

# STATE TRANSPORTATION STATISTICS



2005



U.S. Department of Transportation  
Research and Innovative Technology Administration  
Bureau of Transportation Statistics

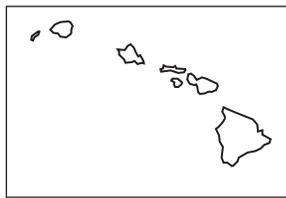
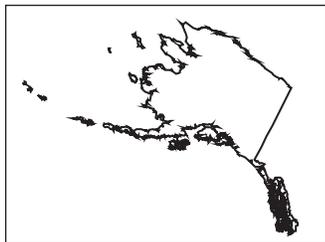
**December 2005**



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## State Transportation Statistics 2005

The Bureau of Transportation Statistics (BTS), a part of DOT's Research and Innovative Technology Administration (RITA), presents *State Transportation Statistics 2005*, a statistical profile of transportation in the 50 states and the District of Columbia. This is the third 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 BTS/RITA, other federal government agencies, and other national sources. A picture of the states' infrastructure, freight movement and passenger travel, safety, vehicles, economy and finance, and energy and the environment is presented in tables covering the 50 states and the District of Columbia. Tables have been updated with the most recent data available.

Included in this *State Transportation Statistics 2005* report is a description of the data sources used; information on data formats; federal, state, and national data sources; 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.

December 2005

# United States Fast Facts

Data are for 2004 unless otherwise noted.

## Transportation System Extent

All public roads: 3.98 million miles  
Interstate: 46,573 miles  
Road bridges: 591,078  
Class I railroad trackage: 97,496 miles (98,944 miles in 2003)  
Inland waterways: 29,627 miles  
Public-use airports: 5,288 (599 certificated for air carrier operations)

## Vehicles and Conveyances

Automobiles registered: 136.4 million  
Light trucks registered: 91.8 million  
Heavy trucks registered: 8.2 million  
Buses registered: 0.8 million  
Motorcycles registered: 5.8 million  
Rail transit systems<sup>1</sup>: 20 commuter rail, 14 heavy rail (subway), 28 light rail  
Recreational boats registered: 12.8 million

## Geographic

Land area: 3.5 million sq. miles<sup>2</sup>  
Percent of land area owned by federal government: 29.6<sup>1</sup>  
Persons per square mile: 79.6<sup>2</sup>  
Highest point: Mt. McKinley, Alaska (20,320 ft.)  
Lowest point: Death Valley, CA (-282 ft.)

## Government Subdivisions

County governments: 3,034<sup>3</sup>  
Municipal governments: 19,429<sup>3</sup>  
Town governments: 16,504<sup>3</sup>  
Congressional districts: 435

<sup>1</sup>2003  
<sup>2</sup>2000  
<sup>3</sup>2002

## Demographic

Population: 293.7 million  
Percent urban population: 79<sup>2</sup>

## Socioeconomic

Gross Domestic Product: \$11.7 trillion  
Civilian labor force: 147.4 million  
Median household income: \$44,684

## Commuting (percentage of workers)

Car, truck, or van—drove alone: 77.7  
Car, truck, or van—carpooled: 10.1  
Public transportation: 4.6  
Walked: 2.4  
Bicycled: 0.4  
Taxicab, motorcycle or other means: 1.1  
Worked at home: 3.8

## Sources

### Transportation System Extent

**All public roads, Interstate:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table HM-20.

**Road bridges:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Highway Bridge by Owner*, Washington, DC: 2005, available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Oct. 13, 2005.

**Class I railroad trackage:** Association of American Railroads, *Railroad Facts*, Washington, DC: annual issues, p. 3.

**Inland waterways:** U.S. Army Corps of Engineers, Navigation Data Center, National Waterway Network, October 2004.

**Public use airports:** U.S. Department of Transportation, Federal Aviation Administration, *Administrator's Fact Book*, Washington, DC: November 2005, p. 16, available at [http://www.faa.gov/about/office\\_org/headquarters\\_offices/aba/admin\\_factbook/](http://www.faa.gov/about/office_org/headquarters_offices/aba/admin_factbook/) as of Dec. 28, 2005.

### Vehicles and Conveyances

**Automobiles, light trucks, heavy trucks, buses, motorcycles:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table VM-1.

**Rail transit systems:** American Public Transportation Association, *2005 Public Transportation Fact Book*, Washington, DC: 2005, available at <http://www.apta.com/research/stats/rail/index.cfm> as of Sept. 21, 2005.

**Recreational boats:** U.S. Department of Transportation, U.S. Coast Guard, *Boating Statistics, 2004*, Washington, DC: 2005, available at [http://www.uscgboating.org/statistics/Boating\\_Statistics\\_2004.pdf](http://www.uscgboating.org/statistics/Boating_Statistics_2004.pdf) as of Oct. 12, 2005.

### **Geographic**

U.S. Department of Commerce, U.S. Census Bureau, *Statistical Abstract of the United States 2004/2005*, Washington, DC: 2005, available at <http://www.census.gov/statab/www/> as of Dec. 14, 2005.

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**Percent urban population:** U.S. Department of Commerce, U.S. Census Bureau, *Urban and Rural Population: 1900 to 1990*, available at <http://www.census.gov/population/censusdata/urpop0090.txt> as of Dec. 12, 2005.

### **Socioeconomic**

**Gross Domestic Product:** U.S. Department of Commerce, Bureau of Economic Analysis, Current-Dollar and "Real" Gross Domestic Product, available at <http://www.bea.gov/bea/dn/gdplev.xls> as of Nov. 30, 2005.

**Civilian labor force:** U.S. Department of Labor, Bureau of Labor Statistics, Labor Force Statistics from the Current Population Survey, available at <http://www.bls.gov/cps/> as of Dec. 19, 2005.

**Median household income:** U.S. Department of Commerce, U.S. Census Bureau, *2004 American Community Survey, United States Fact Sheet*, available at <http://factfinder.census.gov> as of Nov. 28, 2005.

### **Commuting**

U.S. Department of Commerce, U.S. Census Bureau, *2004 American Community Survey, United States, Commuting Characteristics by Sex*, available at <http://factfinder.census.gov> as of Nov. 28, 2005.

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Section A



Infrastructure



Table 1-1: Public Road Length, Miles by Functional System: 2004

State	Interstate	Other principal and minor arterials	Major and minor collectors	Local	Total
Alabama	904	8,979	20,416	65,184	95,483
Alaska	1,082	1,512	2,825	8,688	14,107
Arizona	1,168	5,093	8,620	43,231	58,112
Arkansas	656	6,982	20,269	70,699	98,606
California	2,458	28,580	31,878	106,875	169,791
Colorado	956	9,230	16,271	60,639	87,096
Connecticut	346	3,009	3,144	14,644	21,143
Delaware	41	646	936	4,420	6,043
District of Columbia	13	286	152	1,049	1,500
Florida	1,471	13,393	14,384	90,281	119,529
Georgia	1,244	14,211	22,812	78,649	116,916
Hawaii	55	787	834	2,642	4,318
Idaho	612	3,916	10,009	32,563	47,100
Illinois	2,169	14,275	21,762	100,418	138,624
Indiana <sup>1</sup>	1,169	8,099	22,663	62,666	94,597
Iowa	782	9,680	31,522	71,851	113,835
Kansas	874	9,350	33,322	91,470	135,016
Kentucky	762	5,921	16,063	54,617	77,363
Louisiana	903	5,587	9,947	44,505	60,942
Maine	367	2,268	5,979	14,135	22,749
Maryland	481	3,995	4,871	21,461	30,808
Massachusetts	573	6,482	4,825	23,903	35,783
Michigan	1,243	12,425	25,771	82,943	122,382
Minnesota	914	12,918	29,457	88,648	131,937
Mississippi	685	7,431	15,440	50,573	74,129
Missouri	1,181	10,324	24,819	89,599	125,923
Montana	1,192	6,039	16,367	45,854	69,452
Nebraska	482	8,048	20,747	63,968	93,245
Nevada <sup>1</sup>	560	2,927	5,210	25,280	33,977
New Hampshire <sup>1</sup>	235	1,646	2,789	10,960	15,630
New Jersey	431	6,163	4,156	27,372	38,122
New Mexico	1,000	5,089	8,483	49,432	64,004
New York	1,674	14,300	20,557	76,810	113,341
North Carolina	1,046	9,241	17,659	74,720	102,666
North Dakota	571	5,881	11,741	68,589	86,782
Ohio	1,574	11,372	22,556	89,250	124,752
Oklahoma	931	8,383	25,307	78,092	112,713
Oregon	728	7,050	17,761	40,322	65,861
Pennsylvania	1,757	13,721	19,807	85,338	120,623
Rhode Island	71	918	880	4,550	6,419
South Carolina	844	6,955	13,377	45,074	66,250
South Dakota	678	6,362	19,224	57,283	83,547
Tennessee	1,105	9,116	17,861	60,906	88,988
Texas	3,233	29,716	63,559	206,668	303,176
Utah	940	3,350	7,849	30,571	42,710
Vermont	320	1,323	3,133	9,592	14,368
Virginia	1,116	8,488	14,080	47,850	71,534
Washington	764	7,822	16,876	55,754	81,216
West Virginia	555	3,250	8,776	24,430	37,011
Wisconsin	743	12,592	21,306	79,058	113,699
Wyoming	913	3,638	10,986	12,057	27,594
United States, total	46,573	398,769	790,038	2,746,133	3,981,512
U.S. total (incl. Puerto Rico)	46,837	400,515	791,762	2,758,336	3,997,450

<sup>1</sup> 2003 data.

**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 2004*, Washington, DC: forthcoming, table HM-20.

**Table 1-2: Public Road Length, Miles by Ownership: 2004**

State	State highway agency	County	Town, township, municipal	Other jurisdiction <sup>2</sup>	Federal agency <sup>3</sup>	Total
Alabama	11,580	58,224	24,122	169	1,391	95,486
Alaska	5,636	3,738	1,906	767	2,062	14,109
Arizona	6,816	19,492	19,755	307	11,744	58,114
Arkansas	16,419	66,103	13,759	1	2,324	98,606
California	15,209	65,510	71,489	3,066	14,520	169,794
Colorado	9,113	55,237	14,565	1,252	6,928	87,095
Connecticut	3,718	0	17,078	281	67	21,144
Delaware	5,203	0	721	1	119	6,044
District of Columbia	1,393	0	0	19	88	1,500
Florida	12,047	70,302	35,104	0	2,072	119,525
Georgia	17,943	83,024	13,967	860	1,123	116,917
Hawaii	941	3,204	0	55	118	4,318
Idaho	4,951	15,227	2,478	16,266	8,179	47,101
Illinois	16,122	16,408	105,162	681	251	138,624
Indiana <sup>1</sup>	11,186	66,731	16,680	0	0	94,597
Iowa	8,881	89,828	14,478	531	118	113,836
Kansas	10,375	113,740	2,511	7,892	499	135,017
Kentucky	27,509	38,794	9,845	288	930	77,366
Louisiana	16,695	32,444	11,162	18	622	60,941
Maine	8,488	0	13,928	160	172	22,748
Maryland	5,135	20,680	4,572	264	158	30,809
Massachusetts	2,842	4	32,066	761	111	35,784
Michigan	9,720	89,899	20,971	37	1,754	122,381
Minnesota	11,834	45,194	71,594	1,313	2,004	131,939
Mississippi	10,887	52,817	9,544	36	843	74,127
Missouri	32,470	72,623	19,763	0	1,067	125,923
Montana	7,879	43,743	3,719	374	13,735	69,450
Nebraska	9,981	60,895	21,922	288	161	93,247
Nevada <sup>1</sup>	5,448	21,828	4,190	689	1,820	33,975
New Hampshire <sup>1</sup>	4,114	0	11,412	0	102	15,628
New Jersey	2,319	6,406	28,291	1,028	78	38,122
New Mexico	12,009	39,726	4,833	145	7,293	64,006
New York	15,033	20,398	76,445	1,372	95	113,343
North Carolina	78,870	0	19,827	748	3,221	102,666
North Dakota	7,381	10,001	67,835	23	1,540	86,780
Ohio	19,308	29,107	72,659	3,241	436	124,751
Oklahoma	12,280	80,675	18,487	1,217	55	112,714
Oregon	7,552	33,416	9,982	4,744	10,166	65,860
Pennsylvania	39,890	289	75,855	3,735	854	120,623
Rhode Island	1,103	0	5,286	13	17	6,419
South Carolina	41,532	21,262	2,127	191	1,138	66,250
South Dakota	7,851	36,117	37,420	183	1,977	83,548
Tennessee	13,808	56,655	17,590	505	429	88,987
Texas	79,624	143,728	78,991	0	833	303,176
Utah	5,857	23,654	9,217	10	3,973	42,711
Vermont	2,635	0	11,358	210	166	14,369
Virginia	57,515	1,631	10,492	39	1,857	71,534
Washington	7,046	39,833	16,262	10,886	7,193	81,220
West Virginia	33,972	0	2,332	87	621	37,012
Wisconsin	11,812	20,624	80,356	69	839	113,700
Wyoming	6,754	14,485	2,131	785	3,439	27,594
United States, total	774,686	1,783,696	1,236,239	65,607	121,302	3,981,530
U.S. total (incl. Puerto Rico)	779,241	1,783,696	1,247,591	65,607	121,332	3,997,467

<sup>1</sup> 2003 data.

<sup>2</sup> Includes state park, state toll, other state agency, other local agency, and roadways not identified by ownership.

<sup>3</sup> Roadways in federal parks, forests, and reservations that are not part of the state and local highway 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 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 2004*, Washington, DC: forthcoming, table HM-14.

**Table 1-3: Toll Roads, Toll Bridges and Tunnels, and Toll Ferries: 2005**

State	Toll road mileage <sup>1</sup>	Number of toll bridges	Number of toll tunnels	Number of toll ferries
Alabama	1.3	3	0	1
Alaska	0.0	0	1	12
Arizona	0.0	0	0	0
Arkansas	0.0	0	0	0
California	95.8	9	0	1
Colorado	57.5	0	0	0
Connecticut	0.0	0	0	6
Delaware	46.7	1	0	1
District of Columbia	0.0	0	0	0
Florida	679.0	14	0	0
Georgia	6.2	1	0	0
Hawaii	0.0	0	0	0
Idaho	0.0	0	0	0
Illinois	238.8	4	0	5
Indiana	156.8	2	0	0
Iowa	0.0	6	0	1
Kansas	237.4	0	0	0
Kentucky	80.3	0	0	3
Louisiana	1.5	2	0	0
Maine	106.2	0	0	15
Maryland	0.0	5	2	2
Massachusetts	138.2	1	2	2
Michigan	0.0	6	1	12
Minnesota	0.0	2	0	0
Mississippi	0.0	0	0	0
Missouri	0.0	2	0	7
Montana	0.0	0	0	0
Nebraska	0.0	3	0	0
Nevada	6.4	0	0	0
New Hampshire	58.6	1	0	0
New Jersey	326.0	27	2	1
New Mexico	0.0	0	0	0
New York	518.4	27	4	12
North Carolina	0.0	0	0	4
North Dakota	0.0	2	0	0
Ohio	392.2	2	0	5
Oklahoma	596.7	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	163.6	24	1	1
Utah	1.0	0	0	1
Vermont	11.9	1	0	4
Virginia	57.9	5	1	1
Washington	0.0	3	0	19
West Virginia	86.8	3	0	1
Wisconsin	0.0	0	0	5
Wyoming	0.0	0	0	0
United States, total	4,621.6	174	14	133
U.S. total (incl. Puerto Rico)	4,754.3	175	14	136

<sup>1</sup>Excludes non-toll sections.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Toll Facilities in the United States: Bridges-Roads-Tunnels-Ferries, Washington, DC: 2005, available at <http://www.fhwa.dot.gov/ohim/tollpage.htm> as of Jan. 11, 2006.

**Table 1-4: Road Condition: 2004  
(Miles)**

State	Very					Not Reported
	Good	Good	Fair	Mediocre	Poor	
Alabama	2,095	7,528	10,903	2,444	813	0
Alaska	109	709	1,480	814	255	329
Arizona	5,131	2,579	3,208	579	215	709
Arkansas	529	4,257	10,490	3,750	1,435	64
California	922	8,840	22,732	12,045	9,280	41
Colorado	1,801	3,892	7,864	2,411	714	14
Connecticut	1,709	706	2,653	660	384	0
Delaware	50	572	599	160	102	2
District of Columbia	0	0	9	36	406	0
Florida	7,738	10,635	6,076	678	262	343
Georgia	15,988	9,923	4,322	36	19	0
Hawaii	10	229	1,093	173	39	0
Idaho	371	3,156	2,418	2,452	605	31
Illinois	7,766	6,020	14,805	3,507	2,081	1
Indiana <sup>1</sup>	3,295	7,338	7,573	2,385	1,596	8
Iowa	2,206	6,245	11,053	3,064	1,657	102
Kansas	1,545	10,484	4,150	3,734	3,626	428
Kentucky	835	3,423	8,736	711	63	2
Louisiana	746	4,018	4,706	2,119	1,333	166
Maine	432	1,861	2,502	825	754	0
Maryland	222	2,009	2,450	1,191	1,422	35
Massachusetts	612	1,047	5,669	2,941	807	26
Michigan	7,099	5,261	11,529	4,592	3,063	1
Minnesota	4,198	10,509	12,857	1,563	1,773	0
Mississippi	1,938	4,694	10,201	2,781	1,385	0
Missouri	225	6,813	13,678	4,320	5,324	1
Montana	465	5,695	5,297	812	340	4
Nebraska	3,402	4,240	5,425	1,377	1,084	62
Nevada <sup>1</sup>	2,293	1,712	1,770	415	204	0
New Hampshire <sup>1</sup>	328	1,066	1,496	382	140	0
New Jersey	175	880	4,000	2,128	2,998	114
New Mexico	2,067	2,330	3,184	2,425	980	65
New York	1,990	9,932	9,032	2,284	2,625	209
North Carolina	3,382	6,667	7,919	1,567	1,079	0
North Dakota	1,391	3,735	6,755	1,688	160	0
Ohio	4,474	10,109	10,848	2,691	683	0
Oklahoma	1,278	6,303	11,293	3,327	4,530	318
Oregon	3,315	5,464	7,298	802	223	23
Pennsylvania	722	5,525	14,138	4,295	3,306	27
Rhode Island	189	304	707	337	206	0
South Carolina	717	6,662	7,843	1,219	937	0
South Dakota	1,622	3,551	6,391	1,761	1,045	308
Tennessee	5,128	6,915	4,648	485	261	0
Texas	4,101	18,411	45,100	7,213	1,994	179
Utah	705	2,172	4,326	459	133	24
Vermont	24	1,286	1,692	440	426	0
Virginia	2,940	5,959	10,142	1,386	719	14
Washington	3,631	4,743	7,407	1,815	809	503
West Virginia	299	2,370	4,918	1,128	1,520	8
Wisconsin	2,343	7,167	14,344	1,945	2,461	149
Wyoming	1,084	3,313	2,818	291	77	19
United States, total	115,637	249,259	382,547	102,643	68,353	4,329
U.S. total (incl. Puerto Rico)	116,243	249,928	383,551	103,229	68,761	4,546

<sup>1</sup> 2003 data.

**NOTE:** 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 Interstate system, 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. However, where PSR is still in use, the mileage for the PSR and IRI are combined for purposes of this table. Pavement rating data are not reported for local or rural minor collector functional systems.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, tables HM-63 and HM-64.

Table 1-5: Number of Road Bridges by Functional System: 2004

State	Urban					Rural			
	Interstate	Other freeways and expressways	Other arterial	Collector	Local	Interstate	Other arterial	Collector	Local
Alabama	555	87	860	230	815	607	2,583	5,635	4,275
Alaska	27	16	85	22	38	148	196	260	395
Arizona	279	267	756	354	610	1,278	1,548	1,196	821
Arkansas	341	136	684	138	379	459	2,260	5,016	3,046
California	2,530	2,790	4,245	863	1,811	1,243	2,992	3,253	4,080
Colorado	29	71	447	216	417	985	1,890	1,800	2,322
Connecticut	697	482	693	459	356	132	319	412	617
Delaware	92	32	160	78	48	0	128	100	212
District of Columbia	64	32	88	13	46	0	0	6	0
Florida	1,010	1,049	1,883	811	1,134	754	1,869	1,409	1,549
Georgia	502	206	1,619	456	1,062	486	2,398	4,014	3,717
Hawaii	194	84	144	72	101	4	239	148	114
Idaho	86	0	245	71	87	304	494	939	1,821
Illinois	1,182	139	2,244	718	807	1,057	2,452	4,616	12,512
Indiana	716	208	1,308	507	735	761	1,360	5,062	7,514
Iowa	251	0	961	233	495	396	2,280	7,482	12,804
Kansas	433	223	750	230	413	577	2,669	8,429	11,807
Kentucky	400	156	558	147	95	351	1,530	4,703	5,561
Louisiana	815	162	759	71	797	732	2,048	3,109	4,865
Maine	96	20	150	79	51	177	320	735	743
Maryland	620	291	562	250	719	246	487	871	1,019
Massachusetts	847	284	1,413	418	425	244	299	486	539
Michigan	799	323	1,427	459	534	383	1,194	2,592	3,107
Minnesota	428	200	899	271	330	299	1,674	3,239	5,685
Mississippi	235	108	444	207	343	530	2,673	4,567	7,733
Missouri	615	946	637	504	1,319	415	2,524	5,159	11,672
Montana	83	0	84	11	6	734	1,019	1,005	2,103
Nebraska	124	44	352	88	124	219	2,127	3,610	8,767
Nevada	165	86	221	182	192	307	135	168	155
New Hampshire	101	42	179	51	73	260	321	450	878
New Jersey	897	597	1,764	512	726	169	419	565	835
New Mexico	279	0	418	110	131	595	1,016	785	505
New York	1,284	807	2,288	672	1,018	800	2,000	3,400	5,017
North Carolina	507	398	1,277	342	1,180	444	1,725	3,751	7,716
North Dakota	59	0	130	19	27	146	591	889	2,646
Ohio	1,353	781	1,943	988	1,305	931	2,249	7,173	11,185
Oklahoma	462	392	991	488	529	646	2,536	7,435	9,837
Oregon	228	95	629	230	177	383	1,165	2,101	2,252
Pennsylvania	902	726	2,664	776	1,266	1,106	3,183	4,571	7,040
Rhode Island	123	106	254	65	60	14	38	50	39
South Carolina	262	65	542	298	297	449	1,415	2,590	3,283
South Dakota	67	0	136	38	51	382	979	1,336	2,972
Tennessee	711	282	1,779	398	932	654	2,697	5,434	6,800
Texas	3,166	3,098	5,306	1,213	3,979	3,086	7,631	11,302	10,169
Utah	381	20	265	86	239	444	343	468	559
Vermont	58	24	65	41	31	256	363	692	1,160
Virginia	932	358	1,300	402	593	714	1,650	2,756	4,456
Washington	573	309	807	187	258	361	975	1,968	2,117
West Virginia	204	24	243	72	157	453	742	2,106	2,886
Wisconsin	521	446	1,196	191	404	602	2,046	2,703	5,467
Wyoming	159	5	117	45	38	763	499	520	888
United States, total	27,444	17,017	48,971	15,382	27,760	27,486	76,290	143,066	208,262
U.S. total (incl. Puerto Rico)	27,667	17,112	49,331	15,548	27,940	27,648	76,456	143,470	208,641

**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 by one or more of the variables and other anomalies.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, National Bridge Inventory Database, Count of Bridges by Highway System, available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Sept. 22, 2005.

**Table 1-6: Number of Road Bridges by Owner: 2004**

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	114	5,557	0	28	9,915	0	0	34	15,648
Alaska	210	743	0	101	125	0	2	6	1,187
Arizona	405	4,447	0	33	2,236	0	1	3	7,125
Arkansas	144	7,051	0	3	5,256	0	0	4	12,458
California	526	11,813	12	176	11,282	11	63	29	23,913
Colorado	224	3,422	0	0	4,476	3	1	51	8,177
Connecticut	7	2,774	0	15	1,235	0	0	1	4,167
Delaware	5	810	0	1	7	21	0	6	850
District of Columbia	40	211	0	0	0	0	0	0	251
Florida	110	5,249	354	190	4,772	4	78	22	10,782
Georgia	193	6,444	0	15	7,752	0	0	57	14,461
Hawaii	29	695	0	1	369	0	0	5	1,100
Idaho	514	1,266	0	13	1,613	0	639	1	4,046
Illinois	41	7,509	433	40	17,534	0	23	147	25,727
Indiana	57	5,112	334	56	12,582	0	4	19	18,169
Iowa	40	3,963	0	22	20,723	3	0	92	24,902
Kansas	132	4,799	368	82	20,131	0	7	10	25,531
Kentucky	78	8,779	0	5	4,613	0	0	30	13,505
Louisiana	233	7,768	0	29	5,222	0	40	7	13,299
Maine	28	1,936	160	9	211	0	0	26	2,371
Maryland	104	2,502	253	24	2,170	0	7	5	5,066
Massachusetts	23	2,844	343	205	1,538	1	1	0	4,955
Michigan	91	4,394	4	2	6,312	0	11	3	10,818
Minnesota	154	3,547	0	50	9,197	0	15	63	13,026
Mississippi	441	5,476	0	6	10,884	0	0	33	16,840
Missouri	62	10,122	0	10	13,561	2	12	21	23,791
Montana	636	2,399	0	0	2,007	0	0	0	5,042
Nebraska	25	3,451	0	34	11,817	0	96	32	15,455
Nevada	37	943	0	2	609	0	10	9	1,610
New Hampshire	56	1,285	154	4	854	1	0	2	2,356
New Jersey	42	2,375	1,126	207	2,524	32	4	47	6,483
New Mexico	211	2,923	0	1	702	0	0	2	3,839
New York	55	7,419	737	202	8,495	167	112	113	17,300
North Carolina	251	16,417	0	25	644	0	0	2	17,339
North Dakota	52	1,110	0	6	3,326	0	4	9	4,507
Ohio	28	8,753	548	106	18,401	0	2	70	27,908
Oklahoma	99	6,720	791	10	15,694	0	0	1	23,315
Oregon	622	2,665	0	18	3,910	2	33	7	7,257
Pennsylvania	84	14,787	761	265	5,995	32	2	301	22,253
Rhode Island	3	588	3	10	138	0	6	1	749
South Carolina	36	8,323	0	3	819	0	0	20	9,201
South Dakota	108	1,809	0	19	4,022	0	0	3	5,961
Tennessee	324	8,018	0	34	11,304	0	5	1	19,686
Texas	276	31,982	49	20	16,362	208	9	14	48,952
Utah	137	1,695	0	2	962	0	6	1	2,803
Vermont	23	1,072	0	0	1,589	0	0	5	2,689
Virginia	265	11,586	0	2	1,080	70	0	128	13,131
Washington	637	3,061	0	15	3,816	0	18	5	7,552
West Virginia	56	6,598	99	7	108	0	10	9	6,887
Wisconsin	110	4,921	0	0	8,556	0	0	21	13,611
Wyoming	240	1,935	0	6	845	0	0	1	3,027
United States, total	8,418	272,068	6,529	2,114	298,295	557	1,221	1,479	591,078
U.S. total (incl. Puerto Rico)	8,425	273,884	6,529	2,114	298,606	557	1,222	1,479	593,213

**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 by one or more of the variables 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. The total includes bridges where ownership is unknown.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Highway Bridge by Owner*, Washington, DC: 2005, available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Oct. 13, 2005.

Table 1-7: Road Bridge Condition: 2004

State	All bridges (number)	Structurally deficient (number)	Functionally obsolete (number)	Total, structurally deficient and functionally obsolete	
				(number)	(percent)
Alabama	15,648	2,393	2,286	4,679	29.9
Alaska	1,187	151	202	353	29.7
Arizona	7,119	163	554	717	10.1
Arkansas	12,456	1,238	1,894	3,132	25.1
California	23,823	2,894	3,774	6,668	28.0
Colorado	8,182	604	783	1,387	17.0
Connecticut	4,167	345	1,018	1,363	32.7
Delaware	850	42	80	122	14.4
District of Columbia	251	23	134	157	62.5
Florida	11,469	317	1,801	2,118	18.5
Georgia	14,461	1,187	1,761	2,948	20.4
Hawaii	1,099	156	357	513	46.7
Idaho	4,047	316	414	730	18.0
Illinois	25,727	2,436	1,925	4,361	17.0
Indiana	18,171	1,993	2,023	4,016	22.1
Iowa	24,902	5,259	1,699	6,958	27.9
Kansas	25,525	3,330	2,570	5,900	23.1
Kentucky	13,500	1,283	2,821	4,104	30.4
Louisiana	13,362	2,070	2,254	4,324	32.4
Maine	2,371	355	488	843	35.6
Maryland	5,064	428	1,051	1,479	29.2
Massachusetts	4,954	614	1,932	2,546	51.4
Michigan	10,818	1,764	1,357	3,121	28.9
Minnesota	13,026	1,163	470	1,633	12.5
Mississippi	16,838	3,379	1,318	4,697	27.9
Missouri	23,791	5,028	3,216	8,244	34.7
Montana	5,043	576	498	1,074	21.3
Nebraska	15,455	2,550	1,425	3,975	25.7
Nevada	1,611	54	144	198	12.3
New Hampshire	2,357	355	433	788	33.4
New Jersey	6,484	890	1,480	2,370	36.6
New Mexico	3,839	404	320	724	18.9
New York	17,301	2,172	4,380	6,552	37.9
North Carolina	17,340	2,322	2,874	5,196	30.0
North Dakota	4,507	803	259	1,062	23.6
Ohio	27,907	3,052	4,050	7,102	25.4
Oklahoma	23,312	7,307	1,450	8,757	37.6
Oregon	7,261	659	1,189	1,848	25.5
Pennsylvania	22,253	5,464	3,940	9,404	42.3
Rhode Island	749	193	212	405	54.1
South Carolina	9,201	1,286	844	2,130	23.1
South Dakota	5,961	1,072	418	1,490	25.0
Tennessee	19,688	1,499	3,000	4,499	22.9
Texas	48,950	2,580	7,615	10,195	20.8
Utah	2,805	256	250	506	18.0
Vermont	2,690	484	470	954	35.5
Virginia	13,160	1,186	2,162	3,348	25.4
Washington	7,543	420	1,636	2,056	27.3
West Virginia	6,881	1,078	1,477	2,555	37.1
Wisconsin	13,611	1,495	844	2,339	17.2
Wyoming	3,033	409	220	629	20.7
United States, total	591,750	77,497	79,772	157,269	26.6
U.S. total (incl. Puerto Rico)	593,885	77,758	80,560	158,318	26.7

**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 by one or more of the variables and other anomalies.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *National Bridge Inventory: Deficient Bridges by State and Highway System*, Washington, DC: 2005, available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Oct. 13, 2005.

**Table 1-8: Motor Bus Transit Route Mileage: 2003**

State	Directional route-miles		
	Exclusive right-of-way	Controlled right-of-way	Mixed right-of-way
Alabama	0.0	0.0	1,569.2
Alaska	0.0	0.0	305.2
Arizona	0.0	108.6	3,270.4
Arkansas	0.0	0.0	506.7
California	170.5	333.7	35,131.1
Colorado	39.1	9.8	6,586.8
Connecticut	51.1	0.0	3,295.4
Delaware	0.0	0.0	1,417.5
District of Columbia	10.4	92.7	2,782.9
Florida	19.2	25.7	14,072.8
Georgia	77.8	0.0	4,391.0
Hawaii	1.2	34.7	875.6
Idaho	0.0	0.0	349.2
Illinois	3.7	0.0	8,441.3
Indiana	0.0	0.0	2,567.3
Iowa	0.0	0.0	1,319.4
Kansas	0.0	0.0	770.9
Kentucky	0.0	0.0	2,332.4
Louisiana	12.5	0.0	1,990.9
Maine	0.0	0.0	287.0
Maryland	14.8	17.0	5,697.8
Massachusetts	3.6	12.4	6,663.4
Michigan	0.0	0.0	5,575.1
Minnesota	349.1	59.8	4,845.9
Mississippi	0.0	0.0	439.0
Missouri	6.7	3.8	3,594.7
Montana	0.0	0.0	443.9
Nebraska	0.0	0.0	958.3
Nevada	4.0	0.0	1,599.2
New Hampshire	0.0	0.0	510.0
New Jersey	15.0	45.0	8,245.2
New Mexico	0.0	0.0	672.8
New York	1.6	130.2	17,985.3
North Carolina	5.6	0.0	4,246.0
North Dakota	0.0	0.0	186.3
Ohio	0.1	1.0	8,214.0
Oklahoma	0.0	0.0	1,053.4
Oregon	1.8	0.6	2,753.1
Pennsylvania	87.5	0.0	10,597.3
Rhode Island	1.6	0.0	457.7
South Carolina	0.0	0.0	1,889.0
South Dakota	0.0	0.0	218.8
Tennessee	0.0	0.0	2,608.0
Texas	282.3	33.4	12,530.4
Utah	30.4	0.0	1,703.6
Vermont	U	U	U
Virginia	0.0	233.2	2,571.1
Washington	276.0	171.1	17,946.2
West Virginia	0.0	0.0	1,041.2
Wisconsin	23.2	0.0	4,640.9
Wyoming	0.0	0.0	81.0
United States, total	1,488.8	1,312.7	222,231.6
U.S. total (incl. Puerto Rico)	1,512.1	1,312.7	222,526.6

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

**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, Data Tables, available at <http://www.ntdprogram.com/> as of Oct. 3, 2005.

**Table 1-9: Characteristics of Rail Transit by Transit Authority: 2003**

Rail transit mode/transit agency	Primary city served	States served	Directional route-miles	Number of crossings	Number of stations <sup>2</sup>	Number of ADA accessible stations <sup>3</sup>
<b>Heavy rail, total</b>	<b>11</b>	<b>12</b>	<b>1,597.3</b>	<b>27</b>	<b>1,023</b>	<b>416</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	76.3	0	53	42
Chicago Transit Authority	Chicago	IL	206.3	25	144	66
Greater Cleveland Regional Transit Authority	Cleveland	OH	38.1	0	18	9
L.A. County Metropolitan Transportation Auth.	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	493.8	0	468	50
MTA Staten Island Railway	New York	NY	28.6	0	23	4
Port Authority Trans-Hudson Corporation	New York	NY, NJ	28.6	2	13	7
Port Authority Transit Corporation	Philadelphia	PA, NJ	31.5	0	13	5
Southeastern Pennsylvania Transportation Auth.	Philadelphia	PA	76.1	0	75	17
San Francisco Bay Area Rapid Transit District	San Francisco	CA	209.0	0	43	43
Washington Metropolitan Area Transit Auth.	Washington	DC, MD, VA	206.6	0	83	83
<b>Light rail, total</b>	<b>25</b>	<b>19</b>	<b>1,018.7</b>	<b>3,457</b>	<b>630</b>	<b>482</b>
Maryland Transit Administration	Baltimore	MD	57.6	52	32	32
Massachusetts Bay Transportation Authority	Boston	MA	51.0	56	70	25
Niagara Frontier Transit Metro System	Buffalo	NY	12.4	8	15	7
Greater Cleveland Regional Transit Authority	Cleveland	OH	30.4	22	34	8
Dallas Area Rapid Transit Authority	Dallas	TX	87.7	98	34	34
McKinney Avenue Transit Authority	Dallas	TX	2.8	U	0	0
Regional Transportation District	Denver	CO	31.6	39	24	24
Detroit Department of Transportation	Detroit	MI	0.0	8	8	0
Island Transit	Galveston	TX	11.8	57	3	3
Metro Transit Authority of Harris County	Houston	TX	15.0	64	16	16
Kenosha Transit	Kenosha	WI	1.9	19	2	1
Los Angeles County Metropolitan Trans. Auth.	Los Angeles	CA	82.4	77	36	36
Memphis Area Transit Authority	Memphis	TN	5.8	0	1	1
Regional Transit Authority	New Orleans	LA	16.0	124	9	9
New Jersey Transit Corporation	Newark	NJ	28.3	30	27	15
Southeastern Pennsylvania Transportation Auth.	Philadelphia	PA	69.3	1,702	46	0
Port Authority of Allegheny County	Pittsburgh	PA	34.8	39	14	14
Portland Streetcar	Portland	OR	4.8	87	0	0
Tri-County Metropolitan Trans. District	Portland	OR	81.3	196	52	52
Sacramento Regional Transit District	Sacramento	CA	40.7	93	31	30
Bi-State Development Agency	St. Louis	MO, IL	75.8	24	28	28
Utah Transit Authority	Salt Lake City	UT	37.3	58	23	23
San Diego Trolley	San Diego	CA	96.6	96	49	48
San Francisco Municipal Railway	San Francisco	CA	72.9	351	9	9
Santa Clara Valley Trans. Authority	San Jose	CA	58.4	97	44	44
Central Puget Sound Regional Trans. Auth.	Seattle	WA	3.6	25	6	6
King County Department of Transportation	Seattle	WA	3.7	14	9	9
Hillsborough Area Regional Transit Auth.	Tampa	FL	4.8	21	8	8
<b>Commuter rail, total<sup>1</sup></b>	<b>16</b>	<b>18</b>	<b>6,905.2</b>	<b>2,531</b>	<b>1,163</b>	<b>656</b>
Alaska Railroad Corporation	Anchorage	AK	92.4	27	10	10
Maryland Transit Administration	Baltimore	MD, DC, WV	400.4	40	42	22
Massachusetts Bay Transportation Authority	Boston	MA, RI	702.1	0	125	81
NE Illinois Regional Commuter Rail Corporation	Chicago	IL, WI	940.4	512	227	134
Northern Indiana Commuter Trans. District	Chicago	IL, IN	179.8	117	20	11
Trinity Railway Express	Dallas/Ft. Worth	TX	69.5	34	9	9
Southern California Regional Rail Authority	Los Angeles	CA	778.0	443	53	53
South Florida Regional Transportation Auth.	Miami	FL	142.2	72	18	18
Connecticut Department of Transportation	New Haven	CT	101.2	3	8	8
MTA Long Island Rail Road	New York	NY	638.2	402	124	99
MTA Metro-North Railroad	New York	NY, NJ, CT	545.7	161	109	32
New Jersey Transit Corporation	New York	NY, NJ, PA	1,070.2	329	168	52
Pennsylvania Department of Transportation	Philadelphia	PA	144.4	7	12	4
Southeastern Pennsylvania Transportation Auth.	Philadelphia	PA	449.2	116	156	51
N. San Diego County Transit Development Board	San Diego	CA	82.2	34	8	8
Peninsula Corridor Joint Powers Board	San Francisco	CA	153.7	49	34	24
Altamont Commuter Express Authority	San Jose	CA	172.0	127	10	10
Central Puget Sound Regional Transit Auth.	Seattle	WA	78.6	35	9	9
ON TRACK	Syracuse	NY	3.5	U	3	3
Virginia Railway Express	Washington	DC, VA	161.5	23	18	18
<b>United States, total</b>	<b>33</b>	<b>28</b>	<b>9,521.2</b>	<b>6,015</b>	<b>2,816</b>	<b>1,554</b>

<sup>1</sup> Excludes commuter-type services operated independently by Amtrak.

<sup>2</sup> Many light rail lines have numerous stops in the street that do not meet the definition of station.

<sup>3</sup> Additional stations may be wheelchair accessible but not comply with other provisions of the Americans with Disabilities Act.

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

**NOTE:** Does not include several other transit rail systems including aerial tramway, automated guideway, 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.

**SOURCE:** American Public Transportation Association, *2005 Public Transportation Fact Book*, Washington, DC: 2005, available at <http://www.apta.com/research/stats/rail/index.cfm> as of Sept. 21, 2005.

**Table 1-10: Civil and Joint-Use Airports, Heliports, STOLports, and Seaplane Bases: 2005<sup>1</sup>**

State	Airports	Heliports	STOLports	Seaplane bases	Total
Alabama	182	90	1	4	277
Alaska	517	37	0	124	678
Arizona	190	108	1	0	299
Arkansas	238	83	0	0	321
California	535	385	2	11	933
Colorado	259	172	6	0	437
Connecticut	54	92	0	6	152
Delaware	33	15	0	1	49
District of Columbia	2	14	0	0	16
Florida	491	286	14	41	832
Georgia	341	109	4	1	455
Hawaii	31	17	0	0	48
Idaho	204	44	2	5	255
Illinois	586	265	2	7	860
Indiana	492	121	3	13	629
Iowa	233	87	2	0	322
Kansas	370	38	1	0	409
Kentucky	149	58	1	0	208
Louisiana	242	237	0	16	495
Maine	103	13	0	37	153
Maryland	145	69	1	6	221
Massachusetts	76	137	1	18	232
Michigan	381	95	2	7	485
Minnesota	384	58	1	77	520
Mississippi	191	51	1	0	243
Missouri	404	129	2	4	539
Montana	241	31	2	2	276
Nebraska	266	36	0	1	303
Nevada	99	32	1	0	132
New Hampshire	51	67	0	9	127
New Jersey	119	257	0	13	389
New Mexico	150	25	0	1	176
New York	397	167	0	18	582
North Carolina	305	74	3	0	382
North Dakota	292	15	0	1	308
Ohio	519	209	4	2	734
Oklahoma	346	91	1	1	439
Oregon	346	104	2	3	455
Pennsylvania	468	329	3	10	810
Rhode Island	10	17	0	1	28
South Carolina	162	29	0	2	193
South Dakota	159	33	0	1	193
Tennessee	195	100	8	2	305
Texas	1435	470	8	0	1913
Utah	99	44	0	0	143
Vermont	61	20	3	3	87
Virginia	291	130	3	5	429
Washington	336	138	3	16	493
West Virginia	75	40	1	10	126
Wisconsin	459	89	0	17	565
Wyoming	90	23	0	0	113
United States, total	13,804	5,380	89	496	19,769
U.S. total (incl. Puerto Rico)	13,822	5,409	89	498	19,818

<sup>1</sup>Data are current as of September 30, 2005.

**KEY:** STOLport = Short take-off and landing airport.

**NOTE:** This table comprises all U.S. public use and private use airports, heliports, STOLports, 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.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Office of Airports, Airport Safety Data Branch, personal communication, Sept. 30, 2005.

**Table 1-11: Top 50 Commercial Service Airport Enplanements by Air Carrier Category: 2004**  
**(For airports with scheduled service and 2,500 or more passengers enplaned)**

Airport and state	Rank	Commuter and			Foreign air carriers	Total enplanements
		Large certificated air carriers	small certificated air carriers	Air taxi commuter operators		
Hartsfield - Jackson Atlanta International, GA	1	40,413,893	17,256	61	692,647	41,123,857
Chicago O'Hare International, IL	2	33,800,868	62,186	131	2,236,962	36,100,147
Los Angeles International, CA	3	22,893,116	0	283	6,031,942	28,925,341
Dallas/Fort Worth International, TX	4	27,564,516	263,246	36	235,237	28,063,035
Denver International, CO	5	19,856,791	246,773	25	303,413	20,407,002
McCarran International, NV	6	19,416,811	5	651	525,558	19,943,025
Phoenix Sky Harbor International, AZ	7	19,122,979	35,338	108	177,674	19,336,099
John F. Kennedy International, NY	8	13,244,074	27,990	83	5,314,716	18,586,863
Minneapolis-St Paul International/Wold-Chamberlain, MN	9	17,282,793	88,108	207	111,519	17,482,627
George Bush Intercontinental, TX	10	16,706,911	42,301	31	572,822	17,322,065
Detroit Metropolitan Wayne County, MI	11	16,871,495	20,781	240	153,660	17,046,176
Newark Liberty International, NJ	12	14,138,966	49,575	139	1,638,995	15,827,675
San Francisco International, CA	13	13,503,809	0	1,785	2,100,228	15,605,822
Orlando International, FL	14	13,752,756	610,767	66	906,758	15,270,347
Miami International, FL	15	11,520,979	177,750	130	2,816,732	14,515,591
Seattle-Tacoma International, WA	16	13,744,125	3,122	92	344,946	14,092,285
Philadelphia International, PA	17	12,713,594	749,004	724	361,010	13,824,332
General Edward Lawrence Logan International, MA	18	11,093,972	368,716	321	1,295,011	12,758,020
Charlotte/Douglas International, NC	19	11,394,210	1,038,543	442	66,281	12,499,476
La Guardia, NY	20	10,998,386	918,837	180	395,158	12,312,561
Washington Dulles International, VA	21	9,392,410	321,765	1,303	1,246,136	10,961,614
Cincinnati/Northern Kentucky International, KY	22	10,617,358	209,229	35	37,925	10,864,547
Baltimore/Washington International, MD	23	9,794,857	76,971	246	231,489	10,103,563
Fort Lauderdale/Hollywood International, FL	24	9,273,151	295,999	157	471,291	10,040,598
Honolulu International, HI	25	7,847,233	176,448	5,292	1,550,103	9,579,076
Chicago Midway International, IL	26	8,686,812	549,744	1,657	379	9,238,592
Salt Lake City International, UT	27	8,867,839	730	1,023	15,288	8,884,880
Tampa International, FL	28	8,066,692	220,962	51	148,320	8,436,025
San Diego International, CA	29	8,088,510	2	161	47,159	8,135,832
Ronald Reagan Washington National, VA	30	7,232,938	336,856	0	91,738	7,661,532
Metropolitan Oakland International, CA	31	6,825,031	0	529	98,130	6,923,690
Pittsburgh International, PA	32	5,943,178	649,207	543	13,189	6,606,117
Portland International, OR	33	6,266,556	0	945	112,383	6,379,884
Lambert-St Louis International, MO	34	5,884,483	475,169	145	17,831	6,377,628
Cleveland-Hopkins International, OH	35	5,245,104	125,691	153	18,248	5,389,196
Memphis International, TN	36	5,286,900	6,804	1,323	35	5,295,062
Norman Y. Mineta San Jose International, CA	37	5,191,470	0	4,874	73,505	5,269,849
Luis Munoz Marin International, PR	38	5,074,606	44,970	174	102,706	5,222,456
Kansas City International, MO	39	5,002,828	28,907	29	8,831	5,040,595
Louis Armstrong New Orleans International, LA	40	4,735,032	64,975	81	39,312	4,839,400
Sacramento International, CA	41	4,768,472	0	32	27,466	4,795,970
John Wayne Airport-Orange County, CA	42	4,620,808	3	296	0	4,621,107
Raleigh-Durham International, NC	43	4,161,498	179,282	128	30,975	4,371,883
Nashville International, TN	44	4,179,964	105,046	589	13,104	4,298,703
Indianapolis International, IN	45	3,559,066	420,020	247	12,764	3,992,097
William P. Hobby, TX	46	3,960,205	129	551	5	3,960,890
Austin-Bergstrom International, TX	47	3,446,175	87	302	0	3,446,564
San Antonio International, TX	48	3,263,379	47,250	61	66,060	3,376,750
Bradley International, CT	49	3,245,392	51,366	82	29,621	3,326,461
Southwest Florida International, FL	50	3,193,392	54,124	20	72,483	3,320,019
Top 50 total		541,756,383	9,162,034	26,764	30,857,745	581,802,926
U.S. total (excl. U.S. territories)		646,442,349	17,781,300	1,080,997	31,992,208	697,296,854
U.S. total (incl. U.S. territories)		653,383,317	18,132,490	1,086,490	32,893,733	705,496,030

**NOTE:** 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.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Airports Planning, *CY 2004 Enplanement Activity at U.S. Commercial Service Airports*, available at <http://www.faa.gov/arp/planning/stats/> as of Nov. 15, 2005.

**Table 1-12: Commercial Service Airport Enplanements by State and Air Carrier Category: 2004  
(For airports with scheduled service and 2,500 or more passengers enplaned)**

State	Large certificated air carriers	Commuter and small certificated air carriers	Air taxi commuter operators	Foreign air carriers	Total enplanements
Alabama	2,605,945	73,407	2,397	0	2,681,749
Alaska	2,829,378	1,196,228	165,840	329,461	4,520,907
Arizona	21,220,034	125,426	305,750	207,468	21,858,678
Arkansas	1,707,787	55,677	304	0	1,763,768
California	75,482,167	3,279	14,069	8,432,701	83,932,216
Colorado	21,738,423	301,781	2,809	303,413	22,346,426
Connecticut	3,262,913	73,506	157	29,621	3,366,197
Delaware	NA	NA	NA	NA	NA
District of Columbia	NA	NA	NA	NA	NA
Florida	55,591,653	1,885,212	14,592	4,989,983	62,481,440
Georgia	41,715,998	70,093	2,845	692,973	42,481,909
Hawaii	13,395,351	403,478	122,130	1,613,111	15,534,070
Idaho	1,763,469	5,984	2,121	0	1,771,574
Illinois	43,613,310	688,102	2,994	2,237,465	46,541,871
Indiana	4,434,596	527,624	834	12,764	4,975,818
Iowa	1,528,733	74,928	818	0	1,604,479
Kansas	686,648	93,985	4,442	133	785,208
Kentucky	12,692,886	468,908	3,302	37,977	13,203,073
Louisiana	5,876,103	70,989	576	39,312	5,986,980
Maine	919,238	101,844	6,281	61,592	1,088,955
Maryland	9,795,393	149,492	296	231,489	10,176,670
Massachusetts	11,113,515	690,046	167,916	1,295,017	13,266,494
Michigan	19,499,105	233,209	26,270	153,666	19,912,250
Minnesota	17,675,195	88,108	707	111,534	17,875,544
Mississippi	1,185,446	954	337	0	1,186,737
Missouri	11,272,151	516,345	786	26,662	11,815,944
Montana	1,359,388	50,372	11,003	0	1,420,763
Nebraska	2,098,789	43,977	611	60	2,143,437
Nevada	22,041,207	74,452	164,213	525,558	22,805,430
New Hampshire	1,919,576	74,702	3,711	8,566	2,006,555
New Jersey	14,647,280	61,857	1,517	1,638,995	16,349,649
New Mexico	3,046,271	94,120	506	0	3,140,897
New York	31,542,964	1,879,233	6,277	5,731,876	39,160,350
North Carolina	17,159,217	1,864,863	932	97,409	19,122,421
North Dakota	595,410	12,276	899	0	608,585
Ohio	10,174,550	748,621	2,123	39,564	10,964,858
Oklahoma	3,144,394	59,530	112	70	3,204,106
Oregon	7,087,858	0	1,324	112,383	7,201,565
Pennsylvania	20,046,214	1,802,031	4,604	388,340	22,241,189
Rhode Island	2,667,241	67,066	734	11,150	2,746,191
South Carolina	2,880,706	289,002	1,283	0	3,170,991
South Dakota	603,896	15,731	6,436	0	626,063
Tennessee	10,563,556	249,130	3,405	13,214	10,829,305
Texas	62,694,602	367,548	3,427	884,906	63,950,483
Utah	8,923,882	3,439	4,035	15,288	8,946,644
Vermont	566,322	63,685	105	0	630,112
Virginia	20,246,971	1,190,783	6,313	1,338,647	22,782,714
Washington	15,689,320	82,451	3,641	349,107	16,124,519
West Virginia	261,138	123,300	1,989	0	386,427
Wisconsin	4,568,138	589,084	1,927	30,733	5,189,882
Wyoming	308,022	75,442	1,297	0	384,761
U.S. total (excl. U.S. territories)	646,442,349	17,781,300	1,080,997	31,992,208	697,296,854
U.S. total (incl. U.S. territories)	653,383,317	18,132,490	1,086,490	32,893,733	705,496,030

KEY: NA = not applicable.

SOURCE: U.S. Department of Transportation, Federal Aviation Administration, Airport Planning, *CY 2004 Enplanement Activity at U.S. Commercial Service Airports*, available at <http://www.faa.gov/arp/planning/stats/> as of Nov. 15, 2005.

**Table 1-13: Number of Freight Railroads by Class: 2003**

State	Switching and					Total
	Class I	Regional	Local	terminal	Canadian <sup>1</sup>	
Alabama	5	1	13	5	0	24
Alaska	0	1	0	0	0	1
Arizona	2	0	6	2	0	10
Arkansas	3	1	15	5	0	24
California	2	1	13	13	0	29
Colorado	2	3	6	3	0	14
Connecticut	1	2	5	0	0	8
Delaware	2	0	2	3	0	7
District of Columbia	2	0	0	1	0	3
Florida	2	2	9	1	0	14
Georgia	2	0	17	1	0	20
Hawaii	0	0	0	0	0	0
Idaho	2	2	4	1	0	9
Illinois	7	4	11	17	0	39
Indiana	5	1	18	13	0	37
Iowa	4	3	6	4	0	17
Kansas	4	6	2	4	0	16
Kentucky	5	1	9	0	0	15
Louisiana	6	0	8	2	0	16
Maine	0	2	4	1	0	7
Maryland	2	1	5	2	0	10
Massachusetts	1	2	5	2	0	10
Michigan	4	1	11	7	0	23
Minnesota	4	5	8	2	1	20
Mississippi	5	1	14	6	0	26
Missouri	5	2	1	8	0	16
Montana	2	2	2	0	0	6
Nebraska	2	3	3	3	0	11
Nevada	2	0	0	0	0	2
New Hampshire	0	1	8	0	0	9
New Jersey	2	1	6	6	1	16
New Mexico	2	0	2	1	0	5
New York	2	4	20	7	2	35
North Carolina	2	0	13	8	0	23
North Dakota	2	3	1	0	0	6
Ohio	3	2	13	17	0	35
Oklahoma	3	1	10	5	0	19
Oregon	2	3	9	6	0	20
Pennsylvania	2	4	28	25	1	60
Rhode Island	0	1	0	0	0	1
South Carolina	2	0	7	4	0	13
South Dakota	2	2	5	2	0	11
Tennessee	6	0	13	5	0	24
Texas	3	2	19	20	0	44
Utah	2	0	2	2	0	6
Vermont	0	2	6	0	0	8
Virginia	2	0	5	2	0	9
Washington	2	2	9	6	0	19
West Virginia	2	1	3	2	0	8
Wisconsin	4	3	2	1	0	10
Wyoming	2	1	0	1	0	4
United States, total	7	32	304	206	2	551

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

**NOTES:**

1. As defined by the Surface Transportation Board in 2003, a Class I Railroad is a railroad with operating revenues of at least \$277.7 million.
2. A Regional Railroad is a non-Class I, line-haul railroad operating 350 or more miles of road or with revenues of at least \$40 million or both.
3. A Local Railroad is a railroad which is neither a Class I nor a Regional Railroad, and is engaged primarily in line-haul service.
4. A Switching and Terminal Railroad is a non-Class I Railroad engaged primarily in switching and/or terminal services for other railroads.

**SOURCE:** Association of American Railroads, *Railroads and States - 2003*, Washington, DC: 2005, available at <http://www.aar.org/AboutTheIndustry/StateInformation.asp> as of Sept. 19, 2005.

**Table 1-14: Miles of Freight Railroad Operated by Class of Railroad: 2003<sup>1</sup>**

State	Class I	Regional	Local	Switching and terminal	Canadian <sup>3</sup>	Total
Alabama	2,900	339	270	226	0	3,735
Alaska	0	466	0	0	0	466
Arizona	1,261	0	372	203	0	1,836
Arkansas	2,607	208	558	111	0	3,484
California	5,585	52	801	845	0	7,283
Colorado	2,908	157	456	124	0	3,645
Connecticut	69	417	222	0	0	708
Delaware	247	0	25	20	0	292
District of Columbia	34	0	0	5	0	39
Florida	1,896	431	625	4	0	2,956
Georgia	3,522	0	1,325	1	0	4,848
Hawaii	0	0	0	0	0	0
Idaho	1,000	101	506	71	0	1,678
Illinois	8,067	623	665	402	0	9,757
Indiana	3,828	37	1,050	221	0	5,136
Iowa	2,849	1,006	341	52	0	4,248
Kansas	4,092	1,865	38	274	0	6,269
Kentucky	2,299	290	234	0	0	2,823
Louisiana	2,788	0	577	61	0	3,426
Maine	0	867	279	2	0	1,148
Maryland	835	125	175	18	0	1,153
Massachusetts	434	510	305	6	0	1,255
Michigan	2,752	396	1,124	223	0	4,495
Minnesota	3,906	976	869	128	44	5,923
Mississippi	2,016	42	359	241	0	2,658
Missouri	4,087	488	32	184	0	4,791
Montana	2,310	868	113	0	0	3,291
Nebraska	2,688	326	519	15	0	3,548
Nevada	2,009	0	0	0	0	2,009
New Hampshire	0	172	301	0	0	473
New Jersey	1,581	78	196	875	68	2,798
New Mexico	2,234	0	94	60	0	2,388
New York	2,245	533	1,154	131	816	4,879
North Carolina	2,579	0	543	222	0	3,344
North Dakota	2,475	1,242	10	0	0	3,727
Ohio	4,510	561	1,043	405	0	6,519
Oklahoma	2,536	78	924	315	0	3,853
Oregon	1,433	798	484	148	0	2,863
Pennsylvania	3,566	936	1,303	692	445	6,942
Rhode Island	0	102	0	0	0	102
South Carolina	2,097	0	231	95	0	2,423
South Dakota	937	793	186	24	0	1,940
Tennessee	2,097	0	687	37	0	2,821
Texas	11,432	937	686	994	0	14,049
Utah	1,769	0	254	44	0	2,067
Vermont	0	79	483	0	0	562
Virginia	3,184	0	181	63	0	3,428
Washington	2,392	370	675	139	0	3,576
West Virginia	2,360	10	104	15	0	2,489
Wisconsin	3,462	578	120	7	0	4,167
Wyoming	1,846	6	0	30	0	1,882
<b>United States, total<sup>2</sup></b>	<b>98,944</b>	<b>15,648</b>	<b>19,706</b>	<b>6,641</b>	<b>570</b>	<b>141,509</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.

<sup>2</sup>Does not include trackage rights.

<sup>3</sup>Refers to non-Class I, Canadian-owned lines.

**NOTE:** For definition of railroad types see previous table.

**SOURCE:** Association of American Railroads, *Railroads and States - 2003*, Washington, DC: 2005, available at <http://www.aar.org/AboutTheIndustry/StateInformation.asp> as of Sept. 19, 2005.

Table 1-15: Top 50 Water Ports by Tonnage: 2003

Port and state	Rank	Millions of short tons		
		Total	Foreign	Domestic
Port of South Louisiana, LA	1	198.8	80.4	118.4
Houston, TX	2	190.9	126.9	64.0
New York, NY and NJ	3	145.9	79.7	66.2
Beaumont, TX	4	87.5	68.8	18.8
New Orleans, LA	5	83.8	48.9	35.0
Huntington-Tristate, WV, OH, KY	6	77.6	0.0	77.6
Corpus Christi, TX	7	77.2	53.4	23.8
Long Beach, CA	8	69.2	52.4	16.8
Texas City, TX	9	61.3	43.4	17.9
Baton Rouge, LA	10	61.3	23.2	38.1
Port of Plaquemines, LA	11	55.9	19.0	36.9
Lake Charles, LA	12	53.4	31.8	21.6
Los Angeles, CA	13	51.3	42.8	8.5
Mobile, AL	14	50.2	25.0	25.2
Valdez, AK	15	49.9	0.0	49.9
Tampa, FL	16	48.3	17.4	30.9
Pittsburgh, PA	17	41.7	0.0	41.7
Baltimore, MD	18	40.2	24.1	16.1
Duluth-Superior, MN and WI	19	38.3	13.1	25.2
Philadelphia, PA	20	33.2	18.8	14.5
St. Louis, MO and IL	21	32.4	0.0	32.4
Pascagoula, MS	22	31.3	20.8	10.5
Norfolk Harbor, VA	23	31.2	24.3	6.9
Freeport, TX	24	30.5	25.1	5.4
Portland, ME	25	29.2	27.3	1.9
Paulsboro, NJ	26	27.3	18.2	9.1
Port Arthur, TX	27	27.2	18.5	8.7
Portland, OR	28	26.8	15.8	11.0
Marcus Hook, PA	29	26.2	16.1	10.1
Charleston, SC	30	25.2	18.8	6.4
Boston, MA	31	24.8	16.4	8.4
Savannah, GA	32	23.4	21.5	1.9
Port Everglades, FL	33	23.0	10.4	12.6
Richmond, CA	34	23.0	10.9	12.1
Tacoma, WA	35	23.0	15.4	7.6
Chicago, IL	36	22.6	1.7	20.9
Jacksonville, FL	37	21.7	10.8	10.9
Seattle, WA	38	19.4	13.6	5.9
Memphis, TN	39	18.2	0.0	18.2
Honolulu, HI	40	17.8	5.4	12.4
Anacortes, WA	41	15.8	2.6	13.2
San Juan, PR	42	14.6	5.4	9.1
Detroit, MI	43	14.3	3.9	10.4
Indiana Harbor, IN	44	14.1	0.4	13.8
Two Harbors, MN	45	13.0	0.0	13.0
Oakland, CA	46	12.6	10.1	2.6
Cleveland, OH	47	12.6	3.1	9.5
Cincinnati, OH	48	11.8	0.0	11.8
Matagorda Ship Channel, TX	49	11.7	8.0	3.6
Ashtabula, OH	50	10.4	5.8	4.6
Top 50, total		2,151.3	1,099.3	1,052.0
United States, total		2,556.9	1,244.9	1,312.0

**SOURCE:** U.S. Army Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 2003, Part 5 National Summaries*, Alexandria, VA: 2004, available at <http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm> as of December 2004.

**Table 1-16: Inland Waterway Mileage: 2004**  
**(Includes only the 39 states and the District of Columbia with inland waterways)**

<b>State</b>	<b>Miles</b>	<b>State</b>	<b>Miles</b>
Alabama	1,270	Mississippi	873
Alaska	5,497	Missouri	1,033
Arkansas	1,860	Nebraska	318
California	286	New Hampshire	8
Connecticut	117	New Jersey	360
Delaware	99	New York	394
District of Columbia	7	North Carolina	1,152
Florida	1,540	Ohio	444
Georgia	721	Oklahoma	150
Idaho	111	Oregon	681
Illinois	1,095	Pennsylvania	259
Indiana	353	Rhode Island	39
Iowa	492	South Carolina	482
Kansas	120	South Dakota	75
Kentucky	1,591	Tennessee	946
Louisiana	2,823	Texas	834
Maine	73	Virginia	674
Maryland	532	Washington	1,057
Massachusetts	90	West Virginia	682
Minnesota	258	Wisconsin	231
		<b>United States, total</b>	<b>29,627</b>

**NOTES:** Waterway mileages were determined by including the length of channels 1) with a controlling draft of nine feet or greater, 2) with commercial cargo traffic reported for 1998 and 1999, but 3) were not offshore (i.e., channels in coastal areas included only the miles from the entrance channel inward). Channels within major bays are included (e.g., Chesapeake Bay, San Francisco Bay, Puget Sound, Long Island Sound, and major sounds and straits in southeastern Alaska). Channels in the Great Lakes are not included, but waterways connecting lakes and the St. Lawrence Seaway inside the United States are included.

**SOURCE:** U.S. Army Corps of Engineers, Navigation Data Center, National Waterway Network, personal communication, October 3, 2004.

Section B



Safety



Table 2-1: Highway Traffic Fatalities and Fatality Rates: 2004

State	Traffic fatalities	Licensed drivers (thousands)	Registered vehicles (thousands)	Vehicle-miles traveled (millions)	Fatality rate per		
					100,000 licensed drivers	100,000 registered vehicles	100 million vehicle-miles traveled
Alabama	1,154	3,613	4,589	59,035	31.9	25.1	2.0
Alaska	101	483	681	4,990	20.9	14.8	2.0
Arizona	1,150	3,784	3,985	57,336	30.4	28.9	2.0
Arkansas	704	1,862	1,961	31,648	37.8	35.9	2.2
California	4,120	22,761	32,026	328,917	18.1	12.9	1.3
Colorado	665	3,205	2,032	45,891	20.7	32.7	1.4
Connecticut	291	2,695	3,106	31,608	10.8	9.4	0.9
Delaware	134	534	729	9,301	25.1	18.4	1.4
District of Columbia	43	349	240	3,742	12.3	17.9	1.1
Florida	3,244	13,146	15,519	196,444	24.7	20.9	1.7
Georgia	1,634	5,793	8,012	112,620	28.2	20.4	1.5
Hawaii	142	844	971	9,725	16.8	14.6	1.5
Idaho	260	943	1,394	14,729	27.6	18.7	1.8
Illinois	1,356	8,058	9,508	109,135	16.8	14.3	1.2
Indiana	947	4,521	5,678	72,713	20.9	16.7	1.3
Iowa	390	2,004	3,509	31,538	19.5	11.1	1.2
Kansas	461	1,980	2,408	29,172	23.3	19.1	1.6
Kentucky	964	2,823	3,373	47,322	34.1	28.6	2.0
Louisiana	904	3,170	3,823	44,607	28.5	23.6	2.0
Maine	194	985	1,107	14,948	19.7	17.5	1.3
Maryland	643	3,594	4,193	55,284	17.9	15.3	1.2
Massachusetts	476	4,646	5,593	54,771	10.2	8.5	0.9
Michigan	1,159	7,103	8,627	103,326	16.3	13.4	1.1
Minnesota	567	3,083	4,782	56,570	18.4	11.9	1.0
Mississippi	900	1,896	1,992	39,431	47.5	45.2	2.3
Missouri	1,130	4,048	4,890	68,994	27.9	23.1	1.6
Montana	229	713	1,057	11,207	32.1	21.7	2.0
Nebraska	254	1,316	1,718	19,171	19.3	14.8	1.3
Nevada	395	1,548	1,326	19,354	25.5	29.8	2.0
New Hampshire	171	986	1,245	13,216	17.3	13.7	1.3
New Jersey	731	5,800	6,374	72,844	12.6	11.5	1.0
New Mexico	521	1,271	1,579	23,942	41.0	33.0	2.2
New York	1,493	11,247	11,269	137,898	13.3	13.2	1.1
North Carolina	1,557	6,122	6,299	95,903	25.4	24.7	1.6
North Dakota	100	462	722	7,594	21.7	13.9	1.3
Ohio	1,286	7,675	10,935	111,654	16.8	11.8	1.2
Oklahoma	774	2,370	3,236	46,443	32.7	23.9	1.7
Oregon	456	2,626	3,079	35,598	17.4	14.8	1.3
Pennsylvania	1,490	8,430	10,113	108,070	17.7	14.7	1.4
Rhode Island	83	742	835	8,473	11.2	9.9	1.0
South Carolina	1,046	2,972	3,317	49,551	35.2	31.5	2.1
South Dakota	197	563	883	8,784	35.0	22.3	2.2
Tennessee	1,288	4,248	5,143	70,943	30.3	25.0	1.8
Texas	3,583	14,544	17,194	231,008	24.6	20.8	1.6
Utah	296	1,583	2,129	24,696	18.7	13.9	1.2
Vermont	98	550	552	7,855	17.8	17.8	1.2
Virginia	925	5,113	6,573	78,877	18.1	14.1	1.2
Washington	563	4,505	5,695	55,673	12.5	9.9	1.0
West Virginia	411	1,292	1,416	20,302	31.8	29.0	2.0
Wisconsin	792	3,910	4,938	60,399	20.3	16.0	1.3
Wyoming	164	380	672	9,261	43.1	24.4	1.8
United States, total	42,636	198,889	243,023	2,962,513	21.4	17.5	1.4

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004 Early Edition*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/TSFAnn/TSF2004EarlyEdition.pdf> as of Dec. 15, 2005; U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming.

**Table 2-2: Passenger Car and Light Truck Occupants Killed and Restraint Use: 2004**

State	Restraint used		No restraint used		Restraint use unknown		Total occupants killed	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	403	42.4	517	54.4	31	3.3	951	100.0
Alaska	27	39.1	33	47.8	9	13.0	69	100.0
Arizona	276	34.6	422	52.9	99	12.4	797	100.0
Arkansas	163	28.8	349	61.8	53	9.4	565	100.0
California	1,469	52.7	1,009	36.2	308	11.1	2,786	100.0
Colorado	209	42.5	275	55.9	8	1.6	492	100.0
Connecticut	79	40.9	94	48.7	20	10.4	193	100.0
Delaware	55	52.9	47	45.2	2	1.9	104	100.0
District of Columbia	7	33.3	6	28.6	8	38.1	21	100.0
Florida	794	38.2	1,248	60.0	38	1.8	2,080	100.0
Georgia	511	40.0	621	48.6	147	11.5	1,279	100.0
Hawaii	32	39.0	39	47.6	11	13.4	82	100.0
Idaho	93	45.4	106	51.7	6	2.9	205	100.0
Illinois	423	42.9	470	47.7	92	9.3	985	100.0
Indiana	290	40.7	324	45.5	98	13.8	712	100.0
Iowa	128	42.0	138	45.2	39	12.8	305	100.0
Kansas	137	35.1	227	58.2	26	6.7	390	100.0
Kentucky	265	33.4	527	66.5	1	0.1	793	100.0
Louisiana	241	34.2	407	57.7	57	8.1	705	100.0
Maine	56	36.8	74	48.7	22	14.5	152	100.0
Maryland	235	52.2	192	42.7	23	5.1	450	100.0
Massachusetts	89	28.8	165	53.4	55	17.8	309	100.0
Michigan	450	51.4	300	34.3	125	14.3	875	100.0
Minnesota	189	41.8	231	51.1	32	7.1	452	100.0
Mississippi	175	22.5	603	77.5	0	0.0	778	100.0
Missouri	270	28.5	603	63.6	75	7.9	948	100.0
Montana	50	26.9	128	68.8	8	4.3	186	100.0
Nebraska	72	33.6	118	55.1	24	11.2	214	100.0
Nevada	126	48.1	123	46.9	13	5.0	262	100.0
New Hampshire	37	30.1	85	69.1	1	0.8	123	100.0
New Jersey	219	48.6	217	48.1	15	3.3	451	100.0
New Mexico	160	40.4	225	56.8	11	2.8	396	100.0
New York	495	52.2	344	36.3	109	11.5	948	100.0
North Carolina	567	47.8	511	43.1	107	9.0	1,185	100.0
North Dakota	23	28.0	55	67.1	4	4.9	82	100.0
Ohio	388	39.6	589	60.0	4	0.4	981	100.0
Oklahoma	243	40.4	357	59.3	2	0.3	602	100.0
Oregon	218	63.6	102	29.7	23	6.7	343	100.0
Pennsylvania	379	34.1	566	51.0	165	14.9	1,110	100.0
Rhode Island	18	27.7	47	72.3	0	0.0	65	100.0
South Carolina	216	26.2	579	70.1	31	3.8	826	100.0
South Dakota	42	27.1	100	64.5	13	8.4	155	100.0
Tennessee	354	33.2	639	59.9	74	6.9	1,067	100.0
Texas	1,443	53.3	1,195	44.1	69	2.5	2,707	100.0
Utah	85	39.0	127	58.3	6	2.8	218	100.0
Vermont	38	50.0	36	47.4	2	2.6	76	100.0
Virginia	285	39.0	415	56.8	30	4.1	730	100.0
Washington	225	54.3	162	39.1	27	6.5	414	100.0
West Virginia	122	37.7	189	58.3	13	4.0	324	100.0
Wisconsin	226	36.5	350	56.5	44	7.1	620	100.0
Wyoming	49	37.7	78	60.0	3	2.3	130	100.0
United States, total	13,146	41.5	16,364	51.6	2,183	6.9	31,693	100.0

**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. Percents may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004 Early Edition*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/TSFAnn/TSF2004EE.pdf> as of Nov. 21, 2005.

Table 2-3: Large Truck Involvement in Fatal Crashes: 2004

State	Total occupant fatalities in all motor vehicle crashes	Total vehicles involved in fatal motor vehicle crashes	Large trucks			
			Occupant fatalities		Involved in fatal crashes	
			Number	Percent of state total	Number	Percent of state total
Alabama	1,067	1,547	20	1.9	135	8.7
Alaska	89	141	4	4.5	13	9.2
Arizona	990	1,529	17	1.7	102	6.7
Arkansas	667	926	15	2.2	93	10.0
California	3,300	5,695	50	1.5	381	6.7
Colorado	585	954	10	1.7	64	6.7
Connecticut	259	415	4	1.5	27	6.5
Delaware	115	193	1	0.9	18	9.3
District of Columbia	31	70	0	0.0	5	7.1
Florida	2,617	4,583	54	2.1	359	7.8
Georgia	1,456	2,363	44	3.0	233	9.9
Hawaii	104	187	1	1.0	4	2.1
Idaho	239	339	6	2.5	29	8.6
Illinois	1,175	1,897	21	1.8	151	8.0
Indiana	858	1,355	27	3.1	166	12.3
Iowa	358	548	8	2.2	60	10.9
Kansas	437	625	11	2.5	85	13.6
Kentucky	908	1,316	27	3.0	123	9.3
Louisiana	794	1,267	11	1.4	99	7.8
Maine	183	256	2	1.1	18	7.0
Maryland	532	872	10	1.9	76	8.7
Massachusetts	381	619	8	2.1	39	6.3
Michigan	997	1,682	8	0.8	115	6.8
Minnesota	520	811	7	1.3	66	8.1
Mississippi	852	1,136	27	3.2	84	7.4
Missouri	1,045	1,498	24	2.3	145	9.7
Montana	217	275	5	2.3	15	5.5
Nebraska	244	352	2	0.8	41	11.6
Nevada	319	535	3	0.9	28	5.2
New Hampshire	155	238	3	1.9	13	5.5
New Jersey	560	1,094	10	1.8	87	8.0
New Mexico	461	628	14	3.0	58	9.2
New York	1,131	2,007	9	0.8	128	6.4
North Carolina	1,369	2,161	34	2.5	182	8.4
North Dakota	93	136	0	0.0	13	9.6
Ohio	1,167	1,820	28	2.4	179	9.8
Oklahoma	717	1,009	25	3.5	97	9.6
Oregon	402	585	7	1.7	47	8.0
Pennsylvania	1,321	2,103	26	2.0	209	9.9
Rhode Island	76	115	0	0.0	5	4.3
South Carolina	938	1,357	13	1.4	102	7.5
South Dakota	187	235	3	1.6	17	7.2
Tennessee	1,198	1,727	18	1.5	141	8.2
Texas	3,091	4,887	74	2.4	423	8.7
Utah	265	373	12	4.5	26	7.0
Vermont	90	127	1	1.1	12	9.4
Virginia	824	1,218	18	2.2	95	7.8
Washington	497	752	5	1.0	52	6.9
West Virginia	380	567	11	2.9	61	10.8
Wisconsin	720	1,081	7	1.0	94	8.7
Wyoming	161	208	16	9.9	47	22.6
United States, total	37,142	58,414	761	2.0	4,862	8.3

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004: Overview*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/TSF2004/809907.pdf> as of Nov. 21, 2005; U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004 Early Edition*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/TSFAnn/TSF2004EE.pdf> as of Nov. 21, 2005.

**Table 2-4: Key Provisions of Safety Belt Use Laws: 2003**

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Fine	Seats covered	Vehicles exempted <sup>21</sup>
Alabama	7/18/1992	Primary	\$25	Front	Designed for >10 passengers; model year <1965. Exemptions for medical reasons, rural mail carriers, and paper delivery.
Alaska	9/12/1990	Secondary	\$15	All	School bus.
Arizona	1/1/1991	Secondary	\$10	All	Designed for >10 passengers; model year < 1972.
Arkansas	7/15/1991	Secondary	\$25	Front	School, church, or public bus; model year <1968.
California	1/1/1986	Primary	\$20	All	None.
Colorado	7/1/1987	Secondary <sup>3</sup>	\$17	Front	Passenger bus, school bus
Connecticut	1/1/1986	Primary	\$37	Front <sup>15</sup>	Truck or bus >15,000 lbs.
Delaware	1/1/1992	Primary	\$25	All	Postal service vehicles.
District of Columbia	12/12/1985	Primary	\$50 <sup>8</sup>	All	Seating >8 people.
Florida	7/1/1986	Secondary	\$30	Front <sup>16</sup>	School bus, public bus, truck >5,000 lbs.
Georgia	9/1/1988	Primary	\$15	Front <sup>16</sup>	Designed for >10 passengers; pickup; offroad; rural letter carriers; emergency vehicles.
Hawaii	2/16/1985	Primary	\$45	Front <sup>16</sup>	Bus or school bus >10,000 lbs.
Idaho	7/1/1986	Secondary	\$10 <sup>9</sup>	All	>8,000 lbs.
Illinois	7/1/1985	Primary	\$25	Front	Emergency vehicles, frequent stops, medical or physical reasons
Indiana	7/1/1987	Primary	\$25	Front <sup>17</sup>	Truck, tractor, RV.
Iowa	7/1/1986	Primary	\$25	Front	None.
Kansas	7/1/1986	Secondary	\$10	Front	Designed for >10 people; truck >12,000 lbs.
Kentucky	7/13/1994	Secondary	\$25	All	Designed for >10 people; truck >12,000 lbs.
Louisiana	7/1/1986	Primary	\$25 <sup>10</sup>	Front	Designed for >10 people; model year <1981.
Maine	12/27/1995	Secondary	\$25-\$50	All	None.
Maryland	7/1/1986	Primary	\$25	Front	Historic vehicle, taxi, written medical excuse
Massachusetts	2/1/1994	Secondary	\$25	All	Truck >18,000 lbs; bus and taxi operators.
Michigan	7/1/1985	Primary	\$25	Front <sup>15</sup>	Taxi, bus, school bus.
Minnesota	8/1/1986	Secondary	\$25	Front <sup>18</sup>	Farm pickup truck.
Mississippi	3/20/1990	Secondary	\$25	Front <sup>19</sup>	Farm vehicle, bus; exemptions for medical reasons and letter carriers.
Missouri	9/28/1985	Secondary <sup>4</sup>	\$10	Front <sup>15</sup>	Designed for >10 people; truck >12,000 lbs; postal workers; vehicle being used for agriculture
Montana	10/1/1987	Secondary	\$20	All	None.
Nebraska	1/1/1993	Secondary	\$25	Front <sup>15</sup>	Model year <1973.
Nevada	7/1/1987	Secondary	\$25	All	Taxi, bus, school bus.
New Hampshire	None	No adult law	NA	NA <sup>20</sup>	School bus, vehicle for hire; model year <1968.
New Jersey	3/1/1985	Primary	\$42 <sup>11</sup>	Front <sup>16</sup>	<1966; medical exemption; rural letter carriers; vehicles not required to be equipped with safety belts under Federal law.
New Mexico	1/1/1986	Primary	\$25 <sup>8</sup>	All	>10,000 lbs.
New York	12/1/1984	Primary	\$50-\$100 <sup>12</sup>	Front <sup>15</sup>	Bus, school bus, taxi, emergency vehicle, rural letter carriers
North Carolina	10/1/1985	Primary	\$25	Front	Designed for >11 people; farm vehicle drivers; rural mail carriers on official business; medical reasons; all safety belts already in use.
North Dakota	7/14/1994	Secondary <sup>5</sup>	\$20	Front	Designed for >10 people.
Ohio	5/6/1986	Secondary	\$25	Front	None.
Oklahoma	2/1/1987	Primary	\$20	Front	Farm vehicle, truck, truck tractor, RV.
Oregon	12/7/1990	Primary	\$75	All	Newspaper, mail, meter, transit vehicle. <sup>22</sup>
Pennsylvania	11/23/1987	Secondary <sup>6</sup>	\$10	Front	Truck >7,000 lbs.
Rhode Island	6/18/1991	Secondary	\$50	All	None.
South Carolina	7/1/1989	Secondary	\$10	All	School bus, public bus; vehicle with no belts in rear seating areas.
South Dakota	1/1/1995	Secondary <sup>5</sup>	\$20	Front	Passenger bus, school bus; medical reasons, rural mail carriers on official business; newspaper or periodical deliveries.
Tennessee	4/21/1986	Secondary	\$10	Front	>8,500 lbs.
Texas	9/1/1985	Primary	\$25-\$200	Front	Designed for >10 people, truck over 15,000 lbs, farm vehicle.
Utah	4/28/1986	Secondary <sup>7</sup>	\$45 <sup>13</sup>	All	Medical reasons; all seats occupied.
Vermont	1/1/1994	Secondary	\$10	All	Bus, taxi.
Virginia	1/1/1988	Secondary	\$25	Front	Designed for >10 people, taxi.
Washington	6/11/1986	Primary	\$86	All	Designed for >10 people.
West Virginia	9/1/1993	Secondary	\$25	Front	Designed for >10 people.
Wisconsin	12/1/1987	Secondary	\$10	All	Taxi, farm truck.
Wyoming	6/8/1989	Secondary	\$25 <sup>14</sup>	All	Persons with physical/medical exemption documented by physician's signature; postal vehicles; 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>Primary enforcement for all positions if driver is under 17 years of age; <sup>4</sup>Primary for children under 16 years of age; <sup>5</sup>Primary enforcement for all positions if occupant is under 18 years of age; <sup>6</sup>The fine is \$10, but with court, EMS, judicial, and computer costs the ticket total is \$51.50; <sup>7</sup>Primary enforcement for all positions if occupant is under 19 years of age; <sup>8</sup>Plus 2 points on license; <sup>9</sup>Plus costs; <sup>10</sup>\$25 for first offense, \$50 for second offense, \$50 plus court costs for third offense; <sup>11</sup>\$42 for safety belt violation, \$10-\$25 for child seat violation; <sup>12</sup>Plus 3 points on license. Front seat passengers 16 and older can be fined up to \$50 and drivers can be fined up to \$100 for each passenger under 16 not wearing a seat belt; <sup>13</sup>Reduced to \$15 upon completion of class; <sup>14</sup>Fine for driver is \$25, fine for passengers over 12 years is \$10; <sup>15</sup>All seats for under 16; <sup>16</sup>All seats for under 18; <sup>17</sup>All seats for under 12; <sup>18</sup>All seats for under 11; <sup>19</sup>All seats for under 8; <sup>20</sup>All seats for under 18, primary law, \$25 fine; <sup>21</sup>Most states exempt vehicles not manufactured with seatbelts; <sup>22</sup>Police/emergency vehicles exempted in some situations.

KEY: NA = not applicable; RV = recreational vehicle.

SOURCE: U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004 Early Edition*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/TSFAnn/TSF2004EE.pdf> as of Nov. 21, 2005.

Table 2-5: Helmet Use Laws: 2005<sup>1</sup>

State	Motorcycle riders covered by helmet law	Bicycle riders covered by helmet law
Alabama	All riders	Younger than 16
Alaska	Younger than 18 <sup>2</sup>	No law
Arizona	Younger than 18	No law
Arkansas	Younger than 21	No law
California	All riders	Younger than 18
Colorado	No law	No law
Connecticut	Younger than 18	Younger than 16
Delaware	Younger than 19	Younger than 16
District of Columbia	All riders	Younger than 16
Florida	Younger than 21 <sup>3</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>3,4</sup>	No law
Louisiana	All riders	Younger than 12
Maine	Younger than 15 <sup>5</sup>	Younger than 16
Maryland	All riders	Younger than 16
Massachusetts	All riders	Younger than 17 <sup>10</sup>
Michigan	All riders	No law
Minnesota	Younger than 18 <sup>4</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 <sup>11</sup>
New Jersey	All riders	Younger than 17 <sup>12</sup>
New Mexico	Younger than 18	No law
New York	All riders	Younger than 14 <sup>10</sup>
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>3</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>4</sup>	No law
Wyoming	Younger than 19	No law

<sup>1</sup>Laws in effect as of September 1, 2005; <sup>2</sup>Alaska's motorcycle helmet use law covers passengers of all ages, drivers younger than 18, and drivers with instructional permits; <sup>3</sup>Florida, Kentucky, and Texas provide exceptions for riders over a certain age. In Florida and Kentucky, the law requires that all riders younger than 21 years wear helmets, without exception. In Florida, those 21 years and older may ride without helmets only if they can show proof that they are covered by a medical insurance policy. Texas exempts riders 21 years and older if they can prove they either have successfully completed a motorcycle operator training and safety course or if they can show proof of having a medical insurance policy; <sup>4</sup>Motorcycle helmet laws in Kentucky, Minnesota, and Wisconsin also cover drivers with instructional or learner's permits; <sup>5</sup>Maine's motorcycle helmet use law covers passengers 14 years and younger, drivers with learner's permits, and passengers if their drivers are required to wear a helmet; <sup>6</sup>North Dakota's motorcycle helmet use law covers all passengers travelling with drivers who are covered by the law; <sup>7</sup>Ohio's motorcycle helmet use law covers all drivers during the first year of licensure and all passengers; <sup>8</sup>Pennsylvania's motorcycle helmet use law covers all drivers during the first two years of licensure unless the driver has completed the safety course approved by the Pennsylvania Department of Transportation and the Motorcycle Safety Foundation; <sup>9</sup>Rhode Island's motorcycle helmet use law covers all drivers during the first year of licensure and all passengers; <sup>10</sup>Bicycle helmet use laws in Massachusetts and New York prohibit people from transporting passengers younger than 1 year old; <sup>11</sup>Law becomes effective January 1, 2006; <sup>12</sup>Law becomes effective March 1, 2006.

**SOURCE:** Insurance Institute for Highway Safety-Highway Loss Data Institute, Helmet Use Laws, available at [http://www.hwysafety.org/laws/state\\_laws/helmet\\_current.html](http://www.hwysafety.org/laws/state_laws/helmet_current.html) as of Sept. 19, 2005.

**Table 2-6: Safety Belt Use: 2000, 2002, 2004, and 2005**  
**(Percent of drivers and passengers in the front right seat that use safety belts)**

State	2000	2002	2004	2005
Alabama	71	79	80	82
Alaska	61	66	77	78
Arizona	75	74	95	94
Arkansas	52	64	64	68
California	89	91	90	93
Colorado	65	73	79	79
Connecticut	76	78	83	82
Delaware	66	71	82	84
District of Columbia	83	85	87	89
Florida	65	75	76	74
Georgia	74	77	87	82
Hawaii	80	90	95	95
Idaho	59	63	74	76
Illinois	70	74	83	86
Indiana	62	72	83	81
Iowa	78	82	86	86
Kansas	62	61	68	69
Kentucky	60	62	66	67
Louisiana	68	69	75	78
Maine	N	N	72	76
Maryland	85	86	89	91
Massachusetts	50	51	63	65
Michigan	84	83	91	93
Minnesota	73	80	82	83
Mississippi	50	62	63	61
Missouri	68	69	76	77
Montana	76	78	81	80
Nebraska	71	70	79	79
Nevada	79	75	87	95
New Hampshire	N	N	N	N
New Jersey	74	81	82	86
New Mexico	87	88	90	90
New York	77	83	85	85
North Carolina	81	84	86	87
North Dakota	48	63	67	76
Ohio	65	70	74	79
Oklahoma	68	70	80	83
Oregon	84	88	93	93
Pennsylvania	71	76	82	83
Rhode Island	64	71	76	75
South Carolina	74	66	66	70
South Dakota	53	64	69	69
Tennessee	59	67	72	74
Texas	77	81	83	90
Utah	76	80	86	87
Vermont	62	85	80	85
Virginia	70	70	80	80
Washington	82	93	94	95
West Virginia	50	72	76	85
Wisconsin	65	66	72	73
Wyoming	67	67	70	N
United States	71	75	80	82

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

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Safety Belt Use in 2005 - Use Rates in the States and Territories*, Washington, DC: November 2005, available at <http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/RNotes/2005/809970.pdf> as of Dec. 19, 2005.

**Table 2-7: Pedestrian Fatalities Involving Motor Vehicles: 2004**

State	Total traffic fatalities	Pedestrians killed	Pedestrian fatalities as percent of total	Population (thousands)	Pedestrian fatality rate per 100,000 population
Alabama	1,154	81	7.0	4,530	1.8
Alaska	101	10	9.9	655	1.5
Arizona	1,150	129	11.2	5,744	2.2
Arkansas	704	32	4.5	2,753	1.2
California	4,120	684	16.6	35,894	1.9
Colorado	665	69	10.4	4,601	1.5
Connecticut	291	27	9.3	3,504	0.8
Delaware	134	16	11.9	830	1.9
District of Columbia	43	9	20.9	554	1.6
Florida	3,244	493	15.2	17,397	2.8
Georgia	1,634	153	9.4	8,829	1.7
Hawaii	142	30	21.1	1,263	2.4
Idaho	260	17	6.5	1,393	1.2
Illinois	1,356	156	11.5	12,714	1.2
Indiana	947	73	7.7	6,238	1.2
Iowa	390	24	6.2	2,954	0.8
Kansas	461	21	4.6	2,736	0.8
Kentucky	964	48	5.0	4,146	1.2
Louisiana	904	96	10.6	4,516	2.1
Maine	194	10	5.2	1,317	0.8
Maryland	643	97	15.1	5,558	1.7
Massachusetts	476	82	17.2	6,417	1.3
Michigan	1,159	137	11.8	10,113	1.4
Minnesota	567	37	6.5	5,101	0.7
Mississippi	900	44	4.9	2,903	1.5
Missouri	1,130	81	7.2	5,755	1.4
Montana	229	7	3.1	927	0.8
Nebraska	254	9	3.5	1,747	0.5
Nevada	395	60	15.2	2,335	2.6
New Hampshire	171	15	8.8	1,300	1.2
New Jersey	731	155	21.2	8,699	1.8
New Mexico	521	56	10.7	1,903	2.9
New York	1,493	317	21.2	19,227	1.6
North Carolina	1,557	159	10.2	8,541	1.9
North Dakota	100	5	5.0	634	0.8
Ohio	1,286	94	7.3	11,459	0.8
Oklahoma	774	50	6.5	3,524	1.4
Oregon	456	43	9.4	3,595	1.2
Pennsylvania	1,490	150	10.1	12,406	1.2
Rhode Island	83	7	8.4	1,081	0.6
South Carolina	1,046	86	8.2	4,198	2.0
South Dakota	197	9	4.6	771	1.2
Tennessee	1,288	80	6.2	5,901	1.4
Texas	3,583	424	11.8	22,490	1.9
Utah	296	25	8.4	2,389	1.0
Vermont	98	7	7.1	621	1.1
Virginia	925	85	9.2	7,460	1.1
Washington	563	58	10.3	6,204	0.9
West Virginia	411	27	6.6	1,815	1.5
Wisconsin	792	54	6.8	5,509	1.0
Wyoming	164	3	1.8	507	0.6
United States, total	42,636	4,641	10.9	293,655	1.6

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004: Pedestrians*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/availinf.html> as of Nov. 4, 2005.

**Table 2-8: Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration: 2003 and 2004 (BAC  $\geq$  0.08 grams per deciliter)**

State	2003			2004		
	Total fatalities	Fatalities involving high blood alcohol	Percent	Total fatalities	Fatalities involving high blood alcohol	Percent
Alabama	1,004	361	36	1,154	394	34
Alaska	98	33	34	101	30	30
Arizona	1,118	411	37	1,150	376	33
Arkansas	640	201	31	704	236	34
California	4,224	1,377	33	4,120	1,367	33
Colorado	642	228	36	665	225	34
Connecticut	298	119	40	291	112	38
Delaware	142	51	36	134	48	36
District of Columbia	67	31	46	43	12	28
Florida	3,169	1,101	35	3,244	1,053	32
Georgia	1,603	416	26	1,634	450	28
Hawaii	133	52	39	142	52	37
Idaho	293	89	30	260	81	31
Illinois	1,454	540	37	1,356	517	38
Indiana	833	223	27	947	254	27
Iowa	443	119	27	390	91	23
Kansas	469	172	37	461	121	26
Kentucky	928	242	26	964	269	28
Louisiana	940	370	39	904	345	38
Maine	207	69	33	194	58	30
Maryland	650	215	33	643	231	36
Massachusetts	462	172	37	476	181	38
Michigan	1,283	396	31	1,159	367	32
Minnesota	655	223	34	567	170	30
Mississippi	872	291	33	900	317	35
Missouri	1,232	414	34	1,130	388	34
Montana	262	108	41	229	100	44
Nebraska	293	99	34	254	78	31
Nevada	368	156	42	395	133	34
New Hampshire	127	42	33	171	51	30
New Jersey	733	238	32	731	227	31
New Mexico	439	176	40	521	185	36
New York	1,493	470	31	1,493	494	33
North Carolina	1,553	452	29	1,557	496	32
North Dakota	105	46	44	100	35	35
Ohio	1,274	401	31	1,286	418	33
Oklahoma	671	223	33	774	245	32
Oregon	512	176	34	456	159	35
Pennsylvania	1,577	541	34	1,490	541	36
Rhode Island	104	54	52	83	41	49
South Carolina	969	426	44	1,046	413	39
South Dakota	203	89	44	197	76	39
Tennessee	1,193	398	33	1,288	454	35
Texas	3,821	1,551	41	3,583	1,417	40
Utah	309	39	13	296	70	24
Vermont	69	21	30	98	20	20
Virginia	943	311	33	925	307	33
Washington	600	226	38	563	223	40
West Virginia	394	126	32	411	114	28
Wisconsin	848	342	40	792	318	40
Wyoming	165	50	30	164	54	33
United States, total	42,884	14,678	34	42,636	14,409	34

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2004: Alcohol*, Washington, DC: 2005, available at <http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/availinf.html> as of Nov. 4, 2005; U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS) Web-based Encyclopedia, available at <http://www-fars.nhtsa.dot.gov> as of Nov. 4, 2005.

**Table 2-9: Maximum Posted Speed Limits by Type of Road: 2005 (Speed limit in miles per hour)<sup>1</sup>**

State	Interstate		Other limited-access	
	Rural	Urban	roads <sup>2</sup>	Other roads
Alabama	70	65	65	65
Alaska	65	55	65	55
Arizona	75	55	55	55
Arkansas	70, Trucks: 65	55	60	55
California	70, Trucks: 55	65	70	65
Colorado	75	65	65	65
Connecticut	65	55	65	55
Delaware	65	55	65	55
District of Columbia	NA	55	NA	25
Florida	70	65	70	65
Georgia	70	65	65	65
Hawaii	60	50	45	45
Idaho	75, Trucks: 65	75	65	65
Illinois	65, Trucks: 55	55	65	55
Indiana	70, Trucks: 65	55	60	55
Iowa	70	55	70	55
Kansas	70	70	70	65
Kentucky	65	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: 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, Trucks: 55, 65 on Ohio Turnpike	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	Day: 75, Night and Trucks: 65	Day: 70, Night: 65	Day: 75, Night and Trucks: 65	Day: 60, Night: 55
Utah	75	65	75	65
Vermont	65	55	50	50
Virginia	65	65	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> Many roads, particularly urban Interstates, often have a lower posted speed limit than the maximum allowable shown in this table.

<sup>2</sup> Limited-access roads are multilaned roads with restricted access using exit and entrance ramps rather than intersections.

**KEY:** NA = not applicable.

**NOTE:** Interstates are divided into urban and rural sections based primarily on population size and population density.

**SOURCE:** Insurance Institute for Highway Safety - Highway Loss Data Institute, *Maximum Posted Speed Limits for Passenger Vehicles*, available at [http://www.hwysafety.org/laws/state\\_laws/speed\\_limit\\_laws.html](http://www.hwysafety.org/laws/state_laws/speed_limit_laws.html) as of Sept. 19, 2005.

**Table 2-10: Rail Accidents/Incidents: 2004**  
**(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Accidents/ Incidents	Fatalities	Injuries
Alabama	283	19	121
Alaska	44	0	41
Arizona	206	19	139
Arkansas	273	11	125
California	832	124	489
Colorado	218	4	137
Connecticut	147	7	111
Delaware	72	1	63
District of Columbia	216	3	206
Florida	385	41	238
Georgia	384	34	179
Hawaii	1	0	0
Idaho	89	5	53
Illinois	1,181	59	832
Indiana	419	38	210
Iowa	307	8	151
Kansas	290	13	137
Kentucky	261	15	149
Louisiana	419	34	225
Maine	35	1	23
Maryland	132	10	78
Massachusetts	203	13	158
Michigan	285	17	180
Minnesota	295	19	167
Mississippi	207	19	143
Missouri	294	17	181
Montana	167	5	128
Nebraska	318	13	158
Nevada	43	3	23
New Hampshire	8	0	6
New Jersey	492	24	369
New Mexico	110	18	58
New York	1,019	24	914
North Carolina	213	32	111
North Dakota	88	2	67
Ohio	501	35	278
Oklahoma	197	21	102
Oregon	218	11	109
Pennsylvania	722	18	513
Rhode Island	30	1	22
South Carolina	160	18	84
South Dakota	82	1	41
Tennessee	266	16	144
Texas	1,082	74	568
Utah	87	9	55
Vermont	27	0	19
Virginia	208	4	129
Washington	264	23	156
West Virginia	128	9	75
Wisconsin	208	6	135
Wyoming	116	0	71
<b>United States, total</b>	<b>14,232</b>	<b>898</b>	<b>8,871</b>

**NOTE:** "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 (currently \$6,700); 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, *Railroad Safety Statistics: 2004 Annual Report*, Washington, DC: November 2005.

**Table 2-11: Highway-Rail Grade Crossing Incidents: 2004**  
**(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Number of			
	Grade crossings	Incidents	Fatalities	Injuries
Alabama	5,167	113	9	37
Alaska	343	1	0	0
Arizona	1,567	30	2	9
Arkansas	4,509	72	8	28
California	12,489	154	34	53
Colorado	3,131	36	1	15
Connecticut	657	10	4	5
Delaware	449	7	0	7
District of Columbia	40	0	0	0
Florida	5,166	107	19	35
Georgia	8,291	154	15	42
Hawaii	8	1	0	0
Idaho	2,488	24	4	11
Illinois	13,111	177	27	71
Indiana	8,096	159	25	38
Iowa	8,117	81	5	25
Kansas	10,181	72	7	16
Kentucky	4,895	80	8	33
Louisiana	6,604	167	23	66
Maine	1,680	6	0	3
Maryland	1,387	12	0	6
Massachusetts	1,313	18	3	7
Michigan	7,896	102	9	31
Minnesota	7,938	84	15	26
Mississippi	4,423	87	12	44
Missouri	7,818	59	9	31
Montana	3,352	21	2	9
Nebraska	6,221	58	7	17
Nevada	549	2	0	0
New Hampshire	637	1	0	0
New Jersey	2,107	43	8	7
New Mexico	1,226	21	5	9
New York	5,872	34	5	29
North Carolina	7,636	75	12	26
North Dakota	5,954	15	0	11
Ohio	9,632	137	14	35
Oklahoma	5,594	58	9	30
Oregon	5,174	29	7	7
Pennsylvania	8,150	79	1	15
Rhode Island	191	0	0	0
South Carolina	4,103	67	12	27
South Dakota	3,390	16	0	9
Tennessee	5,032	76	6	27
Texas	17,075	292	26	109
Utah	1,626	10	3	7
Vermont	1,185	5	0	2
Virginia	4,822	64	1	21
Washington	5,505	45	4	11
West Virginia	3,498	31	3	8
Wisconsin	6,748	68	4	24
Wyoming	1,153	3	0	2
United States, total	244,196	3,063	368	1,081

**NOTE:** 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 on the trains, as well as people on the train or railroad equipment.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *Interim Railroad Safety Statistics Annual Report 2004*, available at <http://safetydata.fra.dot.gov/officeofsafety/Forms/Default.asp> as of Jan. 11, 2006.

**Table 2-12: Highway-Rail Grade Crossings by Type: 2004**  
**(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Total (number)	Percent of total		Pedestrian
		Public, motor vehicle	Private, motor vehicle	
Alabama	5,167	64.5	35.1	0.4
Alaska	343	66.8	30.9	2.3
Arizona	1,567	57.5	42.1	0.4
Arkansas	4,509	67.9	31.9	0.2
California	12,489	61.8	36.9	1.3
Colorado	3,131	60.1	39.2	0.7
Connecticut	657	56.3	42.3	1.4
Delaware	449	66.4	33.2	0.4
District of Columbia	40	20.0	55.0	25.0
Florida	5,166	74.6	24.2	1.1
Georgia	8,291	69.7	29.9	0.5
Hawaii	8	100.0	0.0	0.0
Idaho	2,488	52.5	47.0	0.6
Illinois	13,111	62.4	35.4	2.2
Indiana	8,096	74.9	24.4	0.6
Iowa	8,117	55.6	43.8	0.6
Kansas	10,181	61.1	38.6	0.3
Kentucky	4,895	49.5	49.7	0.8
Louisiana	6,604	52.0	47.4	0.6
Maine	1,680	49.8	49.6	0.5
Maryland	1,387	49.7	49.7	0.5
Massachusetts	1,313	61.3	37.3	1.4
Michigan	7,896	67.8	31.4	0.8
Minnesota	7,938	62.3	37.1	0.7
Mississippi	4,423	55.5	44.1	0.4
Missouri	7,818	59.1	40.0	0.9
Montana	3,352	43.0	56.5	0.4
Nebraska	6,221	60.0	39.7	0.3
Nevada	549	54.5	45.0	0.5
New Hampshire	637	63.3	35.2	1.6
New Jersey	2,107	72.5	25.4	2.1
New Mexico	1,226	60.3	39.7	0.0
New York	5,872	49.7	49.0	1.3
North Carolina	7,636	57.5	41.7	0.7
North Dakota	5,954	69.1	30.6	0.3
Ohio	9,632	65.2	34.5	0.4
Oklahoma	5,594	73.3	26.5	0.2
Oregon	5,174	43.9	54.4	1.7
Pennsylvania	8,150	58.6	40.0	1.4
Rhode Island	191	61.8	37.7	0.5
South Carolina	4,103	69.5	30.3	0.2
South Dakota	3,390	62.6	37.2	0.2
Tennessee	5,032	63.0	36.5	0.5
Texas	17,075	64.1	35.7	0.2
Utah	1,626	56.2	43.6	0.2
Vermont	1,185	42.3	54.0	3.7
Virginia	4,822	42.4	56.7	0.9
Washington	5,505	48.2	50.8	0.9
West Virginia	3,498	44.0	54.5	1.5
Wisconsin	6,748	61.3	37.3	1.4
Wyoming	1,153	34.3	65.7	0.1
United States, total	244,196	60.5	38.7	0.8

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *Railroad Safety Statistics: 2004 Annual Report*, Washington, DC: November 2005.

**Table 2-13: Warning Devices at Public Highway-Rail Grade Crossings: 2004**

State	Total (number)	Percent of total							
		Cross bucks	Gates	Flashing lights	Stop signs	Unknown	Special warning	HWTS, WW, bells	Other
Alabama	3,333	41.8	15.7	18.2	20.0	2.9	0.6	0.4	0.3
Alaska	229	43.2	26.2	9.2	13.5	3.9	3.1	0.0	0.9
Arizona	901	36.0	42.5	7.0	10.0	2.8	1.2	0.6	0.0
Arkansas	3,063	59.7	13.3	13.4	6.6	3.9	2.2	0.9	0.0
California	7,723	36.2	40.5	12.7	4.1	2.2	0.5	3.5	0.2
Colorado	1,882	47.8	22.0	12.4	11.1	3.2	1.6	1.7	0.2
Connecticut	370	7.6	28.1	38.4	13.0	3.8	7.8	1.4	0.0
Delaware	298	12.4	16.4	58.4	1.3	4.0	7.0	0.3	0.0
District of Columbia	8	0.0	0.0	25.0	25.0	0.0	50.0	0.0	0.0
Florida	3,856	20.5	58.0	14.1	3.7	1.4	2.0	0.3	0.1
Georgia	5,775	41.4	29.9	5.3	18.8	2.6	1.7	0.2	0.1
Hawaii	8	75.0	0.0	0.0	12.5	0.0	0.0	0.0	12.5
Idaho	1,305	33.0	11.3	13.3	41.5	0.5	0.1	0.3	0.0
Illinois	8,180	38.2	29.8	26.2	0.7	2.7	1.3	0.9	0.0
Indiana	6,067	29.2	24.7	23.6	18.7	2.6	0.0	1.1	0.1
Iowa	4,515	54.5	16.6	19.8	7.2	0.8	0.4	0.6	0.0
Kansas	6,221	67.6	16.4	8.9	3.6	1.8	1.1	0.6	0.1
Kentucky	2,424	42.0	16.7	31.7	2.2	4.8	2.0	0.5	0.0
Louisiana	3,436	48.9	18.0	18.4	7.4	5.5	1.0	0.5	0.3
Maine	837	32.6	9.6	47.3	1.3	0.8	7.9	0.5	0.0
Maryland	690	36.8	15.7	30.9	5.5	3.9	3.8	3.3	0.1
Massachusetts	805	14.3	35.0	36.5	1.1	4.0	7.5	1.2	0.4
Michigan	5,350	22.1	17.6	25.4	29.9	2.7	1.7	0.6	0.1
Minnesota	4,943	55.9	16.0	10.5	15.4	1.7	0.4	0.2	0.1
Mississippi	2,456	38.8	11.5	20.6	20.0	4.4	1.1	0.3	3.2
Missouri	4,621	54.9	15.6	18.7	3.0	4.8	1.8	1.1	0.1
Montana	1,443	65.8	13.5	10.9	5.8	3.0	0.7	0.2	0.0
Nebraska	3,734	66.7	17.2	6.8	5.8	2.9	0.1	0.3	0.2
Nevada	299	42.1	43.5	8.0	3.3	1.0	0.7	0.3	1.0
New Hampshire	403	27.3	8.7	31.0	9.7	0.5	19.9	2.5	0.5
New Jersey	1,527	20.4	27.6	38.1	1.1	3.2	8.2	1.3	0.0
New Mexico	739	51.0	29.9	14.1	2.6	1.1	0.1	0.7	0.5
New York	2,919	19.3	54.5	14.4	0.8	3.0	5.5	1.7	0.7
North Carolina	4,394	43.1	32.4	15.9	1.3	4.0	2.8	0.4	0.1
North Dakota	4,115	81.6	12.4	1.2	1.6	3.3	0.0	0.0	0.0
Ohio	6,276	40.9	36.4	17.4	2.6	1.1	1.1	0.4	0.1
Oklahoma	4,099	63.4	16.5	13.8	2.7	1.6	1.4	0.5	0.2
Oregon	2,271	36.5	25.9	5.9	18.7	5.3	4.0	1.8	1.9
Pennsylvania	4,775	34.3	15.9	25.2	2.5	6.7	8.6	1.5	5.4
Rhode Island	118	5.9	13.6	20.3	3.4	18.6	18.6	18.6	0.8
South Carolina	2,850	31.5	32.2	15.4	16.5	0.5	3.7	0.1	0.0
South Dakota	2,123	84.6	1.0	9.4	1.4	3.5	0.0	0.0	0.0
Tennessee	3,169	46.9	14.2	21.8	5.0	6.1	5.4	0.5	0.1
Texas	10,948	44.8	35.4	11.8	2.5	4.0	0.8	0.7	0.1
Utah	913	41.4	21.0	16.5	4.9	6.7	8.3	0.7	0.4
Vermont	501	37.5	6.4	41.1	5.8	1.6	7.2	0.4	0.0
Virginia	2,045	23.8	52.1	20.1	0.4	2.6	0.3	0.4	0.2
Washington	2,655	50.1	20.3	13.9	3.8	9.6	1.4	0.9	0.1
West Virginia	1,538	44.5	14.6	29.5	1.6	7.9	1.1	0.3	0.4
Wisconsin	4,136	37.3	16.1	27.1	15.8	1.0	2.0	0.8	0.0
Wyoming	395	31.4	45.3	18.2	2.0	2.5	0.3	0.3	0.0
United States, total	147,681	44.0	24.9	17.0	7.8	3.1	1.9	0.8	0.4

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

**NOTE:** Percentages may not total to 100 due to rounding.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, Railroad Safety Statistics: 2004 Annual Report, Washington, DC: November 2005.

**Table 2-14: Train Accident/Incident Fatalities, Including at Highway-Rail Crossings, by Category of Person Killed: 2004**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Nontrespasser	Other
Alabama	1	0	9	9	0
Alaska	0	0	0	0	0
Arizona	0	0	19	0	0
Arkansas	0	0	3	8	0
California	1	0	117	5	1
Colorado	1	0	3	0	0
Connecticut	2	0	3	2	0
Delaware	0	0	1	0	0
District of Columbia	0	0	2	1	0
Florida	1	0	26	14	0
Georgia	0	0	22	11	1
Hawaii	0	0	0	0	0
Idaho	0	0	1	4	0
Illinois	3	0	36	20	0
Indiana	1	0	33	4	0
Iowa	0	0	6	2	0
Kansas	1	0	7	5	0
Kentucky	0	0	8	7	0
Louisiana	2	0	13	19	0
Maine	0	0	1	0	0
Maryland	0	0	10	0	0
Massachusetts	0	0	13	0	0
Michigan	2	0	9	6	0
Minnesota	0	0	7	12	0
Mississippi	0	1	8	9	1
Missouri	0	0	14	3	0
Montana	1	0	2	2	0
Nebraska	0	0	5	8	0
Nevada	0	0	3	0	0
New Hampshire	0	0	0	0	0
New Jersey	0	0	23	1	0
New Mexico	3	0	12	3	0
New York	3	1	16	4	0
North Carolina	0	0	28	4	0
North Dakota	0	0	2	0	0
Ohio	0	0	23	11	1
Oklahoma	0	0	10	11	0
Oregon	0	0	8	3	0
Pennsylvania	1	1	16	0	0
Rhode Island	0	0	1	0	0
South Carolina	0	0	7	11	0
South Dakota	0	0	1	0	0
Tennessee	0	0	12	3	1
Texas	3	0	49	19	3
Utah	0	0	5	4	0
Vermont	0	0	0	0	0
Virginia	1	0	2	1	0
Washington	0	0	23	0	0
West Virginia	0	0	6	3	0
Wisconsin	0	0	3	3	0
Wyoming	0	0	0	0	0
United States, total	27	3	628	232	8

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

**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, *Railroad Safety Statistics: 2004 Annual Report*, Washington, DC: November 2005.

**Table 2-15: Train Accident/Incident Injuries, Including at Highway-Rail Crossings, by Category of Person Injured: 2004  
(Includes freight railroad, Amtrak, and commuter rail operations)**

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Nontrespasser	Other
Alabama	73	0	15	27	6
Alaska	36	5	0	0	0
Arizona	84	10	28	7	10
Arkansas	91	0	3	26	5
California	302	44	73	32	38
Colorado	93	10	14	16	4
Connecticut	89	4	2	7	9
Delaware	45	4	6	3	5
District of Columbia	194	5	0	2	5
Florida	133	29	24	28	24
Georgia	115	5	24	27	8
Hawaii	0	0	0	0	0
Idaho	40	0	2	10	1
Illinois	480	141	57	92	62
Indiana	156	2	27	20	5
Iowa	112	4	6	23	6
Kansas	102	4	10	14	7
Kentucky	108	0	18	18	5
Louisiana	150	2	9	51	13
Maine	20	0	1	0	2
Maryland	62	4	7	5	0
Massachusetts	133	15	4	3	3
Michigan	128	5	21	22	4
Minnesota	132	4	9	15	7
Mississippi	70	27	8	35	3
Missouri	122	8	18	26	7
Montana	100	5	3	14	6
Nebraska	128	0	5	13	12
Nevada	19	0	4	0	0
New Hampshire	6	0	0	0	0
New Jersey	256	40	12	51	10
New Mexico	39	5	4	4	6
New York	618	96	19	142	39
North Carolina	58	4	18	27	4
North Dakota	47	5	1	12	2
Ohio	222	4	23	17	12
Oklahoma	56	0	10	31	5
Oregon	77	6	12	10	4
Pennsylvania	376	47	18	59	13
Rhode Island	17	3	1	1	0
South Carolina	48	2	3	26	5
South Dakota	30	0	6	4	1
Tennessee	98	2	11	21	12
Texas	328	30	90	80	40
Utah	39	6	1	9	0
Vermont	16	1	0	2	0
Virginia	76	17	7	22	7
Washington	109	10	15	11	11
West Virginia	59	0	5	7	4
Wisconsin	98	5	6	23	3
Wyoming	61	1	0	2	7
United States, total	6,051	621	660	1,097	442

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

**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, *Railroad Safety Statistics: 2004 Annual Report*, Washington, DC: November 2005.

**Table 2-16: Transit Incidents, Fatalities, Injuries, and Property Damage: 2003  
(All transit modes)**

State	Collision			Noncollision			Total property damage (\$ thousands)
	Number of incidents	Fatalities	Injuries	Number of incidents	Fatalities	Injuries	
Alabama	2	1	1	4	0	3	130
Alaska	6	0	7	34	0	30	187
Arizona	14	5	14	2	1	1	29
Arkansas	62	0	13	19	0	2	29
California	648	26	677	1,355	22	1,289	7,370
Colorado	35	2	46	13	0	14	403
Connecticut	56	0	126	40	0	43	501
Delaware	0	0	0	1	2	0	0
District of Columbia	36	2	66	259	6	242	380
Florida	608	2	769	337	1	332	1,692
Georgia	153	2	237	225	0	223	1,278
Hawaii	31	1	25	76	0	78	315
Idaho	2	0	3	0	0	0	28
Illinois	413	10	725	1,063	30	999	16,359
Indiana	82	1	74	64	0	63	421
Iowa	15	0	21	4	0	3	143
Kansas	0	0	0	6	0	6	0
Kentucky	22	1	34	20	0	21	344
Louisiana	495	0	281	60	0	96	989
Maine	5	0	6	0	0	0	41
Maryland	153	5	350	121	0	125	712
Massachusetts	90	4	156	774	6	627	198
Michigan	944	2	64	42	0	37	7,467
Minnesota	36	0	34	40	0	44	405
Mississippi	54	0	54	7	0	6	13
Missouri	97	1	171	119	0	124	350
Montana	0	0	0	0	0	0	0
Nebraska	1	0	4	0	0	0	29
Nevada	0	0	0	12	0	12	0
New Hampshire	0	0	0	3	0	3	15
New Jersey	837	4	515	545	13	481	3,009
New Mexico	2	0	2	0	0	0	14
New York	956	32	1,287	4,844	25	3,579	20,211
North Carolina	70	0	139	27	0	25	832
North Dakota	0	0	0	0	0	0	0
Ohio	179	3	304	186	0	182	1,322
Oklahoma	4	1	11	0	0	0	347
Oregon	46	5	68	72	0	72	947
Pennsylvania	683	6	241	1,260	2	1,195	511
Rhode Island	41	0	61	3	0	19	204
South Carolina	8	0	10	8	0	8	18
South Dakota	5	0	8	2	0	1	37
Tennessee	54	3	128	39	0	37	502
Texas	310	5	577	182	3	169	3,531
Utah	32	2	29	22	0	19	480
Vermont	0	0	0	0	0	0	0
Virginia	58	0	74	62	1	73	526
Washington	125	3	171	174	2	157	1,634
West Virginia	0	0	0	2	0	2	0
Wisconsin	81	0	143	74	0	81	603
Wyoming	1	0	1	0	0	0	13
United States, total	7,552	129	7,727	12,202	114	10,523	74,564

**NOTES:** Collision includes at-grade crossings and suicides. Noncollision includes: 1) derailments/buses going off road; 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 \$7,500; 2) involve a nonarson fire; 3) involve a mainline derailment; or 4) involve an evacuation due to life safety.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, 2003 National Transit Database, available at <http://www.ntdprogram.com> as of Oct. 5, 2005.

**Table 2-17: Recreational Boating Accidents: 2004**

State	Number of accidents				Number of persons	
	Total	Fatal	Nonfatal injury	Property damage	Killed	Injured
Alabama	70	17	26	27	20	41
Alaska	52	14	14	24	16	33
Arizona	174	10	88	76	11	109
Arkansas	55	5	34	16	8	51
California	603	35	315	253	43	439
Colorado	38	6	24	8	6	29
Connecticut	58	3	24	31	3	29
Delaware	16	1	5	10	1	5
District of Columbia	3	2	0	1	2	0
Florida	713	60	314	339	66	425
Georgia	118	21	68	29	24	82
Hawaii	8	1	0	7	2	0
Idaho	70	9	37	24	10	52
Illinois	72	17	29	26	18	45
Indiana	51	7	23	21	7	30
Iowa	32	2	16	14	2	32
Kansas	36	2	16	18	2	19
Kentucky	46	9	25	12	9	36
Louisiana	156	35	70	51	44	105
Maine	41	6	20	15	6	29
Maryland	178	12	110	56	16	143
Massachusetts	55	9	20	26	9	35
Michigan	143	26	59	58	27	77
Minnesota	88	15	59	14	15	78
Mississippi	35	11	16	8	11	20
Missouri	172	15	99	58	15	117
Montana	12	5	5	2	5	8
Nebraska	36	6	16	14	6	22
Nevada	65	6	33	26	6	47
New Hampshire	35	2	15	18	2	15
New Jersey	124	8	43	73	8	54
New Mexico	21	0	13	8	0	14
New York	178	17	73	88	18	95
North Carolina	140	19	75	46	20	109
North Dakota	7	3	3	1	4	5
Ohio	105	7	49	49	7	59
Oklahoma	55	13	28	14	13	61
Oregon	50	9	19	22	9	21
Pennsylvania	58	11	36	11	11	51
Rhode Island	41	4	14	23	7	24
South Carolina	83	12	41	30	13	54
South Dakota	8	1	3	4	2	5
Tennessee	173	28	117	28	32	169
Texas	159	30	93	36	32	142
Utah	56	3	31	22	3	41
Vermont	5	1	1	3	1	1
Virginia	136	20	84	32	20	101
Washington	134	20	62	52	22	97
West Virginia	9	2	5	2	3	9
Wisconsin	107	24	63	20	24	83
Wyoming	3	1	2	0	1	3
U.S. total (excluding territories)	4,883	602	2,435	1,846	662	3,351
U.S. total (including territories) <sup>1</sup>	4,904	612	2,442	1,850	676	3,363

<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 Transportation, U.S. Coast Guard, *Boating Statistics, 2004*, Washington, DC: 2005, available at [http://www.uscgboating.org/statistics/Boating\\_Statistics\\_2004.pdf](http://www.uscgboating.org/statistics/Boating_Statistics_2004.pdf) as of Oct. 12, 2005.

**Table 2-18: Alcohol Involvement in Recreational Boating Accidents: 2004**

State	Total number of accidents	Accidents involving alcohol			
		Total number of accidents	Percent of state total	Persons killed	Persons injured
Alabama	70	10	14.3	9	9
Alaska	52	6	11.5	5	4
Arizona	174	43	24.7	5	33
Arkansas	55	5	9.1	1	6
California	603	37	6.1	27	53
Colorado	38	4	10.5	2	1
Connecticut	58	5	8.6	0	5
Delaware	16	2	12.5	0	1
District of Columbia	3	2	66.7	1	0
Florida	713	37	5.2	14	34
Georgia	118	12	10.2	6	9
Hawaii	8	0	0.0	0	0
Idaho	70	26	37.1	6	25
Illinois	72	20	27.8	12	15
Indiana	51	10	19.6	3	4
Iowa	32	10	31.3	2	16
Kansas	36	7	19.4	0	6
Kentucky	46	3	6.5	1	2
Louisiana	156	18	11.5	8	11
Maine	41	7	17.1	3	8
Maryland	178	12	6.7	8	8
Massachusetts	55	4	7.3	1	7
Michigan	143	31	21.7	14	18
Minnesota	88	17	19.3	5	17
Mississippi	35	3	8.6	1	3
Missouri	172	41	23.8	4	34
Montana	12	3	25.0	3	1
Nebraska	36	8	22.2	4	5
Nevada	65	12	18.5	3	13
New Hampshire	35	2	5.7	0	2
New Jersey	124	4	3.2	2	1
New Mexico	21	2	9.5	0	1
New York	178	16	9.0	5	13
North Carolina	140	20	14.3	7	21
North Dakota	7	0	0.0	0	0
Ohio	105	9	8.6	3	5
Oklahoma	55	16	29.1	8	27
Oregon	50	3	6.0	1	2
Pennsylvania	58	3	5.2	2	3
Rhode Island	41	2	4.9	1	1
South Carolina	83	5	6.0	2	3
South Dakota	8	3	37.5	2	1
Tennessee	173	19	11.0	12	12
Texas	159	13	8.2	4	17
Utah	56	2	3.6	1	1
Vermont	5	2	40.0	0	0
Virginia	136	19	14.0	6	11
Washington	134	26	19.4	8	24
West Virginia	9	0	0.0	0	0
Wisconsin	107	19	17.8	9	15
Wyoming	3	1	33.3	0	12
U.S. total (excluding territories)	4,883	581	11.9	221	520
U.S. total (including territories) <sup>1</sup>	4,904	582	11.9	222	520

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

**NOTE:** Alcohol involvement in a boating accident includes any accident in which alcoholic beverages are consumed in the boat and the investigating official has determined that the operator was impaired or affected while operating the boat.

**SOURCE:** U.S. Department of Transportation, U.S. Coast Guard, *Boating Statistics 2004*, Washington, DC: 2005, available at [http://www.uscgboating.org/statistics/Boating\\_Statistics\\_2004.pdf](http://www.uscgboating.org/statistics/Boating_Statistics_2004.pdf) as of Oct.12, 2005.

**Table 2-19: Hazardous Materials Incidents: 2004  
(Not including pipelines or bulk, nonpackaged water incidents)**

State	Incidents	Deaths	Injuries		Damages (\$ thousands)	
			Total	Major		Minor
Alabama	169	0	1	0	1	1,158
Alaska	18	0	2	0	2	113
Arizona	229	0	4	0	4	809
Arkansas	141	0	0	0	0	397
California	1,199	0	11	4	7	3,715
Colorado	351	1	7	0	7	1,796
Connecticut	241	0	1	1	0	3,643
Delaware	23	0	1	0	1	184
District of Columbia	14	0	0	0	0	19
Florida	503	2	4	1	3	2,102
Georgia	399	1	4	0	4	965
Hawaii	6	0	0	0	0	17
Idaho	29	0	1	0	1	329
Illinois	1,102	0	16	1	15	1,759
Indiana	372	0	24	2	22	917
Iowa	130	0	4	1	3	274
Kansas	304	0	2	0	2	367
Kentucky	288	0	5	0	5	508
Louisiana	297	0	8	3	5	839
Maine	33	0	1	1	0	15
Maryland	309	4	3	0	3	2,682
Massachusetts	195	0	2	0	2	488
Michigan	249	1	8	1	7	1,126
Minnesota	266	0	2	1	1	277
Mississippi	126	0	0	0	0	312
Missouri	294	0	3	0	3	606
Montana	41	0	1	0	1	115
Nebraska	58	0	2	0	2	531
Nevada	65	0	0	0	0	165
New Hampshire	23	0	1	1	0	187
New Jersey	388	0	2	0	2	738
New Mexico	66	0	1	0	1	1,178
New York	464	0	5	2	3	1,515
North Carolina	527	0	7	0	7	2,576
North Dakota	24	0	0	0	0	38
Ohio	1,326	0	12	3	9	1,332
Oklahoma	190	0	1	0	1	711
Oregon	224	0	0	0	0	861
Pennsylvania	955	0	7	2	5	2,731
Rhode Island	23	0	2	2	0	21
South Carolina	154	0	2	0	2	265
South Dakota	15	0	0	0	0	13
Tennessee	809	0	6	0	6	2,746
Texas	1,234	3	104	17	87	9,435
Utah	173	0	0	0	0	144
Vermont	20	0	0	0	0	18
Virginia	131	0	1	0	1	528
Washington	164	0	5	1	4	117
West Virginia	68	1	2	0	2	518
Wisconsin	258	0	11	0	11	276
Wyoming	23	0	0	0	0	396
<b>United States, total<sup>1</sup></b>	<b>14,740</b>	<b>13</b>	<b>289</b>	<b>44</b>	<b>245</b>	<b>52,587</b>

<sup>1</sup>Total does not include U.S. territories or foreign countries.

**NOTES:** Hazardous material incident locations are often listed as the terminals or sorting centers where they are discovered. Therefore, states with this type of a facility may show a disproportionate number of incidents.

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 Summary by State for Calendar Year 2004*, Washington, DC: 2005, available at <http://hazmat.dot.gov> as of Sept. 30, 2005.

**Table 2-20: Hazardous Materials Incidents by Mode: 2004  
(Not including pipelines)**

State	Mode				Total
	Highway	Rail	Air	Water <sup>2</sup>	
Alabama	149	17	3	0	169
Alaska	3	0	14	1	18
Arizona	204	19	6	0	229
Arkansas	131	10	0	0	141
California	1,082	70	46	1	1,199
Colorado	332	8	11	0	351
Connecticut	239	0	2	0	241
Delaware	22	1	0	0	23
District of Columbia	14	0	0	0	14
Florida	452	20	27	4	503
Georgia	372	14	13	0	399
Hawaii	3	0	2	1	6
Idaho	28	1	0	0	29
Illinois	1,004	83	15	0	1,102
Indiana	351	12	9	0	372
Iowa	124	5	1	0	130
Kansas	286	16	2	0	304
Kentucky	142	17	129	0	288
Louisiana	204	92	0	1	297
Maine	30	2	1	0	33
Maryland	299	6	4	0	309
Massachusetts	186	5	4	0	195
Michigan	230	10	9	0	249
Minnesota	244	12	10	0	266
Mississippi	119	7	0	0	126
Missouri	269	18	7	0	294
Montana	37	2	2	0	41
Nebraska	47	9	2	0	58
Nevada	57	4	4	0	65
New Hampshire	20	2	1	0	23
New Jersey	348	20	18	2	388
New Mexico	54	9	3	0	66
New York	445	13	6	0	464
North Carolina	499	16	12	0	527
North Dakota	22	1	1	0	24
Ohio	976	27	323	0	1,326
Oklahoma	180	7	3	0	190
Oregon	212	9	3	0	224
Pennsylvania	930	18	7	0	955
Rhode Island	22	0	1	0	23
South Carolina	144	7	2	1	154
South Dakota	11	2	2	0	15
Tennessee	563	18	228	0	809
Texas	1,124	87	21	2	1,234
Utah	159	9	5	0	173
Vermont	17	0	3	0	20
Virginia	117	10	4	0	131
Washington	138	21	5	0	164
West Virginia	55	9	4	0	68
Wisconsin	249	2	7	0	258
Wyoming	16	6	1	0	23
<b>United States, total<sup>1</sup></b>	<b>12,977</b>	<b>753</b>	<b>995</b>	<b>15</b>	<b>14,710</b>

<sup>1</sup>Total does not include U.S. territories or foreign countries.

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

**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 Summary by State for Calendar Year 2004*, Washington, DC: 2005, available at <http://hazmat.dot.gov/> as of Sept. 30, 2005.

Table 2-21: Natural Gas Distribution Pipeline Incidents: 2004

State	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	5	2	1	308,500
Alaska	7	0	0	821,010
Arizona	6	0	4	158,000
Arkansas	1	0	0	72,376
California	10	0	0	1,636,600
Colorado	2	0	0	1,085,586
Connecticut	2	0	1	50,290
Delaware	0	0	0	0
District of Columbia	0	0	0	0
Florida	1	0	1	0
Georgia	2	0	0	948,000
Hawaii	0	0	0	0
Idaho	0	0	0	0
Illinois	11	0	2	3,618,509
Indiana	5	2	3	2,671,070
Iowa	1	0	1	1,000
Kansas	3	0	2	647,040
Kentucky	2	0	1	0
Louisiana	17	1	0	62,197
Maine	2	0	0	0
Maryland	7	0	0	4,836,731
Massachusetts	1	0	0	151,010
Michigan	3	0	0	886,010
Minnesota	7	3	4	1,440,000
Mississippi	0	0	0	0
Missouri	2	0	0	307,448
Montana	2	0	1	171,000
Nebraska	2	0	0	703,500
Nevada	1	0	0	457,000
New Hampshire	0	0	0	0
New Jersey	3	1	0	932,900
New Mexico	3	0	1	61,000
New York	5	2	3	5,608,429
North Carolina	2	0	0	1,423,150
North Dakota	0	0	0	0
Ohio	6	2	1	1,436,328
Oklahoma	1	0	0	99,000
Oregon	0	0	0	0
Pennsylvania	18	3	3	3,223,818
Rhode Island	2	0	2	100,000
South Carolina	1	0	0	1,000,000
South Dakota	1	0	0	100,800
Tennessee	0	0	0	0
Texas	8	1	3	262,459
Utah	3	0	2	861,051
Vermont	0	0	0	0
Virginia	7	0	2	1,404,839
Washington	5	1	2	669,639
West Virginia	1	0	1	0
Wisconsin	4	0	0	1,255,286
Wyoming	0	0	0	0
United States, total	172	18	41	39,471,576

**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, available at <http://ops.dot.gov> as of Sept. 30, 2005.

**Table 2-22: Natural Gas Transmission Pipeline Incidents: 2004**

State	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	1	0	0	110,375
Alaska	0	0	0	0
Arizona	0	0	0	0
Arkansas	4	0	0	329,554
California	4	1	0	230,000
Colorado	5	0	1	466,689
Connecticut	0	0	0	0
Delaware	0	0	0	0
District of Columbia	0	0	0	0
Florida	1	0	0	25,383
Georgia	2	0	0	176,401
Hawaii	0	0	0	0
Idaho	0	0	0	0
Illinois	3	0	0	462,791
Indiana	0	0	0	0
Iowa	6	0	0	767,005
Kansas	4	0	0	600,172
Kentucky	1	0	0	95,200
Louisiana	13	0	0	18,835,968
Maine	0	0	0	0
Maryland	0	0	0	0
Massachusetts	1	0	0	72,000
Michigan	1	0	0	100,000
Minnesota	2	0	0	263,220
Mississippi	4	0	1	274,430
Missouri	0	0	0	0
Montana	0	0	0	0
Nebraska	2	0	0	108,408
Nevada	0	0	0	0
New Hampshire	0	0	0	0
New Jersey	4	0	0	438,878
New Mexico	1	0	1	20,000
New York	2	0	0	150,000
North Carolina	1	0	0	305,000
North Dakota	0	0	0	0
Ohio	3	0	0	430,372
Oklahoma	3	0	0	651,100
Oregon	1	0	0	75,000
Pennsylvania	4	0	0	538,700
Rhode Island	0	0	0	0
South Carolina	0	0	0	0
South Dakota	0	0	0	0
Tennessee	0	0	0	0
Texas	20	0	0	3,581,907
Utah	0	0	0	0
Vermont	0	0	0	0
Virginia	0	0	0	0
Washington	1	0	0	56,642
West Virginia	1	0	0	167,677
Wisconsin	0	0	0	0
Wyoming	1	0	0	108,045
United States, total <sup>1</sup>	120	1	3	41,446,262

<sup>1</sup> Incidents that have an "unknown" location are included in the totals.

**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.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, available at <http://ops.dot.gov> as of Oct. 3, 2005.

**Table 2-23: Hazardous Liquid Pipeline Incidents: 2004**

State	Number of incidents	Number of fatalities	Number of injuries	Property damage <sup>2</sup> (dollars)
Alabama	3	0	0	524,002
Alaska	0	0	0	0
Arizona	1	0	0	17,431
Arkansas	7	0	0	158,169
California	34	5	3	8,998,152
Colorado	1	0	0	185,600
Connecticut	1	0	0	2,348,340
Delaware	3	0	0	28,040
District of Columbia	0	0	0	0
Florida	0	0	0	0
Georgia	5	0	0	5,854
Hawaii	2	0	0	477,255
Idaho	0	0	0	0
Illinois	12	0	0	852,662
Indiana	4	0	0	96,085
Iowa	7	0	0	38,160
Kansas	22	0	0	1,282,886
Kentucky	2	0	9	1,268,258
Louisiana	21	0	0	17,010,460
Maine	0	0	0	0
Maryland	1	0	0	32,000
Massachusetts	0	0	0	0
Michigan	5	0	0	198,135
Minnesota	5	0	0	1,344,865
Mississippi	4	0	0	10,439
Missouri	6	0	0	152,490
Montana	4	0	0	49,737
Nebraska	8	0	0	465,040
Nevada	0	0	0	0
New Hampshire	0	0	0	0
New Jersey	9	0	0	517,927
New Mexico	5	0	0	114,478
New York	5	0	0	1,678,146
North Carolina	4	0	0	248,178
North Dakota	2	0	0	973,000
Ohio	6	0	0	457,843
Oklahoma	30	0	0	7,791,618
Oregon	0	0	0	0
Pennsylvania	8	0	0	1,602,660
Rhode Island	0	0	0	0
South Carolina	1	0	0	29,875
South Dakota	1	0	0	0
Tennessee	0	0	0	0
Texas	108	0	1	6,885,415
Utah	2	0	0	389,592
Vermont	0	0	0	0
Virginia	1	0	0	60,250
Washington	2	0	0	612,887
West Virginia	2	0	0	57,653
Wisconsin	8	0	0	167,040
Wyoming	9	0	0	117,300
<b>United States, total<sup>1</sup></b>	<b>374</b>	<b>5</b>	<b>13</b>	<b>136,739,392</b>

<sup>1</sup> Incidents that have an "unknown" location are included in the totals.

<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.

**NOTES:** Historical totals may change as the Office of Pipeline Safety receives supplemental information on incidents. Incidents are reported on Form RSPA F 7100.1. 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, available at <http://ops.dot.gov> as of Oct. 3, 2005.



# Section C



## Freight Transportation



Table 3-1: Freight Shipments by State of Origin: 2002

State	Value (\$ millions)	Tons (thousands)	Ton-miles (millions)
Alabama	127,727	216,383	60,813
Alaska	8,032	36,498	7,690
Arizona	111,273	100,872	16,122
Arkansas	91,967	120,127	37,916
California	923,669	903,954	166,862
Colorado	93,184	150,476	60,908
Connecticut	82,477	48,894	5,255
Delaware	20,348	30,988	3,623
District of Columbia	3,707	1,407	34
Florida	296,989	455,084	61,074
Georgia	270,703	339,846	68,310
Hawaii	13,480	23,659	S
Idaho	28,471	34,971	20,561
Illinois	442,130	718,351	167,342
Indiana	291,458	397,829	82,601
Iowa	115,396	232,544	107,728
Kansas	95,285	192,854	44,857
Kentucky	189,390	336,341	99,630
Louisiana	139,843	495,703	131,293
Maine	32,355	32,121	10,590
Maryland	121,356	165,399	15,140
Massachusetts	200,813	75,123	14,077
Michigan	388,571	331,190	68,679
Minnesota	166,430	336,237	154,321
Mississippi	94,897	98,720	38,333
Missouri	185,392	254,827	72,910
Montana	12,447	89,547	61,984
Nebraska	61,797	101,684	33,226
Nevada	40,756	44,210	8,695
New Hampshire	31,191	33,751	4,773
New Jersey	286,580	237,847	41,341
New Mexico	14,907	48,841	10,453
New York	318,775	249,551	55,284
North Carolina	293,604	276,004	47,088
North Dakota	18,921	88,302	20,709
Ohio	494,278	546,095	127,152
Oklahoma	77,576	136,033	26,981
Oregon	102,600	158,053	48,620
Pennsylvania	354,399	399,764	90,300
Rhode Island	21,035	19,389	2,815
South Carolina	143,194	142,708	32,484
South Dakota	26,430	52,286	17,776
Tennessee	286,576	270,265	54,491
Texas	589,064	1,082,596	229,846
Utah	61,515	109,672	38,046
Vermont	16,238	16,218	3,296
Virginia	164,557	268,935	44,113
Washington	177,395	259,594	46,724
West Virginia	38,479	275,583	78,437
Wisconsin	217,451	229,502	70,753
Wyoming	12,106	401,092	421,230
United States, total	8,397,210	11,667,919	3,137,898

KEY: S = withheld due to high sampling variability or poor response quality.

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, *2002 Commodity Flow Survey: United States*, Washington, DC: 2004, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/2002/united\\_states/](http://www.bts.gov/publications/commodity_flow_survey/2002/united_states/) as of Jan. 11, 2006.

**Table 3-2: Hazardous Material Shipments by Selected State of Origin: 2002  
(Ranked by tons)**

<b>State</b>	<b>Value (\$ millions)</b>	<b>Tons (thousands)</b>	<b>Ton-miles (millions)</b>
Texas	127,188	467,196	72,291
Louisiana	53,408	222,696	61,920
California	67,693	198,490	15,689
Illinois	40,893	121,087	17,402
New Jersey	22,161	92,133	11,131
Ohio	27,971	81,342	8,482
Indiana	16,005	62,895	5,476
Michigan	23,835	61,040	4,992
Florida	17,919	56,647	3,170
Tennessee	18,492	53,674	7,057
Washington	15,471	52,179	6,274
Pennsylvania	24,885	51,191	5,633
New York	15,292	46,215	11,134
Georgia	17,011	46,213	4,148
Utah	10,120	42,874	10,538
Kentucky	11,718	40,932	4,213
Mississippi	8,761	36,542	16,540
Alabama	8,691	30,545	3,087
North Carolina	12,932	28,611	3,011
West Virginia	2,930	S	S
Top 20 states	543,376	S	S
All other states	116,803	371,305	51,832
United States, total	660,181	2,191,519	326,727

**KEY:** S = withheld due to high sampling variability or poor response quality.

**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, *2002 Commodity Flow Survey: United States, Hazardous Materials*, Washington, DC: December 2004, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/2002/hazardous\\_materials/](http://www.bts.gov/publications/commodity_flow_survey/2002/hazardous_materials/) as of Jan. 11, 2006

**Table 3-3: Hazardous Material Shipments by Selected State of Destination: 2002  
(Ranked by tons)**

<b>State</b>	<b>Value (\$ millions)</b>	<b>Tons (thousands)</b>	<b>Ton-miles (millions)</b>
Texas	120,183	459,432	57,616
California	74,773	203,905	32,293
Louisiana	38,542	157,297	13,783
Ohio	28,692	105,770	17,208
Illinois	30,797	96,587	14,703
Florida	27,431	94,555	30,545
New Jersey	23,071	85,470	16,218
Michigan	23,135	68,731	8,682
Indiana	19,982	68,339	4,845
Pennsylvania	18,554	52,390	5,245
Tennessee	15,899	49,330	7,920
New York	15,474	48,093	8,663
Georgia	16,255	48,091	5,638
Washington	13,213	47,739	8,300
Kentucky	11,922	37,984	8,509
Mississippi	9,389	35,497	4,394
North Carolina	13,976	30,367	5,017
Alabama	9,613	30,093	4,003
Utah	6,261	27,951	2,295
Missouri	9,011	27,309	2,939
Top 20 states	526,173	1,774,930	258,816
All other states	134,008	416,587	67,911
United States, total	660,181	2,191,519	326,727

**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, *2002 Commodity Flow Survey: United States, Hazardous Materials*, Washington, DC: December 2004, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/2002/hazardous\\_materials/](http://www.bts.gov/publications/commodity_flow_survey/2002/hazardous_materials/) as of Jan. 11, 2006

Table 3-4: Rail Shipments: 2003

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	51,850,447	Coal	42,931,438	Coal
Alaska	8,324,395	Nonmetallic minerals	8,324,395	Nonmetallic minerals
Arizona	25,250,449	Coal	4,874,284	Glass and stone products
Arkansas	28,092,023	Coal	20,108,156	Nonmetallic minerals
California	98,126,545	Mixed freight	64,818,362	Mixed freight
Colorado	28,354,479	Coal	38,527,945	Coal
Connecticut	2,015,026	Nonmetallic minerals	1,651,247	Waste and scrap
Delaware	5,704,923	Coal	1,159,176	Chemicals
District of Columbia	14,592	Miscellaneous	164,688	Miscellaneous
Florida	100,354,677	Nonmetallic minerals	72,279,813	Nonmetallic minerals
Georgia	83,957,305	Coal	37,595,635	Nonmetallic minerals
Hawaii	0	NA	0	NA
Idaho	9,901,984	Farm products	10,970,546	Farm products
Illinois	188,759,825	Coal	133,447,976	Coal
Indiana	62,797,888	Coal	53,354,135	Coal
Iowa	36,828,136	Coal	43,419,276	Farm products
Kansas	25,986,758	Coal	19,725,745	Farm products
Kentucky	41,111,575	Coal	91,715,485	Coal
Louisiana	30,391,381	Chemicals	38,509,049	Chemicals
Maine	3,513,556	Glass and stone products	3,841,136	Pulp and paper products
Maryland	23,679,682	Coal	8,050,106	Waste and scrap
Massachusetts	9,590,642	Mixed freight	2,655,498	Mixed freight
Michigan	54,343,530	Coal	38,455,785	Metallic ores
Minnesota	45,785,267	Coal	52,656,227	Metallic ores
Mississippi	18,136,821	Coal	13,554,524	Chemicals
Missouri	81,010,783	Coal	17,316,498	Food products
Montana	4,670,549	Petroleum products	37,551,683	Coal
Nebraska	19,647,160	Coal	22,088,099	Farm products
Nevada	8,345,487	Coal	2,739,852	Nonmetallic minerals
New Hampshire	1,431,300	Coal and petroleum products	864,560	Pulp and paper products
New Jersey	22,744,801	Mixed freight	11,225,983	Mixed freight
New Mexico	3,306,359	Farm products	14,482,447	Coal
New York	24,838,403	Coal	10,862,585	Waste and scrap
North Carolina	60,079,116	Coal	13,866,625	Chemicals
North Dakota	9,083,118	Coal	22,508,129	Farm products
Ohio	99,504,789	Coal	67,559,750	Coal
Oklahoma	32,480,118	Coal	22,214,567	Nonmetallic minerals
Oregon	25,127,486	Chemicals	15,638,540	Lumber and wood products
Pennsylvania	63,349,928	Coal	59,916,458	Coal
Rhode Island	474,300	Chemicals	395,876	Waste and scrap
South Carolina	33,620,972	Coal	16,944,797	Lumber and wood products
South Dakota	3,149,545	Coal and petroleum gas	8,609,479	Farm products
Tennessee	37,389,770	Coal	20,017,540	Food products
Texas	192,998,681	Coal	109,048,075	Chemicals
Utah	12,687,930	Coal and petroleum products	22,598,135	Coal
Vermont	1,172,360	Petroleum products	827,120	Glass and stone products
Virginia	59,297,928	Coal	52,301,475	Coal
Washington	40,930,757	Farm products	22,880,779	Mixed freight
West Virginia	35,906,786	Coal	114,274,486	Coal
Wisconsin	71,937,427	Coal	17,185,097	Nonmetallic minerals
Wyoming	16,735,187	Coal	376,542,795	Coal
United States, total	1,944,792,946		1,883,252,057	

KEY: NA = not applicable.

NOTE: Top commodity for each state is determined by tonnage terminating and originating of the 38 two-digit Standard Transportation Commodity Code groupings and includes intrastate shipments.

SOURCE: Association of American Railroads, *Railroads and States-2003*, Washington, DC: 2005, available at <http://www.aar.org/abouttheindustry/stateinformation.asp> as of Sept. 19, 2005.

**Table 3-5: Waterborne Shipments: 2003**  
(Thousands of short tons)

State	Terminating in state			Originating in state		Total
	Intrastate	Domestic	Foreign	Domestic	Foreign	
Alabama	15,157	18,320	17,553	14,142	7,477	72,650
Alaska	3,876	2,649	949	51,133	6,746	65,353
Arkansas	3,050	5,836	0	6,197	0	15,083
California	13,225	29,370	107,287	5,539	37,957	193,378
Connecticut	1,496	11,223	4,850	892	118	18,579
Delaware	3,860	1,921	21,328	14,641	330	42,081
District of Columbia	0	769	0	1	0	770
Florida	3,083	60,327	40,514	11,215	16,430	131,570
Georgia	293	1,027	14,231	658	9,146	25,356
Hawaii	9,664	5,250	7,276	741	711	23,642
Idaho	184	48	0	828	0	1,061
Illinois	12,319	17,755	1,090	81,474	677	113,314
Indiana	4,561	47,728	2,029	13,131	610	68,059
Iowa	705	3,845	0	9,922	0	14,471
Kansas	0	1,678	0	16	0	1,694
Kentucky	14,727	32,424	0	52,180	0	99,332
Louisiana	43,507	120,656	107,489	101,297	96,512	469,461
Maine	159	2,701	28,217	154	467	31,698
Maryland	3,618	12,378	19,626	6,032	5,880	47,533
Massachusetts	1,839	8,042	19,041	923	810	30,655
Michigan	13,231	19,389	7,945	22,099	3,723	66,387
Minnesota	2,623	6,429	524	28,914	9,198	47,687
Mississippi	832	9,781	18,839	13,613	4,380	47,446
Missouri	8,479	6,306	0	19,265	0	34,050
Nebraska	0	22	0	28	0	50
New Hampshire	0	674	4,114	23	160	4,971
New Jersey	3,913	18,581	53,488	27,522	8,157	111,661
New York	17,363	20,943	43,828	14,704	2,567	99,406
North Carolina	1,596	2,862	3,967	298	1,507	10,231
Ohio	15,293	58,671	8,806	15,943	15,031	113,743
Oklahoma	10	2,331	0	2,554	0	4,895
Oregon	3,374	7,419	4,614	3,198	13,206	31,811
Pennsylvania	12,485	35,697	36,886	18,340	996	104,404
Puerto Rico	2,108	9,253	14,829	1,783	1,672	29,644
Rhode Island	46	4,120	4,538	441	271	9,417
South Carolina	2,523	3,518	15,571	419	5,780	27,811
Tennessee	4,026	34,096	0	7,719	0	45,840
Texas	55,530	22,418	284,932	45,821	65,240	473,941
Virginia	4,629	4,275	12,222	9,386	19,521	50,033
Washington	11,325	29,480	19,479	13,333	32,872	106,489
West Virginia	10,007	16,723	0	46,595	0	73,326
Wisconsin	171	6,840	1,568	21,268	3,698	33,546
United States, total	305,248	710,835	1,004,791	710,835	373,324	2,394,199

**NOTES:** U.S. and state totals exclude duplication. The U.S. total includes Guam, the Virgin Islands, the Pacific Islands, other territories, and trans-shipments.

**SOURCE:** U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *CY 2003 Waterborne Tonnage by State*, available at <http://www.iwr.usace.army.mil/ndc/wcsc/statenm03.htm> as of Sept. 19, 2005.

**Table 3-6: Top 50 U.S. Ports by Port Calls and Vessel Type: 2004<sup>1</sup>**

Port	Rank	Vessel type and total capacity (thousands of dwt)									
		Total		Tanker <sup>4</sup>		Dry-bulk		Containership		Other general cargo <sup>5</sup>	
		Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity
Houston, TX	1	5,309	227,735	3,169	153,679	745	27,766	787	26,992	699	20,697
Los Angeles/Long Beach, CA <sup>2</sup>	2	5,290	227,689	953	79,319	638	28,746	3,082	155,054	857	18,437
New York, NY	3	4,862	213,422	1,351	73,519	340	12,533	2,331	104,755	1,259	29,878
New Orleans, LA <sup>2</sup>	4	4,612	217,735	1,364	82,812	2,535	111,061	316	10,861	400	13,117
San Francisco, CA <sup>2</sup>	5	3,760	188,439	679	52,472	747	30,188	1,927	94,765	499	12,378
Philadelphia, PA <sup>2</sup>	6	2,909	165,364	1,508	126,288	438	16,978	349	10,773	702	12,718
Virginia Ports, VA <sup>2</sup>	7	2,595	120,642	147	8,955	423	22,802	1,717	76,424	352	13,301
Columbia River, OR <sup>2</sup>	8	2,243	88,313	133	4,553	1,610	66,005	187	9,224	484	11,321
Savannah, GA	9	2,117	91,406	299	13,082	228	7,441	1,227	60,653	411	11,311
Charleston, SC	10	2,037	84,967	144	6,320	128	5,473	1,481	66,099	438	9,978
Baltimore, MD	11	1,747	59,556	140	5,357	386	19,216	372	14,845	1,334	28,638
Port Arthur, TX	12	1,586	116,061	1,328	106,167	160	6,346	2	26	96	3,521
Jacksonville, FL	13	1,441	41,792	293	12,669	226	9,381	293	8,703	1,009	17,140
Miami, FL	14	1,247	44,383	4	130	25	878	893	38,278	345	5,433
Texas City, TX	15	1,209	79,314	1,157	76,804	40	1,804	0	0	12	706
Tacoma, WA	16	1,186	52,805	73	3,831	276	15,564	526	26,755	468	9,167
San Juan, PR	17	1,080	22,908	112	4,648	51	1,651	498	10,723	522	7,464
Seattle, WA	18	1,061	54,421	6	312	242	12,502	760	39,585	53	2,022
Port Everglades, FL	19	1,055	36,552	397	17,552	114	4,195	362	11,611	189	3,310
Corpus Christi, TX	20	931	63,150	726	51,365	139	5,595	1	53	65	6,136
Tampa, FL	21	859	30,411	386	14,112	370	14,056	32	535	86	1,907
Freeport, TX	22	755	40,192	613	36,866	20	952	97	1,416	25	958
Mobile, AL	23	698	35,278	149	8,983	355	19,719	35	500	159	6,076
Honolulu, HI	24	691	23,283	118	8,887	13	524	381	10,318	226	4,299
Lake Charles, LA	25	640	41,757	478	35,477	107	4,910	2	37	53	1,334
Wilmington, NC	26	520	18,904	220	8,202	105	3,313	56	2,506	140	4,901
Valdez, AK	27	465	54,568	465	54,568	0	0	0	0	0	0
Portland, ME	28	402	31,061	328	28,433	33	1,048	0	0	41	1,580
Point Comfort, TX	29	373	13,190	305	10,031	64	3,024	0	0	5	158
Galveston, TX	30	351	14,238	140	8,068	86	4,160	1	36	163	2,622
Pascagoula, MS	31	349	26,010	284	22,540	52	2,970	0	0	14	514
Port Hueneme, CA	32	336	5,615	10	321	0	0	2	27	528	8,747
March Point, WA	33	326	30,262	320	30,044	6	218	0	0	0	0
LOOP Terminal, LA	34	269	66,836	266	66,604	0	0	1	13	2	220
Boston, MA	35	262	11,311	167	7,664	23	816	62	2,610	17	324
Port Angeles, WA	36	258	25,636	230	24,398	18	834	2	69	8	334
San Diego, CA	37	251	5,418	2	225	33	1,366	49	800	293	4,999
El Segundo, CA	38	242	24,657	242	24,657	0	0	0	0	0	0
Anchorage, AK	39	224	5,770	2	97	4	176	112	2,538	106	2,959
Cherry Point, WA	40	188	19,860	188	19,860	0	0	0	0	0	0
New Haven, CT	41	175	6,730	91	3,789	50	1,918	0	0	34	1,023
Providence, RI	42	173	6,489	86	3,745	82	2,589	1	23	4	132
Dutch Harbor, AK	43	172	6,454	0	0	0	0	168	6,402	5	67
Brownsville, TX	44	168	5,808	31	1,067	107	4,072	2	36	28	633
Guayanilla, PR	45	158	6,895	157	6,849	0	0	0	0	1	46
Barbers Point, HI	46	155	12,524	121	10,840	33	1,660	0	0	1	24
Port Manatee, FL	47	137	4,412	8	303	57	2,355	1	23	71	1,731
Portsmouth, NH	48	128	4,812	73	2,791	51	1,928	0	0	4	93
Ingleside, TX	49	125	8,295	70	5,685	53	2,404	0	0	2	206
Palm Beach, FL	50	122	1,606	1	24	3	97	49	671	69	813
All other ports		1,636	156,914	698	76,334	415	18,578	115	2,414	529	11,424
U.S. ports total <sup>3</sup>		59,885	2,941,853	20,232	1,401,298	11,631	499,812	18,279	797,154	12,808	294,799
Top 50 as % of U.S. total		97%	95%	97%	95%	96%	96%	99%	100%	96%	96%

<sup>1</sup> Excludes calls by vessels under 10,000 dwt.<sup>2</sup> Starting with year 2000 source data, Columbia River ports, Virginia ports, Los Angeles/Long Beach, Philadelphia/Delaware River ports, New Orleans, and San Francisco Bay area ports were reported on an individual basis. However, for historical consistency, MARAD has continued to present calls at these ports as totals. For definitions of individual ports included in this table see the original information source.<sup>3</sup> Includes Puerto Rico.<sup>4</sup> Includes petroleum, chemical, and gas carriers.<sup>5</sup> Includes roll-on/roll-off, roll-on/roll-off container, vehicle carriers, general cargo, partial containership, refrigerated, barge carrier, livestock carrier, and combination carriers.**KEY:** Capacity = dwt\*calls; dwt = dead weight tons.**SOURCE:** U.S. Department of Transportation, Maritime Administration, *Vessel Calls at U.S. Ports 2004*, Washington, DC: 2005, available at [http://www.marad.dot.gov/Marad\\_Statistics/index.html](http://www.marad.dot.gov/Marad_Statistics/index.html) as of Oct. 3, 2005.

**Table 3-7: Top 30 U.S. Containership Ports: 2004  
(Thousands of TEUs)**

Port	Rank	Total	Export	Import
Los Angeles, CA	1	4,875	1,029	3,846
Long Beach, CA	2	3,764	813	2,951
New York, NY	3	3,163	924	2,239
Charleston, SC	4	1,421	584	838
Savannah, GA	5	1,290	625	665
Norfolk, VA	6	1,206	489	717
Oakland, CA	7	1,197	584	613
Houston, TX	8	1,098	565	532
Seattle, WA	9	1,049	368	681
Tacoma, WA	10	941	339	601
Miami, FL	11	795	330	465
Port Everglades, FL	12	500	268	232
Baltimore, MD	13	354	118	236
New Orleans, LA	14	244	144	100
Gulfport, MS	15	227	107	120
Portland, OR	16	209	139	70
San Juan, PR	17	200	44	156
West Palm Beach, FL	18	156	118	38
Wilmington, DE	19	148	28	120
Jacksonville, FL	20	144	102	42
Philadelphia, PA	21	132	19	113
Boston, MA	22	119	47	73
Newport News, VA	23	96	38	58
Chester, PA	24	85	36	49
Wilmington, NC	25	81	29	52
San Diego, CA	26	50	5	46
Freeport, TX	27	50	23	27
Honolulu, HI	28	45	24	21
Richmond-Petersburg, VA	29	39	17	22
Anchorage, AK	30	30	27	3
United States, total <sup>1</sup>		23,851	8,045	15,805
Top 30 ports as % of U.S. total		99.4%	99.2%	99.5%

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

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

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *U.S. Waterborne Foreign Trade Containerized Cargo*, based on the original data source: Port Import/Export Reporting Service, available at [http://www.marad.dot.gov/Marad\\_Statistics/](http://www.marad.dot.gov/Marad_Statistics/) as of Sept. 26, 2005.

**Table 3-8: Scheduled and Nonscheduled Air Freight and Mail Enplaned: 2004  
(Short tons)**

State	Freight		Mail	
	Scheduled	Nonscheduled	Scheduled	Nonscheduled
Alabama	23,873	33,457	997	0
Alaska	465,437	150,296	4,608	472
Arizona	135,212	17,841	21,527	2
Arkansas	11,940	231	349	0
California	1,728,492	191,245	110,578	815
Colorado	139,604	10,822	18,661	1
Connecticut	72,205	10,490	6,018	0
Delaware	0	24,992	0	0
District of Columbia	129,295	3,800	7,967	4
Florida	765,778	294,405	55,023	2,389
Georgia	385,683	44,929	53,901	0
Hawaii	167,669	44,732	6,440	3,338
Idaho	25,186	575	99	0
Illinois	753,427	89,214	68,024	266
Indiana	529,778	71,999	5,841	0
Iowa	65,812	194	331	0
Kansas	15,061	3,251	32	0
Kentucky	1,091,238	141,696	16,079	168
Louisiana	43,809	2,204	3,272	1
Maine	8,068	2,216	3	0
Maryland	53,377	5,867	7,230	1
Massachusetts	157,267	12,555	12,506	1
Michigan	131,494	9,391	4,237	70
Minnesota	144,364	18,884	5,872	0
Mississippi	7,667	217	55	0
Missouri	109,022	42,567	10,851	0
Montana	19,672	15	150	1
Nebraska	37,366	228	820	1
Nevada	62,150	12,295	11,971	7
New Hampshire	45,183	218	235	0
New Jersey	403,831	24,067	30,065	22,407
New Mexico	47,522	80	1,267	0
New York	673,276	140,380	48,704	2,676
North Carolina	137,476	34,961	9,896	0
North Dakota	11,236	39	5	0
Ohio	449,525	243,767	7,727	0
Oklahoma	38,628	973	2,027	0
Oregon	111,093	10,748	2,677	0
Pennsylvania	386,194	20,101	15,576	5
Puerto Rico	130,049	12,243	1,448	140
Rhode Island	9,368	2	3	0
South Carolina	89,115	23,793	465	0
South Dakota	22,022	41	28	1
Tennessee	2,026,129	33,625	3,992	2,101
Texas	675,303	103,725	56,050	4
Utah	88,450	8,381	11,037	0
Vermont	4,891	10	0	0
Virginia	47,346	689	233	0
Washington	216,985	40,560	9,243	1
West Virginia	2,875	10	0	0
Wisconsin	51,262	3,003	4,681	0
Wyoming	1,576	0	0	0
United States, total	12,949,281	1,942,024	638,801	34,872

**NOTES:** Shipments by foreign carriers and intrastate shipments are excluded. Shipments destined for foreign airports and by small certificated and commuter carriers are included.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, special tabulation, Dec. 5, 2005.

Table 3-9: Top 50 All-Cargo Airports by Landed Weight: 2002–2004

Airport	Rank in	Landed weight (million lbs.)		
	2004	2002	2003	2004
Anchorage, AK (Ted Stevens Anchorage International)	1	17,987	18,015	19,689
Memphis, TN (Memphis International)	2	17,653	17,519	17,771
Louisville, KY (Louisville International-Standiford Field)	3	8,403	8,345	8,777
Miami, FL (Miami International)	4	6,347	6,477	6,847
Los Angeles, CA (Los Angeles International)	5	6,076	6,239	6,124
New York, NY (John F. Kennedy International)	6	5,824	5,874	5,797
Chicago, IL (Chicago O'Hare International)	7	4,434	4,702	4,718
Indianapolis, IN (Indianapolis International)	8	4,676	4,554	4,628
Newark, NJ (Newark Liberty International)	9	3,516	3,669	3,529
Oakland, CA (Metropolitan Oakland International)	10	3,493	3,389	3,406
Dallas-Fort Worth, TX (Dallas/Fort Worth International)	11	2,961	2,962	2,862
Philadelphia, PA (Philadelphia International)	12	2,932	2,730	2,743
Ontario, CA (Ontario International)	13	2,888	2,675	2,652
Atlanta, GA (Hartsfield-Jackson Atlanta International)	14	2,332	2,387	2,325
Covington/Cincinnati, OH (Cincinnati/Northern Kentucky International)	15	2,086	2,197	2,282
Honolulu, HI (Honolulu International)	16	1,941	2,035	1,940
Phoenix, AZ (Phoenix Sky Harbor International)	17	1,735	1,559	1,603
Dayton, OH (James M. Cox Dayton International)	18	1,794	1,569	1,573
Denver, CO (Denver International)	19	1,565	1,495	1,526
San Francisco, CA (San Francisco International)	20	2,070	2,400	1,480
Portland, OR (Portland International)	21	1,632	1,498	1,436
Houston, TX (George Bush Intercontinental)	22	964	1,332	1,394
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	23	1,242	1,375	1,356
Rockford, IL (Greater Rockford)	24	1,261	1,251	1,354
Salt Lake City, UT (Salt Lake City International)	25	1,166	1,199	1,242
Boston, MA (General Edward Lawrence Logan International)	26	1,272	1,199	1,172
Orlando, FL (Orlando International)	27	1,246	1,090	1,161
Seattle, WA (Seattle-Tacoma International)	28	1,761	1,593	1,062
Toledo, OH (Toledo Express)	29	945	921	1,004
Kansas City, MO (Kansas City International)	30	853	850	943
San Juan, PR (Luis Munoz Marin International)	31	1,073	1,303	904
Seattle, WA (Boeing Field/King County International)	32	782	764	892
Windsor Locks, CT (Bradley International)	33	905	824	890
Columbia, SC (Columbia Metropolitan)	34	838	609	884
Fairbanks, AK (Fairbanks International)	35	1,237	875	820
Charlotte, NC (Charlotte/Douglas International)	36	747	733	765
Fort Wayne, IN (Fort Wayne International)	37	623	749	764
Fort Worth, TX (Fort Worth Alliance)	38	740	697	747
San Antonio, TX (San Antonio International)	39	683	705	736
Fort Lauderdale, FL (Fort Lauderdale/Hollywood International)	40	823	771	734
Austin, TX (Austin-Bergstrom International)	41	801	735	732
Detroit, MI (Detroit Metropolitan Wayne County)	42	709	728	697
San Diego, CA (San Diego International)	43	653	652	641
Des Moines, IA (Des Moines International)	44	680	644	623
Albuquerque, NM (Albuquerque International Sunport)	45	619	589	623
Chantilly, VA (Washington Dulles International)	46	677	617	610
St. Louis, MO (Lambert-St Louis International)	47	600	605	602
Columbus, OH (Rickenbacker International)	48	651	478	594
Milwaukee, WI (General Mitchell International)	49	555	535	579
Rochester, NY (Greater Rochester International)	50	414	504	565
Top 50 airports		127,865	127,217	128,796
United States, all airports <sup>1</sup>		146,581	146,144	148,594
Top 50 as % of U.S. total		87%	87%	87%

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

**SOURCES:** U.S. Department of Transportation, Federal Aviation Administration, Airport Planning, *CY 2003 Passenger Boarding and All-Cargo Data*, available at <http://www.faa.gov/arp/planning/stats/> as of Oct. 24, 2005; U.S. Department of Transportation, Federal Aviation Administration, Airport Planning, *CY 2004 Passenger Boarding and All-Cargo Data*, available at <http://www.faa.gov/arp/planning/stats/> as of Oct. 24, 2005.

**Table 3-10: U.S. Surface Merchandise Trade with Canada and Mexico: 2004<sup>1</sup>**  
**(Millions of current dollars)**

State	Exports to		Imports from	
	Canada	Mexico	Canada	Mexico
Alabama	1,736	501	1,307	740
Alaska	112	17	205	8
Arizona	841	3,618	1,265	3,637
Arkansas	954	338	847	283
California	8,840	15,411	18,266	23,587
Colorado	1,434	652	1,427	509
Connecticut	1,192	532	1,924	942
Delaware	597	180	602	78
District of Columbia	11	6	71	6
Florida	1,985	924	2,945	1,254
Georgia	4,008	1,269	4,379	2,287
Hawaii	6	0	84	0
Idaho	342	78	531	25
Illinois	8,756	2,144	17,709	4,617
Indiana	8,172	2,454	5,125	2,937
Iowa	2,220	805	2,770	692
Kansas	1,092	620	1,538	580
Kentucky	4,399	745	3,806	1,747
Louisiana	1,293	481	633	180
Maine	798	22	1,964	31
Maryland	987	304	1,493	1,106
Massachusetts	2,260	552	5,302	626
Michigan	21,114	4,020	48,365	20,580
Minnesota	2,793	456	7,634	1,059
Mississippi	698	378	683	280
Missouri	3,887	906	2,955	1,653
Montana	291	34	2,863	5
Nebraska	647	409	565	171
Nevada	329	42	714	156
New Hampshire	458	65	1,082	300
New Jersey	3,630	796	4,438	1,275
New Mexico	87	346	187	126
New York	8,967	1,557	19,076	2,708
North Carolina	4,223	1,337	3,065	3,093
North Dakota	476	47	1,309	46
Ohio	14,734	2,307	12,699	3,468
Oklahoma	1,077	316	1,021	458
Oregon	1,766	632	2,239	979
Pennsylvania	5,906	1,086	9,004	2,465
Rhode Island	369	44	550	109
South Carolina	2,766	719	1,797	954
South Dakota	239	131	377	100
Tennessee	4,999	1,671	5,704	3,258
Texas	10,188	40,857	6,899	33,610
Utah	513	104	1,314	309
Vermont	1,450	26	3,444	15
Virginia	2,329	357	2,370	759
Washington	3,377	770	10,706	353
West Virginia	944	434	793	151
Wisconsin	4,621	967	4,350	1,523
Wyoming	111	70	1,866	9
United States, total <sup>2</sup>	171,878	97,304	236,735	127,646

<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, *Transborder Surface Freight Data*, available at <http://www.bts.gov/ntda/tbscd/reports.html> as of Oct. 12, 2005.

Table 3-11: U.S. Surface Merchandise Imports from Canada and Mexico: 2004

State	Canada				Mexico			
	Total (metric tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)	Total (metric tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)
Alabama	1,191,626	34	66	<1	162,197	84	15	<1
Alaska	79,123	64	36	<1	4,771	70	30	0
Arizona	1,213,988	22	78	<1	2,142,613	89	11	<1
Arkansas	838,558	33	36	31	106,314	75	25	0
California	7,680,048	31	68	1	5,442,164	92	8	<1
Colorado	1,848,578	18	59	23	69,100	81	19	0
Connecticut	1,244,780	67	33	<1	270,001	56	44	<1
Delaware	600,060	37	60	4	15,199	100	<1	0
District of Columbia	48,033	67	33	0	2,879	97	3	0
Florida	2,395,798	31	69	<1	273,735	94	6	<1
Georgia	2,910,844	39	61	<1	621,568	83	17	<1
Hawaii	46,357	93	7	<1	85	79	21	0
Idaho	1,172,579	52	48	<1	10,914	81	19	0
Illinois	32,968,740	9	21	70	1,896,716	48	52	<1
Indiana	5,546,674	33	67	<1	593,377	91	9	<1
Iowa	2,188,971	34	62	4	127,071	99	1	0
Kansas	892,074	31	64	6	107,775	73	27	<1
Kentucky	2,250,171	50	50	<1	296,035	87	13	0
Louisiana	443,197	28	72	0	94,649	49	51	0
Maine	3,287,353	50	34	15	6,044	96	4	0
Maryland	1,626,760	46	54	<1	164,289	68	32	<1
Massachusetts	3,186,844	70	30	<1	57,242	86	14	<1
Michigan	15,767,469	59	32	9	3,418,845	31	69	<1
Minnesota	19,296,334	8	17	76	192,339	93	7	0
Mississippi	458,501	44	56	<1	66,554	97	3	0
Missouri	1,968,183	42	58	<1	566,634	89	11	0
Montana	10,348,008	13	7	80	2,066	61	39	0
Nebraska	654,832	38	62	<1	30,889	93	7	<1
Nevada	744,524	21	79	<1	37,232	95	5	<1
New Hampshire	1,244,106	60	40	<1	17,679	100	0	0
New Jersey	2,951,335	63	37	<1	465,486	58	42	<1
New Mexico	182,380	18	82	<1	127,744	90	10	1
New York	9,220,830	79	21	<1	554,939	87	12	0
North Carolina	2,440,580	37	62	2	564,988	87	13	<1
North Dakota	3,437,081	42	38	20	5,618	93	7	0
Ohio	17,094,182	28	19	53	697,335	90	10	<1
Oklahoma	880,854	23	76	1	136,412	83	17	0
Oregon	4,670,737	26	74	<1	367,413	98	2	0
Pennsylvania	11,563,924	38	36	25	625,044	52	48	<1
Rhode Island	279,794	85	15	<1	33,311	98	2	0
South Carolina	1,257,416	46	54	<1	137,040	81	12	8
South Dakota	490,867	57	43	0	53,273	91	9	<1
Tennessee	2,502,664	36	64	<1	589,601	85	14	2
Texas	5,771,305	26	58	16	12,191,127	75	23	2
Utah	659,576	36	62	2	30,215	83	17	<1
Vermont	1,725,189	64	36	<1	7,405	65	35	<1
Virginia	1,769,173	45	55	<1	184,167	98	2	<1
Washington	9,846,733	31	23	46	113,031	85	15	<1
West Virginia	673,145	39	61	<1	117,580	6	94	0
Wisconsin	6,667,409	23	51	26	497,046	88	12	<1
Wyoming	6,763,927	2	3	95	17,196	20	80	0
United States, total	215,034,536	31	34	35	34,318,204	75	25	1

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Transborder Surface Freight Data*, available at <http://www.bts.gov> as of Oct. 12, 2005.

**Table 3-12: Incoming Truck Crossings, U.S.-Canadian Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	11	12	12	11	11
Idaho	59	56	58	50	49
Maine	536	530	511	478	511
Michigan	2,676	2,534	2,641	2,626	2,716
Minnesota	130	128	117	110	103
Montana	206	198	188	156	167
New York	1,983	1,903	2,011	2,001	1,987
North Dakota	345	360	350	330	341
Vermont	325	320	320	314	330
Washington	778	734	707	652	667
United States, total	7,048	6,777	6,916	6,728	6,882

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

**Table 3-13: Incoming Truck Container (Loaded) Crossings, U.S.-  
Canadian: 2000–2004  
Border  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	7	8	8	9	9
Idaho	51	53	56	47	45
Maine	344	304	391	388	407
Michigan	2,069	2,144	2,248	2,242	2,301
Minnesota	100	100	95	89	85
Montana	170	177	170	141	155
New York	1,708	1,656	1,763	1,770	1,752
North Dakota	305	329	314	295	322
Vermont	217	270	276	260	259
Washington	363	530	497	433	482
United States, total	5,335	5,571	5,818	5,673	5,818

**Table 3-14: Incoming Truck Container (Unloaded) Crossings, U.S.-  
Canadian: 2000–2004  
Border  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	2	2	2	1	1
Idaho	2	3	3	3	3
Maine	50	49	78	98	103
Michigan	402	462	402	347	360
Minnesota	31	25	24	21	18
Montana	28	21	20	14	10
New York	202	207	228	226	226
North Dakota	36	36	35	34	29
Vermont	9	13	16	25	22
Washington	134	201	196	164	184
United States, total	897	1,021	1,002	933	958

**NOTE FOR DATA ON THIS PAGE:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 3-15: Incoming Train Crossings, U.S.-Canadian Border: 2000–2004**

State	2000	2001	2002	2003	2004
Alaska	326	316	279	264	253
Idaho	699	703	845	934	1,000
Maine	1,428	1,303	1,082	1,132	1,478
Michigan	9,757	10,312	9,669	10,237	9,679
Minnesota	9,162	9,693	9,737	10,452	9,454
Montana	471	358	339	367	413
New York	5,725	5,139	5,192	4,713	9,129
North Dakota	1,728	1,764	1,980	2,182	2,090
Vermont	1,119	1,034	908	987	884
Washington	3,032	2,955	2,791	2,869	3,134
United States, total	33,447	33,577	32,543	33,873	37,514

**Table 3-16: Incoming Rail Container (Full) Crossings, U.S.-Canadian Border: 2000–2004**

State	2000	2001	2002	2003	2004
Alaska	NA	NA	NA	NA	NA
Idaho	47,263	54,593	60,502	68,047	71,759
Maine	28,139	27,790	17,417	15,405	22,639
Michigan	528,096	585,589	568,557	560,264	560,211
Minnesota	204,386	222,443	258,710	257,508	273,769
Montana	15,964	16,367	17,707	19,539	30,341
New York	192,614	207,574	204,948	205,573	217,840
North Dakota	112,462	111,601	129,506	137,965	148,605
Vermont	37,745	32,968	42,567	42,030	44,614
Washington	48,770	72,457	83,740	96,057	114,856
United States, total	1,215,439	1,331,382	1,383,654	1,402,388	1,484,634

**Table 3-17: Incoming Rail Container (Empty) Crossings, U.S.-Canadian Border: 2000–2004**

State	2000	2001	2002	2003	2004
Alaska	NA	NA	NA	NA	NA
Idaho	2,977	4,730	4,669	6,452	6,374
Maine	32,219	28,281	19,458	16,438	21,660
Michigan	151,651	209,221	190,749	197,555	191,389
Minnesota	46,557	52,439	59,750	68,124	59,888
Montana	9,291	10,637	8,924	8,637	9,655
New York	64,541	53,991	51,411	52,025	58,272
North Dakota	42,236	56,660	70,588	81,036	76,679
Vermont	13,324	8,758	11,175	10,397	12,150
Washington	16,602	23,246	24,598	25,193	30,208
United States, total	379,398	447,963	441,322	465,857	466,275

**KEY FOR DATA ON THIS PAGE:** NA = not applicable.

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 3-18: Incoming Truck Crossings, U.S.-Mexican Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	344	336	312	313	323
California	1,032	1,028	1,067	1,020	1,111
New Mexico	36	34	33	33	34
Texas	3,113	2,907	3,015	2,872	3,036
United States, total	4,526	4,305	4,427	4,238	4,504

**NOTE:** 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.

**Table 3-19: Incoming Truck Container (Loaded) Crossings, U.S.-  
Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	233	231	227	232	241
California	510	524	580	611	660
New Mexico	24	21	23	25	26
Texas	1,583	1,596	1,692	1,783	1,922
United States, total	2,350	2,372	2,523	2,652	2,848

**Table 3-20: Incoming Truck Container (Unloaded) Crossings,  
U.S.-Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	90	96	88	79	79
California	437	490	497	480	476
New Mexico	11	12	9	7	6
Texas	1,313	1,318	1,318	1,128	1,103
United States, total	1,851	1,916	1,911	1,693	1,665

**NOTE FOR DATA ON THIS PAGE:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some incoming trucks do not carry a container.

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 3-21: Incoming Train Crossings, U.S.-Mexican Border: 2000–2004**

State	2000	2001	2002	2003	2004
Arizona	774	635	607	457	444
California	522	628	578	509	562
New Mexico	NA	NA	NA	NA	NA
Texas	5,812	6,206	6,572	6,808	6838
United States, total	7,108	7,469	7,757	7,774	7,844

**Table 3-22: Incoming Rail Container (Full) Crossings, U.S.-Mexican Border: 2000–2004**

State	2000	2001	2002	2003	2004
Arizona	25,249	35,716	31,789	24,602	27,439
California	1,565	2,243	2,104	1,193	1,262
New Mexico	NA	NA	NA	NA	NA
Texas	239,421	228,613	235,657	240,674	277,047
United States, total	266,235	266,572	269,550	266,469	305,748

**Table 3-23: Incoming Rail Container (Empty) Crossings, U.S.-Mexican Border: 2000–2004**

State	2000	2001	2002	2003	2004
Arizona	25,353	22,951	20,447	21,083	19,460
California	7,550	8,375	8,963	9,509	13,829
New Mexico	NA	NA	NA	NA	NA
Texas	272,687	284,754	303,362	310,414	336,268
United States, total	305,590	316,080	332,772	341,006	369,557

**KEY FOR DATA ON THIS PAGE:** NA = not applicable.

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 3-24: Top 50 U.S. Foreign Trade Freight Gateways: 2004**  
(Ranked by value of shipments in billions of dollars)

Gateway <sup>1</sup>	Mode <sup>2</sup>	Rank	Exports	Imports	Total
JFK International Airport, NY	Air	1	52.7	72.6	125.3
Port of Los Angeles, CA	Water	2	16.4	105.1	121.4
Port of Long Beach, CA	Water	3	18.6	102.8	121.3
Port of Detroit, MI	Land	4	58.2	55.6	113.8
Port of New York, NY and NJ	Water	5	23.1	90.4	113.5
Port of Laredo, TX	Land	6	38.4	51.1	89.5
Los Angeles International Airport, CA	Air	7	33.9	34.8	68.7
Port of Buffalo-Niagara Falls, NY	Land	8	31.7	36.6	68.4
Port of Houston, TX	Water	9	29.2	37.2	66.4
Port of Huron, MI	Land	10	23.6	42.3	65.9
Chicago, IL	Air	11	25.2	40.1	65.4
San Francisco International Airport, CA	Air	12	24.3	30.3	54.6
Port of Charleston, SC	Water	13	15.4	31.3	46.7
Port of El Paso, TX	Land	14	18.3	24.4	42.8
Port of Norfolk Harbor, VA	Water	15	12.0	21.5	33.5
Port of Baltimore, MD	Water	16	6.9	24.4	31.3
Dallas-Fort Worth, TX	Air	17	14.6	16.6	31.2
New Orleans, LA	Air	18	15.2	14.8	30.0
Port of Seattle, WA	Water	19	6.7	22.9	29.6
Port of Tacoma, WA	Water	20	5.3	23.6	28.9
Port of Oakland, CA	Water	21	8.5	18.8	27.3
Port of Savannah, GA	Water	22	9.7	16.6	26.3
Anchorage, AK	Air	23	5.7	20.5	26.3
Miami International Airport, FL	Air	24	16.2	9.1	25.3
Atlanta, GA	Air	25	10.4	14.6	24.9
Cleveland, OH	Air	26	12.7	10.2	22.9
Port of Otay Mesa Station, CA	Land	27	8.9	13.3	22.2
Port of New Orleans, LA	Water	28	8.1	12.2	20.3
Port of Miami, FL	Water	29	7.7	10.8	18.4
Port of Beaumont, TX	Water	30	1.3	14.8	16.1
Port of Champlain-Rouses Pt., NY	Land	31	5.9	10.1	16.0
Port of Hidalgo, TX	Land	32	6.7	9.2	15.9
Newark, NJ	Air	33	3.4	11.7	15.1
Port of Blaine, WA	Land	34	6.3	7.9	14.2
Port of Morgan City, LA	Water	35	0.1	13.7	13.9
Port of Jacksonville, FL	Water	36	4.5	9.2	13.7
Boston Logan Airport, MA	Air	37	7.9	5.0	12.9
Port of Portland, OR	Water	38	3.0	9.1	12.1
Port of Nogales, AZ	Land	39	4.3	7.8	12.1
Port of Corpus Christi, TX	Water	40	2.0	10.0	12.0
San Juan International Airport, PR	Air	41	6.0	5.7	11.8
Port of Port Everglades, FL	Water	42	4.8	6.9	11.7
Port of Philadelphia, PA	Water	43	1.4	10.0	11.4
Port of Alexandria Bay, NY	Land	44	4.3	6.7	11.0
Port of Pembina, ND	Land	45	5.8	4.9	10.7
Port of Brownsville-Cameron, TX	Land	46	5.5	5.1	10.7
Port of Calexico-East, CA	Land	47	4.3	5.6	9.9
Port of Texas City, TX	Water	48	1.3	8.3	9.6
Philadelphia International Airport, PA	Air	49	5.3	4.2	9.4
Port of Sweetgrass, MT	Land	50	4.1	4.9	9.0
Total top 50 gateways	NA	NA	645.9	1,175.5	1,821.4

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

<sup>2</sup>Water data are preliminary.

**KEY:** NA = not applicable.

**NOTES:** Mode of transportation is the type 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. Low-value shipments, generally imports valued at less than \$1,250 and exports valued at less than \$2,500, are not included. Data for air gateways include some shipments (generally less than 3% of the total value) from small user-fee airports located in the same region. Air gateways not identified by airport name 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, September 2005.

**Water:** U.S. Army Corps of Engineers, Navigation Data Center, special tabulation, November 2005.

**Land:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Transborder Surface Freight Data, September 2005.

Section D



Passenger Travel



Table 4-1: Commuting to Work: 2004

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	Bicycled	Taxicab, motorcycle or other means	Worked at home	
Alabama	1,930,841	85.4	9.7	0.5	1.0	0.2	0.9	2.3	23.8
Alaska	294,731	68.8	13.8	1.0	6.7	1.2	3.7	4.7	18.0
Arizona	2,427,059	76.0	14.4	1.8	2.0	0.7	1.4	3.6	23.4
Arkansas	1,176,429	83.4	10.9	0.4	1.7	0.1	1.2	2.4	20.8
California	15,440,738	75.4	11.3	4.8	2.3	0.7	1.1	4.4	27.1
Colorado	2,206,223	77.5	9.9	2.5	2.5	0.8	0.8	6.1	23.5
Connecticut	1,645,180	81.6	7.8	3.9	1.8	0.2	1.1	3.7	24.0
Delaware	383,007	82.0	9.2	2.1	1.6	0.1	1.1	3.8	23.2
District of Columbia	253,898	40.5	8.7	33.6	11.4	1.0	1.0	3.8	28.0
Florida	7,490,353	81.0	10.1	1.7	1.5	0.4	1.2	4.0	25.4
Georgia	3,980,922	79.9	11.7	2.1	1.2	0.2	1.4	3.6	26.8
Hawaii	575,045	68.4	16.4	5.5	3.0	0.8	1.8	4.2	25.8
Idaho	619,796	75.6	12.5	1.2	3.7	1.1	0.9	5.0	19.7
Illinois	5,694,375	74.8	9.7	8.0	2.6	0.4	0.9	3.7	27.7
Indiana	2,834,649	82.6	10.0	0.8	1.8	0.6	1.0	3.1	21.8
Iowa	1,438,365	80.3	9.6	1.0	2.7	0.3	0.9	5.2	18.2
Kansas	1,324,617	83.6	8.6	0.2	2.2	0.3	0.9	4.2	18.0
Kentucky	1,751,782	83.1	10.7	1.0	1.3	0.0	0.8	3.0	22.7
Louisiana	1,874,914	82.3	9.9	1.8	1.3	0.4	1.8	2.4	23.9
Maine	630,058	80.5	9.1	0.6	3.7	0.2	0.9	5.1	21.9
Maryland	2,665,868	74.3	10.3	8.3	2.1	0.1	1.2	3.6	29.7
Massachusetts	3,058,926	75.9	7.2	8.3	3.5	0.5	0.8	3.8	26.4
Michigan	4,347,720	84.6	8.6	0.9	1.9	0.2	0.5	3.2	22.9
Minnesota	2,562,390	79.2	9.2	2.9	2.8	0.4	0.8	4.7	22.3
Mississippi	1,176,194	82.5	11.3	0.2	1.6	0.1	1.4	2.9	21.7
Missouri	2,671,219	82.2	9.0	1.4	1.9	0.1	1.0	4.5	23.3
Montana	444,381	74.9	10.3	0.5	5.7	1.1	1.0	6.4	16.3
Nebraska	874,980	81.0	8.6	0.6	2.8	0.4	1.1	5.5	16.5
Nevada	1,072,900	77.5	11.2	3.8	2.7	0.5	1.2	3.1	22.6
New Hampshire	650,887	83.2	8.1	0.7	2.4	0.1	1.2	4.2	24.6
New Jersey	3,915,995	73.5	8.5	10.7	2.7	0.2	1.0	3.4	29.4
New Mexico	823,958	80.6	11.2	1.2	1.8	0.3	1.0	3.9	20.1
New York	8,309,453	56.3	7.8	25.1	5.3	0.3	1.4	3.7	30.6
North Carolina	3,777,332	81.7	11.5	0.9	1.7	0.2	0.9	3.1	23.9
North Dakota	322,631	78.3	8.8	0.4	4.1	0.7	0.8	6.9	15.4
Ohio	5,128,523	84.5	7.9	1.5	1.8	0.2	0.8	3.2	21.9
Oklahoma	1,528,426	83.3	9.2	0.4	1.9	0.1	1.6	3.4	19.5
Oregon	1,603,299	73.8	11.3	3.7	2.9	1.3	1.1	5.9	21.4
Pennsylvania	5,440,540	78.5	9.4	5.0	3.1	0.3	0.6	3.2	25.1
Rhode Island	492,837	82.7	9.4	2.2	1.7	0.1	1.0	2.9	23.1
South Carolina	1,845,763	82.6	10.7	0.5	1.6	0.2	1.0	3.3	22.4
South Dakota	382,707	77.5	10.0	0.2	3.8	0.2	0.9	7.5	15.8
Tennessee	2,655,684	83.9	10.2	0.7	1.2	0.1	0.7	3.1	23.2
Texas	9,763,122	80.5	11.5	1.5	1.4	0.2	1.4	3.6	23.8
Utah	1,077,277	73.8	13.6	2.6	2.3	0.7	1.1	6.0	20.7
Vermont	315,232	76.5	10.0	1.1	5.3	0.4	0.7	5.9	21.4
Virginia	3,513,959	78.7	11.2	3.5	1.7	0.2	1.0	3.6	26.5
Washington	2,800,303	75.3	10.3	4.3	3.2	0.7	1.0	5.2	24.8
West Virginia	719,109	81.7	10.3	1.1	3.0	0.0	1.4	2.5	25.6
Wisconsin	2,663,101	80.7	8.3	1.9	3.4	0.5	0.9	4.3	20.6
Wyoming	253,989	75.5	12.4	1.5	4.1	0.6	0.7	5.2	17.3
United States, total	130,831,187	77.7	10.1	4.6	2.4	0.4	1.1	3.8	24.7

NOTE: Data are for workers age 16 years and over.

SOURCE: U.S. Department of Commerce, U.S. Census Bureau, American Community Survey, available at <http://www.census.gov/acs/www/> as of Dec. 21, 2005.

**Table 4-2: Licensed Drivers: 2004**

State	Number of licensed drivers	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>1</sup>
Alabama	3,613,138	0.81	4,530,182	3,561,826	798	1,014
Alaska	482,532	0.74	655,435	489,770	736	985
Arizona	3,783,927	1.01	5,743,834	4,356,838	659	869
Arkansas	1,862,430	0.99	2,752,629	2,153,785	677	865
California	22,761,088	0.74	35,893,799	27,328,932	634	833
Colorado	3,205,054	1.62	4,601,403	3,549,927	697	903
Connecticut	2,694,574	0.90	3,503,604	2,761,843	769	976
Delaware	533,943	0.76	830,364	658,857	643	810
District of Columbia	349,122	1.54	553,523	454,029	631	769
Florida	13,146,357	0.89	17,397,161	13,846,842	756	949
Georgia	5,793,143	0.75	8,829,383	6,745,607	656	859
Hawaii	843,876	0.91	1,262,840	996,946	668	846
Idaho	942,983	0.71	1,393,262	1,063,668	677	887
Illinois	8,057,683	0.88	12,713,634	9,830,577	634	820
Indiana	4,521,329	0.83	6,237,569	4,814,983	725	939
Iowa	2,003,723	0.60	2,954,451	2,356,294	678	850
Kansas	1,979,746	0.85	2,735,502	2,131,732	724	929
Kentucky	2,823,454	0.86	4,145,922	3,276,725	681	862
Louisiana	3,169,627	0.86	4,515,770	3,485,524	702	909
Maine	984,829	0.94	1,317,253	1,072,816	748	918
Maryland	3,594,251	0.88	5,558,058	4,322,066	647	832
Massachusetts	4,645,857	0.86	6,416,505	5,120,379	724	907
Michigan	7,103,404	0.86	10,112,620	7,873,617	702	902
Minnesota	3,083,007	0.68	5,100,958	4,009,941	604	769
Mississippi	1,896,008	0.98	2,902,966	2,238,159	653	847
Missouri	4,047,652	0.85	5,754,618	4,533,757	703	893
Montana	712,880	0.72	926,865	746,428	769	955
Nebraska	1,315,819	0.80	1,747,214	1,363,419	753	965
Nevada	1,548,097	1.23	2,334,771	1,792,565	663	864
New Hampshire	985,775	0.85	1,299,500	1,032,902	759	954
New Jersey	5,799,532	0.96	8,698,879	6,780,438	667	855
New Mexico	1,271,365	0.85	1,903,289	1,469,874	668	865
New York	11,246,675	1.03	19,227,088	15,172,163	585	741
North Carolina	6,122,137	1.00	8,541,221	6,649,859	717	921
North Dakota	461,780	0.67	634,366	513,525	728	899
Ohio	7,675,007	0.73	11,459,011	9,004,515	670	852
Oklahoma	2,369,621	0.77	3,523,553	2,762,663	673	858
Oregon	2,625,856	0.90	3,594,586	2,840,018	731	925
Pennsylvania	8,430,142	0.87	12,406,292	9,915,414	680	850
Rhode Island	741,841	0.93	1,080,632	865,598	686	857
South Carolina	2,972,369	0.93	4,198,068	3,289,727	708	904
South Dakota	563,298	0.69	770,883	603,607	731	933
Tennessee	4,247,884	0.86	5,900,962	4,666,755	720	910
Texas	14,543,528	0.88	22,490,022	16,892,766	647	861
Utah	1,582,599	0.77	2,389,039	1,724,327	662	918
Vermont	550,462	1.08	621,394	505,030	886	1,090
Virginia	5,112,523	0.80	7,459,827	5,858,053	685	873
Washington	4,504,581	0.82	6,203,788	4,892,534	726	921
West Virginia	1,292,036	0.96	1,815,354	1,476,888	712	875
Wisconsin	3,910,188	0.84	5,509,026	4,362,246	710	896
Wyoming	380,180	0.61	506,529	404,920	751	939
United States, total	198,888,912	0.85	293,655,404	228,621,674	677	870

<sup>1</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.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table DL-1C.

Table 4-3: Transit Ridership in the 50 Largest Urbanized Areas: 2003

Urbanized area	Population (2000)	Rank by population	Annual unlinked passenger trips (thousands)	Percent				
				Motor bus	Heavy rail	Light rail	Commuter rail	Other
New York-Newark, NY-NJ-CT	17,799,861	1	3,315,171	38.9	53.3	0.3	6.6	0.9
Los Angeles-Long Beach-Santa Ana, CA	11,789,487	2	634,962	88.0	5.0	5.0	1.0	1.0
Chicago, IL-IN	8,307,904	3	582,013	55.8	31.1	0.0	12.3	0.8
Philadelphia, PA-NJ-DE-MD	5,149,079	4	338,806	54.2	27.9	7.3	9.2	1.3
Miami, FL	4,919,036	5	133,830	80.4	10.7	0.0	2.0	6.8
Dallas-Fort Worth-Arlington, TX	4,145,659	6	85,792	74.5	0.0	19.8	2.8	2.9
Boston, MA-NH-RI	4,032,484	7	394,115	31.7	38.1	18.4	10.1	1.7
Washington, DC-VA-MD	3,933,920	8	437,481	42.6	55.6	0.0	1.5	0.4
Detroit, MI	3,903,377	9	48,505	95.3	0.0	0.1	0.0	4.6
Houston, TX	3,822,509	10	93,002	97.6	0.0	0.0	0.0	2.4
Atlanta, GA	3,499,840	11	148,977	51.3	48.2	0.0	0.0	0.5
San Francisco-Oakland, CA	3,228,605	12	407,741	44.4	23.0	10.5	0.9	21.2
Phoenix-Mesa, AZ	2,907,049	13	54,438	96.8	0.0	0.0	0.0	3.2
Seattle, WA	2,712,205	14	151,784	62.2	0.0	0.4	0.5	36.8
San Diego, CA	2,674,436	15	93,525	69.7	0.0	26.9	1.7	1.7
Minneapolis-St. Paul, MN	2,388,593	16	73,344	97.3	0.0	0.0	0.0	2.7
St. Louis, MO-IL	2,077,662	17	48,090	67.3	0.0	30.9	0.0	1.8
Baltimore, MD	2,076,354	18	110,062	77.9	12.0	6.6	2.9	0.6
Tampa-St. Petersburg, FL	2,062,339	19	20,076	95.3	0.0	2.5	0.0	2.2
Denver-Aurora, CO	1,984,889	20	78,584	85.4	0.0	13.5	0.0	1.1
Cleveland, OH	1,786,647	21	60,569	81.5	12.2	5.2	0.0	1.1
Pittsburgh, PA	1,753,136	22	71,355	85.2	0.0	10.0	0.0	4.8
Portland, OR-WA	1,583,138	23	105,635	69.4	0.0	29.5	0.0	1.1
San Jose, CA	1,538,312	24	50,618	78.6	0.0	12.0	7.4	2.0
Riverside-San Bernardino, CA	1,506,816	25	25,846	90.1	0.0	0.0	6.1	3.8
Cincinnati, OH-KY-IN	1,503,262	26	28,109	98.4	0.0	0.0	0.0	1.6
Virginia Beach, VA	1,394,439	27	17,773	95.4	0.0	0.0	0.0	4.6
Sacramento, CA	1,393,498	28	30,512	69.9	0.0	29.0	0.0	1.1
Kansas City, MO-KS	1,361,744	29	13,971	96.2	0.0	0.0	0.0	3.8
San Antonio, TX	1,327,554	30	40,262	97.5	0.0	0.0	0.0	2.5
Las Vegas, NV	1,314,357	31	47,889	98.5	0.0	0.0	0.0	1.5
Milwaukee, WI	1,308,913	32	59,806	97.9	0.0	0.0	0.0	2.1
Indianapolis, IN	1,218,919	33	11,325	97.3	0.0	0.0	0.0	2.7
Providence, RI-MA	1,174,548	34	18,762	90.6	0.0	0.0	4.3	5.0
Orlando, FL	1,157,431	35	22,730	96.3	0.0	0.0	0.0	3.7
Columbus, OH	1,133,193	36	15,785	99.0	0.0	0.0	0.0	1.0
New Orleans, LA	1,009,283	37	60,610	83.8	0.0	10.5	0.0	5.8
Buffalo, NY	976,703	38	24,063	75.4	0.0	24.3	0.0	0.3
Memphis, TN-MS-AR	972,091	39	13,042	82.0	0.0	16.4	0.0	1.6
Austin, TX	901,920	40	37,224	98.3	0.0	0.0	0.0	1.7
Bridgeport-Stamford, CT-NY	888,890	41	24,705	39.9	0.0	0.0	58.8	1.4
Salt Lake City, UT	887,650	42	31,705	65.2	0.0	31.0	0.0	3.9
Jacksonville, FL	882,295	43	9,750	87.0	0.0	0.0	0.0	13.0
Louisville, KY-IN	863,582	44	13,263	97.3	0.0	0.0	0.0	2.7
Hartford, CT	851,535	45	14,991	94.0	0.0	0.0	2.5	3.5
Richmond, VA	818,836	46	12,649	97.4	0.0	0.0	0.0	2.6
Charlotte, NC-SC	758,927	47	18,889	97.4	0.0	0.0	0.0	2.6
Nashville-Davidson, TN	749,935	48	6,840	96.0	0.0	0.0	0.0	4.0
Oklahoma City, OK	747,003	49	4,122	96.1	0.0	0.0	0.0	3.9
Tucson, AZ	720,425	50	16,872	98.3	0.0	0.0	0.0	1.7
Top 50, total	127,900,270		8,159,970	55.2	32.7	4.1	5.0	3.0
United States, urbanized area total <sup>1</sup>	193,767,600		8,809,943	58.0	30.3	3.8	4.7	3.2
Top 50 as % of U.S. total	66.0		92.6	88.0	100.0	100.0	100.0	87.0

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

**NOTE:** 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.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, available at <http://www.ntdprogram.com/NTD/> as of Oct. 4, 2005.

**Table 4-4: Urban Transit Ridership by State and Transit Mode: 2003**

State	Number of agencies reporting	Annual unlinked passenger trips (thousands)	Percent				
			Motor bus	Heavy rail	Light rail	Commuter rail	Other
Alabama	10	6,643	84.4	0.0	0.0	0.0	15.6
Alaska	2	3,708	90.1	0.0	0.0	0.0	9.9
Arizona	13	71,734	97.1	0.0	0.0	0.0	2.9
Arkansas	4	4,701	94.9	0.0	0.0	0.0	5.1
California	79	1,327,293	73.1	9.4	8.7	1.3	7.5
Colorado	7	86,560	86.3	0.0	12.3	0.0	1.4
Connecticut	14	37,154	95.6	0.0	0.0	1.0	3.4
Delaware	1	8,062	92.9	0.0	0.0	0.0	7.1
District of Columbia	1	391,992	37.7	62.0	0.0	0.0	0.2
Florida	27	214,320	85.2	6.7	0.2	1.3	6.7
Georgia	13	159,247	54.3	45.1	0.0	0.0	0.6
Hawaii	2	70,198	98.4	0.0	0.0	0.0	1.6
Idaho	2	1,681	94.9	0.0	0.0	0.0	5.1
Illinois	11	596,393	57.4	30.4	0.0	11.4	0.9
Indiana	17	30,469	84.6	0.0	0.0	11.7	3.7
Iowa	10	18,570	95.6	0.0	0.0	0.0	4.4
Kansas	4	4,604	87.5	0.0	0.0	0.0	12.5
Kentucky	3	21,059	97.4	0.0	0.0	0.0	2.6
Louisiana	9	70,843	85.9	0.0	8.9	0.0	5.2
Maine	5	3,231	61.9	0.0	0.0	0.0	38.1
Maryland	8	140,346	80.0	9.4	5.2	4.5	1.0
Massachusetts	12	415,135	34.5	36.2	17.5	9.8	2.0
Michigan	19	82,497	93.9	0.0	<0.1	0.0	6.1
Minnesota	7	79,381	97.2	0.0	0.0	0.0	2.8
Mississippi	2	1,457	91.0	0.0	0.0	0.0	9.0
Missouri	6	62,541	74.6	0.0	23.7	0.0	1.7
Montana	3	1,922	94.4	0.0	0.0	0.0	5.6
Nebraska	2	6,222	98.7	0.0	0.0	0.0	1.3
Nevada	2	55,849	98.3	0.0	0.0	0.0	1.7
New Hampshire	3	950	93.5	0.0	0.0	0.0	6.5
New Jersey	17	350,099	57.1	20.0	2.5	18.5	1.9
New Mexico	3	9,158	96.5	0.0	0.0	0.0	3.5
New York	44	3,058,494	37.7	55.7	0.2	5.6	0.8
North Carolina	11	41,430	96.6	0.0	0.0	0.0	3.4
North Dakota	3	1,517	81.2	0.0	0.0	0.0	18.8
Ohio	21	131,381	86.6	5.6	2.4	0.0	5.4
Oklahoma	2	7,169	94.8	0.0	0.0	0.0	5.2
Oregon	5	113,485	71.3	0.0	27.4	0.0	1.2
Pennsylvania	25	423,667	62.9	20.2	7.6	7.1	2.2
Rhode Island	1	17,006	95.6	0.0	0.0	0.0	4.4
South Carolina	8	8,554	88.1	0.0	0.0	0.0	11.9
South Dakota	2	982	81.6	0.0	0.0	0.0	18.4
Tennessee	8	26,441	87.8	0.0	8.1	0.0	4.1
Texas	31	290,433	90.7	0.0	5.9	0.8	2.6
Utah	2	33,083	66.6	0.0	29.7	0.0	3.8
Vermont	1	1,697	97.5	0.0	0.0	0.0	2.5
Virginia	15	51,168	91.3	0.0	0.0	6.2	2.5
Washington	17	183,209	66.9	0.0	0.4	0.4	32.4
West Virginia	4	3,450	97.6	0.0	0.0	0.0	2.4
Wisconsin	17	82,570	97.3	0.0	0.1	0.0	2.6
Wyoming	1	189	87.2	0.0	0.0	0.0	12.8
United States, total <sup>1</sup>	536	8,809,943	58.0	30.3	3.8	4.7	3.2

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

**NOTE:** 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.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, available at <http://www.ntdprogram.com> as of Oct. 5, 2005.

Table 4-5: Top 50 Amtrak Stations by Number of Boardings: Fiscal Years 2004 and 2005

Station	Fiscal year 2004		Fiscal year 2005	
	Rank	Number of boardings	Rank	Number of boardings
New York, NY	1	4,367,553	1	4,264,625
Washington, DC	2	1,888,459	2	1,880,852
Philadelphia, PA	3	1,844,887	3	1,868,800
Chicago, IL	4	1,179,955	4	1,226,962
Los Angeles, CA	6	644,845	5	690,068
Newark, NJ	5	684,050	6	605,527
Baltimore, MD	9	455,059	7	485,279
Boston, MA	8	488,912	8	476,614
Sacramento, CA	11	443,827	9	472,450
Trenton, NJ	7	499,399	10	439,730
San Diego, CA	12	398,720	11	432,248
Wilmington, DE	13	372,104	12	387,328
Albany-Rensselaer, NY	14	323,160	13	366,946
Princeton Jct., NJ	10	449,608	14	362,846
New Haven, CT	15	309,268	15	327,178
Seattle, WA	16	299,466	16	307,290
Baltimore-Washington International Airport, MD	17	296,756	17	291,606
Irvine, CA	20	236,090	18	281,576
Emeryville, CA	19	237,766	19	254,039
Providence, RI	18	239,209	20	242,088
Portland, OR	21	235,479	21	240,918
Milwaukee, WI	22	221,624	22	238,850
Solana Beach, CA	23	195,482	23	206,230
Fullerton, CA	24	188,714	24	201,862
Bakersfield, CA	26	176,745	25	185,089
Metropark, NJ	25	178,972	26	180,400
Davis, CA	30	157,289	27	171,637
Harrisburg, PA	28	159,340	28	171,340
Lancaster, PA	31	152,431	29	166,827
Route 128, MA	27	172,075	30	160,640
Anaheim, CA	34	144,466	31	157,609
Boston Back Bay, MA	32	148,033	32	155,559
Oceanside, CA	29	158,772	33	155,251
Martinez, CA	35	144,087	34	150,222
Oakland, CA	36	139,714	35	143,147
Stamford, CT	33	145,360	36	141,723
Fresno, CA	38	124,362	37	128,284
San Juan Capistrano, CA	37	128,812	38	126,214
Richmond (Staples Mill), VA	40	117,441	39	125,707
Boston-North, MA	42	109,550	40	117,358
New Carrollton, MD	41	110,791	41	111,824
Santa Barbara, CA	39	122,911	42	111,339
Lorton, VA (Auto Train)	43	102,106	43	108,434
Richmond, CA	44	95,921	44	106,821
Sanford, FL (Auto Train)	45	95,377	45	96,264
St. Louis, MO	54	81,948	46	88,189
Santa Ana, CA	48	83,653	47	85,073
Rhinecliff, NY	46	86,466	48	84,492
Stockton (San Joaquin St.), CA	47	86,052	49	83,236
Hartford, CT	55	77,596	50	79,467
Top 50 total		19,801,960		19,944,058
United States, total		25,053,064		25,374,998
Top 50 as % of U.S. total		79%		79%

**NOTE:** Amtrak's fiscal year ends September 30.

**SOURCE:** Amtrak, Office of Government Affairs, personal communication, Dec. 5, 2005.

**Table 4-6: Top 50 Airports by Passengers Enplaned on Large U.S. Carriers: 1994, 2003, and 2004**

Airport	Rank in	Number of enplanements		
		2004	1994	2003
Atlanta, GA (William B. Hartsfield-Atlanta Intl.)	1	25,630,394	38,177,371	40,399,034
Chicago, IL (Chicago O'Hare Intl.)	2	29,699,672	30,812,162	33,652,789
Dallas/Ft. Worth, TX (Dallas/Ft Worth Intl.)	3	25,117,383	24,545,327	27,563,022
Los Angeles, CA (Los Angeles Intl.)	4	19,720,695	20,905,026	22,892,208
Denver, CO (Denver Intl.)	5	14,640,436	17,275,174	19,855,508
Las Vegas, NV (McCarran Intl.)	6	10,435,471	16,844,129	19,412,617
Phoenix, AZ (Phoenix Sky Harbor Intl.)	7	12,426,722	17,175,590	19,122,960
Minneapolis/St. Paul, MN (Minneapolis-St Paul Intl.)	8	10,455,509	15,429,330	17,282,235
Detroit, MI (Detroit Metro Wayne County)	9	11,822,011	14,680,619	16,784,352
Houston, TX (George Bush Intercontinental)	10	9,625,775	15,576,520	16,706,616
Newark, NJ (Newark Intl.)	11	11,782,200	13,116,172	14,026,230
Orlando, FL (Orlando Intl.)	12	8,862,593	12,054,025	13,752,278
Seattle, WA (Seattle-Tacoma Intl.)	13	9,935,504	12,792,325	13,744,095
San Francisco, CA (San Francisco Intl.)	14	14,309,256	12,230,829	13,503,664
New York, NY (John F. Kennedy Intl.)	15	8,893,657	10,806,822	13,221,715
Philadelphia, PA (Philadelphia Intl.)	16	7,537,233	10,184,519	12,480,087
Miami, FL (Miami Intl.)	17	10,809,616	11,123,520	11,520,708
Charlotte, NC (Charlotte-Douglas Intl.)	18	9,370,478	9,567,544	11,305,547
Boston, MA (Gen. Edward Lawrence Logan Intl.)	19	10,609,237	9,562,082	11,093,972
New York, NY (La Guardia)	20	9,780,202	10,148,718	10,979,770
Cincinnati, OH (Greater Cincinnati)	21	5,440,570	10,263,667	10,593,720
Baltimore, MD (Baltimore-Washington Intl.)	22	5,481,212	9,426,012	9,734,797
Washington, DC (Washington Dulles Intl.)	23	4,217,768	6,931,208	9,389,055
Chicago, IL (Chicago Midway)	24	4,048,755	8,655,393	9,236,461
Fort Lauderdale, FL (Fort Lauderdale - Hollywood Intl.)	25	4,500,063	8,059,511	9,173,354
Salt Lake City, UT (Salt Lake City Intl.)	26	7,824,611	8,881,444	8,867,628
San Diego, CA (San Diego Intl./Lindbergh Field)	27	6,160,246	7,432,269	8,088,510
Tampa, FL (Tampa Intl.)	28	5,415,883	7,331,404	8,065,166
Honolulu, HI (Honolulu Intl.)	29	8,494,090	7,520,238	7,829,719
Washington, DC (Ronald Reagan Washington National)	30	6,974,785	6,070,724	7,183,725
Oakland, CA (Metropolitan Oakland Intl.)	31	3,992,022	6,515,981	6,824,745
Portland, OR (Portland Intl.)	32	4,825,575	5,952,595	6,266,556
St. Louis, MO (Lambert-St Louis Intl.)	33	11,452,933	9,286,413	5,879,564
Pittsburgh, PA (Pittsburgh Intl.)	34	8,927,511	5,853,664	5,704,271
Memphis, TN (Memphis Intl.)	35	3,453,923	4,505,756	5,285,272
San Jose, CA (San Jose Intl.)	36	4,016,425	5,033,643	5,189,970
Cleveland, OH (Cleveland-Hopkins Intl.)	37	4,664,930	4,803,115	5,151,173
San Juan, PR (Luis Munoz Marin Intl.)	38	4,377,176	4,577,358	5,074,434
Kansas City, MO (Kansas City Intl.)	39	4,235,601	4,810,622	5,002,828
Sacramento, CA (Sacramento Intl.)	40	2,790,520	4,364,716	4,768,472
New Orleans, LA (New Orleans Intl./Moisant Field)	41	3,900,982	4,546,995	4,735,032
Santa Ana, CA (John Wayne-Orange County)	42	3,188,095	4,222,103	4,620,808
Nashville, TN (Nashville Intl.)	43	3,579,297	3,771,592	4,175,348
Raleigh/Durham, NC (Raleigh-Durham Intl.)	44	3,747,185	3,722,690	4,150,418
Houston, TX (William P. Hobby)	45	3,907,837	3,703,805	3,960,205
Indianapolis, IN (Indianapolis Intl.)	46	2,824,248	3,407,266	3,659,819
Austin, TX (Austin-Bergstrom Intl.)	47	2,497,300	3,131,505	3,446,175
San Antonio, TX (San Antonio Intl.)	48	2,893,193	3,045,355	3,263,350
Ontario/San Bernardino, CA (Ontario Intl.)	49	3,132,363	3,021,555	3,237,431
Hartford, CT (Bradley Intl.)	50	2,183,419	3,016,348	3,236,475
Top 50 airports, total		414,612,562	494,872,751	541,093,888
United States, all airports		501,196,972	594,301,990	652,712,322
Top 50 as % of all enplanements		83	83	83

**NOTE:** Rank order by total enplaned passengers on large certificated U.S. air carriers (Majors, Nationals, Large Regionals, and Medium Regionals), 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 aircraft with more than 60 seats or a payload capacity of more than 18,000 pounds. Data for commuter and foreign-flag air carriers are not included. Data differ from those in table 1-11 which include enplaned passengers on air carriers of all types, including 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, Washington, DC: various years.

**Table 4-7: Major Airports by On-Time Departure Performance: 2003 and 2004  
(Percent on-time)**

Airport	2003		2004	
	Rank	On-time percentage	Rank	On-time percentage
Houston, TX (George Bush Intercontinental)	1	90.5	1	87.2
Washington, DC (Ronald Reagan Washington National)	10	87.8	2	86.3
Salt Lake City, UT (Salt Lake City International)	3	89.6	3	86.1
San Francisco, CA (San Francisco International)	5	88.9	4	85.3
Denver, CO (Denver International)	7	88.3	5	85.1
Los Angeles, CA (Los Angeles International)	4	89.3	6	85.0
Portland, OR (Portland International)	2	89.6	7	84.8
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	12	87.3	8	84.7
San Diego, CA (San Diego International)	9	88.1	9	83.9
Tampa, FL (Tampa International)	8	88.2	10	83.9
Pittsburgh, PA (Pittsburgh International)	13	86.3	11	83.5
St. Louis, MO (Lambert-St. Louis International)	6	88.7	12	83.5
Charlotte, NC (Charlotte/Douglas International)	22	84.2	13	83.1
Detroit, MI (Detroit Metropolitan Wayne County)	16	85.6	14	82.7
Boston, MA (General Edward Lawrence Logan International)	25	83.3	15	82.1
Orlando, FL (Orlando International)	11	87.4	16	82.0
New York, NY (LaGuardia International)	21	84.2	17	81.8
Fort Lauderdale, FL (Fort Lauderdale/Hollywood International)	15	85.7	18	81.4
Fort Worth, TX (Dallas/Fort Worth International)	20	84.2	19	80.8
Cincinnati, OH (Cincinnati/Northern Kentucky International)	18	84.9	20	80.6
Baltimore, MD (Baltimore/Washington International)	24	83.3	21	80.5
New York, NY (John F. Kennedy International)	26	83.2	22	80.4
Seattle, WA (Seattle-Tacoma International)	14	86.2	23	80.2
Newark, NJ (Newark Liberty International)	27	82.9	24	80.2
Miami, FL (Miami International)	23	83.5	25	80.1
Phoenix, AZ (Phoenix Sky Harbor International)	19	84.3	26	79.3
Las Vegas, NV (Las Vegas McCarran International)	17	85.0	27	77.9
Chicago, IL (Chicago Midway International)	29	81.3	28	77.7
Atlanta, GA (Hartsfield-Jackson Atlanta International)	28	81.4	29	76.1
Philadelphia, PA (Philadelphia International)	30	79.3	30	74.2
Chicago, IL (Chicago O'Hare International)	31	79.2	31	72.8

**NOTE:** Government regulations currently require airlines to report on-time performance at the 31 airports that account for at least 1 percent of the nation's total domestic scheduled-service passenger enplanements.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, Airline On-time Tables, Washington, DC: 2005, available at [http://www.bts.gov/programs/airline\\_information/airline\\_ontime\\_tables/](http://www.bts.gov/programs/airline_information/airline_ontime_tables/) as of Sept. 19, 2005.

**Table 4-8: Top 15 Cruise Ship Ports by Port of Departure: 2003 and 2004**

Port	Rank in 2004	2003		2004	
		Passengers (thousands)	Cruises	Passengers (thousands)	Cruises
Miami, FL	1	1,865	735	1,683	641
Fort Lauderdale, FL	2	1,078	544	1,237	637
Port Canaveral, FL	3	1,116	451	1,230	466
San Juan, PR	4	571	225	677	322
New York, NY	5	424	212	547	252
Los Angeles, CA	6	515	225	434	193
Galveston, TX	7	377	203	433	208
Long Beach, CA	8	171	70	401	166
Tampa, FL	9	418	213	399	198
New Orleans, LA	10	297	143	396	178
Seattle, WA	11	165	78	291	135
San Diego, CA	12	93	65	173	104
Honolulu, HI	13	172	79	171	90
Jacksonville, FL	14	U	U	114	65
Baltimore, MD	15	57	49	105	55
All other ports		805	471	697	517
Top 15, total <sup>1</sup>		7,478	3,369	8,290	3,710
Total		8,283	3,840	9,417	4,463
Top 15 as percent of total <sup>1</sup>		90.3	87.7	88.0	83.1

<sup>1</sup>Data for 2003 are based on the top 15 cruise ship ports in that year.

**KEY:** U = data are not available.

**NOTES:** Cruise passenger statistics for this table are based on the passenger data provided by the ten major North American cruise brands. Those brands are as follows, listed in order of passenger volume for 2003: Carnival Cruise Line, Royal Caribbean International, Princess Cruises, Norwegian Cruise Line, Holland America Line, Celebrity Cruise Lines, Disney Cruise Line, Cunard Cruise Line, Costa Cruise Lines, and Radisson Seven Seas Cruises. Vancouver, Canada, the fourth largest North American point of passenger embarkment, is not listed on this table.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, Cruise Passenger Statistics, available at [http://www.marad.dot.gov/Marad\\_Statistics/index.html](http://www.marad.dot.gov/Marad_Statistics/index.html) as of Sept. 28, 2005.

**Table 4-9: Incoming Personal Vehicle Crossings, U.S.-Canadian Border: 2000–2004 (Thousands)**

State	2000	2001	2002	2003	2004
Alaska	118	116	112	114	117
Idaho	209	198	185	168	163
Maine	3,909	3,469	3,072	3,142	3,417
Michigan	11,970	10,876	10,011	9,157	8,978
Minnesota	1,104	1,048	953	1,017	1,052
Montana	490	478	453	423	498
New York	10,833	10,581	10,862	9,598	9,335
North Dakota	632	594	600	581	606
Vermont	1,599	1,493	1,511	1,426	1,414
Washington	6,052	5,455	4,779	4,593	4,836
United States, total	36,915	34,308	32,539	30,220	30,416

**Table 4-10: Incoming Passengers in Personal Vehicles, U.S.-Canadian Border: 2000–2004 (Thousands)**

State	2000	2001	2002	2003	2004
Alaska	264	252	256	242	254
Idaho	510	484	404	362	353
Maine	7,968	6,828	6,054	6,085	6,720
Michigan	32,471	21,976	18,345	16,504	16,112
Minnesota	3,040	2,733	2,558	2,664	2,860
Montana	1,453	1,307	2,331	710	1,363
New York	25,302	24,370	25,641	21,197	22,834
North Dakota	1,675	1,509	1,576	1,533	1,563
Vermont	3,123	2,946	2,912	2,717	2,636
Washington	14,239	12,567	9,931	9,489	10,154
United States, total	90,047	74,971	70,008	61,502	64,848

**Table 4-11: Incoming Train Passengers, U.S.-Canadian Border: 2000–2004 (Thousands)**

State	2000	2001	2002	2003	2004
Alaska	35	34	30	44	52
Idaho	2	2	2	2	2
Maine	3	3	4	2	3
Michigan	54	48	42	40	31
Minnesota	20	21	21	23	18
Montana	1	1	1	1	1
New York	93	90	82	67	62
North Dakota	5	5	6	6	6
Vermont	3	2	2	2	2
Washington	52	48	65	48	46
United States, total	270	254	225	190	223

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 4-12: Incoming Bus Crossings, U.S.-Canadian Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	10	9	9	10	10
Idaho	<1	<1	<1	<1	<1
Maine	2	2	2	1	2
Michigan	54	53	50	56	59
Minnesota	4	4	4	3	4
Montana	2	2	1	1	2
New York	85	70	67	60	61
North Dakota	3	3	3	2	2
Vermont	7	6	6	5	5
Washington	22	20	19	16	18
United States, total	189	169	161	157	164

**Table 4-13: Incoming Passengers on Buses, U.S.-Canadian Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	149	139	141	148	146
Idaho	18	16	20	15	12
Maine	64	53	50	38	48
Michigan	1,157	1,269	1,201	1,194	1,268
Minnesota	98	91	76	76	81
Montana	40	36	28	27	30
New York	2,475	2,080	2,020	1,699	1,656
North Dakota	112	99	93	76	81
Vermont	192	175	155	130	141
Washington	567	498	430	377	428
United States, total	4,873	4,456	4,213	3,780	3,890

**Table 4-14: Incoming Pedestrians, U.S.-Canadian Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Alaska	<1	<1	<1	<1	4
Idaho	3	2	2	2	2
Maine	122	118	101	105	115
Michigan	U	U	U	U	U
Minnesota	28	29	26	29	30
Montana	14	8	6	7	5
New York	287	421	825	662	550
North Dakota	7	10	7	6	5
Vermont	22	23	20	16	13
Washington	102	137	94	110	103
United States, total	585	750	1,082	937	826

KEY: U = data are unavailable.

SOURCE FOR DATA ON THIS PAGE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 4-15: Incoming Personal Vehicle Crossings, U.S.-Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	10,304	10,102	10,428	9,913	10,404
California	30,018	30,160	31,946	32,675	34,554
New Mexico	467	574	765	650	579
Texas	50,368	48,691	46,710	44,831	45,805
United States, total	91,157	89,527	89,849	88,068	91,342

**Table 4-16: Incoming Passengers in Personal Vehicles, U.S.-Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	26,856	23,727	26,895	24,424	25,114
California	74,569	67,411	68,180	70,758	66,394
New Mexico	1,583	1,354	1,687	1,620	1,601
Texas	136,786	116,614	102,258	96,895	97,828
United States, total	239,795	209,106	199,021	193,697	190,937

**Table 4-17: Incoming Train Passengers, U.S.-Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	5	3	2	2	2
California	6	7	4	2	2
New Mexico	NA	NA	NA	NA	NA
Texas	8	9	9	8	9
United States, total	18	19	15	12	13

**KEY FOR DATA ON THIS PAGE:** NA = not applicable.

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 4-18: Incoming Bus Crossings, U.S.-Mexican Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	14	13	13	13	13
California	151	163	165	186	153
New Mexico	0	0	1	1	1
Texas	105	111	130	119	102
United States, total	271	288	309	319	269

**Table 4-19: Incoming Passengers on Buses, U.S.-Mexican Border:  
2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	167	175	178	210	209
California	1,671	1,402	1,814	1,577	1,315
New Mexico	1	3	10	17	18
Texas	1,627	1,786	1,925	1,943	1,846
United States, total	3,466	3,367	3,926	3,747	3,389

**Table 4-20: Incoming Pedestrians, U.S.-Mexican Border: 2000–2004  
(Thousands)**

State	2000	2001	2002	2003	2004
Arizona	8,391	8,995	9,682	9,155	9,186
California	18,597	21,700	18,628	18,193	18,197
New Mexico	191	186	264	259	261
Texas	19,911	20,621	21,704	21,056	20,440
United States, total	47,090	51,501	50,278	48,664	48,084

**SOURCE FOR DATA ON THIS PAGE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, using data from U.S. Department of Homeland Security, U.S. Customs and Border Protection, Office of Management Reporting, Data Warehouse CD-ROM, May 2005.

**Table 4-21: Overseas Visitors to the United States by Destination State and Territory<sup>1</sup>: 1998, 2001, and 2004**

	1998			2001			2004		
	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	5,285	22.3	2	5,043	23.1	1	5,426	26.7
Florida	1	6,067	25.6	1	5,262	24.1	2	4,430	21.8
California	2	5,972	25.2	3	4,847	22.2	3	4,207	20.7
Hawaii	4	2,796	11.8	4	2,205	10.1	4	2,215	10.9
Nevada	5	1,920	8.1	5	1,572	7.2	5	1,626	8.0
Guam	9	1,043	4.4	7	1,113	5.1	6	1,036	5.1
Illinois	6	1,256	5.3	7	1,113	5.1	7	975	4.8
Massachusetts	7	1,161	4.9	6	1,179	5.4	8	935	4.6
Texas	8	1,114	4.7	9	939	4.3	9	874	4.3
New Jersey	10	853	3.6	10	808	3.7	10	833	4.1
Pennsylvania	13	592	2.5	12	699	3.2	11	691	3.4
Arizona	10	853	3.6	13	633	2.9	12	630	3.1
Georgia	12	664	2.8	11	786	3.6	13	427	2.1
Michigan	18	379	1.6	14	437	2.0	14	366	1.8
Washington	14	521	2.2	17	393	1.8	14	366	1.8
Colorado	15	450	1.9	14	437	2.0	16	345	1.7
Ohio	18	379	1.6	17	393	1.8	17	325	1.6
Utah	20	355	1.5	21	284	1.3	17	325	1.6
North Carolina	20	355	1.5	20	306	1.4	19	305	1.5
Virginia	16	403	1.7	19	327	1.5	19	305	1.5
Louisiana	16	403	1.7	14	437	2.0	21	285	1.4
Connecticut	22	308	1.3	21	284	1.3	22	264	1.3
Maryland	25	213	0.9	24	262	1.2	23	203	1.0
Oregon	23	261	1.1	27	175	0.8	23	203	1.0
Minnesota	25	213	0.9	21	284	1.3	25	183	0.9
Tennessee	24	237	1.0	25	240	1.1	25	183	0.9
South Carolina	25	213	0.9	26	196	0.9	27	163	0.8
Missouri	29	166	0.7	28	153	0.7	28	142	0.7
Indiana	30	142	0.6	31	109	0.5	29	122	0.6
Wisconsin	28	190	0.8	28	153	0.7	29	122	0.6
Kentucky	37	71	0.3	U	U	U	31	81	0.4
Maine	31	118	0.5	30	131	0.6	31	81	0.4
New Hampshire	31	118	0.5	31	109	0.5	31	81	0.4
New Mexico	31	118	0.5	U	U	U	31	81	0.4
Rhode Island	34	95	0.4	34	87	0.4	31	81	0.4
Alabama	34	95	0.4	31	109	0.5	36	61	0.3
Alaska	41	47	0.2	U	U	U	36	61	0.3
United States, total <sup>2</sup>		23,698			21,833			20,322	

<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 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 Tourism Industries, *Overseas Visitors to Select U.S. States and Territories*, Washington, DC: Annual Issues, available at <http://tinnet.ita.doc.gov/> as of Oct. 24, 2005.

**Table 4-22: Overseas Visitors to the United States by Destination City<sup>1</sup>: 1998, 2001, and 2004**

	1998			2001			2004		
	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, NY	1	5,000	21.1	1	4,803	22.0	1	5,162	25.4
Los Angeles, CA	2	3,555	15.0	2	2,816	12.9	2	2,276	11.2
Miami, FL	3	3,270	13.8	3	2,554	11.7	3	2,195	10.8
Orlando, FL	4	2,867	12.1	4	2,467	11.3	4	1,951	9.6
Honolulu/Oahu, HI	6	2,228	9.4	6	1,747	8.0	5	1,870	9.2
San Francisco, CA	5	2,583	10.9	5	1,965	9.0	5	1,870	9.2
Las Vegas, NV	7	1,801	7.6	7	1,506	6.9	7	1,565	7.7
Washington, DC-MD-VA	8	1,398	5.9	8	1,201	5.5	8	1,057	5.2
Chicago, IL	9	1,209	5.1	9	1,070	4.9	9	935	4.6
Boston, MA	10	1,043	4.4	9	1,070	4.9	10	833	4.1
San Diego, CA	11	782	3.3	12	589	2.7	11	508	2.5
Philadelphia, PA	23	355	1.5	14	415	1.9	12	427	2.1
Houston, TX	16	498	2.1	14	415	1.9	13	386	1.9
Tampa/St. Petersburg, FL	12	735	3.1	13	502	2.3	13	386	1.9
Atlanta, GA	13	569	2.4	11	699	3.2	15	366	1.8
Ft. Lauderdale, FL	14	521	2.2	14	415	1.9	16	345	1.7
San Jose, CA	17	474	2.0	14	415	1.9	16	345	1.7
Anaheim, CA	14	521	2.2	18	393	1.8	18	325	1.6
Dallas/Ft. Worth, TX	20	403	1.7	20	349	1.6	18	325	1.6
Seattle, WA	17	474	2.0	20	349	1.6	18	325	1.6
Florida Keys, FL	22	379	1.6	22	284	1.3	21	285	1.4
New Orleans, LA	23	355	1.5	18	393	1.8	22	244	1.2
Denver, CO	25	261	1.1	27	240	1.1	23	224	1.1
Detroit, MI	25	261	1.1	22	284	1.3	23	224	1.1
Maui, HI	20	403	1.7	22	284	1.3	25	203	1.0
Newark, NJ	25	261	1.1	28	196	0.9	25	203	1.0
Phoenix, AZ	19	427	1.8	25	262	1.2	25	203	1.0
Minn./St. Paul, MN	33	190	0.8	25	262	1.2	28	163	0.8
Portland, OR	33	190	0.8	43	109	0.5	28	163	0.8
Riverside/San Bernadino, CA	30	237	1.0	30	175	0.8	28	163	0.8
West Palm Beach, FL	25	261	1.1	30	175	0.8	28	163	0.8
Buffalo-Niagara Falls, NY	30	237	1.0	30	175	0.8	32	142	0.7
Monterey, CA	30	237	1.0	34	153	0.7	32	142	0.7
Baltimore, MD	38	142	0.6	34	153	0.7	34	122	0.6
Sacramento, CA	36	166	0.7	34	153	0.7	34	122	0.6
Salt Lake City, UT	45	118	0.5	34	153	0.7	34	122	0.6
Cincinnati, OH	45	118	0.5	43	109	0.5	37	102	0.5
Cleveland, OH	54	95	0.4	43	109	0.5	37	102	0.5
Ft. Myers, FL	25	261	1.1	28	196	0.9	37	102	0.5
Hawaii, HI	38	142	0.6	39	131	0.6	37	102	0.5
Nassau, NY	45	118	0.5	34	153	0.7	37	102	0.5
Oakland, CA	38	142	0.6	39	131	0.6	37	102	0.5
Santa Barbara, CA	36	166	0.7	39	131	0.6	37	102	0.5
Sarasota, FL	33	190	0.8	30	175	0.8	37	102	0.5
St. Louis, MO	54	95	0.4	52	87	0.4	37	102	0.5
Atlantic City, NJ	54	95	0.4	43	109	0.5	46	81	0.4
Charlotte, NC	65	47	0.2	43	109	0.5	46	81	0.4
Kauai, HI	54	95	0.4	43	109	0.5	46	81	0.4
Melbourne, FL	38	142	0.6	43	109	0.5	46	81	0.4
Nashville, TN	54	95	0.4	U	U	U	46	81	0.4
Pittsburgh, PA	45	118	0.5	43	109	0.5	46	81	0.4
Raleigh-Durham, NC	38	142	0.6	52	87	0.4	46	81	0.4
San Antonio, TX	45	118	0.5	43	109	0.5	46	81	0.4
Austin, TX	45	118	0.5	39	131	0.6	54	61	0.3
Indianapolis, IN	54	95	0.4	U	U	U	54	61	0.3
United States, total <sup>2</sup>		23,698			21,833			20,322	

<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.

NOTE: 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 are not shown due to low sampling size of overseas visitors.

SOURCE: U.S. Department of Commerce, International Trade Administration, Office of Tourism Industries, *Overseas Visitors to Select U.S. Cities/Hawaiian Islands*, Washington, DC: Annual Issues, available at <http://tinnet.ita.doc.gov/> as of Oct. 24, 2005.

# Section E



## Registered Vehicles and Vehicle-Miles Traveled



**Table 5-1: Motor Vehicle Registrations: 2004  
(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	1,677	81	3	2,778	127	1,331	367	386	546
Alaska	253	21	2	393	4	197	50	134	5
Arizona	2,038	208	1	1,697	23	779	269	562	12
Arkansas	950	44	2	938	21	543	121	256	26
California	19,057	611	36	11,797	135	3,956	2,304	4,175	61
Colorado	884	8	2	1,096	18	331	117	340	93
Connecticut	2,035	64	10	956	2	315	219	410	6
Delaware	414	17	2	283	4	101	65	107	5
District of Columbia	185	1	2	40	0	6	11	19	1
Florida	8,333	456	5	6,411	216	2,031	1,287	2,132	36
Georgia	4,194	128	5	3,569	81	1,546	569	1,156	21
Hawaii	532	23	4	394	1	171	85	132	2
Idaho	569	49	1	751	12	395	86	189	4
Illinois	5,580	276	17	3,547	67	1,111	936	1,244	73
Indiana	3,043	153	9	2,382	56	1,026	515	627	72
Iowa	1,872	140	1	1,448	59	683	280	305	34
Kansas	845	61	1	1,471	28	603	321	369	92
Kentucky	1,855	53	2	1,415	24	739	226	359	127
Louisiana	1,926	55	16	1,747	37	969	226	469	122
Maine	603	39	1	443	4	220	70	130	8
Maryland	2,534	73	7	1,536	17	491	380	620	23
Massachusetts	3,486	137	11	1,898	13	581	458	821	22
Michigan	4,632	227	10	3,613	61	1,312	881	1,186	69
Minnesota	2,490	189	7	2,046	34	796	424	565	47
Mississippi	1,113	27	4	815	9	477	100	205	6
Missouri	2,690	77	4	2,084	48	970	387	581	84
Montana	427	48	1	555	21	295	55	123	147
Nebraska	829	28	1	820	38	371	135	207	157
Nevada	633	44	2	622	8	241	82	210	3
New Hampshire	668	66	1	491	6	208	97	165	5
New Jersey	3,974	149	19	2,076	14	480	577	986	33
New Mexico	681	36	2	820	13	415	100	220	23
New York	8,468	169	25	2,386	11	612	669	1,015	60
North Carolina	3,627	100	10	2,458	58	1,081	417	730	93
North Dakota	343	21	1	342	9	159	49	74	40
Ohio	6,395	298	18	4,061	44	1,570	1,038	1,191	67
Oklahoma	1,622	84	2	1,448	12	745	189	337	162
Oregon	1,447	75	5	1,479	21	687	246	431	28
Pennsylvania	5,953	291	29	3,716	74	1,215	789	1,324	21
Rhode Island	527	26	2	269	4	97	59	96	1
South Carolina	1,912	60	5	1,290	20	570	225	440	36
South Dakota	392	42	1	428	19	194	59	92	3
Tennessee	2,867	108	4	2,070	69	993	338	656	53
Texas	8,621	284	18	7,851	173	3,876	1,070	2,569	227
Utah	1,026	44	0	1,030	39	451	148	342	69
Vermont	277	28	1	234	3	107	39	78	4
Virginia	4,056	75	3	2,352	37	890	475	855	36
Washington	3,013	159	4	2,447	28	1,086	441	756	36
West Virginia	726	19	1	624	11	322	84	181	6
Wisconsin	2,575	232	10	2,051	40	807	486	557	100
Wyoming	229	31	1	390	4	225	37	104	7
United States, total	135,077	5,738	330	97,859	1,876	39,377	18,658	31,218	3,010

<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 in farm use may be counted as both a "truck tractor" and an "other light truck."

<sup>3</sup>Includes farm

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, tables MV-1 and MV-9.

Table 5-2: Trailer and Semi-Trailer Registrations: 2004<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	70,161	87,027	15,856	16	1,148
Alaska	11,981	102,485	U	143	1,576
Arizona	93,008	323,665	147,008	103	4,026
Arkansas	54,199	459,413	9,814	6	277
California	767,160	1,667,528	608,032	402	57,479
Colorado	53,523	125,823	52,979	87	2,147
Connecticut	80,794	121,425	U	13	2,863
Delaware	26,932	36,761	U	7	914
District of Columbia	73	827	U	164	355
Florida	88,065	1,449,262	U	198	29,869
Georgia	195,828	612,233	43,210	140	4,566
Hawaii	4,193	22,326	U	5	1,192
Idaho	19,253	61,797	58,878	64	2,300
Illinois	116,862	526,248	123,965	251	245
Indiana	78,144	421,181	109,638	43	2,285
Iowa	139,662	332,853	75,965	22	6,120
Kansas	84,306	24,351	19,157	26	928
Kentucky	4,526	33,424	38,626	65	142
Louisiana	203,418	351,379	8,735	28	3,090
Maine	684,084	117,433	U	9	2,695
Maryland	20,808	266,520	U	112	421
Massachusetts	25,510	286,202	U	79	215
Michigan	101,168	887,381	132,285	92	4,705
Minnesota	186,724	791,847	107,683	89	3,786
Mississippi	30,565	62,711	9,244	34	1,680
Missouri	99,089	502,081	U	135	479
Montana	29,989	145,551	64,844	57	2,711
Nebraska	103,603	206,967	U	13	1,178
Nevada	11,386	90,819	40,386	51	1,184
New Hampshire	11,407	146,064	U	4	1,347
New Jersey	26,824	336,212	U	174	102
New Mexico	43,558	26,330	22,463	151	3,483
New York	14,668	614,647	U	384	10,628
North Carolina	89,439	697,574	1,791	49	8,271
North Dakota	28,154	33,751	20,121	9	1,193
Ohio	106,540	534,070	108,774	135	12,473
Oklahoma	124,838	69,254	7,935	38	2,199
Oregon	52,976	91,081	119,136	107	7,051
Pennsylvania	150,938	532,495	259,233	220	4,486
Rhode Island	6,753	53,166	U	9	1,066
South Carolina	19,474	33,688	142	35	1,267
South Dakota	53,208	67,643	60,347	33	1,526
Tennessee	85,814	38,223	205	77	376
Texas	270,112	1,597,167	U	196	38,596
Utah	44,589	77,036	70,546	81	496
Vermont	90,579	79,309	U	2	1,218
Virginia	83,417	170,889	73,068	66	2,762
Washington	55,233	498,065	108,853	171	2,222
West Virginia	72,462	97,042	48,582	10	3,401
Wisconsin	258,756	20,710	55,055	30	1,690
Wyoming	17,479	235,170	31,113	96	1,199
United States, total	5,092,232	16,167,106	2,653,669	4,531	247,628

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

<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, house trailers are included with light car trailers.

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table MV-11.

**Table 5-3: Highway Vehicle-Miles Traveled (VMT): 1999 and 2004**

State	1999		2004	
	Total VMT (millions)	VMT per capita	Total VMT (millions)	VMT per capita
Alabama	56,165	12,853	59,035	13,031
Alaska	4,545	7,337	4,990	7,613
Arizona	46,924	9,820	57,336	9,982
Arkansas	29,247	11,463	31,648	11,497
California	300,066	9,053	328,917	9,164
Colorado	40,732	10,042	45,891	9,973
Connecticut	29,929	9,119	31,608	9,022
Delaware	8,483	11,258	9,301	11,201
District of Columbia	3,462	6,671	3,742	6,760
Florida	141,982	9,396	196,444	11,292
Georgia	99,304	12,751	112,620	12,755
Hawaii	8,117	6,847	9,725	7,701
Idaho	13,975	11,165	14,729	10,572
Illinois	102,397	8,443	109,135	8,584
Indiana	70,040	11,785	72,713	11,657
Iowa	29,140	10,155	31,538	10,675
Kansas	27,699	10,436	29,172	10,664
Kentucky	46,445	11,726	47,322	11,414
Louisiana	41,149	9,412	44,607	9,878
Maine	14,144	11,288	14,948	11,348
Maryland	49,126	9,499	55,284	9,947
Massachusetts	51,820	8,392	54,771	8,536
Michigan	95,645	9,697	103,326	10,218
Minnesota	51,410	10,765	56,570	11,090
Mississippi	34,879	12,598	39,431	13,583
Missouri	66,733	12,204	68,994	11,989
Montana	9,835	11,141	11,207	12,091
Nebraska	18,012	10,811	19,171	10,972
Nevada	17,390	9,612	19,354	8,289
New Hampshire	11,893	9,901	13,216	10,170
New Jersey	65,541	8,048	72,844	8,374
New Mexico	22,429	12,891	23,942	12,579
New York	126,491	6,951	137,898	7,172
North Carolina	87,758	11,470	95,903	11,228
North Dakota	7,262	11,460	7,594	11,971
Ohio	105,511	9,373	111,654	9,744
Oklahoma	42,569	12,677	46,443	13,181
Oregon	34,680	10,458	35,598	9,903
Pennsylvania	102,011	8,505	108,070	8,711
Rhode Island	8,281	8,358	8,473	7,841
South Carolina	44,148	11,362	49,551	11,803
South Dakota	8,244	11,245	8,784	11,395
Tennessee	64,756	11,809	70,943	12,022
Texas	210,874	10,520	231,008	10,272
Utah	22,043	10,350	24,696	10,337
Vermont	6,543	11,020	7,855	12,641
Virginia	73,908	10,754	78,877	10,574
Washington	52,714	9,158	55,673	8,974
West Virginia	19,032	10,533	20,302	11,183
Wisconsin	56,961	10,849	60,399	10,964
Wyoming	7,797	16,257	9,261	18,283
United States	2,690,241	9,866	2,962,513	10,088

**SOURCES:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, Washington, DC: Annual editions; U.S. Department of Commerce, U.S. Census Bureau, Population Division, table ST-99-3, available at <http://www.census.gov/popest/archives/1990s/ST-99-03.txt> as of Dec. 7, 2005; *ibid*, table NST-EST2004-01, available at <http://www.census.gov/popest/states/NST-ann-est.html> as of Dec. 7, 2005.

**Table 5-4: Highway, Demographic, and Geographic Characteristics of the 30 Largest Urbanized Areas: 2004**

Federal-aid urbanized area <sup>1</sup>	State(s)	Total roadway miles	Total DVMT (thousands)	Estimated population (thousands)	Net land area (square miles)	Persons per square mile	Miles of roadway per thousand persons	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	42,033	297,930	17,759	4,778	3,717	2.4	16.8	6,978	16,539
Los Angeles-Long Beach-Pomona-Ontario	CA	26,284	293,758	12,534	2,231	5,618	2.0	23.0	5,860	23,767
Chicago	IL, IN	23,885	170,869	7,702	2,730	2,821	3.1	22.2	2,682	20,113
Philadelphia	PA, NJ, DE, MD	19,029	105,839	5,282	2,257	2,340	3.6	20.0	2,328	14,795
Miami	FL	16,762	131,852	5,270	1,499	3,516	3.0	25.0	2,064	18,567
Dallas-Fort Worth-Arlington	TX	17,772	113,395	4,439	2,365	1,877	4.0	26.0	3,140	16,612
Washington	VA, MD, DC	11,438	94,429	4,206	1,305	3,223	2.7	22.5	2,050	18,633
San Francisco-Oakland	CA	9,620	92,009	4,133	1,203	3,436	2.0	22.0	2,451	20,099
Atlanta	GA	19,080	125,528	3,988	3,027	1,318	5.0	32.0	2,529	19,569
Boston	MA, NH, RI	16,197	90,971	3,977	2,104	1,890	4.0	23.0	2,405	16,101
Detroit	MI	14,688	102,234	3,930	1,439	2,731	4.0	26.0	1,913	17,490
Phoenix-Mesa	AZ	12,077	73,269	3,131	1,151	2,720	4.0	23.0	1,347	19,803
Seattle	WA	10,693	69,593	2,964	1,185	2,501	4.0	24.0	1,806	16,843
San Diego	CA	6,751	70,102	2,869	733	3,914	2.0	24.0	1,928	20,128
Houston	TX	15,555	97,525	2,694	1,954	1,379	6.0	36.0	2,488	18,341
Minneapolis-St. Paul	MN	11,021	63,154	2,482	1,192	2,082	4.0	25.0	1,592	17,210
San Juan	PR	7,164	32,602	2,288	1,075	2,128	3.0	14.0	748	15,899
Tampa-St. Petersburg	FL	9,727	62,796	2,214	1,072	2,065	4.0	28.0	841	15,437
Baltimore	MD	7,076	52,006	2,139	683	3,132	3.0	24.0	1,537	17,135
St. Louis	MO, IL	9,963	64,764	2,092	1,135	1,843	4.8	31.0	2,123	13,030
Denver-Aurora	CO	7,999	49,754	2,067	814	2,539	4.0	24.0	1,242	14,988
Pittsburgh	PA	9,238	38,996	1,785	1,215	1,469	5.0	22.0	1,258	9,936
Cleveland	OH	7,219	38,645	1,782	897	1,987	4.0	22.0	1,406	13,068
Portland	OR, WA	6,610	34,237	1,696	538	3,152	3.9	20.2	750	17,451
Riverside-San Bernardino	CA	4,766	38,415	1,685	514	3,278	3.0	23.0	1,013	21,480
San Jose	CA	4,112	37,458	1,673	365	4,584	3.0	22.0	898	18,286
Sacramento	CA	4,543	32,999	1,671	383	4,363	3.0	20.0	726	19,507
Cincinnati	OH, KY, IN	6,563	39,625	1,612	887	1,817	4.1	24.6	1,192	14,924
Virginia Beach	VA	5,853	35,692	1,505	1,812	831	4.0	24.0	937	13,866
Kansas City	MO, KS	8,093	41,484	1,447	1,041	1,390	5.6	28.7	1,853	10,892

<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.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table HM-72.

**Table 5-5: Highway Congestion in the 50 Largest Urban Areas: 2003  
(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
Los Angeles-Long Beach-Santa Ana, CA	1	12,500	623,796	50	10,686	855
San Francisco-Oakland, CA	2	4,125	152,352	37	2,604	631
Houston, TX	3	3,750	135,652	36	2,283	609
Dallas-Fort Worth-Arlington, TX	4	4,300	151,840	35	2,545	592
Atlanta, GA	5	3,005	103,618	34	1,754	584
Washington, DC-VA-MD	6	4,270	145,484	34	2,465	577
Chicago, IL-IN	7	8,125	252,822	31	4,274	526
Denver-Aurora, CO	8	2,050	64,506	31	1,087	530
Detroit, MI	9	4,050	119,581	30	2,019	499
Orlando, FL	10	1,260	38,156	30	643	510
Riverside-San Bernardino, CA	11	1,670	50,155	30	864	517
Miami, FL	12	5,100	147,293	29	2,485	487
San Jose, CA	13	1,675	48,134	29	823	492
San Diego, CA	14	2,870	81,756	28	1,411	492
Austin, TX	15	855	23,201	27	391	457
Baltimore, MD	16	2,310	62,436	27	1,057	458
Phoenix, AZ	17	3,005	76,662	26	1,295	431
Boston, MA-NH-RI	18	3,990	100,237	25	1,692	424
Seattle, WA	19	2,900	72,461	25	1,238	427
Tampa-St. Petersburg, FL	20	2,050	51,359	25	865	422
Charleston-North Charleston, SC	21	725	16,692	23	282	389
Minneapolis-St. Paul, MN	22	2,475	57,538	23	975	394
New York-Newark, NY-NJ-CT	23	17,700	404,480	23	6,780	383
Louisville, KY-IN	24	890	19,916	22	336	377
Sacramento, CA	25	1,655	35,929	22	620	374
Indianapolis, IN	26	1,035	21,358	21	362	350
Philadelphia, PA-NJ-DE-MD	27	5,285	112,309	21	1,885	357
Nashville-Davidson, TN	28	960	18,890	20	317	331
Portland, OR-WA	29	1,670	33,387	20	569	341
St. Louis, MO-IL	30	2,075	39,936	19	675	326
Tucson, AZ	31	720	13,767	19	234	324
Jacksonville, FL	32	925	16,850	18	284	308
Memphis, TN-MS-AR	33	995	17,465	18	293	295
Oxnard-Ventura, CA	34	575	10,249	18	177	307
Providence, RI-MA	35	1,230	21,668	18	363	295
San Antonio, TX	36	1,330	23,789	18	401	301
Bridgeport-Stamford, CT-NY	37	860	14,550	17	250	291
Cincinnati, OH-KY-IN	38	1,605	27,288	17	461	287
Albuquerque, NM	39	580	9,258	16	156	269
Columbus, OH	40	1,190	18,550	16	314	264
Las Vegas, NV	41	1,360	22,245	16	379	279
Salt Lake City, UT	42	920	15,094	16	257	279
Raleigh-Durham, NC	43	785	11,482	15	194	248
Birmingham, AL	44	680	9,704	14	165	242
Charleston-North Charleston, SC	45	470	6,364	14	107	228
Colorado Springs, CO	46	480	6,953	14	117	243
Virginia Beach, VA	47	1,535	21,746	14	368	239
Milwaukee, WI	48	1,450	18,249	13	310	214
Omaha, NE-IA	49	635	7,984	13	135	211
Honolulu, HI	50	700	7,476	11	128	184

**SOURCE:** Texas Transportation Institute, *The 2005 Urban Mobility Study*, College Station, TX: 2005, available at <http://mobility.tamu.edu/ums/> as of Sept. 21, 2005.

**Table 5-6: Recreational Boat Registrations by Propulsion Type: 2004**

State	Powered	Nonpowered	Other	Total
Alabama	259,925	3,635	446	264,006
Alaska	41,498	7,407	320	49,225
Arizona	141,028	0	6,266	147,294
Arkansas	187,603	508	17,634	205,745
California	826,208	40,574	28,102	894,884
Colorado	93,721	3,708	650	98,079
Connecticut	111,216	552	224	111,992
Delaware	51,269	0	528	51,797
District of Columbia	2,402	501	5	2,908
Florida	906,066	16,072	23,934	946,072
Georgia	306,761	15,491	0	322,252
Hawaii	12,469	736	0	13,205
Idaho	80,569	793	2,277	83,639
Illinois	321,236	60,011	12,609	393,856
Indiana	190,170	1,243	21,896	213,309
Iowa	107,799	23,516	96,825	228,140
Kansas	94,131	4,040	341	98,512
Kentucky	161,875	0	12,588	174,463
Louisiana	309,950	0	0	309,950
Maine	94,145	0	437	94,582
Maryland	197,236	572	8,873	206,681
Massachusetts	141,983	0	8,700	150,683
Michigan	892,796	52,004	0	944,800
Minnesota	640,604	199,916	12,928	853,448
Mississippi	209,216	0	0	209,216
Missouri	323,360	2,817	33	326,210
Montana	58,693	578	0	59,271
Nebraska	73,952	1	3,683	77,636
Nevada	56,535	357	720	57,612
New Hampshire	97,515	4,111	0	101,626
New Jersey	201,129	8,073	476	209,678
New Mexico	36,792	1,187	460	38,439
New York	509,513	0	9,553	519,066
North Carolina	351,388	1,709	3,849	356,946
North Dakota	51,964	636	361	52,961
Ohio	329,375	75,819	9,744	414,938
Oklahoma	206,049	0	0	206,049
Oregon	187,057	0	3,062	190,119
Pennsylvania	313,798	27,867	12,414	354,079
Rhode Island	43,671	0	0	43,671
South Carolina	375,081	20,072	2,305	397,458
South Dakota	48,271	3,333	0	51,604
Tennessee	259,831	1,634	0	261,465
Texas	607,134	2,758	6,887	616,779
Utah	73,067	1,226	0	74,293
Vermont	32,498	0	0	32,498
Virginia	237,544	216	4,882	242,642
Washington	266,056	0	0	266,056
West Virginia	63,504	0	0	63,504
Wisconsin	602,163	2,952	352	605,467
Wyoming	25,138	477	282	25,897
United States, total	11,878,783	587,200	315,493	12,781,476

**NOTES:** Data are derived from reports of states and other jurisdictions with varying registration categories. "Other" includes boats not elsewhere classified by the reporting jurisdiction. U.S. totals include Guam, Puerto Rico, the Virgin Islands, American Samoa, and the Northern Mariana Islands. U.S. total does not include sailboards, which are numbered in some states.

**SOURCE:** U.S. Department of Transportation, U.S. Coast Guard, Office of Boating Safety, personal communication, Nov. 30, 2005.

**Table 5-7: General Aviation and Air Taxi Aircraft and Hours Flown: 2003  
(Excludes commuter aircraft)**

State	Active aircraft	Hours flown (thousands)
Alabama	3,249	389
Alaska	5,489	605
Arizona	5,072	746
Arkansas	3,286	479
California	23,501	3,160
Colorado	5,343	644
Connecticut	1,790	250
Delaware	2,256	288
District of Columbia	30	14
Florida	14,236	2,183
Georgia	4,981	551
Hawaii	414	166
Idaho	2,156	401
Illinois	5,895	673
Indiana	4,550	544
Iowa	2,899	271
Kansas	3,141	308
Kentucky	2,165	254
Louisiana	2,866	472
Maine	1,210	108
Maryland	3,214	326
Massachusetts	2,580	273
Michigan	5,694	845
Minnesota	4,241	479
Mississippi	2,198	315
Missouri	3,919	447
Montana	2,274	239
Nebraska	1,734	188
Nevada	2,034	259
New Hampshire	1,472	222
New Jersey	3,341	452
New Mexico	2,784	446
New York	6,205	650
North Carolina	5,830	696
North Dakota	1,322	198
Ohio	7,391	1,084
Oklahoma	3,770	453
Oregon	4,669	551
Pennsylvania	5,590	973
Rhode Island	384	42
South Carolina	2,505	272
South Dakota	960	124
Tennessee	3,909	663
Texas	16,889	2,418
Utah	1,316	225
Vermont	565	65
Virginia	4,472	498
Washington	6,143	623
West Virginia	862	64
Wisconsin	4,944	490
Wyoming	1,501	179
U.S. total (excluding territories)	209,241	27,262
U.S. total (including territories)	209,708	27,329

**NOTE:** These data are derived from a sample survey of general aviation and air taxi aircraft and are estimates subject to sampling and nonsampling error.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, *General Aviation and Air Taxi Activity Survey: 2003*, Washington, DC: 2004, 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 Oct. 3, 2005.

Table 5-8: Active Aviation Pilots and Flight Instructors: 2004<sup>1</sup>

State	Total	Students	Airplane pilots <sup>2</sup>				Flight instructor <sup>4</sup>
			Private	Commercial	Airline transport	Misc. <sup>3</sup>	
Alabama	7,493	1,061	3,186	2,038	1,204	4	1,065
Alaska	8,616	858	3,573	2,173	2,011	1	1,212
Arizona	18,990	2,452	7,009	4,367	5,161	1	3,300
Arkansas	5,141	814	2,161	1,335	831	0	693
California	68,693	10,536	31,641	14,428	12,081	7	9,118
Colorado	18,154	2,250	6,868	3,886	5,146	4	3,008
Connecticut	6,096	754	2,714	1,089	1,537	2	884
Delaware	1,490	257	551	292	390	0	239
District of Columbia	440	76	218	76	70	0	47
Florida	49,685	7,105	16,694	11,162	14,706	18	8,157
Georgia	19,381	2,438	6,719	3,471	6,748	5	2,601
Hawaii	3,192	491	813	801	1,087	0	551
Idaho	4,765	660	2,199	1,130	775	1	610
Illinois	20,221	2,860	8,495	4,229	4,626	11	3,354
Indiana	11,301	1,600	5,355	2,261	2,076	9	1,717
Iowa	6,071	872	3,215	1,295	687	2	825
Kansas	7,846	983	3,834	1,747	1,281	1	1,298
Kentucky	7,061	964	2,291	1,350	2,451	5	1,173
Louisiana	5,560	765	2,105	1,573	1,115	2	728
Maine	3,042	393	1,454	644	547	4	383
Maryland	8,497	1,511	3,468	1,696	1,820	2	1,229
Massachusetts	9,075	1,473	4,373	1,765	1,459	5	1,219
Michigan	17,151	2,673	8,204	3,404	2,857	13	2,433
Minnesota	14,764	1,816	6,412	3,208	3,319	9	2,294
Mississippi	4,208	625	1,677	1,096	808	2	549
Missouri	10,597	1,413	4,650	2,242	2,286	6	1,610
Montana	3,855	557	1,800	995	502	1	518
Nebraska	3,806	505	1,888	909	504	0	456
Nevada	6,874	793	2,462	1,414	2,205	0	1,063
New Hampshire	4,330	496	1,591	797	1,442	4	687
New Jersey	10,818	1,707	4,710	2,087	2,306	8	1,586
New Mexico	5,263	719	2,341	1,423	777	3	606
New York	18,102	3,384	8,088	3,755	2,845	30	2,642
North Carolina	14,505	1,907	6,042	2,838	3,713	5	1,916
North Dakota	2,428	379	1,083	759	206	1	381
Ohio	18,770	2,521	8,447	3,769	3,982	51	3,012
Oklahoma	8,460	1,346	3,672	2,095	1,346	1	1,216
Oregon	9,817	1,390	4,959	2,265	1,198	5	1,297
Pennsylvania	18,154	2,692	7,718	3,565	4,159	20	2,682
Rhode Island	1,198	196	534	251	217	0	156
South Carolina	6,485	908	2,788	1,400	1,389	0	819
South Dakota	2,282	297	1,069	614	302	0	329
Tennessee	12,303	1,502	4,441	2,355	4,003	2	1,810
Texas	48,191	6,336	17,031	9,692	15,124	8	7,078
Utah	7,531	1,300	2,957	1,698	1,576	0	1,148
Vermont	1,450	191	685	304	268	2	176
Virginia	14,992	2,187	5,292	3,180	4,318	15	2,278
Washington	20,611	2,605	8,148	4,311	5,542	5	3,037
West Virginia	1,898	272	889	415	321	1	283
Wisconsin	10,975	1,513	5,423	2,010	2,014	15	1,637
Wyoming	1,886	255	931	403	297	0	242
United States, total	592,514	83,658	244,868	126,062	137,635	291	87,352

<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, 2004 U.S. Civil Airmen Statistics, table 5, Washington, DC: 2005, available at [http://www.faa.gov/data\\_statistics/aviation\\_data\\_statistics/civil\\_airmen\\_statistics/2004/](http://www.faa.gov/data_statistics/aviation_data_statistics/civil_airmen_statistics/2004/) as of Oct. 3, 2005.

# Section F



## Economy and Finance



**Table 6-1: Transportation and Warehousing Establishments and Employment: 2003**

State	Number of establishments <sup>1</sup>	Number of employees	Annual payroll (\$ thousands)
Alabama	3,039	52,505	1,615,132
Alaska	1,105	17,561	881,977
Arizona	2,833	86,711	3,008,811
Arkansas	2,587	62,250	1,790,322
California	19,184	447,703	16,877,905
Colorado	3,088	55,241	1,964,703
Connecticut	1,681	43,109	1,566,108
Delaware	717	11,249	338,870
District of Columbia	184	3,487	124,534
Florida	11,474	195,212	6,731,276
Georgia	5,686	143,212	5,471,125
Hawaii	810	25,300	851,921
Idaho	1,520	14,007	378,082
Illinois	10,266	215,919	8,212,055
Indiana	4,933	101,249	3,249,673
Iowa	3,566	48,017	1,507,471
Kansas	2,576	40,898	1,316,655
Kentucky	3,028	73,607	2,776,816
Louisiana	3,733	65,780	2,347,667
Maine	1,269	13,738	408,933
Maryland	3,611	58,832	1,978,202
Massachusetts	3,607	77,584	2,703,267
Michigan	5,385	100,412	4,003,859
Minnesota	4,507	77,246	2,926,177
Mississippi	2,281	32,374	1,014,739
Missouri	4,993	91,095	2,683,466
Montana	1,187	10,237	291,952
Nebraska	2,294	30,180	1,035,831
Nevada	1,225	35,332	971,010
New Hampshire	831	12,125	370,463
New Jersey	7,133	168,088	6,086,090
New Mexico	1,239	16,005	470,943
New York	11,660	229,360	7,752,088
North Carolina	5,579	112,727	3,788,251
North Dakota	997	8,702	254,296
Ohio	7,412	162,304	5,621,387
Oklahoma	2,455	42,689	1,458,700
Oregon	2,948	52,699	1,858,986
Pennsylvania	7,503	184,118	5,974,645
Rhode Island	658	11,709	304,650
South Carolina	2,483	47,771	1,519,727
South Dakota	1,033	8,122	228,600
Tennessee	4,330	117,332	3,925,136
Texas	14,702	331,027	12,705,371
Utah	1,640	41,155	1,401,905
Vermont	545	6,009	164,370
Virginia	5,067	97,354	3,358,576
Washington	4,464	75,839	2,874,220
West Virginia	1,458	15,846	511,729
Wisconsin	5,407	90,072	2,859,236
Wyoming	760	6,835	230,877
United States, total	202,673	4,067,935	142,748,785

<sup>1</sup> The transportation and warehousing sector (North American Industrial Classification System [NAICS] 48 and 49) 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 modes of transportation 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. The data do not include government, railroad transportation, nor self-employed persons.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-2: Air Transportation Establishments and Employment: 2003**

State	Number of establishments <sup>1</sup>	Number of employees	Annual payroll (\$ thousands)
Alabama	48	797	24,935
Alaska	240	6,259	317,889
Arizona	94	16,999	762,072
Arkansas	54	1,729	57,438
California	603	60,460	3,089,739
Colorado	110	14,354	658,819
Connecticut	51	5,333	255,433
Delaware	31	W	W
District of Columbia	25	170	8,762
Florida	529	26,433	1,064,812
Georgia	114	28,936	1,751,144
Hawaii	60	7,888	338,997
Idaho	60	1,078	31,731
Illinois	213	41,684	2,194,966
Indiana	72	6,538	256,628
Iowa	45	W	W
Kansas	46	502	12,800
Kentucky	66	17,786	649,139
Louisiana	99	3,593	155,529
Maine	26	327	9,024
Maryland	47	4,350	208,246
Massachusetts	102	10,173	439,913
Michigan	136	15,766	891,032
Minnesota	68	20,763	1,051,319
Mississippi	51	W	W
Missouri	79	12,807	274,352
Montana	76	891	29,179
Nebraska	39	918	25,328
Nevada	83	4,932	143,889
New Hampshire	25	667	24,160
New Jersey	111	16,456	792,766
New Mexico	53	1,423	43,252
New York	364	32,398	1,575,794
North Carolina	105	12,124	592,236
North Dakota	24	W	W
Ohio	118	11,159	489,682
Oklahoma	57	2,324	73,351
Oregon	93	5,679	236,477
Pennsylvania	149	20,421	1,033,927
Rhode Island	17	610	18,516
South Carolina	50	3,507	162,263
South Dakota	26	273	7,268
Tennessee	105	7,235	256,725
Texas	458	65,759	3,387,564
Utah	37	8,786	402,731
Vermont	12	256	9,008
Virginia	136	13,725	683,182
Washington	124	12,940	639,967
West Virginia	23	W	W
Wisconsin	90	4,186	158,375
Wyoming	34	W	W
United States, total	5,478	533,799	25,360,422

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

<sup>1</sup>The air transportation sector (North American Industrial Classification System [NAICS] 481) includes industries providing air transportation of passengers and/or cargo using aircraft, such as airplanes and helicopters. Scenic and sightseeing air transportation and air courier services are excluded.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-3: Water Transportation Establishments and Employment: 2003**

State	Number of establishments <sup>1</sup>	Number of employees	Annual payroll (\$ thousands)
Alabama	31	630	28,934
Alaska	59	601	36,306
Arizona	3	W	W
Arkansas	5	W	W
California	125	5,475	284,182
Colorado	2	W	W
Connecticut	30	W	W
Delaware	13	W	W
District of Columbia	1	W	W
Florida	250	12,811	616,175
Georgia	35	W	W
Hawaii	21	510	27,126
Idaho	0	0	0
Illinois	47	1,594	76,173
Indiana	13	W	W
Iowa	5	W	W
Kansas	2	W	W
Kentucky	31	W	W
Louisiana	318	11,042	490,393
Maine	20	79	2,948
Maryland	40	736	41,174
Massachusetts	52	1,829	111,293
Michigan	36	480	33,999
Minnesota	15	W	W
Mississippi	17	444	20,853
Missouri	14	452	23,199
Montana	2	W	W
Nebraska	1	W	W
Nevada	4	W	W
New Hampshire	2	W	W
New Jersey	82	2,240	135,675
New Mexico	2	W	W
New York	140	3,595	214,081
North Carolina	28	1,099	52,871
North Dakota	0	0	0
Ohio	47	1,684	103,526
Oklahoma	5	W	W
Oregon	18	1,230	63,748
Pennsylvania	30	1,149	45,649
Rhode Island	17	W	W
South Carolina	21	W	W
South Dakota	0	0	0
Tennessee	17	1,615	72,811
Texas	142	5,229	259,681
Utah	2	W	W
Vermont	4	W	W
Virginia	54	1,784	118,054
Washington	110	2,920	174,240
West Virginia	6	330	9,198
Wisconsin	7	147	3,913
Wyoming	4	W	W
United States, total	1,930	67,329	3,397,320

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

<sup>1</sup>The water transportation sector (North American Industrial Classification System [NAICS] 483) includes industries providing water transportation of passengers and cargo using water craft, such as ships, barges, and boats. The sector 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. Scenic and sightseeing water transportation services are excluded.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-4: Truck Transportation Establishments and Employment: 2003**

<b>State</b>	<b>Number of establishments<sup>1</sup></b>	<b>Number of employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	2,038	30,524	946,739
Alaska	233	2,876	139,373
Arizona	1,429	37,165	1,263,833
Arkansas	1,817	45,825	1,295,198
California	9,032	119,151	3,998,594
Colorado	1,789	16,417	562,594
Connecticut	671	7,189	274,345
Delaware	312	3,804	114,819
District of Columbia	22	409	10,614
Florida	4,627	48,646	1,661,095
Georgia	3,239	50,573	1,725,024
Hawaii	191	3,441	101,514
Idaho	1,040	7,372	211,201
Illinois	6,136	74,782	2,664,066
Indiana	3,413	50,632	1,747,626
Iowa	2,742	32,349	1,033,810
Kansas	1,689	16,911	578,777
Kentucky	2,040	21,902	699,694
Louisiana	1,808	20,222	598,576
Maine	788	5,766	179,536
Maryland	1,640	17,310	592,084
Massachusetts	1,516	16,842	658,451
Michigan	3,215	40,802	1,627,657
Minnesota	2,815	21,971	783,609
Mississippi	1,569	18,135	561,881
Missouri	3,252	41,565	1,387,384
Montana	709	4,927	156,523
Nebraska	1,763	18,084	616,576
Nevada	556	5,306	198,655
New Hampshire	451	4,160	147,229
New Jersey	3,291	43,574	1,787,018
New Mexico	687	7,005	240,902
New York	4,401	40,970	1,426,895
North Carolina	3,458	51,157	1,719,397
North Dakota	724	5,285	161,151
Ohio	4,657	66,187	2,381,887
Oklahoma	1,538	18,581	567,948
Oregon	1,663	21,582	760,801
Pennsylvania	4,181	60,822	2,138,477
Rhode Island	307	2,790	103,877
South Carolina	1,425	19,866	653,152
South Dakota	757	4,857	142,299
Tennessee	2,362	51,096	1,787,211
Texas	7,565	106,656	3,442,189
Utah	1,046	20,489	650,711
Vermont	338	2,401	79,231
Virginia	3,025	32,497	1,055,104
Washington	2,307	22,423	768,438
West Virginia	1,059	8,893	250,766
Wisconsin	3,714	47,641	1,728,224
Wyoming	534	3,456	112,460
<b>United States, total</b>	<b>111,581</b>	<b>1,423,286</b>	<b>48,495,215</b>

<sup>1</sup>The truck transportation sector (North American Industrial Classification System [NAICS] 484) includes industries providing over-the-road transportation of cargo using motor vehicles, such as trucks and tractor trailers. The sector is subdivided into general freight trucking and specialized freight trucking. This distinction reflects differences in equipment used, type of load carried, scheduling, terminal, and other networking services.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-5: Transit and Ground Passenger Transportation Establishments and Employment: 2003**

State	Number of establishments <sup>1</sup>	Number of employees	Annual payroll (\$ thousands)
Alabama	104	1,926	29,115
Alaska	79	1,334	24,513
Arizona	202	7,164	169,991
Arkansas	55	893	16,529
California	1,476	38,536	847,043
Colorado	162	3,991	81,483
Connecticut	352	12,363	258,707
Delaware	164	2,289	43,079
District of Columbia	38	1,068	34,553
Florida	833	11,971	229,162
Georgia	278	3,480	63,872
Hawaii	91	3,572	91,176
Idaho	78	1,560	19,617
Illinois	863	21,321	370,328
Indiana	237	3,538	56,116
Iowa	101	1,644	22,977
Kansas	146	5,827	79,442
Kentucky	131	1,953	30,625
Louisiana	179	3,494	82,432
Maine	92	1,348	21,735
Maryland	710	8,053	153,178
Massachusetts	733	18,205	381,883
Michigan	289	4,666	95,084
Minnesota	484	12,792	207,742
Mississippi	77	W	W
Missouri	336	9,886	142,761
Montana	119	1,530	20,099
Nebraska	70	W	W
Nevada	111	11,509	228,591
New Hampshire	123	3,258	54,575
New Jersey	1,104	28,192	536,255
New Mexico	147	3,423	48,201
New York	2,649	61,930	1,434,847
North Carolina	297	4,562	83,712
North Dakota	60	971	11,067
Ohio	357	7,891	135,671
Oklahoma	74	1,294	17,856
Oregon	213	4,154	65,129
Pennsylvania	1,128	30,439	470,782
Rhode Island	102	2,313	45,317
South Carolina	131	1,815	30,796
South Dakota	72	871	12,300
Tennessee	319	5,677	119,454
Texas	565	14,108	273,261
Utah	62	1,148	17,824
Vermont	70	1,519	23,693
Virginia	356	5,946	129,434
Washington	223	5,571	104,779
West Virginia	42	W	W
Wisconsin	547	13,787	191,204
Wyoming	26	396	6,589
United States, total	17,257	397,949	7,655,081

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

<sup>1</sup>The transit and ground passenger transportation sector (North American Industrial Classification System [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. Scenic and sightseeing ground transportation services are excluded.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-6: Pipeline Transportation Establishments and Employment: 2003**

State	Number of establishments <sup>1</sup>	Number of employees	Annual payroll (\$ thousands)
Alabama	44	476	31,908
Alaska	16	W	W
Arizona	34	W	W
Arkansas	46	523	24,172
California	60	1,213	94,829
Colorado	51	W	W
Connecticut	12	W	W
Delaware	1	W	W
District of Columbia	6	W	W
Florida	32	W	W
Georgia	44	812	60,202
Hawaii	0	0	0
Idaho	7	W	W
Illinois	94	1,111	87,235
Indiana	55	W	W
Iowa	59	437	29,887
Kansas	129	1,283	93,312
Kentucky	50	810	35,099
Louisiana	200	2,168	128,432
Maine	4	W	W
Maryland	17	130	9,322
Massachusetts	20	W	W
Michigan	68	919	61,417
Minnesota	63	W	W
Mississippi	81	662	35,727
Missouri	41	W	W
Montana	13	W	W
Nebraska	34	680	64,622
Nevada	10	W	W
New Hampshire	8	W	W
New Jersey	27	251	17,424
New Mexico	60	545	30,530
New York	43	W	W
North Carolina	23	296	15,803
North Dakota	25	383	22,749
Ohio	71	1,743	112,566
Oklahoma	148	2,089	133,653
Oregon	19	W	W
Pennsylvania	106	2,080	131,827
Rhode Island	4	W	W
South Carolina	12	W	W
South Dakota	17	178	10,035
Tennessee	43	W	W
Texas	624	12,373	947,825
Utah	25	W	W
Vermont	1	W	W
Virginia	45	W	W
Washington	23	597	51,603
West Virginia	55	W	W
Wisconsin	29	292	13,045
Wyoming	34	633	35,035
United States, total	2,733	41,003	2,892,594

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

<sup>1</sup>The pipeline transportation sector (North American Industrial Classification System [NAICS] 486) include industries using transmission pipelines to transport products, such as crude oil, natural gas, refined petroleum products, and slurry. Industries are identified based on the products transported (i.e., pipeline transportation of crude oil, natural gas, refined petroleum products, and other products). 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.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2003 County Business Patterns*, Washington, DC: 2005, available at <http://www.census.gov/epcd/cbp/view/cbpview.html> as of Sept. 26, 2005.

**Table 6-7: Freight Railroad Employment and Wages: 2003<sup>1</sup>**

State	Employment	Wages (\$ millions)	Retirement beneficiaries	Retirement payments (\$ millions)
Alabama	3,414	196	9,585	128
Alaska	428	24	196	3
Arizona	2,431	154	10,590	141
Arkansas	3,662	227	9,296	124
California	8,937	567	32,848	437
Colorado	2,753	176	7,633	102
Connecticut	106	6	3,068	41
Delaware	196	11	1,828	24
District of Columbia	9	1	653	9
Florida	6,210	357	32,424	431
Georgia	6,901	394	15,431	205
Hawaii	0	0	262	3
Idaho	1,252	78	4,657	62
Illinois	12,396	773	37,609	500
Indiana	5,611	321	16,527	220
Iowa	3,700	233	9,477	126
Kansas	5,466	351	14,142	188
Kentucky	4,394	254	14,919	199
Louisiana	3,193	189	8,121	108
Maine	644	35	3,253	43
Maryland	1,625	94	10,373	138
Massachusetts	734	40	5,030	67
Michigan	4,171	253	15,275	203
Minnesota	4,551	277	17,150	228
Mississippi	1,745	109	6,139	82
Missouri	6,739	424	20,042	267
Montana	2,452	151	6,165	82
Nebraska	9,748	627	10,970	146
Nevada	644	41	3,658	49
New Hampshire	193	10	992	13
New Jersey	1,196	57	10,287	137
New Mexico	1,550	100	4,975	66
New York	3,053	173	24,712	329
North Carolina	2,315	132	10,468	139
North Dakota	1,552	98	3,255	43
Ohio	7,845	446	30,421	405
Oklahoma	1,539	94	5,442	72
Oregon	2,239	138	8,885	118
Pennsylvania	7,138	397	42,340	563
Rhode Island	75	4	624	8
South Carolina	1,648	94	6,566	87
South Dakota	745	45	1,319	18
Tennessee	3,984	235	11,970	159
Texas	15,095	956	33,912	451
Utah	1,692	106	5,726	76
Vermont	218	10	1,019	14
Virginia	5,311	303	19,232	256
Washington	3,709	236	11,524	153
West Virginia	2,815	162	10,182	135
Wisconsin	3,409	220	10,595	141
Wyoming	2,629	169	3,029	40
United States, total	174,062	10,551	584,796	7,782

<sup>1</sup>Freight railroads include Class I, regional, switching and terminal, and local.

**NOTE:** Wages do not include fringe benefits.

**SOURCE:** Association of American Railroads, *Railroads and States-2003*, Washington, DC: 2005, available at <http://www.aar.org/AboutTheIndustry/StateInformation.asp> as of Sept. 19, 2005.

**Table 6-8: Transportation Expenditures by State Governments: 2003**  
(Millions of current dollars)

State	Total	Highway	Transit	Air	Water
Alabama	1,047	971	Z	<1	75
Alaska	1,040	802	Z	238	Z
Arizona	1,295	1,292	Z	3	Z
Arkansas	941	940	Z	<1	Z
California	5,148	5,095	51	2	Z
Colorado	1,107	1,106	Z	1	Z
Connecticut	1,051	678	332	34	6
Delaware	454	338	87	Z	29
District of Columbia	Z	Z	Z	Z	Z
Florida	4,885	4,812	58	Z	15
Georgia	2,012	1,837	<1	3	172
Hawaii	490	259	Z	185	45
Idaho	413	411	Z	2	Z
Illinois	3,208	3,155	41	12	Z
Indiana	1,408	1,366	34	<1	8
Iowa	957	936	20	Z	Z
Kansas	931	931	Z	Z	Z
Kentucky	1,695	1,694	Z	<1	Z
Louisiana	1,191	1,045	Z	8	138
Maine	483	470	Z	6	8
Maryland	2,122	1,273	487	206	157
Massachusetts	2,919	2,304	Z	557	57
Michigan	1,317	1,301	10	6	Z
Minnesota	1,322	1,199	112	12	Z
Mississippi	809	800	Z	Z	9
Missouri	1,569	1,569	<1	<1	<1
Montana	480	479	Z	1	Z
Nebraska	561	558	Z	3	Z
Nevada	640	640	Z	Z	Z
New Hampshire	353	347	5	<1	<1
New Jersey	4,640	2,270	2,338	6	27
New Mexico	808	805	Z	3	Z
New York	10,365	3,847	6,471	37	10
North Carolina	2,657	2,580	20	7	50
North Dakota	303	302	Z	<1	Z
Ohio	2,287	2,284	Z	3	Z
Oklahoma	1,021	1,020	Z	1	<1
Oregon	694	681	7	7	Z
Pennsylvania	4,660	4,605	41	9	6
Rhode Island	409	229	129	45	7
South Carolina	1,355	1,267	Z	1	87
South Dakota	401	386	Z	14	Z
Tennessee	1,232	1,232	Z	Z	Z
Texas	5,154	5,154	Z	Z	Z
Utah	664	638	Z	26	Z
Vermont	254	238	10	6	Z
Virginia	2,601	2,313	14	29	245
Washington	1,364	1,340	22	2	Z
West Virginia	972	962	7	2	<1
Wisconsin	1,340	1,261	Z	79	<1
Wyoming	438	436	Z	2	Z
<b>Total</b>	<b>85,465</b>	<b>72,455</b>	<b>10,296</b>	<b>1,565</b>	<b>1,150</b>

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Government Transportation Financial Statistics 2004*, Washington, DC: forthcoming.

**Table 6-9: Transportation Revenues Collected by State Governments: 2003**  
(Millions of current dollars)

State	Total	Highway	Transit	Air	Water
Alabama	787	721	Z	Z	67
Alaska	187	106	Z	81	Z
Arizona	821	820	Z	<1	Z
Arkansas	720	720	Z	Z	Z
California	5,495	5,495	Z	Z	Z
Colorado	776	776	Z	Z	Z
Connecticut	757	703	22	32	<1
Delaware	265	228	9	Z	27
District of Columbia	Z	Z	Z	Z	Z
Florida	3,865	3,847	18	Z	Z
Georgia	1,081	959	Z	<1	121
Hawaii	472	168	Z	234	70
Idaho	333	333	Z	<1	Z
Illinois	3,135	3,135	Z	Z	Z
Indiana	1,187	1,181	Z	<1	6
Iowa	734	734	Z	Z	Z
Kansas	648	648	Z	Z	Z
Kentucky	690	690	Z	Z	Z
Louisiana	764	716	Z	<1	48
Maine	351	351	Z	<1	<1
Maryland	1,523	1,224	98	109	93
Massachusetts	1,758	1,415	Z	300	43
Michigan	2,073	2,072	Z	<1	Z
Minnesota	1,190	1,190	Z	Z	Z
Mississippi	590	568	Z	Z	21
Missouri	978	978	Z	Z	Z
Montana	350	350	Z	<1	Z
Nebraska	404	404	Z	<1	Z
Nevada	486	486	Z	Z	Z
New Hampshire	288	288	Z	<1	Z
New Jersey	2,317	1,749	547	5	17
New Mexico	338	338	Z	Z	Z
New York	2,882	1,864	979	32	6
North Carolina	1,680	1,653	<1	Z	27
North Dakota	171	171	Z	<1	Z
Ohio	2,311	2,311	Z	Z	Z
Oklahoma	1,127	1,127	Z	<1	Z
Oregon	866	864	1	<1	Z
Pennsylvania	3,025	3,025	Z	<1	<1
Rhode Island	276	204	18	54	<1
South Carolina	638	527	Z	<1	111
South Dakota	176	176	Z	Z	Z
Tennessee	1,099	1,099	Z	Z	Z
Texas	3,971	3,971	Z	Z	Z
Utah	491	472	Z	19	Z
Vermont	135	135	Z	<1	Z
Virginia	1,457	1,306	Z	Z	151
Washington	1,260	1,260	Z	<1	Z
West Virginia	434	432	<1	<1	Z
Wisconsin	1,240	1,240	Z	Z	Z
Wyoming	117	116	Z	<1	Z
<b>Total</b>	<b>58,719</b>	<b>55,347</b>	<b>1,693</b>	<b>871</b>	<b>809</b>

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Government Transportation Financial Statistics 2004*, Washington, DC: forthcoming.

**Table 6-10: Federal and State Funding of Public Transit: 1995, 2000, and 2004**  
**(Value of contributions to public transit in thousands of dollars)**

State	1995		2000		2004	
	Federal	State	Federal	State	Federal	State
Alabama	16,903	0	49,115	0	58,794	0
Alaska	4,841	0	40,379	0	35,921	0
Arizona	41,261	445	14,710	329	88,099	20,068
Arkansas	8,489	332	48,283	0	23,172	2,800
California	649,602	340,162	803,946	1,344,779	1,037,402	1,317,934
Colorado	29,281	0	88,173	0	147,647	0
Connecticut	72,347	113,241	97,121	163,266	109,265	200,167
Delaware	11,594	NR	11,082	35,685	12,441	72,000
District of Columbia	170,047	123,051	81,883	NR	128,848	208,253
Florida	149,531	89,511	200,817	92,724	240,396	96,504
Georgia	83,001	1,893	142,250	306,393	140,657	4,858
Hawaii	22,001	0	35,239	0	45,869	0
Idaho	4,026	0	5,083	136	12,239	312
Illinois	294,583	264,993	360,528	467,622	521,858	778,700
Indiana	37,209	NR	62,918	29,201	64,322	36,201
Iowa	21,847	7,465	26,917	10,411	31,215	8,600
Kansas	10,963	1,000	20,871	6,000	24,056	6,000
Kentucky	19,135	612	31,125	NR	45,574	1,400
Louisiana	48,047	NR	42,132	NR	71,663	4,963
Maine	7,318	392	5,557	420	11,958	505
Maryland	198,965	349,848	123,984	273,844	224,256	789,511
Massachusetts	166,755	531,896	246,496	771,356	221,649	1,291,363
Michigan	85,840	124,401	100,549	187,198	118,175	209,652
Minnesota	39,476	47,989	106,819	80,289	147,726	214,255
Mississippi	8,142	0	14,674	115	18,810	800
Missouri	53,018	1,495	107,250	17,029	75,007	6,600
Montana	3,221	75	4,655	75	7,596	390
Nebraska	8,824	1,530	11,223	1,539	15,316	1,500
Nevada	18,357	438	28,973	NR	54,213	125
New Hampshire	4,268	12	9,588	0	11,656	225
New Jersey	331,863	458,704	383,154	509,237	463,100	837,476
New Mexico	12,427	NR	29,447	0	15,623	2,402
New York	787,777	1,356,600	844,552	1,926,571	1,046,622	1,811,372
North Carolina	43,670	22,138	55,260	38,247	87,401	154,680
North Dakota	2,908	761	4,615	1,666	8,228	1,546
Ohio	118,314	29,233	132,460	42,348	146,280	18,100
Oklahoma	12,593	951	20,283	3,530	53,549	2,750
Oregon	127,700	44,689	52,339	15,553	135,017	31,445
Pennsylvania	262,502	628,400	297,215	731,800	376,186	785,151
Rhode Island	16,335	19,121	15,620	36,822	18,988	36,840
South Carolina	13,172	4,140	29,053	4,234	32,368	5,864
South Dakota	3,776	300	4,747	397	8,926	996
Tennessee	37,005	12,458	38,010	22,291	68,834	38,532
Texas	195,306	17,200	296,983	27,945	295,273	27,741
Utah	25,773	140	80,951	0	80,073	0
Vermont	3,325	861	7,900	NR	8,937	6,103
Virginia	45,222	78,248	104,761	163,959	112,508	140,100
Washington	76,207	6,435	149,745	84,456	229,073	29,150
West Virginia	9,377	1,538	29,774	1,395	14,427	2,294
Wisconsin	54,764	77,321	65,748	100,448	69,341	109,078
Wyoming	1,835	977	2,308	NR	4,936	2,466
United States, total	4,470,747	4,760,995	5,567,261	7,499,314	7,021,489	9,317,772

KEY: NR = not reported.

SOURCE: American Association of State Highway and Transportation Officials, American Public Transportation Association, and U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Survey of State Funding for Public Transportation for Calendar Year 2004*, Washington, DC: 2005, table 1.2.

**Table 6-11: Average Motor Gasoline Prices Excluding Taxes, All Grades: 2003 and 2004**

State	2003	2004
	Price (Cents per gallon excluding taxes)	Price (Cents per gallon excluding taxes)
Alabama	106.7	137.5
Alaska	147.8	170.4
Arizona	130.4	156.2
Arkansas	106.3	134.8
California	133.0	164.5
Colorado	116.5	143.9
Connecticut	117.2	147.2
Delaware	110.4	141.9
District of Columbia	113.4	143.4
Florida	110.4	140.0
Georgia	107.7	138.9
Hawaii	146.9	167.3
Idaho	117.6	145.0
Illinois	116.1	143.3
Indiana	111.2	138.5
Iowa	108.6	136.2
Kansas	109.2	136.0
Kentucky	111.0	141.2
Louisiana	104.8	135.4
Maine	116.6	146.6
Maryland	110.6	141.6
Massachusetts	119.2	146.2
Michigan	113.0	140.9
Minnesota	116.1	143.3
Mississippi	110.6	139.4
Missouri	109.0	136.8
Montana	114.9	141.8
Nebraska	109.0	137.7
Nevada	130.3	163.6
New Hampshire	119.4	146.4
New Jersey	119.9	148.1
New Mexico	115.0	142.9
New York	115.8	145.5
North Carolina	106.3	136.5
North Dakota	116.5	145.7
Ohio	111.4	138.4
Oklahoma	105.6	132.9
Oregon	124.8	151.9
Pennsylvania	109.0	138.1
Rhode Island	114.8	142.6
South Carolina	108.2	138.9
South Dakota	114.7	142.7
Tennessee	106.4	137.3
Texas	105.1	133.9
Utah	116.7	142.7
Vermont	119.8	150.6
Virginia	110.1	138.6
Washington	121.4	149.8
West Virginia	113.0	141.9
Wisconsin	114.1	142.6
Wyoming	117.4	144.5
United States	113.5	142.3

**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:** Department of Energy, Energy Information Administration, *Petroleum Marketing Annual*, Washington, DC: Annual issues, table 31, available at [http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_marketing\\_annual/pma.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma.html) as of Oct. 13, 2005.

**Table 6-12: State Motor-Fuel Tax Rates: 2004  
(Cents per gallon)**

State	Gasoline	Diesel	Liquefied petroleum	
			gas	Gasohol <sup>1</sup>
Alabama	18.00	19.00	17.00	18.00
Alaska	8.00	8.00	0.00	8.00
Arizona	18.00	26.00	18.00	18.00
Arkansas	21.70	22.70	16.50	21.70
California	18.00	18.00	6.00	18.00
Colorado	22.00	20.50	20.50	22.00
Connecticut	25.00	26.00	0.00	25.00
Delaware	23.00	22.00	22.00	23.00
District of Columbia	20.00	20.00	20.00	20.00
Florida	13.90	26.40	26.40	13.90
Georgia	7.50	7.50	7.50	7.50
Hawaii	16.00	16.00	8.10	16.00
Idaho	25.00	25.00	18.10	22.50
Illinois	19.00	21.50	19.00	19.00
Indiana	18.00	16.00	0.00	15.00
Iowa	20.30	22.50	20.00	19.00
Kansas	24.00	26.00	22.00	24.00
Kentucky	16.40	13.40	16.40	16.40
Louisiana	20.00	20.00	16.00	20.00
Maine	25.20	26.30	18.30	17.80
Maryland	23.50	24.25	23.50	23.50
Massachusetts	21.00	21.00	17.60	21.00
Michigan	19.00	15.00	15.00	19.00
Minnesota	20.00	20.00	15.00	20.00
Mississippi	18.40	18.40	17.00	18.40
Missouri	17.00	17.00	17.00	17.00
Montana	27.00	27.75	0.00	27.00
Nebraska	24.60	24.60	24.60	24.60
Nevada	24.80	27.70	22.00	24.80
New Hampshire	19.50	19.50	18.00	19.50
New Jersey	10.50	13.50	5.25	10.50
New Mexico	18.50	19.50	6.00	18.50
New York	24.55	22.05	8.05	24.55
North Carolina	24.60	24.60	24.60	24.60
North Dakota	21.00	21.00	21.00	21.00
Ohio	26.00	26.00	26.00	26.00
Oklahoma	17.00	14.00	17.00	17.00
Oregon	24.00	24.00	18.50	24.00
Pennsylvania	25.90	30.80	19.20	25.90
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	20.00
Tennessee	21.40	18.40	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	16.00	16.00	17.50
Washington	28.00	28.00	0.00	28.00
West Virginia	25.35	25.35	25.35	25.35
Wisconsin	28.50	28.50	28.50	28.50
Wyoming	14.00	14.00	0.00	14.00
Federal tax	18.40	24.40	13.60	13.20

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

**NOTE:** Tax rates in effect as of October 1, 2004.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2004*, Washington, DC: forthcoming, table MF-121T.

# Section G



## Energy and Environment



**Table 7-1: Transportation Energy Consumption by Energy Source: 2001  
(Trillion Btu)**

State	Petroleum						Electrical system energy					
	Natural gas <sup>1</sup>	Distillate fuel (diesel)	Jet fuel	Motor gasoline <sup>2</sup>	Residual fuel	Other <sup>3</sup>	Total petroleum	Ethanol <sup>4</sup>	Electricity	Net energy	losses <sup>5</sup>	Total
Alabama	20.7	109.0	13.3	295.3	4.5	3.2	425.3	1.3	0.0	446.0	0.0	446.0
Alaska	5.1	31.4	137.6	29.3	0.3	1.7	200.4	0.5	0.0	205.5	0.0	205.5
Arizona	23.2	93.5	56.2	299.9	0.0	3.0	452.5	2.1	0.0	475.8	0.0	475.8
Arkansas	8.9	91.1	5.9	168.2	0.0	3.7	268.9	0.0	0.0	277.8	0.0	277.8
California	13.8	414.6	551.2	1,808.9	154.8	20.4	2,949.9	7.8	2.3	2,965.9	5.1	2,971.0
Colorado	10.2	76.0	43.8	252.3	0.0	3.9	375.9	7.0	S	386.2	0.1	386.2
Connecticut	3.2	38.9	13.4	180.3	0.1	2.1	234.8	0.1	0.0	238.0	0.0	238.0
Delaware	0.1	8.1	0.7	47.8	8.2	0.7	65.4	0.0	0.0	65.5	0.0	65.5
Dist. of Columbia	0.3	4.8	0.0	18.3	S	0.3	23.5	0.0	0.6	24.4	1.4	25.8
Florida	7.5	212.3	173.8	929.7	53.4	8.2	1,377.4	0.1	0.2	1,385.1	0.5	1,385.6
Georgia	8.2	206.4	56.2	579.0	4.1	4.5	850.2	0.0	0.4	858.7	0.8	859.5
Hawaii	0.0	14.3	50.4	49.9	16.7	0.6	132.0	0.0	0.0	132.0	0.0	132.0
Idaho	6.7	34.1	4.1	75.6	0.0	1.1	114.8	0.0	0.0	121.5	0.0	121.5
Illinois	11.4	187.6	105.8	618.9	0.8	9.8	922.9	28.0	1.6	935.9	3.5	939.4
Indiana	7.5	139.5	66.7	384.8	1.1	4.6	596.7	9.4	0.1	604.2	0.1	604.4
Iowa	9.1	70.5	4.4	182.5	0.0	3.6	261.0	8.3	S	270.1	S	270.1
Kansas	25.7	55.9	12.8	152.4	S	4.7	225.8	0.2	0.0	251.6	0.0	251.6
Kentucky	15.5	137.3	34.0	257.9	S	3.7	433.0	0.3	0.0	448.5	0.0	448.5
Louisiana	49.2	171.0	195.4	267.6	64.4	5.7	704.1	S	S	753.3	S	753.4
Maine	1.4	24.0	4.0	73.3	3.4	1.1	105.8	0.0	S	107.2	S	107.2
Maryland	3.1	72.9	16.6	304.5	3.9	2.3	400.2	S	0.6	403.8	1.3	405.2
Massachusetts	3.5	61.0	39.7	335.3	1.8	3.2	441.1	0.0	0.8	445.4	1.9	447.3
Michigan	23.0	125.1	35.3	610.6	0.4	9.5	780.9	4.9	S	803.9	S	804.0
Minnesota	19.3	94.5	65.7	316.3	1.1	5.1	482.8	20.3	0.0	502.1	0.0	502.1
Mississippi	30.8	75.2	47.7	184.2	8.1	2.4	317.6	0.0	0.0	348.5	0.0	348.5
Missouri	2.0	136.9	42.5	367.0	S	7.0	553.5	2.2	0.1	555.6	0.2	555.8
Montana	7.7	36.1	4.3	57.7	0.0	1.7	99.9	0.1	0.0	107.6	0.0	107.6
Nebraska	3.1	50.4	6.3	100.2	0.0	2.5	159.5	2.3	0.0	162.6	0.0	162.6
Nevada	1.4	38.0	47.7	116.7	0.0	1.4	203.9	2.6	0.0	205.3	0.0	205.3
New Hampshire	S	14.0	5.0	82.2	0.0	0.6	101.9	0.0	0.0	101.9	0.0	101.9
New Jersey	4.2	128.0	192.5	485.1	65.4	4.5	875.5	1.1	0.8	880.5	1.8	882.3
New Mexico	44.4	57.2	17.4	109.3	0.0	1.7	185.7	0.8	0.0	230.1	0.0	230.1
New York	6.2	137.0	83.1	686.5	20.2	7.6	934.3	0.4	9.0	949.5	20.3	969.9
North Carolina	6.9	144.6	34.3	502.4	0.7	4.7	686.7	4.6	0.0	693.6	0.0	693.6
North Dakota	14.0	27.0	4.3	41.4	0.0	1.3	74.0	0.6	0.0	88.0	0.0	88.0
Ohio	16.7	224.6	105.3	621.9	0.4	9.7	962.0	17.6	0.1	978.9	0.3	979.2
Oklahoma	25.0	178.3	39.9	217.4	0.0	5.1	440.7	0.0	0.0	465.6	0.0	465.6
Oregon	11.4	69.6	29.6	184.0	7.4	4.3	294.9	1.6	0.1	306.4	0.3	306.7
Pennsylvania	35.3	206.3	107.0	619.8	15.4	8.5	957.1	1.5	1.4	993.8	3.2	997.0
Rhode Island	0.3	8.1	7.4	49.4	0.0	0.5	65.5	0.0	0.0	65.8	0.0	65.8
South Carolina	3.1	89.4	10.5	276.0	1.8	2.0	379.6	0.0	0.0	382.7	0.0	382.7
South Dakota	5.8	21.1	5.5	49.7	0.0	1.1	77.4	1.9	0.0	83.2	0.0	83.2
Tennessee	14.3	139.7	71.2	351.1	S	4.3	566.3	0.0	S	580.6	S	580.6
Texas	72.5	535.6	639.8	1,311.6	101.2	15.6	2,603.7	5.6	0.1	2,676.3	0.3	2,676.5
Utah	5.4	49.7	39.0	117.1	0.0	1.7	207.5	1.3	S	213.0	0.1	213.0
Vermont	S	9.8	0.7	40.9	0.0	0.5	51.9	0.0	0.0	51.9	0.0	51.9
Virginia	8.1	143.4	56.6	465.2	6.6	3.9	675.7	3.0	0.3	684.2	0.7	684.9
Washington	9.7	98.6	123.7	324.6	39.4	3.7	590.1	2.1	0.1	599.8	0.1	599.9
West Virginia	32.5	46.8	1.1	101.0	0.0	1.7	150.5	0.4	0.0	183.0	0.0	183.0
Wisconsin	3.1	99.0	14.7	300.1	S	4.6	418.4	7.1	S	421.5	S	421.5
Wyoming	13.9	53.4	1.9	39.7	0.0	2.0	97.0	0.0	0.0	110.9	0.0	110.9
United States	654.4	5,291.7	3,426.0	16,040.8	585.5	212.1	25,556.2	147.1	18.7	26,229.4	42.1	26,271.5

<sup>1</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is consumed in the operation of pipelines, primarily in compressors, or 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:** Totals may not equal sum of components due to rounding.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *State Energy Data 2001 Consumption*, Washington, DC: 2004, available at [http://www.eia.doe.gov/emeu/states/\\_multi\\_states.html](http://www.eia.doe.gov/emeu/states/_multi_states.html) as of Dec. 16, 2005.

**Table 7-2: Energy Consumption by End-Use Sector: 2001  
(Trillion Btu)**

State	Total energy consumed <sup>1</sup>	End-use sectors <sup>2</sup>							
		Transportation		Residential		Commercial		Industrial	
		Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent
Alabama	1,942.6	446.0	23.0	379.9	19.6	253.5	13.0	863.2	44.4
Alaska	736.6	205.5	27.9	53.2	7.2	65.4	8.9	412.5	56.0
Arizona	1,353.0	475.8	35.2	344.0	25.4	311.9	23.1	221.3	16.4
Arkansas	1,106.3	277.8	25.1	218.5	19.8	148.1	13.4	461.9	41.8
California	7,853.4	2,971.0	37.8	1,445.7	18.4	1,508.8	19.2	1,927.9	24.5
Colorado	1,270.0	386.2	30.4	302.8	23.8	287.1	22.6	293.8	23.1
Connecticut	853.1	238.0	27.9	266.5	31.2	215.0	25.2	133.6	15.7
Delaware	292.5	65.5	22.4	62.1	21.2	51.6	17.6	113.2	38.7
District of Columbia	168.2	25.8	15.3	34.2	20.3	104.0	61.8	4.2	2.5
Florida	4,134.8	1,385.6	33.5	1,192.6	28.8	958.4	23.2	598.2	14.5
Georgia	2,880.6	859.5	29.8	642.0	22.3	502.9	17.5	876.2	30.4
Hawaii	282.2	132.0	46.8	34.9	12.4	38.6	13.7	76.7	27.2
Idaho	501.0	121.5	24.3	104.8	20.9	94.5	18.9	180.2	36.0
Illinois	3,870.2	939.4	24.3	928.2	24.0	829.1	21.4	1,173.4	30.3
Indiana	2,801.7	604.4	21.6	504.0	18.0	397.4	14.2	1,295.9	46.3
Iowa	1,150.7	270.1	23.5	229.3	19.9	179.0	15.6	472.3	41.0
Kansas	1,043.7	251.6	24.1	215.4	20.6	192.0	18.4	384.8	36.9
Kentucky	1,879.5	448.5	23.9	339.0	18.0	246.1	13.1	845.9	45.0
Louisiana	3,499.5	753.4	21.5	347.8	9.9	263.5	7.5	2,134.8	61.0
Maine	490.7	107.2	21.8	110.9	22.6	73.8	15.0	198.8	40.5
Maryland	1,420.4	405.2	28.5	391.0	27.5	372.3	26.2	251.8	17.7
Massachusetts	1,548.8	447.3	28.9	460.7	29.7	379.4	24.5	261.4	16.9
Michigan	3,120.0	804.0	25.8	789.5	25.3	598.2	19.2	928.3	29.8
Minnesota	1,744.5	502.1	28.8	380.7	21.8	335.6	19.2	526.1	30.2
Mississippi	1,172.6	348.5	29.7	234.1	20.0	162.8	13.9	427.3	36.4
Missouri	1,815.0	555.8	30.6	495.9	27.3	389.1	21.4	374.3	20.6
Montana	365.6	107.6	29.4	69.8	19.1	59.8	16.4	128.4	35.1
Nebraska	627.1	162.6	25.9	152.3	24.3	129.8	20.7	182.4	29.1
Nevada	629.4	205.3	32.6	147.1	23.4	107.9	17.1	169.1	26.9
New Hampshire	322.2	101.9	31.6	86.7	26.9	65.3	20.3	68.3	21.2
New Jersey	2,500.4	882.3	35.3	572.8	22.9	554.3	22.2	490.9	19.6
New Mexico	679.2	230.1	33.9	107.1	15.8	122.4	18.0	219.5	32.3
New York	4,134.6	969.9	23.5	1,194.3	28.9	1,303.2	31.5	667.4	16.1
North Carolina	2,590.5	693.6	26.8	640.6	24.7	513.1	19.8	743.2	28.7
North Dakota	406.9	88.0	21.6	61.0	15.0	55.5	13.6	202.5	49.8
Ohio	3,982.3	979.2	24.6	892.0	22.4	682.2	17.1	1,428.9	35.9
Oklahoma	1,539.5	465.6	30.2	297.8	19.3	232.5	15.1	543.5	35.3
Oregon	1,064.3	306.7	28.8	251.7	23.6	207.6	19.5	298.3	28.0
Pennsylvania	3,922.5	997.0	25.4	930.9	23.7	709.0	18.1	1,285.6	32.8
Rhode Island	227.3	65.8	28.9	72.6	31.9	63.2	27.8	25.8	11.4
South Carolina	1,548.8	382.7	24.7	321.7	20.8	235.4	15.2	609.1	39.3
South Dakota	248.0	83.2	33.5	60.3	24.3	50.3	20.3	54.2	21.9
Tennessee	2,195.4	580.6	26.4	500.0	22.8	369.2	16.8	745.5	34.0
Texas	12,028.8	2,676.5	22.3	1,569.9	13.1	1,356.0	11.3	6,426.3	53.4
Utah	725.4	213.0	29.4	139.6	19.2	140.1	19.3	232.6	32.1
Vermont	163.6	51.9	31.7	47.8	29.2	32.7	20.0	31.2	19.1
Virginia	2,314.6	684.9	29.6	548.9	23.7	533.8	23.1	547.0	23.6
Washington	2,033.9	599.9	29.5	471.2	23.2	376.8	18.5	586.0	28.8
West Virginia	761.7	183.0	24.0	156.6	20.6	110.6	14.5	311.4	40.9
Wisconsin	1,863.4	421.5	22.6	400.8	21.5	312.6	16.8	728.5	39.1
Wyoming	439.1	110.9	25.3	39.3	9.0	50.8	11.6	238.1	54.2
United States	96,275.3	26,271.5	27.3	20,240.5	21.0	17,332.4	18.0	32,430.9	33.7

<sup>1</sup> U.S. total energy and U.S. industrial sector include 29.3 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.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *State Energy Data 2001 Consumption*, Washington, DC: 2004, available at [http://www.eia.doe.gov/emeu/states/\\_multi\\_states.html](http://www.eia.doe.gov/emeu/states/_multi_states.html) as of Dec. 16, 2005.

**Table 7-3: Transportation Energy Consumption per Capita: 2001**

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	4,466.4	425.3	95.2	446.0	99.9
Alaska	632.7	200.4	316.8	205.5	324.8
Arizona	5,297.7	452.5	85.4	475.8	89.8
Arkansas	2,692.0	268.9	99.9	277.8	103.2
California	34,533.1	2,949.9	85.4	2,971.0	86.0
Colorado	4,428.8	375.9	84.9	386.2	87.2
Connecticut	3,432.6	234.8	68.4	238.0	69.3
Delaware	795.6	65.4	82.2	65.5	82.3
District of Columbia	572.7	23.5	41.0	25.8	45.0
Florida	16,355.2	1,377.4	84.2	1,385.6	84.7
Georgia	8,394.8	850.2	101.3	859.5	102.4
Hawaii	1,225.0	132.0	107.8	132.0	107.8
Idaho	1,321.3	114.8	86.9	121.5	92.0
Illinois	12,517.2	922.9	73.7	939.4	75.0
Indiana	6,126.5	596.7	97.4	604.4	98.7
Iowa	2,932.2	261.0	89.0	270.1	92.1
Kansas	2,700.5	225.8	83.6	251.6	93.2
Kentucky	4,067.3	433.0	106.5	448.5	110.3
Louisiana	4,466.0	704.1	157.7	753.4	168.7
Maine	1,284.7	105.8	82.4	107.2	83.4
Maryland	5,383.4	400.2	74.3	405.2	75.3
Massachusetts	6,399.9	441.1	68.9	447.3	69.9
Michigan	10,005.2	780.9	78.0	804.0	80.4
Minnesota	4,985.2	482.8	96.8	502.1	100.7
Mississippi	2,857.7	317.6	111.1	348.5	122.0
Missouri	5,636.2	553.5	98.2	555.8	98.6
Montana	906.0	99.9	110.3	107.6	118.8
Nebraska	1,719.0	159.5	92.8	162.6	94.6
Nevada	2,094.6	203.9	97.3	205.3	98.0
New Hampshire	1,259.0	101.9	80.9	101.9	80.9
New Jersey	8,504.1	875.5	103.0	882.3	103.7
New Mexico	1,829.1	185.7	101.5	230.1	125.8
New York	19,074.8	934.3	49.0	969.9	50.8
North Carolina	8,195.2	686.7	83.8	693.6	84.6
North Dakota	636.3	74.0	116.3	88.0	138.3
Ohio	11,385.8	962.0	84.5	979.2	86.0
Oklahoma	3,467.2	440.7	127.1	465.6	134.3
Oregon	3,472.6	294.9	84.9	306.7	88.3
Pennsylvania	12,298.4	957.1	77.8	997.0	81.1
Rhode Island	1,059.0	65.5	61.9	65.8	62.1
South Carolina	4,059.8	379.6	93.5	382.7	94.3
South Dakota	758.2	77.4	102.1	83.2	109.7
Tennessee	5,745.8	566.3	98.6	580.6	101.0
Texas	21,340.6	2,603.7	122.0	2,676.5	125.4
Utah	2,279.6	207.5	91.0	213.0	93.4
Vermont	612.9	51.9	84.7	51.9	84.7
Virginia	7,192.7	675.7	93.9	684.9	95.2
Washington	5,992.8	590.1	98.5	599.9	100.1
West Virginia	1,801.6	150.5	83.5	183.0	101.6
Wisconsin	5,405.1	418.4	77.4	421.5	78.0
Wyoming	493.7	97.0	196.5	110.9	224.6
United States	285,093.8	25,556.2	89.6	26,271.5	92.2

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

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

**SOURCES:** U.S. Department of Commerce, U.S. Census Bureau, *National Population Estimates*, available at [www.census.gov/popest/national/files/2003\\_nat\\_st\\_dataset.csv](http://www.census.gov/popest/national/files/2003_nat_st_dataset.csv) as of Nov. 17, 2005; U.S. Department of Energy, Energy Information Administration, *State Energy Data 2001 Consumption*, Washington, DC: 2004, available at [http://www.eia.doe.gov/emeu/states/\\_multi\\_states.html](http://www.eia.doe.gov/emeu/states/_multi_states.html) as of Dec. 16, 2005.

**Table 7-4: Motor-Fuel Use: 2004<sup>1</sup>**  
**(Millions of gallons)**

State	Gasoline				Special fuel (mainly diesel)	Total use		
	Highway use		Nonhighway use			Private and commercial	Public use	Combined total
	Private and commercial	Public use	Private and commercial	Public use				
Alabama	2,507	38	82	2	791	3,380	40	3,420
Alaska	274	6	23	0	210	507	6	513
Arizona	2,653	38	73	2	781	3,507	40	3,547
Arkansas	1,366	26	76	1	602	2,045	28	2,072
California	15,356	223	332	10	2,909	18,597	234	18,830
Colorado	2,043	38	72	2	508	2,623	39	2,663
Connecticut	1,775	22	54	1	286	2,115	23	2,138
Delaware	406	6	17	0	66	489	6	495
District of Columbia	130	9	13	0	24	167	9	176
Florida	8,156	100	286	5	1,576	10,018	104	10,122
Georgia	4,899	60	152	3	1,462	6,514	63	6,576
Hawaii	434	11	11	1	44	489	11	500
Idaho	580	15	41	1	239	861	16	877
Illinois	5,075	93	136	5	1,401	6,612	98	6,710
Indiana	3,123	50	91	2	1,250	4,464	53	4,517
Iowa	1,512	31	127	2	574	2,213	32	2,245
Kansas	1,253	29	67	1	415	1,735	30	1,765
Kentucky	2,189	37	112	2	857	3,158	39	3,197
Louisiana	2,164	37	157	2	662	2,982	39	3,021
Maine	691	10	19	1	175	885	11	896
Maryland	2,593	31	68	1	541	3,202	33	3,234
Massachusetts	2,786	39	63	2	425	3,274	40	3,314
Michigan	4,789	69	171	3	979	5,939	73	6,012
Minnesota	2,598	46	98	2	664	3,361	48	3,408
Mississippi	1,536	43	82	1	600	2,219	44	2,263
Missouri	3,079	49	133	2	1,041	4,252	51	4,304
Montana	462	13	31	1	224	717	13	730
Nebraska	793	19	70	1	404	1,268	20	1,288
Nevada	1,055	16	33	1	332	1,421	17	1,437
New Hampshire	689	10	26	0	112	827	10	837
New Jersey	4,243	54	93	3	899	5,234	57	5,291
New Mexico	925	20	42	1	467	1,433	21	1,454
New York	5,540	112	162	5	1,416	7,117	117	7,234
North Carolina	4,178	101	180	3	1,101	5,459	104	5,563
North Dakota	321	9	36	0	157	514	10	524
Ohio	5,036	85	159	4	1,589	6,784	89	6,873
Oklahoma	1,785	35	105	2	639	2,529	36	2,565
Oregon	1,469	30	62	1	525	2,056	31	2,087
Pennsylvania	5,076	80	110	4	1,453	6,640	84	6,723
Rhode Island	368	9	9	0	58	435	9	444
South Carolina	2,500	30	81	1	710	3,291	31	3,322
South Dakota	390	11	40	0	176	606	11	617
Tennessee	2,954	54	79	2	991	4,024	56	4,081
Texas	11,188	158	325	8	3,480	14,993	165	15,158
Utah	990	22	37	1	368	1,395	23	1,418
Vermont	337	6	13	0	62	412	6	419
Virginia	3,849	55	109	3	1,117	5,075	57	5,133
Washington	2,594	43	89	2	629	3,312	45	3,357
West Virginia	820	17	23	1	295	1,138	18	1,156
Wisconsin	2,435	46	110	2	729	3,273	48	3,321
Wyoming	294	8	46	0	339	679	8	688
United States	134,259	2,197	4,626	100	37,354	176,240	2,297	178,536

<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.

**NOTE:** 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 2004*, Washington, DC: forthcoming, table MF-21.

**Table 7-5: Alternative-Fueled Vehicles in Use by Fuel Type: 2002  
(Number of vehicles)**

State	Fuel Type					Total
	Liquefied petroleum gases	Natural gas	Methanol	Ethanol	Electricity	
Alabama	4,289	1,341	0	2,713	636	8,979
Alaska	145	401	0	720	11	1,277
Arizona	1,082	7,243	201	1,583	1,662	11,771
Arkansas	2,199	340	0	300	0	2,839
California	21,537	24,990	4,787	9,517	10,670	71,501
Colorado	5,611	2,694	3	3,491	126	11,925
Connecticut	379	2,762	1	1,849	156	5,147
Delaware	85	489	10	783	11	1,378
District of Columbia	7	1,462	50	1,408	316	3,243
Florida	4,171	4,152	6	7,856	357	16,542
Georgia	4,418	4,484	39	2,076	4,550	15,567
Hawaii	842	0	0	1,467	204	2,513
Idaho	1,581	3,412	0	240	0	5,233
Illinois	5,259	3,120	17	6,916	89	15,401
Indiana	1,426	3,397	0	1,670	91	6,584
Iowa	2,179	18	27	1,903	12	4,139
Kansas	3,565	748	1	1,649	22	5,985
Kentucky	2,214	1,191	0	2,313	0	5,718
Louisiana	1,117	896	3	1,309	0	3,325
Maine	158	77	0	134	21	390
Maryland	2,570	3,634	7	2,901	45	9,157
Massachusetts	249	1,006	36	1,331	78	2,700
Michigan	4,822	991	48	4,840	1,606	12,307
Minnesota	2,162	509	0	3,361	0	6,032
Mississippi	1,193	140	0	543	0	1,876
Missouri	2,642	476	95	3,878	11	7,102
Montana	2,980	268	0	309	0	3,557
Nebraska	4,338	370	0	1,095	11	5,814
Nevada	1,487	3,111	0	973	0	5,571
New Hampshire	718	42	0	169	167	1,096
New Jersey	358	2,723	4	2,681	190	5,956
New Mexico	6,069	1,969	11	2,140	435	10,624
New York	6,213	13,100	88	3,723	9,299	32,423
North Carolina	4,560	559	0	4,539	112	9,770
North Dakota	1,310	155	0	354	0	1,819
Ohio	2,487	2,647	26	4,537	242	9,939
Oklahoma	17,839	3,322	0	1,122	0	22,283
Oregon	3,084	1,034	20	1,528	212	5,878
Pennsylvania	1,107	2,299	108	4,008	89	7,611
Rhode Island	122	331	0	391	0	844
South Carolina	3,047	362	0	4,051	0	7,460
South Dakota	1,374	44	0	384	0	1,802
Tennessee	2,623	763	0	3,068	200	6,654
Texas	39,279	9,961	162	6,706	82	56,190
Utah	3,227	1,961	8	1,966	0	7,162
Vermont	366	5	0	199	178	748
Virginia	927	4,735	7	3,740	1,086	10,495
Washington	4,397	1,925	73	2,760	11	9,166
West Virginia	39	378	0	595	0	1,012
Wisconsin	1,459	1,207	35	3,075	37	5,813
Wyoming	2,368	303	0	87	22	2,780
United States, total	187,680	123,547	5,873	120,951	33,047	471,098

**NOTES:** "Natural gas" includes compressed natural gas (CNG) and liquefied natural gas (LNG). "Methanol" includes M85 and M100. "Ethanol" includes E85 and E95. This table does not include data on gasoline-electric hybrids. Components may not add to totals due to rounding.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels, *DOE/GSA Federal Automotive Statistical Tool (FAST)*, available at [http://www.eia.doe.gov/cneaf/alternate/page/datatables/afvtable4\\_03.xls](http://www.eia.doe.gov/cneaf/alternate/page/datatables/afvtable4_03.xls) as of Dec. 16, 2005.

**Table 7-6: Top 15 States for New Registrations of Gasoline-Electric Hybrid Automobiles: 2004**

State	Rank	Registrations
California	1	25,021
Virginia	2	5,613
Washington	3	3,441
Florida	4	3,272
Maryland	5	3,238
New York	6	3,123
Texas	7	2,922
Illinois	8	2,707
Massachusetts	9	2,590
Pennsylvania	10	2,308
Oregon	11	2,282
New Jersey	12	2,053
Ohio	13	1,763
North Carolina	14	1,715
Arizona	15	1,672
Top 15, total		63,720
United States, total		83,153
Top 15 as % of U.S. total		76.6

**SOURCE:** Based on R. L. Polk & Co., *Hybrid Vehicle Registrations Increase 81 Percent in 2004*, press release 4/25/05, available at [http://www.polk.com/News/LatestNews/news\\_042505.htm](http://www.polk.com/News/LatestNews/news_042505.htm) as of Sept. 19, 2005.

**Table 7-7: Air Pollution in the 50 Largest Metropolitan Areas: 1999–2003  
(Number of days with AQI values greater than 100)**

Metropolitan area	AQI days > 100				
	1999	2000	2001	2002	2003
Atlanta, GA	66	30	14	30	11
Austin-San Marcos, TX	8	6	0	5	3
Baltimore, MD	40	16	26	39	10
Boston, MA-NH	8	1	12	13	3
Buffalo-Niagara Falls, NY	8	5	13	21	7
Chicago, IL	14	1	16	20	4
Cincinnati, OH-KY-IN	26	9	6	26	7
Cleveland-Lorain-Elyria, OH	20	4	17	29	6
Columbus, OH	21	6	7	19	5
Dallas, TX	25	22	16	15	12
Denver, CO	3	2	2	7	17
Detroit, MI	14	3	16	21	7
Fort Lauderdale, FL	1	1	2	1	0
Honolulu, HI	2	2	2	2	U
Houston, TX	51	43	28	23	30
Indianapolis, IN	24	4	8	23	11
Jacksonville, FL	2	0	0	0	0
Kansas City, MO-KS	3	10	4	7	10
Las Vegas, NV-AZ	0	0	1	2	2
Los Angeles-Long Beach, CA	19	45	37	35	61
Louisville, KY-IN	44	10	10	26	7
Memphis, TN-AR-MS	35	24	13	16	9
Miami, FL	5	0	1	0	1
Milwaukee-Waukesha, WI	17	4	12	12	8
Minneapolis-St. Paul, MN-WI	0	0	2	1	1
New Orleans, LA	18	17	5	2	8
New York, NY	25	11	16	30	7
Norfolk-VA Beach-Newport News, VA-NC	16	5	6	15	4
Oklahoma City, OK	4	6	2	2	2
Orlando, FL	4	3	3	1	0
Philadelphia, PA-NJ	32	17	27	33	13
Phoenix-Mesa, AZ	10	9	6	6	7
Pittsburgh, PA	23	4	19	28	7
Portland-Vancouver, OR-WA	0	0	0	1	0
Providence-Fall River-Warwick, RI-MA	2	2	10	9	4
Richmond-Petersburg, VA	21	5	12	21	3
Riverside-San Bernardino, CA	96	98	92	96	102
Sacramento, CA	40	31	35	39	36
St. Louis, MO-IL	29	16	14	32	11
Salt Lake City-Ogden, UT	4	7	4	7	3
San Antonio, TX	9	0	0	17	4
San Diego, CA	16	14	17	13	6
San Francisco, CA	0	0	0	0	0
San Jose, CA	3	1	3	6	6
Seattle-Bellevue-Everett, WA	0	0	0	0	0
Tampa-St. Petersburg-Clearwater, FL	9	6	4	0	4
Tucson, AZ	1	0	0	1	1
Tulsa, OK	13	10	4	5	7
Washington, DC-MD-VA-WV	39	11	22	34	8
West Palm Beach-Boca Raton, FL	1	0	1	0	0

**KEY:** AQI = Air Quality Index; U = data are not available.

**NOTES:** The Air Quality Index (AQI) integrates information on 5 major pollutants (particulate matter less than 10 microns in diameter, sulfur dioxide, carbon monoxide, ozone, and nitrogen dioxide, and for 2000-2003 particulate matter less than 2.5 microns in diameter is also included as a sixth major pollutant) 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.

**SOURCES:**

**All data except Honolulu:** U.S. Environmental Protection Agency, Office of Air and Radiation, Air Trends, Factbook and Related Information, available at <http://www.epa.gov/airtrends/> as of Dec. 16, 2005.

**Honolulu:** U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, *National Air Quality and Emissions Trends Report, 2002* (Research Triangle Park, NC: 2003), table A-17. Available at <http://www.epa.gov/airtrends/> as of Dec. 16, 2005.



# Section H



## 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 (CPN) 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 2002, 50,000 domestic establishments were randomly selected from a universe of approximately 750,000 engaged in mining, manufacturing, wholesale, warehouses of multi-establishment companies, and some selected activities in retail and service. The survey excluded establishments classified as farms, forestry, fisheries, governments, construction, transportation, foreign establishments, services, and most establishments in retail. For the 2002 CFS, each selected establishment reported on average about 25 outbound shipments for a one-week period in each of four calendar quarters in 2002. 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 2002 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. Route-distance for each mode, for each shipment, is imputed from a Mode-Distance Table developed by Oak Ridge National Laboratory. Distance was used to compute ton-mileage by mode of transport. The 2002 CFS provides nationwide geographic coverage and in-state and selected substate 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, *2002 Commodity Flow Survey* (Washington, DC: 2004).

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

## Commuting data

Commuting data are derived from the decennial census "long form" administered to approximately 1 in 6 households (about 19 million) in 2000.

### Additional information:

Contact: USDOC, U.S. Census Bureau

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

## Gas and hazardous liquid pipeline data

U.S. 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. 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 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 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://ops.dot.gov>

### **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, municipalities, 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 October 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

Print source: USDOT, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, *Hazmat Summary by State for Calendar Year 2004* (Washington, DC: 2005).

Internet: <http://hazmat.dot.gov>

### **Highway mileage, condition, and use, driver licenses, 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 representativeness 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 50 states, metropolitan planning organizations (MPOs), and lower jurisdictions. Many of the geometric data items rarely change, such as number of lanes; others change frequently, such as traffic. USDOT, Federal Highway Administration (FHWA) provides guidelines for data collection in the HPMS *Field Manual*, which the states follow to varying extents depending on matters 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 and individuals within the responsible organizations. Most do a reasonably good job, but staff turnover, cost, equipment issues, etc. can create difficulties.

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, FHWA, Office of Highway Policy Information

Print source: USDOT, FHWA, *Highway Statistics* (Washington, DC: Annual issues).

Internet: <http://www.fhwa.dot.gov/policy/ohpi>

### **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 trafficway. 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. A NHTSA study of injuries from motor vehicle crashes estimated the total count of nonfatal injuries at over 5 million compared with the GES's estimate of 3.2 million in 1998.

### **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.dot.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 Immigration and Naturalization Service's (INS) 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 Immigration and Naturalization Service data.

### **Additional information:**

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

Print source: USDOC, International Trade Administration, Tourism Industries Office, *Overseas Visitors to Select U.S. States and Territories* (Washington, DC: Annual issues); and USDOC, International Trade Administration, Tourism Industries Office, *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 Service 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-specific data include commerce, employment, and financial contributions.

The primary source of data for Class I railroads is Schedule 700 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. 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 (\$6,700 in 2004); 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 vehicles 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 4) complete loss of the vessel.

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 over 90 percent of fatal accidents 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 Dataset is extracted from the Census 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). Users should also be aware that the use of foreign trade data to describe physical transportation flows might not be direct. For example, this dataset provides surface transportation information for individual Customs districts and ports on the northern and southern borders. However, because of filing procedures for trade documents, these ports may or may not reflect 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.

Approximately 600 agencies submit data to the NTD. Of that total, about 70 transit agencies receive exemptions from detailed reporting because they operate 9 or fewer vehicles. Thus, about 530 individual reporters are included in the NTD accounting for 90 to 95 percent of transit passenger-miles.

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 \$7,500.

### 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.fta.dot.gov>

## 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 Manufacturers, 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

Print source: USDOC, U.S. Census Bureau, [State]: *County Business Patterns 2003* (Washington, DC: 2005).

Internet: <http://www.census.gov/epcd/cbp/view/cbpview.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.iwr.usace.army.mil/ndc/>

# 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/arp/">http://www.faa.gov/arp/</a>	1-11, 1-12, 3-9	4th quarter 2006
Air Traffic Statistics	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov">http://www.bts.gov</a>	3-8, 4-6, 4-7	3rd quarter 2006
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 2006
Border Crossing Data	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international/border_crossing_entry_data/">http://www.bts.gov/programs/international/border_crossing_entry_data/</a>	3-12, 3-13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22, 3-23, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-19, 4-20	2nd quarter 2006
Census 2000	U.S. Census Bureau	<a href="http://www.census.gov">http://www.census.gov</a>	4-1	2012
Commodity Flow Survey	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/cfs/">http://www.bts.gov/cfs/</a>	3-1, 3-2, 3-3	Not determined
County Business Patterns	U.S. Census Bureau	<a href="http://www.census.gov/epcd/cbp/view/cbpview.html">http://www.census.gov/epcd/cbp/view/cbpview.html</a>	6-1, 6-2, 6-3, 6-4, 6-5, 6-6	2nd quarter 2006
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 2006
Government Transportation Financial Statistics	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov">http://www.bts.gov</a>	6-8, 6-9	4th quarter 2006
Hazmat Summary by State	U.S. DOT, PHMSA, Office of Hazardous Material Safety	<a href="http://hazmat.dot.gov/">http://hazmat.dot.gov/</a>	2-19, 2-20	1st quarter 2006
Highway Statistics	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm">http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm</a>	1-1, 1-2, 1-4, 4-2, 5-1, 5-2, 5-3, 5-4, 6-12, 7-4	4th quarter 2006
Maximum Posted Speed Limits for Passenger Vehicles	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.hwysafety.org/laws/state_laws/speed_limit_laws.html">http://www.hwysafety.org/laws/state_laws/speed_limit_laws.html</a>	2-9	3rd quarter 2006
Motorcycle and Bicycle Helmet Laws	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.hwysafety.org/laws/state_laws/helmet_current.html">http://www.hwysafety.org/laws/state_laws/helmet_current.html</a>	2-5	3rd quarter 2006
National Bridge Inventory: Deficient Bridges by State and Highway System	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/bridge/britab.htm">http://www.fhwa.dot.gov/bridge/britab.htm</a>	1-5, 1-6, 1-7	1st quarter 2006
National Transit Database	U.S. DOT, Federal Transit Administration	<a href="http://www.ntdprogram.com">http://www.ntdprogram.com</a>	1-8, 2-16, 4-3, 4-4	1st quarter 2006

(continues)

KEY: PHMSA = Pipeline and Hazardous Materials Safety Administration; RITA = Research and Innovative Technology Administration; U.S. DOT = U.S. Department of Transportation.

**Data Sources and Availability (continued)**

<b>Publication/database</b>	<b>Source</b>	<b>Website</b>	<b>Tables</b>	<b>Update Available (Approx.)</b>
<i>Overseas Visitors to Selected U.S. States and Territories and Overseas Visitors to Select U.S. Cities/Hawaiian Islands</i>	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 2006
<i>Petroleum Marketing Annual</i>	U.S. DOE, Energy Information Agency	<a href="http://www.eia.doe.gov">http://www.eia.doe.gov</a>	6-11	3rd quarter 2006
Pipeline Statistics	U.S. DOT, PHMSA, Office of Pipeline Safety	<a href="http://ops.dot.gov">http://ops.dot.gov</a>	2-21, 2-22, 2-23	1st quarter 2006
Maritime Statistics	U.S. DOT, MARAD, Office of Statistical and Economic Analysis	<a href="http://www.marad.dot.gov/Marad_Statistics/index.html">http://www.marad.dot.gov/Marad_Statistics/index.html</a>	3-6, 3-7, 3-24	1st quarter 2006
<i>Public Transportation Fact Book</i>	American Public Transportation Association	<a href="http://www.apta.com/research/stats/factbook/index.cfm">http://www.apta.com/research/stats/factbook/index.cfm</a>	1-9	1st quarter 2006
<i>Railroad Safety Statistics Annual Report</i>	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	3rd quarter 2006
<i>Railroads and States</i>	Association of American Railroads	<a href="http://www.aar.org/AboutTheIndustry/StateInformation.asp">http://www.aar.org/AboutTheIndustry/StateInformation.asp</a>	1-13, 1-14, 3-4, 6-7	1st quarter 2006
<i>Safety Belt Use</i>	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/RNotes/2004/809813.pdf">http://www-nrd.nhtsa.dot.gov/pdf/nrd-30/NCSA/RNotes/2004/809813.pdf</a>	2-6	4th quarter 2006
<i>State Energy Consumption Data</i>	U.S. Dept. of Energy, Energy Information Administration	<a href="http://www.eia.doe.gov/emeu/states/_use_multistate.html">http://www.eia.doe.gov/emeu/states/_use_multistate.html</a>	7-1, 7-2, 7-3	1st quarter 2006
<i>Toll Facilities in the United States: Bridges-Roads-Tunnels-Ferries</i>	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	3rd quarter 2007
<i>Traffic Safety Facts</i>	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/">http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/</a>	2-1, 2-2, 2-3, 2-4, 2-7, 2-8	4th quarter 2006
Transborder Surface Freight Data	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/transborder/reports.html">http://www.bts.gov/transborder/reports.html</a>	3-10, 3-11, 3-24	1st quarter 2006
<i>Urban Mobility Study</i>	Texas Transportation Institute	<a href="http://mobility.tamu.edu/">http://mobility.tamu.edu/</a>	5-5	3rd quarter 2006
<i>U.S. Civil Airmen Statistics</i>	U.S. DOT, Federal Aviation Administration	<a href="http://api.hq.faa.gov/pubs.asp">http://api.hq.faa.gov/pubs.asp</a>	5-8	3rd quarter 2006
<i>Waterborne Commerce in the United States</i>	U.S. Army Corps of Engineers, Navigation Data Center	<a href="http://www.iwr.usace.army.mil/ndc/wcsc.htm">http://www.iwr.usace.army.mil/ndc/wcsc.htm</a>	1-15, 1-16, 3-5	1st quarter 2006

**KEY:** 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.

**Appendix 2: State Departments of Transportation Contact Information**

State	Agency	Website address	Telephone
Alabama	Alabama State Department of Transportation	www.dot.state.al.us	(334) 242-6358
Alaska	Alaska Department of Transportation and Public Facilities	www.dot.state.ak.us	(907) 465-3900
Arizona	Arizona Department of Transportation	www.dot.state.az.us	(602) 712-7355
Arkansas	Arkansas State Highway and Transportation Department	www.ahtd.state.ar.us	(501) 569-2000
California	California Department of Transportation	www.dot.ca.gov	(916) 654-5266
Colorado	Colorado Department of Transportation	www.dot.state.co.us	(303) 757-9201
Connecticut	Connecticut Department of Transportation	www.ct.gov/dot	(860) 594-2000
Delaware	Delaware Department of Transportation	www.deldot.net	(302) 760-2080
District of Columbia	District Department of Transportation	www.ddot.dc.gov	(202) 673-6813
Florida	Florida Department of Transportation	www.dot.state.fl.us	(850) 414-4100
Georgia	Georgia Department of Transportation	www.dot.state.ga.us	(404) 656-5267
Hawaii	Hawaii Department of Transportation	www.state.hi.us/dot	(808) 587-2150
Idaho	Idaho Transportation Department	www.itd.idaho.gov	(208) 334-8000
Illinois	Illinois Department of Transportation	www.dot.state.il.us	(217) 782-7820
Indiana	Indiana Department of Transportation	www.in.gov/dot	(317) 232-5533
Iowa	Iowa Department of Transportation	www.dot.state.ia.us	(515) 239-1101
Kansas	Kansas Department of Transportation	www.ksdot.org	(785) 296-3566
Kentucky	Kentucky Transportation Cabinet	www.kytc.state.ky.us	(502) 564-4890
Louisiana	Louisiana Department of Transportation and Development	www.dotd.state.la.us	(225) 379-1100
Maine	Maine Department of Transportation	www.maine.gov/mdot-stage	(207) 624-3000
Maryland	Maryland Department of Transportation	www.mdot.state.md.us	(410) 865-1142
Massachusetts	MA <sup>1</sup> Executive Office of Transportation	www.state.ma.us/eotc	(617) 973-7000
Michigan	Michigan Department of Transportation	www.michigan.gov/mdot	(517) 373-2090
Minnesota	Minnesota Department of Transportation	www.dot.state.mn.us	(651) 296-3000
Mississippi	Mississippi Department of Transportation	www.mdot.state.ms.us	(601) 359-7001
Missouri	Missouri Department of Transportation	www.modot.state.mo.us	(573) 751-2551
Montana	Montana Department of Transportation	www.mdt.mt.gov	(406) 444-6200
Nebraska	Nebraska Department of Roads	www.dor.state.ne.us	(402) 471-4567
Nevada	Nevada Department of Transportation	www.nevadadot.com	(775) 888-7000
New Hampshire	New Hampshire Department of Transportation	www.state.nh.us/dot	(603) 271-3734
New Jersey	New Jersey Department of Transportation	www.state.nj.us/transportation	(609) 530-3536
New Mexico	New Mexico Department of Transportation	www.nmshtd.state.nm.us	(505) 827-5100
New York	New York State Department of Transportation	www.dot.state.ny.us	(518) 457-6195
North Carolina	North Carolina Department of Transportation	www.ncdot.org	(919) 733-2520
North Dakota	North Dakota Department of Transportation	www.state.nd.us/dot	(701) 328-2500
Ohio	Ohio Department of Transportation	www.dot.state.oh.us	(614) 466-7170
Oklahoma	Oklahoma Department of Transportation	www.okladot.state.ok.us	(405) 522-8000
Oregon	Oregon Department of Transportation	www.oregon.gov/odot	(503) 986-4366
Pennsylvania	Pennsylvania Department of Transportation	www.dot.state.pa.us	(717) 787-2838
Rhode Island	Rhode Island Department of Transportation	www.dot.state.ri.us	(401) 222-2481
South Carolina	South Carolina Department of Transportation	www.dot.state.sc.us	(803) 737-2314
South Dakota	South Dakota Department of Transportation	www.sddot.com	(605) 773-3265
Tennessee	Tennessee Department of Transportation	www.tdot.state.tn.us	(615) 741-2848
Texas	Texas Department of Transportation	www.dot.state.tx.us	(512) 463-8585
Utah	Utah Department of Transportation	www.sr.ex.state.ut.us	(801) 965-4000
Vermont	Vermont Agency of Transportation	www.aot.state.vt.us	(802) 828-2657
Virginia	Virginia Department of Transportation	www.virginiadot.org	(804) 786-2801
Washington	Washington State Department of Transportation	www.wsdot.wa.gov	(360) 705-7000
West Virginia	West Virginia Department of Transportation	www.wvdot.com	(304) 558-3456
Wisconsin	Wisconsin Department of Transportation	www.dot.state.wi.us	(608) 266-2211
Wyoming	Wyoming Department of Transportation	www.wyroad.info	(307) 772-0824
United States	U.S. Department of Transportation	www.dot.gov	(202) 366-4000

<sup>1</sup> MA = Massachusetts.



# 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 2003, a Class I Railroad is a railroad with operating revenues of at least \$277.7 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 service

**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.

