	10	14	1	49	491	11	501	387
Idaho	614	14	35	1	228	877	14	891	577
Illinois	4,679	94	128	5	1,400	6,207	98	6,305	488
Indiana	2,888	51	142	2	1,119	4,149	53	4,203	654
Iowa	1,480	31	137	2	609	2,227	32	2,259	751
Kansas	1,249	29	48	1	442	1,739	30	1,769	628
Kentucky	2,125	37	52	2	744	2,921	38	2,959	686
Louisiana	2,190	37	63	2	700	2,954	38	2,992	666
Maine	636	10	17	1	187	840	11	851	646
Maryland	2,783	30	62	1	520	3,365	32	3,397	596
Massachusetts	2,674	38	52	2	403	3,129	40	3,169	481
Michigan	4,367	70	119	3	784	5,270	73	5,343	536
Minnesota	2,388	46	115	2	599	3,102	49	3,151	598
Mississippi	1,511	27	37	1	554	2,102	29	2,131	722
Missouri	3,075	49	74	2	953	4,101	51	4,153	694
Montana	461	11	24	1	237	722	11	734	752
Nebraska	778	19	32	1	389	1,199	20	1,219	678
Nevada	1,061	15	30	1	313	1,404	16	1,420	537
New Hampshire	688	10	18	<0.5	94	800	10	811	612
New Jersey	4,063	54	75	3	841	4,978	57	5,035	578
New Mexico	919	17	27	1	434	1,380	18	1,398	696
New York	5,401	108	132	5	1,358	6,892	113	7,005	358
North Carolina	4,149	115	166	3	934	5,249	118	5,368	572
North Dakota	339	8	24	<0.5	198	562	9	571	882
Ohio	4,806	85	124	4	1,338	6,268	89	6,357	551
Oklahoma	1,721	34	86	2	730	2,537	36	2,573	698
Oregon	1,463	27	49	1	503	2,015	29	2,044	534
Pennsylvania	4,893	115	64	4	1,388	6,344	119	6,463	513
Rhode Island	369	12	11	<0.5	56	436	13	449	426
South Carolina	2,611	30	79	1	643	3,333	32	3,365	738
South Dakota	417	10	22	<0.5	200	638	10	648	798
Tennessee	3,016	54	92	2	827	3,934	56	3,990	634
Texas	11,603	165	232	8	3,768	15,604	173	15,777	637
Utah	1,002	21	36	1	411	1,449	22	1,471	528
Vermont	317	6	8	<0.5	54	380	6	386	621
Virginia	3,796	55	74	3	960	4,830	57	4,888	620
Washington	2,558	55	74	2	599	3,231	57	3,288	493
West Virginia	799	17	18	1	272	1,089	18	1,106	608
Wisconsin	2,396	46	72	2	679	3,147	49	3,196	565
Wyoming	319	7	42	<0.5	326	687	7	694	1,276
United States	130,625	2,253	3,715	103	35,262	169,602	2,356	171,958	560

<sup>1</sup> Based on reports from state motor-fuel tax agencies. Gasohol is included with *gasoline*. *Public use* and *nonhighway use* were estimated by the Federal Highway Administration.

**NOTES:** The term *motor fuel* applies to *gasoline* and all other fuels, including *special fuels*, coming under the purview of the state motor-fuel tax laws. *Special fuels* include diesel fuel and, to the extent they can be quantified, liquefied petroleum gases such as propane. Gasohol, a blend of gasoline and fuel alcohol, is included with *gasoline*.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2009* (Washington, DC: 2011), table MF-21, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Jul. 12, 2011.

U.S. Department of Commerce, U.S. Census Bureau, National Population Estimates, available at <http://www.census.gov/popest/states/NST-ann-est.html> as of Jul. 12, 2011.

**Table 7-5: Alternative-Fueled Vehicles in Use by Fuel Type: 2008  
(Number of vehicles)**

State	Fuel Type						Total
	Liquefied petroleum gases	Natural gas	Ethanol	Electricity	Hydrogen	Other	
Alabama	1,481	370	8,889	369	0	0	11,109
Alaska	188	489	1,697	5	0	0	2,379
Arizona	5,979	10,786	16,357	3,821	0	0	36,943
Arkansas	1,368	187	2,057	85	0	0	3,697
California	8,882	37,745	40,131	30,242	0	0	117,000
Colorado	4,260	972	11,764	296	0	0	17,292
Connecticut	296	1,379	3,562	51	0	0	5,288
Delaware	24	63	2,310	0	0	0	2,397
District of Columbia	90	1,070	5,255	0	0	0	6,415
Florida	4,928	2,683	24,455	431	0	0	32,497
Georgia	8,889	2,370	12,149	1,018	0	0	24,426
Hawaii	1,248	8	4,918	273	0	0	6,447
Idaho	644	363	3,323	0	0	0	4,330
Illinois	2,045	2,459	17,605	176	0	0	22,285
Indiana	2,649	2,007	4,157	0	0	0	8,813
Iowa	790	0	5,170	16	0	0	5,976
Kansas	810	246	3,899	0	0	0	4,955
Kentucky	1,085	150	7,130	0	0	0	8,365
Louisiana	2,029	378	6,464	385	0	0	9,256
Maine	407	21	874	0	0	0	1,302
Maryland	315	2,716	12,472	775	0	0	16,278
Massachusetts	358	1,922	3,008	2,477	0	0	7,765
Michigan	2,899	518	14,395	1,919	0	0	19,731
Minnesota	3,021	115	8,174	0	0	0	11,310
Mississippi	4,077	152	4,136	0	0	0	8,365
Missouri	3,713	135	11,019	0	0	0	14,867
Montana	384	18	3,127	51	0	0	3,580
Nebraska	285	378	2,639	0	0	0	3,302
Nevada	2,967	3,020	5,021	21	0	0	11,029
New Hampshire	233	100	1,147	118	0	0	1,598
New Jersey	3,015	3,738	11,522	467	0	0	18,742
New Mexico	1,615	945	11,179	0	0	0	13,739
New York	1,777	10,017	11,437	8,094	0	0	31,325
North Carolina	4,954	669	26,763	747	0	0	33,133
North Dakota	101	10	3,207	0	0	0	3,318
Ohio	2,703	1,060	13,326	429	0	0	17,518
Oklahoma	1,111	2,719	4,299	2	0	0	8,131
Oregon	1,015	1,645	6,173	1,889	0	0	10,722
Pennsylvania	1,116	2,374	9,817	0	0	0	13,307
Rhode Island	44	1,006	1,454	278	0	0	2,782
South Carolina	1,196	246	14,654	457	0	0	16,553
South Dakota	104	2	4,711	25	0	0	4,842
Tennessee	581	302	10,967	20	0	0	11,870
Texas	59,438	11,454	28,405	1,096	0	0	100,393
Utah	318	2,850	4,854	0	0	0	8,022
Vermont	191	22	641	562	0	0	1,416
Virginia	1,786	1,956	17,634	129	0	0	21,505
Washington	995	2,091	10,713	51	0	0	13,850
West Virginia	259	30	1,967	0	0	0	2,256
Wisconsin	2,062	675	8,095	16	0	0	10,848
Wyoming	228	337	1,204	65	0	0	1,834
State Unknown	96	106	1	45	313	3	564
United States, total	151,049	117,074	450,327	56,901	313	3	775,667

**NOTES:** *Natural gas* includes vehicles using compressed natural gas (CNG) and liquefied natural gas (LNG). *Ethanol* excludes vehicles used by private individuals because most of those vehicles are believed to be in use as traditional gasoline-powered vehicles. This table does not include data on gasoline-electric hybrids. The estimated number of methanol M100 and M85, and 95-percent ethanol vehicles in use is zero for 2008.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels, *Alternatives to Traditional Transportation Fuels 2008*, table V3, available at <http://www.eia.gov/renewable/> as of Jul. 12, 2011.

**Table 7-6: Alternative Fuel Stations by Fuel Type: 2009**

State	Compressed					Liquefied		Total <sup>2</sup>
	Natural Gas	85% Ethanol	Propane	Electric <sup>1</sup>	Biodiesel	Hydrogen	Natural Gas	
Alabama	5	16	158	0	12	0	0	191
Alaska	1	0	9	0	1	0	0	11
Arizona	39	26	54	5	13	1	5	143
Arkansas	5	10	41	0	7	0	0	63
California	200	45	189	411	39	26	27	937
Colorado	20	80	46	1	19	2	0	168
Connecticut	12	4	12	0	1	2	0	31
Delaware	1	1	2	0	3	0	0	7
District of Columbia	2	3	0	0	1	1	0	7
Florida	15	30	57	4	17	2	0	125
Georgia	15	37	41	1	28	0	0	122
Hawaii	0	0	3	3	5	1	0	12
Idaho	7	5	25	5	8	0	1	51
Illinois	23	204	72	6	5	1	0	311
Indiana	7	112	43	0	7	0	0	169
Iowa	0	124	26	0	3	0	0	153
Kansas	3	31	45	0	6	0	0	85
Kentucky	0	15	25	0	2	0	0	42
Louisiana	6	5	14	0	1	0	0	26
Maine	1	0	9	0	3	0	0	13
Maryland	4	15	18	0	9	0	0	46
Massachusetts	21	2	22	3	6	1	0	55
Michigan	13	95	68	0	16	7	0	199
Minnesota	1	351	27	2	0	0	0	381
Mississippi	2	4	35	0	6	0	0	47
Missouri	10	97	69	0	5	1	0	182
Montana	3	1	43	0	6	0	0	53
Nebraska	1	48	18	0	4	0	0	71
Nevada	11	14	28	0	13	2	0	68
New Hampshire	3	0	9	2	11	0	0	25
New Jersey	14	2	10	2	3	0	0	31
New Mexico	8	10	51	0	8	0	0	77
New York	97	38	22	1	12	7	0	177
North Carolina	14	19	53	3	138	0	0	227
North Dakota	2	30	23	0	3	1	0	59
Ohio	9	63	68	0	21	1	0	162
Oklahoma	49	11	58	0	5	0	0	123
Oregon	13	8	30	23	25	0	0	99
Pennsylvania	22	26	65	0	12	2	0	127
Rhode Island	5	0	5	0	2	0	0	12
South Carolina	3	87	20	0	30	2	0	142
South Dakota	0	78	16	0	2	0	0	96
Tennessee	4	29	44	1	36	0	0	114
Texas	20	41	541	3	20	0	4	629
Utah	59	5	24	0	4	0	0	92
Vermont	2	0	4	2	1	1	0	10
Virginia	11	9	38	3	17	1	0	79
Washington	15	15	64	3	47	0	0	144
West Virginia	0	3	8	0	1	1	0	13
Wisconsin	18	127	45	0	1	0	0	191
Wyoming	7	6	23	0	15	0	0	51
United States, total	803	1,982	2,420	484	660	63	37	6,449

<sup>1</sup> Does not include residential electric charging infrastructure.

<sup>2</sup> Totals by State is the total number of fuel types available at stations. Stations are counted once for each type of fuel available.

**SOURCE:** U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Alternative Fuels and Advanced Vehicles Data Center, Alternative Fueling Stations, available at <http://www.afdc.energy.gov/afdc/fuels/stations.html> as of Aug. 17, 2011.

**Table 7-7: Air Pollution in the 50 Largest Metropolitan Areas: 2002–2009**  
**(Number of days with AQI values greater than 100)**

Metropolitan area	AQI days > 100									
	2002 (R)	2003 (R)	2004 (R)	2005 (R)	2006 (R)	2007 (R)	2008 (R)	2009		
Atlanta-Sandy Springs-Marietta, GA	44	24	22	32	46	40	25	11		
Austin-Round Rock, TX	8	9	8	9	13	4	2	4		
Baltimore-Towson, MD	59	30	31	36	33	45	23	11		
Birmingham-Hoover, AL	28	31	17	37	36	41	12	5		
Boston-Cambridge-Quincy, MA-NH	10	8	1	4	1	3	0	0		
Buffalo-Niagara Falls, NY	96	61	69	40	15	38	4	1		
Charlotte-Gastonia-Concord, NC-SC	41	12	16	25	21	33	16	2		
Chicago-Naperville-Joliet, IL-IN-WI	46	37	28	53	28	52	46	24		
Cincinnati-Middletown, OH-KY-IN	81	57	52	57	23	44	14	5		
Cleveland-Elyria-Mentor, OH	86	72	62	89	64	60	54	3		
Columbus, OH	38	12	3	20	5	13	4	1		
Dallas-Fort Worth-Arlington, TX	40	40	32	56	39	16	20	19		
Denver-Aurora, CO	15	23	4	10	21	16	4	4		
Detroit-Warren-Livonia, MI	54	37	37	62	38	35	24	9		
Hartford-West Hartford-East Hartford, CT	34	13	11	19	15	24	10	3		
Houston-Sugar Land-Baytown, TX	44	55	42	58	35	28	18	18		
Indianapolis-Carmel, IN	51	36	22	54	33	38	7	6		
Jacksonville, FL	57	8	15	20	34	15	10	3		
Kansas City, MO-KS	26	45	33	42	65	34	36	41		
Las Vegas-Paradise, NV	12	10	4	8	12	7	0	0		
Los Angeles-Long Beach-Santa Ana, CA	110	120	106	65	63	60	68	54		
Louisville/Jefferson County, KY-IN	62	58	54	71	51	75	44	25		
Memphis, TN-MS-AR	34	29	11	37	30	35	10	4		
Miami-Fort Lauderdale-Pompano Beach, FL	5	4	11	4	11	10	5	2		
Milwaukee-Waukesha-West Allis, WI	21	17	6	21	6	11	3	5		
Minneapolis-St. Paul-Bloomington, MN-WI	5	15	11	11	1	5	1	2		
Nashville-Davidson-Murfreesboro-Franklin, TN	36	20	7	26	17	34	9	1		
New Orleans-Metairie-Kenner, LA	4	15	12	13	13	17	2	6		
New York-Northern New Jersey-Long Island, NY-NJ-PA	63	39	39	47	42	39	29	11		
Oklahoma City, OK	10	13	6	12	31	4	4	5		
Orlando-Kissimmee, FL	5	4	5	8	8	8	1	0		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	97	77	38	59	53	45	29	7		
Phoenix-Mesa-Scottsdale, AZ	22	26	9	23	25	11	11	6		
Pittsburgh, PA	131	116	94	96	68	78	60	43		
Portland-Vancouver-Beaverton, OR-WA	7	2	4	4	2	5	3	5		
Providence-New Bedford-Fall River, RI-MA	38	18	10	20	15	14	4	1		
Richmond, VA	46	19	12	29	17	24	17	1		
Riverside-San Bernardino-Ontario, CA	177	160	148	141	128	135	124	110		
Rochester, NY	16	5	0	0	1	5	2	0		
Sacramento-Arden-Arcade-Roseville, CA	90	67	56	58	74	40	45	29		
Salt Lake City, UT	33	21	36	26	20	27	17	16		
San Antonio, TX	26	18	6	10	8	3	7	3		
San Diego-Carlsbad-San Marcos, CA	35	41	27	26	39	33	35	25		
San Francisco-Oakland-Fremont, CA	26	13	10	6	19	5	12	4		
San Jose-Sunnyvale-Santa Clara, CA	24	14	7	4	13	3	13	6		
Seattle-Tacoma-Bellevue, WA	13	10	4	6	10	9	7	8		
St. Louis, MO-IL	89	68	34	79	29	41	21	9		
Tampa-St. Petersburg-Clearwater, FL	81	69	38	30	21	31	10	6		
Virginia Beach-Norfolk-Newport News, VA-NC	33	10	6	12	13	11	16	0		
Washington-Arlington-Alexandria, DC-VA-MD-WV	58	29	25	40	32	37	16	4		

**KEY:** AQI = Air Quality Index; R = revised.

**NOTES:** The Air Quality Index (AQI) integrates information on 6 major pollutants (particulate matter less than 10 microns in diameter, particulate matter less than 2.5 microns in diameter, sulfur dioxide, carbon monoxide, ozone, and nitrogen dioxide) across an entire monitoring network into a single number that represents the worst daily air quality experienced in an urban area. An AQI greater than 100 indicates that at least 1 criteria pollutant exceeded air quality standards on a given day; therefore, air quality would be in the unhealthful range on that day.

Metropolitan area rank is based on U.S. Census Bureau's population estimates for July 1, 2000 and geographic definitions for 2000 available at <http://www.census.gov/popest/metro/CBSA-est2009-annual.html> as of Jul. 12, 2011. The U.S. Environmental Protection Agency reports data for metropolitan areas as they were defined in 2000.

**SOURCES:** U.S. Environmental Protection Agency, Office of Air and Radiation, *Air Trends, Air Quality Index Information*, available at [http://www.epa.gov/oaqps001/airtrends/aqi\\_info.html](http://www.epa.gov/oaqps001/airtrends/aqi_info.html) as of Jul. 12, 2011.



# Section H

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## Information on Data Sources





# Information on Data Sources

## Airline freight and passenger data

The U.S. Department of Transportation's (USDOT), Research and Innovative Technology Administration (RITA), Bureau of Transportation Statistics (BTS) collects and compiles data on the volume of revenue passengers, freight, and mail traffic handled and reported by the nation's large certificated air carriers. These carriers hold Certificates of Public Convenience and Necessity (CPCN) issued by the USDOT authorizing the performance of air transportation. Large certificated air carriers operate aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds or conduct international operations. Data for commuters, intrastate, nonscheduled air taxi operators, and foreign flag air carriers are not included.

### Additional information:

Contact: USDOT, RITA, Bureau of Transportation Statistics, Office of Airline Information

Internet: <http://www.bts.gov>

## Commodity Flow Survey

The Commodity Flow Survey (CFS) provides data on the movement of freight by type of commodity shipped and by mode of transport. In 2007, approximately 100,000 domestic establishments were randomly selected from a universe of approximately 750,000 engaged in mining, manufacturing, wholesale trade, warehouses and managing offices of multi-establishment companies, and some selected activities in retail and services based on the 2002 NAICS classification system. The survey excluded establishments classified as farms, forestry, fisheries, governments, construction, transportation, foreign establishments, and most services and retail trade establishments. For the 2007 CFS, each selected establishment reported on average about 25 of its outbound shipments for a one-week period in each of four calendar quarters in 2007. This produced a total sample of over 2.4 million shipments. Due to industry-wide reporting problems, shipments by oil and gas extraction establishments were excluded from data tabulations.

For each sampled 2007 CFS shipment, zip code of origin and destination, 5-digit Standard Classification of Transported Goods (SCTG) code, weight, value, and modes of transport were provided. Information on whether the shipment was a hazardous material or an export was also obtained. The miles traveled by each shipment was determined using the shipment information reported by the respondents, and a software tool, called GeoMiler, that has been developed by the Bureau of Transportation Statistics (BTS) in partnership with MacroSys Research and Technology (MacroSys) for estimating freight travel. Distance was used to compute ton-mileage by mode of transport. The 2007 CFS also provides nationwide geographic coverage and in-state and selected sub-state areas.

### Additional information:

Contact: USDOT, RITA, Bureau of Transportation Statistics

Print source: USDOT, RITA, Bureau of Transportation Statistics and U.S. Department of Commerce (USDOC), U.S. Census Bureau, *2007 Commodity Flow Survey* (Washington, DC: 2009).

Internet: <http://www.bts.gov> and <http://www.census.gov>

## Commuting data

Commuting data are from the American Community Survey (ACS), a nationwide Census Bureau survey designed to replace the long form in the decennial census. Instead of collecting data every ten years, the data collection occurs continuously. The ACS uses a series of monthly samples to produce annually updated data. This survey has an

annual sample of three million housing units and will provide estimates of demographic, housing, social, and economic characteristics every year for states, cities, counties, metropolitan areas, and other geographic areas. Data products based on twelve-month periods are already available for geographic areas of 65,000 and greater population. Data products based on thirty-six-month periods are available starting in 2008 for geographic areas of 20,000 and greater population. Data products based on sixty-month periods are available as of 2010 for all geographic areas. Once the data products based on sample periods of more than twelve months are released for the first time, they will be released annually thereafter.

## **Additional information:**

Contact: USDOC, U.S. Census Bureau

Internet: <http://www.census.gov>

## **Gas and hazardous liquid pipeline data**

Fatality and injury data for natural gas pipelines and hazardous liquid pipelines are based on reports filed with the USDOT, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety under 49 CFR 191 and 49 CFR 195. Accidents must be reported as soon as possible, but no later than 30 days after discovery. Undetected releases are a possible source of error; even if subsequently detected and reported, it may not be possible to accurately reconstruct the accident. Property damage figures are estimates.

Gas pipeline incidents involve: 1) releases of gas from a pipeline or liquefied natural gas (LNG) or gas from an LNG facility that results in a) death or personal injury necessitating in-patient hospitalization, or b) estimated property damage, including cost of gas lost, of the operator or others, or both, of \$50,000 or more; 2) an event that results in an emergency shutdown of an LNG facility; or 3) an event that is significant, in the judgment of the operator, even though it did not meet the criteria of 1) or 2).

For hazardous liquid pipelines, an accident report is required for each failure in a pipeline system in which there is a release of the hazardous liquid or carbon dioxide transported resulting in any of the following: 1) explosion or fire not intentionally set by the operator; 2) loss of 50 or more gallons of hazardous liquid or carbon dioxide; 3) release to the atmosphere of more than 5 barrels (0.8 cubic meters) per day of highly volatile liquids; 4) death of any person; 5) bodily harm to any person resulting in one or more of the following: a) loss of consciousness, b) an individual being carried from the scene, c) medical treatment, or d) disability that prevents the discharge of normal duties or the pursuit of normal activities beyond the day of the accident; or 6) estimated property damage, including cost of clean-up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding \$50,000.

## **Additional information:**

Contact: USDOT, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety

Internet: <http://phmsa.dot.gov/pipeline>

## **Government transportation revenue and expenditure data**

The U.S. Department of Commerce, U.S. Census Bureau conducts an Annual Survey of Government Finances. Alternatively, every five years, in years ending in a '2' or '7', a Census of Governments, including a finance portion, is conducted. The survey coverage includes all state and local governments in the United States. For both the census and annual survey, the finance detail data encompass revenue, expenditure, debt, and assets. These data are the primary source of state and local government data used by BTS to produce *Government Transportation Financial Statistics*.

The data collection for the annual survey by the U.S. Census Bureau uses two methods: mail canvas and central collection from state sources. Data for local governments include counties, municipal, townships, special districts, and school districts. Data for state governments are compiled from state government audits, budgets, and other financial reports into the classification categories used for reporting by the Census Bureau.

Reporting of government finances by the Census Bureau involves presentation of data in uniform categories. While often similar to, or identical to, the classification used by the state or local government, there could be instances in which a significant difference exists between the name used by a state for a financial item and the final category to which it is assigned by the Census Bureau.

Like financial transactions are combined. The financial categories for revenue involve grouping of items by source. Revenue items of the same kind are merged. Financial transactions for expenditures are classified both by function and by object category. Debt items are classified by term (short and long term), as well as by type of debt and, to a limited extent, by purpose. Assets also are put into uniform categories, grouped by type of holding, with holdings for insurance trust systems grouped separately from general government.

The share of government sector financial totals contributed by a state government or by local governments differs materially from one state to another. Users can review the *Government Finance and Employment Classification Manual* for additional information regarding the financial categories. The financial amounts in the tables and files are statistical in nature and do not represent accounting statements or conditions.

The local government statistics are developed from a sample survey. Therefore, the local totals, as well as state and local aggregates, are considered estimated amounts subject to sampling error. State government finance data are not subject to sampling. Consequently, state-local aggregates for individual states are more reliable (on a relative standard error basis) than the local government estimates they include.

## **Additional information:**

Contact: USDOC, U.S. Census Bureau, Finance Branch; or USDOT, RITA Bureau of Transportation Statistics.

Internet: <http://www.census.gov> and <http://www.bts.gov>

## **Hazardous materials incidents data**

Incidents resulting in certain unintentional releases of hazardous materials must be reported under 49 CFR 171.16. Each carrier must submit a report to the USDOT, Pipeline and Hazardous Materials Safety Administration (PHMSA) within 30 days of the incident, including information on the mode of transportation involved, results of the incident, and a narrative description of the accident. These reports are generally made available on PHMSA's incident database within 90 days of receipt.

Fatalities and injuries are counted only if directly caused by a hazardous material. For example, a truck operator killed by impact forces during a motor vehicle crash would not be counted as a hazardous-material fatality. PHMSA contacts the submitting carrier by telephone to verify all reported fatalities.

Although PHMSA acknowledges there is some level of underreporting, it believes the underreporting is mostly limited to small, nonserious incidents. The reporting requirements were extended to intrastate highway carriers on Oct. 1, 1998. Property damage figures are estimates determined by the carrier prior to the 30-day reporting deadline and are generally not subsequently updated. Property damage figures, therefore, may underestimate actual damages.

## **Additional information:**

Contact: USDOT, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Planning and Analysis

Internet: [http:// phmsa.dot.gov/hazmat](http://phmsa.dot.gov/hazmat)

# Highway mileage, condition, usage, driver license, and highway vehicle registration data

Data on roadway mileage, condition, and use are extracted from the Highway Performance Monitoring System (HPMS), which uses a stratified simple random sample of highway links (small sections of roadway) selected from state inventory files. The HPMS sample was designed as a fixed sample to minimize data-collection costs, but adjustments to maintain adequate representation are carried out periodically. The HPMS also consists of universe reporting (a complete census) for the Interstate and the National Highway System, and tabular summary reporting of limited information.

Data are collected independently by the states, metropolitan planning organizations (MPOs), and other local jurisdictions. Many of the geometric data items (e.g., number of lanes) change slowly, while other data items (e.g., traffic volumes) are more dynamic over time. The U.S. Department of Transportation, Federal Highway Administration (FHWA) provides guidelines for data collection in the HPMS Field Manual, which the states follow to varying extents, depending on factors such as staff, resources, state perspective, uses of the data, and state/MPO/local needs for the data. State Departments of Transportation (DOTs) report HPMS data annually to FHWA.

HPMS data are subject to sampling and nonsampling error. Nonsampling error is the major concern with these data. For some of the most variable and important data items, such as traffic, guidelines for measurement and data collection have been produced. States have the option of using the guidelines or using their own procedures. Many data items are difficult and costly to collect and are reported as estimates not based on direct measurement. The data are collected and reported by many entities within the responsible organizations.

States provide vehicle registration data to FHWA. Vehicle registration data are shown on a calendar year basis. Efforts are made to exclude transfers, re-registrations, and any other factors that could result in duplication in the vehicle counts. Registration practices for commercial vehicles differ greatly among the states. Some states register a tractor-semitrailer combination as a single unit; others register the tractor and the semitrailer separately. Some states register buses with trucks or automobiles, while many states do not report house and light utility trailers separately from commercial trailers or semitrailers. Some states do not require registration of car or light utility trailers. In some instances, FHWA has supplemented the data supplied by the states with information obtained from other sources.

States also provide driver licensing data to FHWA. Although efforts are made to minimize license duplication, drivers who move from one state to another are sometimes counted in both states until the license from the previous state of residence expires. Problems with the data also arise because: 1) some individuals obtain their drivers licenses in states other than those of legal residence; 2) some individuals fraudulently obtain multiple licenses; 3) not all individuals who drive are licensed; and 4) the purging of expired licenses or licenses from deceased individuals is not performed on a continual basis.

## Additional information:

Contact: USDOT, Federal Highway Administration, Office of Highway Policy Information

Print source: USDOT, Federal Highway Administration, *Highway Statistics* (Washington, DC: Annual Issues).

Internet: <http://www.fhwa.dot.gov/policyinformation>

## Highway safety data

*Fatalities:* Highway fatality data are extracted from the Fatality Analysis Reporting System (FARS), which is compiled by USDOT National Highway Traffic Safety Administration (NHTSA). Data are gathered from a census of police accident reports (PARs), state vehicle registration files, state drivers licensing files, state highway department data, vital statistics, death certificates, coroner/medical examiner reports, hospital medical reports, and emergency medical service reports. A separate form is completed for each fatal crash. Blood alcohol concentration (BAC) is estimated when not known. Statistical procedures used for unknown data in the FARS can be found in the NHTSA report, A

*Method for Estimating Posterior BAC Distributions for Persons Involved in Fatal Traffic Accidents*, DOT HS 807 094 (Washington, DC: July 1986).

Data are collected from relevant state agencies and electronically submitted for inclusion in the FARs database on a continuous basis. Cross-verification of PARs with death certificates helps prevent undercounting. Moreover, when data are entered, they are checked automatically for acceptable range values and consistency, enabling quick corrections when necessary. Several programs continually monitor the data for completeness and accuracy. Periodically, sample cases are analyzed for accuracy and consistency.

FARS data do not include motor vehicle fatalities on nonpublic roads. These are thought to account for about 2 percent or fewer of the total motor vehicle fatalities per year.

*Injuries and crashes*: NHTSA's General Estimates System (GES) data are a nationally representative sample of police-reported crashes that contributed to an injury or fatality or resulted in property damage and involved at least one motor vehicle traveling on a traffic way. GES data collectors randomly sample PARs and forward copies to a central contractor for coding into a standard GES system format. Documents such as police diagrams or supporting text provided by the officers might be further reviewed to complete a data entry.

## **Additional information:**

Contact: USDOT, National Highway Traffic Safety Administration, National Center for Statistics and Analysis

Print source: USDOT, National Highway Traffic Safety Administration, *Traffic Safety Facts* (Washington, DC: Annual Issues).

Internet: <http://www.nhtsa.gov>

## **International visitors data**

Data on international visitors to the United States are based on international arrivals by air to the United States (excluding those from Canada and Mexico). Information is derived from the U.S. Department of Homeland Security Customs and Border Protection's Visitor Arrivals Program (I-94) and the U.S. Department of Commerce, Tourism Industries Office's Survey of International Air Travelers. The survey obtains data on overseas travel patterns, characteristics, and spending patterns of international travelers to and from the United States. Between 69,000 and 95,000 travelers are surveyed each year. The survey results are weighted so that they represent the international travel populations of U.S. residents and nonresidents based on U.S. Customs and Border Protection's data.

## **Additional information:**

Contact: U.S. Department of Commerce (USDOC), International Trade Administration, Tourism Industries Office

Print source: USDOC, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors to Select U.S. States and Territories* (Washington, DC: Annual Issues); and USDOC, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors to Select U.S. Cities/Hawaiian Islands* (Washington, DC: Annual Issues).

Internet: <http://tinet.ita.doc.gov>

## **Passenger border-crossing data**

U.S. Customs and Border Protection personnel collect passenger border-crossing entry data for all U.S. land, air, and maritime ports. These numbers reflect all entries, and it is not possible to divide these data into separate entries for same-day and overnight travel or by country of residence for the traveler. Additionally, for border-crossing figures, the

total number of people is not the number of unique individuals, but rather indicates the number of border crossings. Multiple crossings by the same individual count as multiple border crossings.

## **Additional information:**

Contact: USDOT, RITA, Bureau of Transportation Statistics

Internet: <http://www.bts.gov>

## **Railroad industry and shipments data**

The Association of American Railroads (AAR) database aggregates data from several sources and covers the freight railroad industry and movement of freight, both nationally and statewide. The state-level data include commerce, employment, and financial contributions.

The primary source of data for Class I railroads is Schedule 702 of the R-1 Annual Report to the Surface Transportation Board (STB) by individual carriers (100 percent reporting) and the Carload Waybill Sample. The primary source of data for non-Class I railroads is AAR's Profiles of U.S. Railroads from statistics supplied annually by nearly all operating U.S. freight railroads. Some of the data are estimated based on more aggregated, national figures.

The STB defines Class I railroads as having operating revenues at or above a threshold indexed to a base of \$250 million (1991) and adjusted annually in concert with changes in the Railroad Freight Rate Index published by the Bureau of Labor Statistics. In 2009, the STB Class I threshold was annual operating revenue of \$378.8 million. Declassification from Class I status occurs when a railroad falls below the applicable threshold for three consecutive years. Although few in number, Class I railroads account for over 90 percent of the industry's revenue.

AAR determines the number of non-Class I railroads through an annual survey sent to each U.S. freight railroad.

Historical reliability may vary due to changes in the railroad industry, including bankruptcies, mergers, and declassification by STB. Small data errors may also have occurred because of independent rounding in this series by AAR.

## **Additional information:**

Contact: AAR, Policy and Economics Department

Internet: <http://www.aar.org>

## **Railroad safety data**

Railroads are required to file a report for each accident or incident to the Federal Railroad Administration (FRA). These include: 1) train accidents, reported on Form F 6180.54, comprised of collisions, derailments, and other events involving the operation of on-track equipment and causing reportable damage above an established threshold (\$8,900 for 2009); 2) highway-rail grade crossing incidents, reported on Form F 6180.57, involving an impact between railroad on-track equipment and highway users at crossings; and 3) other incidents, reported on Form F 6180.55a, involving all other reportable incidents or exposures that cause a fatality or injury to any person or an occupational illness to a railroad employee.

Railroads are required by FRA regulations to use the current *FRA Guide for Preparing Accident/Incident Reports* when preparing reports.

The Systems Support Division of FRA maintains the Railroad Accident/Incident Reporting System (RAIRS), consisting of four databases: rail equipment, injury/illness, grade-crossing accidents, and railroad summary (freight and passenger). These databases include information on all railroad accidents, grade-crossing accidents, railroad employee casualties, and any other injuries on railroad property, and provide the basis for accident analyses and assessment as well as annual reports. The databases are updated monthly from information submitted by the railroads.

## **Additional information:**

Contact: USDOT, Federal Railroad Administration, Office of Safety

Print publication: USDOT, Federal Railroad Administration, *Railroad Safety Statistics* (Washington, DC: Annual Issues).

Internet: <http://www.fra.dot.gov>

## **Recreational boating safety and registration data**

The U.S. Coast Guard, of the U.S. Department of Homeland Security, collects data on recreational boating accidents from two sources: 1) Boating Accident Report (BAR) data forwarded to the Coast Guard by jurisdictions with an approved boat numbering and casualty reporting system, and 2) reports of Coast Guard investigations of fatal boating accidents that occurred on waters under federal jurisdiction. Recreational Boating Accident Investigation data are used if submitted to the Coast Guard and are relied on as much as possible to provide accident statistics. In the absence of investigations, information is collected from reports filed by boat operators.

Boat operators are required to file a BAR if an accident results in 1) loss of life, 2) personal injury that requires medical treatment beyond first aid, 3) damage to the vessel and other property exceeding \$2,000, or complete loss of the vessel, or 4) disappearance of a person from the vessel under circumstances that indicate death or injury.

Boat operators are required to report their accidents to authorities in the state where the accident occurred. States with approved boat numbering systems furnish the Coast Guard with BAR data. The minimum reporting requirements are set by federal regulation, but states are allowed to have stricter requirements. The Coast Guard reports recreational boating safety data in their report *Boating Statistics*, which covers accidents meeting the federal minimum reporting requirements.

The data in *Boating Statistics* cover boating accidents reported on waters of joint federal and state jurisdiction and exclusive state jurisdiction.

The Coast Guard believes nearly all fatal accidents and most boating accidents that result in serious injury (i.e., hospital admission) are included in *Boating Statistics*. A smaller percentage of nonfatal accidents are reported because of reporting thresholds, ignorance of the law, and difficulties enforcing the law. Federal law does not require the reporting of accidents on private waters where states have no jurisdiction. Reports of accidents on such waters are included when received by the Coast Guard if they satisfy the other requirements of inclusion. Accidents excluded are those in which the boat was used as a platform for other activities (e.g., swimming), and those in which a person dies of natural causes aboard a boat. However, the data do include accidents involving people in the water who are struck by their boat or another boat.

## **Additional information:**

Contact: U.S. Department of Homeland Security (USDHS), U.S. Coast Guard, Office of Boating Safety

Print source: USDHS, U.S. Coast Guard, Office of Boating Safety, *Boating Statistics* (Washington, DC: Annual Issues).

Internet: <http://www.uscgboating.org>



## Transborder surface freight data

The TransBorder Surface Freight Data is extracted from the Census Bureau's Foreign Trade Statistics Program and made available by the Bureau of Transportation Statistics. Import and export data are extracted from administrative records required by the Departments of Commerce and Treasury. This dataset incorporates all shipments entering or exiting the United States by surface modes of transport (i.e., other than air or maritime vessel) to and from Canada or Mexico. Prior to January 1997, this dataset also included transshipments in its detailed tables (i.e., shipments entering or exiting the United States by way of U.S. Customs ports on the northern or southern borders, even when the actual origin or final destination of the goods was other than Canada or Mexico). Shipments that neither originate nor terminate in the United States (i.e., intransit shipments) are beyond the scope of this dataset because they are not considered U.S. international trade shipments.

Users should be aware that the trade data fields (e.g., value and commodity classification) are typically more rigorously reviewed than transportation data fields (i.e., mode of transportation and port of entry/exit). Also, although this dataset provides surface transportation information for individual Customs districts and ports on the northern and southern borders, filing procedures for trade documents do not always correspond to the port where goods physically crossed the border. This is because the filer of information may choose to file trade documents at one port, while shipments actually enter or exit at another port.

Import data are generally more accurate than export data primarily because Customs uses import documents for enforcement purposes, while it performs no similar function for exports.

### Additional information:

Contact: USDOT, RITA, Bureau of Transportation Statistics

Internet: <http://www.bts.gov/>

## Transit operating, financial, and safety data

Transit data are from the National Transit Database (NTD) produced by the USDOT, Federal Transit Administration (FTA). Data are collected from transit agencies that receive Urbanized Area Formula Program funds. Transit operators that do not report to FTA are those that do not receive federal funding, typically private, small, and rural operators. FTA reviews and validates information submitted by individual transit agencies. Reliability may vary because some transit agencies cannot obtain accurate information or may interpret certain data definitions differently than intended.

In 2009, 719 agencies submitted data to the NTD. Of that total, 101 transit agencies received exemptions from detailed reporting because they operated 9 or fewer vehicles and 15 received a waiver from detailed reporting. Thus, 603 individual reporters were included in the NTD.

Data are collected on a range of variables including capital and operating funding, transit service supplied and consumed, and transit safety and security. Transit operators must report fatalities, injuries, accidents, incidents, and property damage in excess of \$25,000.

### Additional information:

Contact: USDOT, Federal Transit Administration

Print source: USDOT, Federal Transit Administration, *Data Tables* (Washington, DC: Annual Issues); and USDOT, Federal Transit Administration, *National Transit Database Reporting Manual* (Washington, DC: Annual Issues).

Internet: <http://www.ntdprogram.gov/ntdprogram/>

## Transportation establishment, employees, and payroll data

Data on employees, establishments, and payroll are taken from County Business Patterns, a database of employment in the United States using the North American Industry Classification System (NAICS). Data are collected annually. Data are extracted from the Business Register, the Census Bureau's file of all known single and multi-establishment companies. The Annual Company Organization Survey and quinquennial Economic Censuses provide individual establishment data for multi-location firms. Data for single-location firms are obtained from various programs conducted by the Census Bureau, such as the Economic Censuses, the Annual Survey of Manufacturer, and Current Business Surveys. They are also obtained from administrative records of the Internal Revenue Service, the Social Security Administration, and the Bureau of Labor Statistics.

### Additional information:

Contact: USDOC, U.S. Census Bureau, Economic Planning and Coordination Division

Internet: <http://www.census.gov/econ/cbp/index.html>

## Waterborne shipments data

The U.S. Army Corps of Engineers' (Corps) Navigation Data Center (NDC) collects data on waterborne commodity and vessel movements, domestic commercial vessel characteristics, port and waterway facilities, and navigation dredging projects.

The NDC's databases contain information on physical characteristics, infrastructure, and commodities for principal facilities on the U.S. coast, Great Lakes, and inland ports. The data consist of listings of port area's waterfront facilities, including information on berthing, cranes, transit sheds, grain elevators, marine repair plants, fleeting areas, and docking and storage facilities.

All vessel operators of record report their domestic waterborne traffic movements to the Corps via ENG Forms 3925 and 3925b. Cargo movements are reported according to points of loading and unloading. Excluded cargo movements are: 1) cargo carried on general ferries, 2) coal and petroleum products loaded from shore facilities directly into vessels for fuel use, 3) military cargo moved in U.S. Department of Defense vessels, and 4) cargo weighing less than 100 tons moved on government equipment. The Corps calculates ton-miles by multiplying the cargo's tonnage by the distance between points of loading and unloading.

An annual survey of companies that operate inland waterway vessels is the principal source of data for inland nonself-propelled, self-propelled, flag passenger, and cargo vessels. More than 3,000 surveys are sent to these companies, and response rates are typically above 90 percent.

### Additional information:

Contact: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center

Print source: U.S. Army Corps of Engineers, *Waterborne Commerce of the United States* (New Orleans, LA: Annual Issues).

Internet: <http://www.ndc.iwr.usace.army.mil/wcsc/wcsc.htm>



# Section I

\* \* \*

## Appendices and Glossary



## Appendix 1: Data Sources and Availability

Publication/database	Source	Website	Tables	Update available (approx.)
Air Carrier Activity Information System (ACAIS)	U.S. DOT, Federal Aviation Administration, Office of Airports	<a href="http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcar.go_stats/passenger/">http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcar.go_stats/passenger/</a>	3-9	4th quarter 2010
Airport Data	U.S. DOT, Federal Aviation Administration, Office of Aeronautical Information Services	<a href="http://www.faa.gov/airports/airport_safety/">http://www.faa.gov/airports/airport_safety/</a>	1-10	Bimonthly
Air Traffic Statistics	U.S. DOT, RITA, Bureau of Transportation Statistics, Office of Airline Information	<a href="http://www.bts.gov">http://www.bts.gov</a>	1-11, 1-12, 3-8, 4-6, 4-7	3rd quarter 2010
Air Trends	U.S. EPA, Office of Air and Radiation U.S. DOE, Office of Energy Efficiency and Renewable Energy, Alternative Fuels and	<a href="http://www.epa.gov/air/airtrends/index.html">http://www.epa.gov/air/airtrends/index.html</a>	7-7	4th quarter 2010
Alternative Fueling Stations	Advanced Vehicles Data Center	<a href="http://www.afdc.energy.gov/afdc/">http://www.afdc.energy.gov/afdc/</a>	7-6	Monthly
Alternatives to Traditional Transportation Fuels	U.S. DOE, Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels	<a href="http://www.eia.gov/renewable/">http://www.eia.gov/renewable/</a>	7-5	4th quarter 2010
Boating Statistics	U.S. Coast Guard	<a href="http://www.uscgboating.org">http://www.uscgboating.org</a>	2-17, 2-18, 5-6	4th quarter 2010
Border Crossing Data	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international">http://www.bts.gov/programs/international</a>	4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-19, 4-20	2nd quarter 2010
American Community Survey	U.S. Census Bureau	<a href="http://www.census.gov/acs/www/">http://www.census.gov/acs/www/</a>	4-1	3rd quarter 2010
Commodity Flow Survey	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/publications/commodity_flow_survey/">http://www.bts.gov/publications/commodity_flow_survey/</a>	3-1, 3-2, 3-3	2010
County Business Patterns	U.S. Census Bureau	<a href="http://www.census.gov/econ/cbp/index.html">http://www.census.gov/econ/cbp/index.html</a>	6-1, 6-2, 6-3, 6-4, 6-5, 6-6	2nd quarter 2010
Cruise Passenger Statistics	U.S. DOT, Maritime Administration	<a href="http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm">http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm</a>	4-8	4th quarter 2010
General Aviation and Air Taxi Activity Survey	U.S. DOT, Federal Aviation Administration	<a href="http://www.faa.gov/data_statistics/aviation_data_statistics/general_aviation">http://www.faa.gov/data_statistics/aviation_data_statistics/general_aviation</a>	5-7	3rd quarter 2010
Government Transportation Financial Statistics	U.S. Census Bureau	<a href="http://www.census.gov/govs/estimate/">http://www.census.gov/govs/estimate/</a>	6-8, 6-9	4th quarter 2010
Hazmat Summary by State	U.S. DOT, PHMSA, Office of Hazardous Material Safety	<a href="http://www.phmsa.dot.gov/hazmat/incident-report">http://www.phmsa.dot.gov/hazmat/incident-report</a>	2-19, 2-20	1st quarter 2010
Highway Statistics	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm">http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm</a>	1-1, 1-2, 1-4, 2-1, 4-2, 5-1, 5-2, 5-3, 5-4, 6-12, 7-4	4th quarter 2010
Maximum Posted Speed Limits for Passenger Vehicles	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/laws/state_laws/speed_limit_laws.html">http://www.iihs.org/laws/state_laws/speed_limit_laws.html</a>	2-9	Monthly
Motorcycle and Bicycle Helmet Laws	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/laws/state_laws/helmet_current.html">http://www.iihs.org/laws/state_laws/helmet_current.html</a>	2-5	Monthly
National Bridge Inventory	U.S. DOT, Federal Highway Administration, Office of Bridge Technology	<a href="http://www.fhwa.dot.gov/bridge/brtab.cfm">http://www.fhwa.dot.gov/bridge/brtab.cfm</a>	1-5, 1-6, 1-7	1st quarter 2010
National Transit Database	U.S. DOT, Federal Transit Administration	<a href="http://www.ntdprogram.gov">http://www.ntdprogram.gov</a>	1-8, 1-9, 2-16, 4-3, 4-4	3rd quarter 2010
Overseas Visitors to Selected U.S. States and Territories and Overseas Visitors to Select U.S. Cities/Hawaiian Islands	U.S. Dept. of Commerce, International Trade Administration, Office of Travel & Tourism Industries	<a href="http://tinet.ita.doc.gov/">http://tinet.ita.doc.gov/</a>	4-21, 4-22	1st quarter 2010
Gasoline Prices by Formulation, Grade, Sales Type	U.S. DOE, Energy Information Administration	<a href="http://tonto.eia.doe.gov/dnav/pet/pet_prices_alling_a_EPM0_PTA_cpqal_a.htm">http://tonto.eia.doe.gov/dnav/pet/pet_prices_alling_a_EPM0_PTA_cpqal_a.htm</a>	6-11	3rd quarter 2010
Pipeline Statistics	U.S. DOT, PHMSA, Office of Pipeline Safety	<a href="http://www.phmsa.dot.gov/pipeline">http://www.phmsa.dot.gov/pipeline</a>	2-21, 2-22, 2-23	1st quarter 2010

Maritime Statistics	U.S. DOT, MARAD, Office of Statistical and Economic Analysis	<a href="http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm">http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm</a>	3-6, 3-7	1st quarter 2010
Railroad Safety Statistics Annual Report	U.S. DOT, Federal Railroad Administration, Office of Railway Safety	<a href="http://safetydata.fra.dot.gov/OfficeofSafety">http://safetydata.fra.dot.gov/OfficeofSafety</a>	2-10, 2-11, 2-12, 2-13, 2-14, 2-15	4th quarter 2010
Railroads and States	Association of American Railroads	<a href="http://www.aar.org">http://www.aar.org</a>	1-13, 1-14, 3-4, 6-7	4th quarter 2010
Safety Belt Use	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/">http://www-nrd.nhtsa.dot.gov/</a>	2-6	2nd quarter 2010
State Energy Data System	U.S. Dept. of Energy, Energy Information Administration	<a href="http://www.eia.doe.gov/emeu/states/_seeds.html">http://www.eia.doe.gov/emeu/states/_seeds.html</a>	7-1, 7-2, 7-3	1st quarter 2010
State Fact Sheets	National Passenger Railroad Corporation (Amtrak), News & Media	<a href="http://www.amtrak.com/servlet/ContentServer/Page/1241256467960/1237608345018">http://www.amtrak.com/servlet/ContentServer/Page/1241256467960/1237608345018</a>	4-5	Annually
Survey of State Funding for Public T Officials	American Association of State Highway and Transportation Officials	<a href="https://bookstore.transportation.org/item_details.aspx?ID=1588">https://bookstore.transportation.org/item_details.aspx?ID=1588</a>	6-10	2010
Toll Facilities in the United States: Bridges-Roads-Tunnels-Ferries	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/ohim/tollpage.htm">http://www.fhwa.dot.gov/ohim/tollpage.htm</a>	1-3	4th quarter 2009
Fatality Analysis Reporting System Encyclopedia	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/Cats/index.aspx">http://www-nrd.nhtsa.dot.gov/Cats/index.aspx</a>	2-1, 2-2, 2-3, 2-4, 2-7, 2-8	4th quarter 2010
Transborder Surface Freight Data	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international/transborder/">http://www.bts.gov/programs/international/transborder/</a>	3-10, 3-11, 3-24	1st quarter 2010
Urban Mobility Report	Texas Transportation Institute	<a href="http://mobility.tamu.edu/ums/">http://mobility.tamu.edu/ums/</a>	5-5	3rd quarter 2010
U.S. Civil Airmen Statistics	U.S. DOT, Federal Aviation Administration	<a href="http://www.faa.gov/data_research/aviation_data_statistics/civil_airmen_statistics/">http://www.faa.gov/data_research/aviation_data_statistics/civil_airmen_statistics/</a>	5-8	3rd quarter 2010
Waterborne Commerce in the United States	U.S. Army Corps of Engineers, Navigation Data Center	<a href="http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm">http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm</a>	1-15, 1-16, 3-5	4th quarter 2010

**KEY:** PHMSA = Pipeline and Hazardous Materials Safety Administration; MARAD = Maritime Administration; RITA = Research and Innovative Technology Administration; U.S. DOE = U.S. Department of Energy; U.S. DOT = U.S. Department of Transportation; U.S. EPA = U.S. Environmental Protection Agency.

## Appendix 2: State Departments of Transportation Contact Information

State	Agency	Website address	Telephone
Alabama	Alabama Department of Transportation	<a href="http://www.dot.state.al.us">www.dot.state.al.us</a>	(334) 242-6358
Alaska	Alaska Department of Transportation and Public Facilities	<a href="http://www.dot.state.ak.us">www.dot.state.ak.us</a>	(907) 465-3901
Arizona	Arizona Department of Transportation	<a href="http://www.azdot.gov">www.azdot.gov</a>	(602) 712-7355
Arkansas	Arkansas State Highway and Transportation Department	<a href="http://www.arkansashighways.com">www.arkansashighways.com</a>	(501) 569-2000
California	California Department of Transportation	<a href="http://www.dot.ca.gov">www.dot.ca.gov</a>	(916) 654-5266
Colorado	Colorado Department of Transportation	<a href="http://www.coloradodot.info">www.coloradodot.info</a>	(303) 757-9011
Connecticut	Connecticut Department of Transportation	<a href="http://www.ct.gov/dot">www.ct.gov/dot</a>	(860) 594-2000
Delaware	Delaware Department of Transportation	<a href="http://www.deldot.gov">www.deldot.gov</a>	(302) 760-2080
District of Columbia	District Department of Transportation	<a href="http://www.ddot.dc.gov">www.ddot.dc.gov</a>	(202) 673-6813
Florida	Florida Department of Transportation	<a href="http://www.dot.state.fl.us">www.dot.state.fl.us</a>	(850) 414-4100
Georgia	Georgia Department of Transportation	<a href="http://www.dot.state.ga.us">www.dot.state.ga.us</a>	(404) 656-5267
Hawaii	State of Hawaii Department of Transportation	<a href="http://www.hawaii.gov/dot">www.hawaii.gov/dot</a>	(808) 587-2160
Idaho	Idaho Transportation Department	<a href="http://www.itd.idaho.gov">www.itd.idaho.gov</a>	(208) 334-8000
Illinois	Illinois Department of Transportation	<a href="http://www.dot.state.il.us">www.dot.state.il.us</a>	(217) 782-7820
Indiana	Indiana Department of Transportation	<a href="http://www.iowadot.gov">www.iowadot.gov</a>	(317) 232-5533
Iowa	Iowa Department of Transportation	<a href="http://www.dot.state.ia.us">www.dot.state.ia.us</a>	(515) 239-1101
Kansas	Kansas Department of Transportation	<a href="http://www.ksdot.org">www.ksdot.org</a>	(785) 296-3566
Kentucky	Kentucky Transportation Cabinet	<a href="http://www.transportation.ky.gov">www.transportation.ky.gov</a>	(502) 564-4890
Louisiana	Louisiana Department of Transportation and Development	<a href="http://www.dotd.louisiana.gov">www.dotd.louisiana.gov</a>	(225) 379-1200
Maine	Maine Department of Transportation	<a href="http://www.maine.gov/mdot">www.maine.gov/mdot</a>	(207) 624-3000
Maryland	Maryland Department of Transportation	<a href="http://www.mdot.state.md.us">www.mdot.state.md.us</a>	(410) 865-1142
Massachusetts	Massachusetts Department of Transportation	<a href="http://www.massdot.state.ma.us">www.massdot.state.ma.us</a>	(617) 973-7000
Michigan	Michigan Department of Transportation	<a href="http://www.michigan.gov/mdot">www.michigan.gov/mdot</a>	(517) 373-2090
Minnesota	Minnesota Department of Transportation	<a href="http://www.dot.state.mn.us">www.dot.state.mn.us</a>	(651) 296-3000
Mississippi	Mississippi Department of Transportation	<a href="http://www.gomdot.com">www.gomdot.com</a>	(601) 359-7017
Missouri	Missouri Department of Transportation	<a href="http://www.modot.mo.gov">www.modot.mo.gov</a>	(573) 751-2551
Montana	Montana Department of Transportation	<a href="http://www.mdt.mt.gov">www.mdt.mt.gov</a>	(406) 444-6200
Nebraska	Nebraska Department of Roads	<a href="http://www.dor.state.ne.us">www.dor.state.ne.us</a>	(402) 471-4567
Nevada	Nevada Department of Transportation	<a href="http://www.nevadadot.com">www.nevadadot.com</a>	(775) 888-7000
New Hampshire	New Hampshire Department of Transportation	<a href="http://www.nh.gov/dot">www.nh.gov/dot</a>	(603) 271-3734
New Jersey	New Jersey Department of Transportation	<a href="http://www.state.nj.us/transportation">www.state.nj.us/transportation</a>	(609) 292-6500
New Mexico	New Mexico Department of Transportation	<a href="http://www.nmshtd.state.nm.us">www.nmshtd.state.nm.us</a>	(505) 827-5100
New York	New York State Department of Transportation	<a href="http://www.nysdot.gov">www.nysdot.gov</a>	(518) 457-6195
North Carolina	North Carolina Department of Transportation	<a href="http://www.ncdot.org">www.ncdot.org</a>	(919) 733-2520
North Dakota	North Dakota Department of Transportation	<a href="http://www.dot.nd.gov">www.dot.nd.gov</a>	(701) 328-2500
Ohio	Ohio Department of Transportation	<a href="http://www.dot.state.oh.us">www.dot.state.oh.us</a>	(614) 466-7170
Oklahoma	Oklahoma Department of Transportation	<a href="http://www.okladot.state.ok.us">www.okladot.state.ok.us</a>	(405) 522-8000
Oregon	Oregon Department of Transportation	<a href="http://www.oregon.gov/odot">www.oregon.gov/odot</a>	(888) 275-6368
Pennsylvania	Pennsylvania Department of Transportation	<a href="http://www.dot.state.pa.us">www.dot.state.pa.us</a>	(717) 787-2838
Rhode Island	Rhode Island Department of Transportation	<a href="http://www.dot.state.ri.us">www.dot.state.ri.us</a>	(401) 222-2450
South Carolina	South Carolina Department of Transportation	<a href="http://www.scdot.org">www.scdot.org</a>	(803) 737-2314
South Dakota	South Dakota Department of Transportation	<a href="http://www.sddot.com">www.sddot.com</a>	(605) 773-3265
Tennessee	Tennessee Department of Transportation	<a href="http://www.tdot.state.tn.us">www.tdot.state.tn.us</a>	(615) 741-2848
Texas	Texas Department of Transportation	<a href="http://www.dot.state.tx.us">www.dot.state.tx.us</a>	(512) 463-8585
Utah	Utah Department of Transportation	<a href="http://www.udot.utah.gov">www.udot.utah.gov</a>	(801) 965-4000
Vermont	Vermont Agency of Transportation	<a href="http://www.aot.state.vt.us">www.aot.state.vt.us</a>	(802) 828-2657
Virginia	Virginia Department of Transportation	<a href="http://www.virginiadot.org">www.virginiadot.org</a>	(804) 786-2801
Washington	Washington State Department of Transportation	<a href="http://www.wsdot.wa.gov">www.wsdot.wa.gov</a>	(360) 705-7000
West Virginia	West Virginia Department of Transportation	<a href="http://www.transportation.wv.gov">www.transportation.wv.gov</a>	(304) 558-0103
Wisconsin	Wisconsin Department of Transportation	<a href="http://www.dot.state.wi.us">www.dot.state.wi.us</a>	(608) 266-1113
Wyoming	Wyoming Department of Transportation	<a href="http://www.dot.state.wy.us">www.dot.state.wy.us</a>	(307) 777-4375
United States	U.S. Department of Transportation	<a href="http://www.dot.gov">www.dot.gov</a>	(202) 366-4000



# Glossary

**Air taxi:** For-hire passenger or cargo aircraft operations in accordance with Federal Aviation Regulations (FAR) Part 135. An air taxi operates on an on-demand basis and does not meet the flight schedule qualifications of a commuter air carrier.

**British thermal unit (Btu):** The amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit (F) at or near 39.2 degrees F and 1 atmosphere of pressure.

**Certificated airport:** An airport holding an operating certificate issued by the Federal Aviation Administration in accordance with Code of Federal Regulations (CFR) Title 14, Chapter 1, Part 139 allowing it to serve scheduled or nonscheduled air carrier aircraft designed for more than 30 passengers.

**Class I (rail):** As defined by the Surface Transportation Board in 2009, a Class I Railroad is a railroad with operating revenues of at least \$378.8 million.

**Commuter rail:** Urban passenger train service for short-distance travel between a central city and adjacent suburb. Does not include rapid rail transit or light rail transit service.

**Container:** A box-like device used to store, protect, and handle a number of packages or items as a unit of transit that can be interchanged between trucks, trains, and ships without rehandling the contents.

**Controlled right-of-way:** Lanes restricted for at least a portion of the day for use by transit vehicles and other high occupancy vehicles (HOVs).

**Demand responsive:** Transit service provided without a fixed route and without a fixed schedule that operates in response to calls from passengers or their agents to the transit operator or dispatcher. Service is usually provided using cars, vans, or buses with fewer than 25 seats.

**Directional route-miles:** The mileage in each direction over which public transportation vehicles travel while in revenue service. Directional route-miles are a measure of the facility or roadway, not the service carried on the facility such as the number of routes or vehicle-miles. Directional route-miles are computed with regard to direction of service, but without regard to the number of traffic lanes or rail tracks existing in the right-of-way.

**Dry-bulk carrier (water):** A ship with specialized holds for carrying dry cargo such as coal, grain, and iron ore in unpackaged bulk form.

**Enplanements:** The total number of revenue passengers boarding aircraft.

**Exclusive right-of-way:** Lanes reserved at all times for transit use and other high occupancy vehicles (HOVs).

**Ferryboat (transit):** Vessels that carry passengers and/or vehicles over a body of water. Generally steam or diesel-powered, ferryboats may also be hovercraft, hydrofoil, and other high-speed vessels. The vessel is limited in its use to the carriage of deck passengers or vehicles or both, operates on a short run on a frequent schedule between two points over the most direct water routes other than in ocean or coastwise service, and is offered as a public service of a type normally attributed to a bridge or tunnel.

**Full containership:** Ships equipped with permanent container cells, with little or no space for other types of cargo.

**General aviation:** Civil aviation activity except that of air carriers operated in accordance with Federal Aviation Regulation (FAR) Parts 121, 123, 127, and 135. The types of aircraft used in general aviation range from corporate multi-engine jet aircraft piloted by professional crews to amateur-built single engine piston acrobatic planes, balloons, and dirigibles.

**Heavy rail:** An electric railway with the capacity to transport a heavy volume of passenger traffic and characterized by exclusive rights-of-way, multicar trains, high speed, rapid acceleration, sophisticated signaling, and high-platform loading. Also known as “subway,” “elevated (railway),” or metropolitan railway (metro).”

**Light rail:** A streetcar-type vehicle operated on city streets, semi-exclusive rights-of-way, or exclusive rights-of-way. Service may be provided by step-entry vehicles or by level boarding.

**Local railroad:** A railroad which is neither a Class I nor a Regional Railroad, and is engaged primarily in line-haul services.

**Major arterial highway:** A major highway used primarily for through traffic.

**Metric ton:** 2,205 pounds (2,000 pounds divided by 0.907).

**Minor arterial:** In rural areas, roads linking cities and larger towns. In urban areas, roads distributing trips to small geographic areas but not penetrating identifiable neighborhoods.

**Minor collector highway:** In rural areas, routes that serve intracounty rather than statewide travel. In urban areas, streets that provide direct access to neighborhoods and arterials.

**Mixed right-of-way:** Lanes used for general automobile traffic.

**Motorbus:** A rubber-tired, self-propelled, manually steered bus with a fuel supply onboard the vehicle. Motorbus types include intercity, school, and transit.

**Natural gas distribution pipeline:** Smaller than transmission pipelines and maintained by companies that distribute natural gas locally (intrastate). Distribution pipeline systems are analogous to networks of lesser roads and residential streets that people travel after getting off the freeway.

**Natural gas transmission pipeline:** Analogous to a major freeway, it is the main interstate transportation route for moving large amounts of natural gas from the source of production to points of distribution. Transmission pipelines are designed to move large amounts of natural gas from areas where the gas is extracted and stored to the local distribution companies that provide natural gas to homes and businesses.

**Principal arterial highway:** Major streets or highways, many of multilane or freeway design, serving high-volume traffic corridor movements that connect major generators of travel.

**Regional railroad:** A non-Class I, line-haul railroad operating 350 or more miles of road or with revenues of at least \$40 million or both.

**Short ton:** 2,000 pounds.

**Switching and terminal railroad:** A non-Class I Railroad engaged primarily in switching and/or terminal services for other railroads

**Tanker:** An oceangoing ship designed to haul liquid bulk cargo in world trade.

**Ton-mile:** The movement of one ton of cargo the distance of one statute mile.

**Trackage rights:** The authority of one railroad to use the tracks of another railroad for a fee.

**Trolley bus:** Rubber-tired, electric transit vehicle, manually steered and propelled by a motor drawing current, normally through overhead wires, from a central power source.

**Unlinked passenger trips:** The number of passengers boarding public transportation vehicles. A passenger is counted each time he or she boards a vehicle even if the boarding is part of the same journey from origin to destination.

**Vanpool:** Public-sponsored commuter service operating under prearranged schedules for previously formed groups of riders in 8- to 18-seat vehicles. Drivers are also commuters who receive little or no compensation besides the free ride.

**Vehicle-miles traveled (highway):** Miles of travel by all types of motor vehicles as determined by the states on the basis of actual traffic counts and established estimating procedures.

**Wigwag (railroad):** An early 20th century railroad grade crossing signal that uses a pendulum-like motion to signal the approach of a train.