

STATE  
TRANSPORTATION  
STATISTICS

\* \* \*

2009





# Acknowledgments

## U.S. Department of Transportation

Ray LaHood  
Secretary

John D. Porcari  
*Deputy Secretary*

## Research and Innovative Technology Administration

Peter H. Appel  
Administrator

Robert L. Bertini, Ph.D.  
*Deputy Administrator*

## Bureau of Transportation Statistics

Steven D. Dillingham, Ph.D.  
*Director*

Steven K. Smith, Ph.D.  
*Deputy Director*

Deborah D. Johnson  
*Assistant Director for  
Transportation Analysis*

## Project Manager

Long X. Nguyen

## Data Collection and Production—MacroSys

David Chesser, Ph.D.  
Adam Mengesha  
Getachew Mekonnen  
Hilary Ross  
Michael Spencer  
Lei Tang

## Contributors

Steven Anderson  
Steve Beningo  
Casey Linsey  
William Moore

**STS is a web-only report; however print copies of other BTS products may be obtained via the following contacts:**

Internet: [www.w.tts.gov](http://www.w.tts.gov)

Mail: Product Orders  
Research and Innovative Technology Administration  
Bureau of Transportation Statistics  
U.S. Department of Transportation  
ATTN: Product Orders  
1200 New Jersey Avenue, SE, Room E36-109  
Washington, DC 20590

**Your comments on *State Transportation Statistics* reports are welcome.**

### Contact the RITA/BTS Information Service:

E-mail: [answers@bts.gov](mailto:answers@bts.gov)  
Phone: 800/853-1351

## **State Transportation Statistics 2009**

The Bureau of Transportation Statistics (BTS), a part of DOT's Research and Innovative Technology Administration (RITA), presents *State Transportation Statistics 2009*, a statistical profile of transportation in the 50 states and the District of Columbia. This is the seventh annual edition of the *State Transportation Statistics*, and a companion document to the *National Transportation Statistics (NTS)*, which is updated quarterly on the BTS website.

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

Included in this *State Transportation Statistics 2009* report is a brief description of the data sources used and a glossary of terms. Also contained in this publication is a summary table that displays the approximate timing of future data releases and contact information for each state's department of transportation.

# United States Fast Facts

Data are for 2008 unless otherwise noted.

## Transportation System Extent

All public roads: 4.04 million miles  
Interstate: 46,751 miles  
Road bridges: 603,307<sup>1</sup>  
Class I railroad trackage: 118,859 miles  
Inland waterways: 29,620 miles  
Public use airports: 5,178<sup>1</sup>

## Vehicles and Conveyances

Automobiles registered: 137.1 million  
Light trucks registered: 101.2 million  
Heavy trucks registered: 9.0 million  
Buses registered: 0.8 million  
Motorcycles registered: 7.8 million  
Rail transit systems: 22 commuter rail, 15 heavy rail (subway), 28 light rail  
Recreational boats registered: 12.7 million

## Geographic

Land area: 3.5 million sq. miles  
Percent of land area owned by federal government: 28.8<sup>2</sup>  
Persons per square mile: 86.0  
Highest point: Mt. McKinley, AK  
(20,320 ft.)  
Lowest point: Death Valley, CA (-282 ft.)

## Government Subdivisions

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

## Demographic

Population: 304.5 million  
Percent urban population: 79.0<sup>4</sup>

## Socioeconomic

Gross domestic product: \$13.0 trillion in chained (2005) dollars (\$14.3 trillion in current dollars)<sup>1</sup>  
Civilian labor force: 154.1 million<sup>1</sup>  
Median household income: \$52,029

## Commuting (percent of workers)

Car, truck, or van—drove alone: 75.5  
Car, truck, or van—carpooled: 10.7  
Public transportation: 5.0  
Taxicab, motorcycle, bicycled or other means: 1.8  
Worked at home: 4.1  
Walked: 2.8

<sup>1</sup>2009  
<sup>2</sup>2004  
<sup>3</sup>2007  
<sup>4</sup>2000

## Sources

### Transportation System Extent

**All public roads, Interstate:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table HM-20; available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of May 2010.

**Road bridges:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Highway Bridge by Owner* (Washington, DC: 2009), available at <http://www.fhwa.dot.gov/bridge/britab.cfm> as of May 2010.

**Class I railroad trackage:** Association of American Railroads, *Railroad Facts* (Washington, DC: Annual Issues).

**Inland waterways:** U.S. Army Corps of Engineers, Navigation Data Center, *National Waterway Network*, personal communication, April 2010.

**Public use airports:** U.S. Department of Transportation, Federal Aviation Administration, *Administrator's Fact Book* (Washington, DC: 2010), 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 May 2010.

### Vehicles and Conveyances

**Automobiles, light trucks, heavy trucks, buses, motorcycles:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), tables MV-1 and VM-1, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of May 2010.

**Rail transit systems:** U.S. Department of Transportation, Federal Transit Agency, *National Transit Database* (Washington, DC), table 21, available at <http://www.ntdprogram.gov/ntdprogram/data.htm> as of May 2010.

**Recreational boats:** U.S. Department of Homeland Security, U.S. Coast Guard, *Boating Statistics 2008* (Washington, DC: 2008), table 36, available at [http://www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of May 2010.

### Geographic

U.S. Department of Commerce, U.S. Census Bureau, *2010 Statistical Abstract of the United States* (Washington, DC: 2010), available at <http://www.census.gov/compendia/statab/> as of May 2010.

### Government Subdivisions

U.S. Department of Commerce, U.S. Census Bureau, *Statistical Abstract of the United States* (Washington, DC: Annual issues), table 416, available at <http://www.census.gov/compendia/statab/> as of May 2010.

### Demographic

**Population, Percent urban population:** U.S. Department of Commerce, U.S. Census Bureau, *Statistical Abstract of the United States* (Washington, DC: Annual issues), available at <http://www.census.gov/compendia/statab/> as of May 2010.

### Socioeconomic

**Gross domestic product:** U.S. Department of Commerce, Bureau of Economic Analysis, *National Income and Product Account Tables*, available at <http://www.bea.gov/national/nipaweb/SelectTable.asp?Selected=N> as of May 2010.

**Civilian labor force:** U.S. Department of Labor, Bureau of Labor Statistics, *Labor Force Statistics from the Current Population Survey*, available at <ftp://ftp.bls.gov/pub/suppl/empsit.cpseea1.txt> as of May 2010.

**Median household income:** U.S. Census Bureau, *2008 American Community Survey*, available at <http://factfinder.census.gov> as of May 2010.

### Commuting

U.S. Census Bureau, *2008 American Community Survey*, available at <http://factfinder.census.gov> as of May 2010.

# Table of Contents

<b>TABLE</b>	<b>PAGE</b>
<b>A Infrastructure</b>	
1-1 Public Road Length, Miles by Functional System: 2008 .....	A-1
1-2 Public Road Length, Miles by Ownership: 2008.....	A-2
1-3 Toll Roads, Toll Bridges and Tunnels, and Toll Ferries: 2008 .....	A-3
1-4 Road Condition: 2008.....	A-4
1-5 Number of Road Bridges by Functional System: 2009 .....	A-5
1-6 Number of Road Bridges by Owner: 2009 .....	A-6
1-7 Road Bridge Condition: 2009.....	A-7
1-8 Motor Bus Transit Route Mileage: 2008.....	A-8
1-9 Characteristics of Rail Transit by Transit Authority: 2008 .....	A-9
1-10 Civil and Joint-Use Airports, Heliports, STOLports, and Seaplane Bases: 2008 .....	A-10
1-11 Top 50 Commercial Service Airport Enplanements by Air Carrier Category: 2008.....	A-11
1-12 Airport Enplanements by State and Air Carrier Category: 2008.....	A-12
1-13 Number of Freight Railroads by Class: 2008 .....	A-13
1-14 Miles of Freight Railroad Operated by Class of Railroad: 2008 .....	A-14
1-15 Top 50 Water Ports by Tonnage: 2007 and 2008 .....	A-15
1-16 Inland Waterway Mileage: 2008 .....	A-16
<b>B Safety</b>	
2-1 Highway Traffic Fatalities and Fatality Rates: 2008 .....	B-1
2-2 Passenger Car and Light Truck Occupants Killed and Restraint Use: 2008 .....	B-2
2-3 Large Truck Involvement in Fatal Crashes: 2008 .....	B-3
2-4 Key Provisions of Safety Belt Use Laws: 2008.....	B-4
2-5 Helmet Use Laws: 2010 .....	B-6
2-6 Safety Belt Use: 2000, 2005-2008.....	B-7
2-7 Pedestrian Fatalities Involving Motor Vehicles: 2007 .....	B-8
2-8 Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration: 2006 and 2007.....	B-9
2-9 Maximum Posted Speed Limits by Type of Road: 2008.....	B-10
2-10 Rail Accidents/Incidents: 2008.....	B-11
2-11 Highway-Rail Grade Crossing Incidents: 2008.....	B-12
2-12 Highway-Rail Grade Crossings by Type: 2008.....	B-13
2-13 Warning Devices at Public Highway-Rail Grade Crossings: 2008 .....	B-14
2-14 Train Accident/Incident Fatalities by Category of Person Killed: 2008.....	B-15

2-15 Train Accident/Incident Injuries by Category of Person Injured: 2008 .....	B-16
---	------

<b>TABLE</b>	<b>PAGE</b>
2-16 Transit Incidents, Fatalities, Injuries, and Property Damage: 2008.....	B-17
2-17 Recreational Boating Accidents: 2008 .....	B-18
2-18 Alcohol Involvement in Recreational Boating Accidents: 2008 .....	B-19
2-19 Hazardous Materials Incidents: 2008 and 2009.....	B-20
2-20 Hazardous Materials Incidents by Mode: 2008 and 2009 .....	B-21
2-21 Natural Gas Distribution Pipeline Incidents: 2008 and 2009 .....	B-22
2-22 Natural Gas Transmission Pipeline Incidents: 2008 and 2009 .....	B-23
2-23 Hazardous Liquid Pipeline Incidents: 2008 and 2009 .....	B-24

## C Freight Transportation

3-1 Freight Shipments by State of Origin: 2007 .....	C-1
3-2 Hazardous Material Shipments by Selected State of Origin: 2007 .....	C-2
3-3 Hazardous Material Shipments by Selected State of Destination: 2007.....	C-3
3-4 Rail Shipments: 2008.....	C-4
3-5 Waterborne Shipments: 2007 and 2008.....	C-5
3-6 Top 50 U.S. Ports by Port Calls and Vessel Type: 2008 .....	C-6
3-7 Top 30 U.S. Containership Ports: 2008.....	C-7
3-8 Scheduled and Nonscheduled Air Freight and Mail Enplaned: 2008.....	C-8
3-9 Top 50 All-Cargo Airports by Landed Weight: 2003-2008 .....	C-9
3-10 U.S. Surface Merchandise Trade with Canada and Mexico: 2009 .....	C-10
3-11 U.S. Surface Merchandise Imports from Canada and Mexico: 2009 .....	C-11
3-12 Incoming Truck Crossings, U.S.-Canadian Border: 2002-2009.....	C-12
3-13 Incoming Truck Container (Loaded) Crossings, U.S.-Canadian Border: 2002-2009 .....	C-12
3-14 Incoming Truck Container (Unloaded) Crossings, U.S.-Canadian Border: 2002-2009 .....	C-12
3-15 Incoming Train Crossings, U.S.-Canadian Border: 2002-2009.....	C-13
3-16 Incoming Rail Container (Full) Crossings, U.S.-Canadian Border: 2002-2009.....	C-13
3-17 Incoming Rail Container (Empty) Crossings, U.S.-Canadian Border: 2002-2009...	C-13
3-18 Incoming Truck Crossings, U.S.-Mexican Border: 2002-2009.....	C-14
3-19 Incoming Truck Container (Loaded) Crossings, U.S.-Mexican Border: 2002-2009 .....	C-14
3-20 Incoming Truck Container (Unloaded) Crossings, U.S.-Mexican Border: 2002-2009 .....	C-14
3-21 Incoming Train Crossings, U.S.-Mexican Border: 2002-2009.....	C-15
3-22 Incoming Rail Container (Full) Crossings, U.S.-Mexican Border: 2002-2009.....	C-15
3-23 Incoming Rail Container (Empty) Crossings, U.S.-Mexican Border: 2002-2009....	C-15
3-24 Top 50 U.S. Foreign Trade Freight Gateways: 2008.....	C-16



**TABLE****PAGE****D Passenger Travel**

4-1 Commuting to Work: 2008.....	D-1
4-2 Licensed Drivers: 2008.....	D-2
4-3 Transit Ridership in the 50 Largest Urbanized Areas: 2007 and 2008.....	D-3
4-4 Urban Transit Ridership by State and Transit Mode: 2008.....	D-4
4-5 Top 50 Amtrak Stations by Number of Boardings: Fiscal Years 2008 and 2009.....	D-5
4-6 Top 50 Airports by Passengers Enplaned on Large U.S. Carriers: 1999, 2008, and 2009.....	D-6
4-7 Major Airports by On-Time Departure Performance: 2008 and 2009.....	D-7
4-8 Top 15 Cruise Ship Ports by Port of Departure: 2008 and 2009.....	D-8
4-9 Incoming Personal Vehicle Crossings, U.S.-Canadian Border: 2002-2009.....	D-9
4-10 Incoming Passengers in Personal Vehicles, U.S.-Canadian Border: 2002-2009.....	D-9
4-11 Incoming Train Passengers, U.S.-Canadian Border: 2002-2009.....	D-9
4-12 Incoming Bus Crossings, U.S.-Canadian Border: 2002-2009.....	D-10
4-13 Incoming Passengers on Buses, U.S.-Canadian Border: 2002-2009.....	D-10
4-14 Incoming Pedestrians, U.S.-Canadian Border: 2002-2009.....	D-10
4-15 Incoming Personal Vehicle Crossings, U.S.-Mexican Border: 2002-2009.....	D-11
4-16 Incoming Passengers in Personal Vehicles, U.S.-Mexican Border: 2002-2009.....	D-11
4-17 Incoming Train Passengers, U.S.-Mexican Border: 2002-2009.....	D-11
4-18 Incoming Bus Crossings, U.S.-Mexican Border: 2002-2009.....	D-12
4-19 Incoming Passengers on Buses, U.S.-Mexican Border: 2002-2009.....	D-12
4-20 Incoming Pedestrians, U.S.-Mexican Border: 2002-2009.....	D-12
4-21 Overseas Visitors to the United States by Destination State and Territory: 2000, 2004, and 2008.....	D-13
4-22 Overseas Visitors to the United States by Destination City: 2000, 2005, and 2009.....	D-14

**E Registered Vehicles and Vehicle-Miles Traveled**

5-1 Motor Vehicle Registrations: 2008.....	E-1
5-2 Trailer and Semi-Trailer Registrations: 2008.....	E-2
5-3 Highway Vehicle-Miles Traveled (VMT): 2003 and 2008.....	E-3
5-4 Highway, Demographic, and Geographic Characteristics of the 30 Largest Urbanized Areas: 2008.....	E-4
5-5 Highway Congestion in the 50 Largest Urban Areas: 2007.....	E-5
5-6 Recreational Boat Registrations by Propulsion Type: 2008.....	E-6
5-7 General Aviation and Air Taxi Aircraft and Hours Flown: 2008.....	E-7
5-8 Active Aviation Pilots and Flight Instructors: 2008.....	E-8

## F Economy and Finance

6-1 Transportation and Warehousing Establishments and Employment: 2007 .....	F-1
--	-----

<b>TABLE</b>	<b>PAGE</b>
6-2 Air Transportation Establishments and Employment: 2007 .....	F-2
6-3 Water Transportation Establishments and Employment: 2007 .....	F-3
6-4 Truck Transportation Establishments and Employment: 2007 .....	F-4
6-5 Transit and Ground Passenger Transportation Establishments and Employment: 2007 .....	F-5
6-6 Pipeline Transportation Establishments and Employment: 2007 .....	F-6
6-7 Freight Railroad Employment and Wages: 2008 .....	F-7
6-8 Transportation Expenditures by State Governments: 2007 .....	F-8
6-9 Transportation Revenues Collected by State Governments: 2007 .....	F-9
6-10 Federal and State Funding of Public Transit: 1995, 2000, and 2007 .....	F-10
6-11 Average Motor Gasoline Prices, All Grades: 2006-2008 .....	F-11
6-12 State Motor-Fuel Tax Rates: 2008 .....	F-12

## G Energy and Environment

7-1 Transportation Energy Consumption by Energy Source: 2007 .....	G-1
7-2 Energy Consumption by End-Use Sector: 2007 .....	G-2
7-3 Transportation Energy Consumption per Capita: 2007 .....	G-3
7-4 Motor-Fuel Use: 2008 .....	G-4
7-5 Alternative-Fueled Vehicles in Use by Fuel Type: 2007 .....	G-5
7-6 Top 15 States for New Registrations of Gasoline-Electric Hybrid Automobile Registrations: 2007 .....	G-6
7-7 Air Pollution in the 50 Largest Metropolitan Areas: 2001-2008 .....	G-7

## H Information on Data Sources

Data Sources .....	H-1
--------------------	-----

## I Appendices and Glossary

Appendix 1 .....	I-1
Appendix 2 .....	I-3
Glossary .....	I-4

Section A

\* \* \*

Infrastructure



**Table 1-1: Public Road Length, Miles by Functional System: 2008**

State	Interstate	Other principal and minor arterials <sup>1</sup>	Major and minor collectors	Local	Total
Alabama	905	9,262	20,571	66,587	97,325
Alaska	1,082	1,518	2,807	9,922	15,329
Arizona	1,168	5,906	8,132	45,234	60,440
Arkansas	656	7,198	20,648	71,312	99,814
California	2,460	28,904	32,158	108,989	172,511
Colorado	953	9,230	16,263	61,819	88,265
Connecticut	346	2,995	3,201	14,821	21,363
Delaware	41	675	1,046	4,520	6,282
District of Columbia	13	286	156	1,051	1,506
Florida	1,471	13,491	14,289	92,136	121,387
Georgia	1,242	14,159	22,881	83,591	121,873
Hawaii	55	787	838	2,685	4,365
Idaho	612	4,197	10,458	32,523	47,790
Illinois	2,182	14,693	21,719	100,897	139,491
Indiana <sup>2</sup>	1,171	8,453	22,518	63,471	95,613
Iowa	781	9,748	31,558	72,136	114,223
Kansas	874	9,710	33,541	96,486	140,611
Kentucky	762	5,934	16,114	55,938	78,748
Louisiana	906	5,588	10,042	44,559	61,095
Maine	366	2,197	5,937	14,328	22,828
Maryland	481	4,084	5,053	21,768	31,386
Massachusetts	573	6,479	4,834	24,219	36,105
Michigan	1,243	15,006	24,444	80,974	121,667
Minnesota	918	13,612	30,489	93,223	138,242
Mississippi	698	7,589	15,537	51,063	74,887
Missouri	1,181	10,618	24,953	92,966	129,718
Montana	1,192	6,036	16,223	50,722	74,173
Nebraska	481	8,125	20,751	64,258	93,615
Nevada	571	3,151	4,995	25,190	33,907
New Hampshire	225	1,589	2,741	11,450	16,005
New Jersey	431	6,163	4,152	28,007	38,753
New Mexico	1,000	5,116	8,535	53,733	68,384
New York	1,705	14,641	20,685	77,440	114,471
North Carolina	1,125	9,882	17,620	76,477	105,104
North Dakota	571	5,913	11,810	68,548	86,842
Ohio	1,574	11,441	22,637	87,321	122,973
Oklahoma	933	8,391	25,301	78,698	113,323
Oregon	729	7,084	17,669	33,770	59,252
Pennsylvania	1,792	13,820	19,824	86,335	121,771
Rhode Island	72	924	882	4,525	6,403
South Carolina	843	7,230	15,088	43,094	66,255
South Dakota	679	6,406	19,015	56,047	82,147
Tennessee	1,105	9,215	17,873	63,982	92,175
Texas	3,234	33,014	65,392	204,764	306,404
Utah	936	3,701	7,857	32,212	44,706
Vermont	320	1,322	3,113	9,666	14,421
Virginia	1,119	8,624	14,069	50,090	73,902
Washington	764	8,133	16,762	57,867	83,526
West Virginia	554	3,484	8,610	25,804	38,452
Wisconsin	743	12,720	21,703	79,678	114,844
Wyoming	913	3,593	11,190	12,410	28,106
United States, total	46,751	412,037	794,684	2,789,306	4,042,778
U.S. total (incl. Puerto Rico)	47,016	413,789	796,412	2,802,135	4,059,352

<sup>1</sup> Includes other freeways and expressways.

<sup>2</sup> Excludes 788 miles of Federal agency owned roads.

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008*, Washington, DC: 2009, table HM-20, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Mar. 31, 2010.

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

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

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

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

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

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table HM-10, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 1, 2010.

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

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

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

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

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Highway Policy Information, *Toll Facilities in the United States: Bridges-Roads-Tunnels-Ferries*, (Washington, DC: August 2009), available at <http://www.fhwa.dot.gov/ohim/tollpage.htm> as of Apr. 1, 2010.

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

State	Very good	Good	Fair	Mediocre	Poor	Not reported
Alabama	2,898	9,324	9,437	1,552	728	98
Alaska	94	698	1,458	779	300	457
Arizona	4,380	2,956	3,717	893	370	414
Arkansas	568	4,559	11,122	4,243	1,014	22
California	1,871	7,820	22,881	11,929	10,221	245
Colorado	1,858	5,132	7,433	1,535	418	184
Connecticut	1,963	736	2,568	621	253	0
Delaware	17	671	608	136	100	2
District of Columbia	0	0	18	71	364	0
Florida	6,160	10,340	8,167	786	367	49
Georgia	14,501	7,782	5,818	1,707	706	87
Hawaii	14	71	754	335	382	0
Idaho	569	3,137	2,458	2,969	375	110
Illinois	7,628	9,265	12,067	4,302	1,561	0
Indiana	3,558	8,933	7,563	1,522	979	2
Iowa	2,456	7,064	10,944	2,460	1,498	88
Kansas	1,565	10,047	4,871	6,474	1,512	105
Kentucky	976	3,928	8,494	352	123	0
Louisiana	427	4,044	5,195	1,992	1,543	152
Maine	265	2,440	2,294	773	548	0
Maryland	438	1,926	2,669	1,156	1,505	34
Massachusetts	6,020	881	2,663	1,104	430	7
Michigan	9,635	6,148	10,567	2,535	4,748	1
Minnesota	8,321	11,001	10,429	2,095	432	120
Mississippi	414	3,921	13,164	2,942	923	0
Missouri	1,214	4,608	16,460	5,124	2,951	188
Montana	1,573	6,573	3,654	491	342	6
Nebraska	4,236	4,979	5,032	1,089	524	25
Nevada	2,411	1,490	1,741	288	308	23
New Hampshire	326	864	1,496	391	315	17
New Jersey	337	698	4,130	2,200	2,855	96
New Mexico	2,130	2,137	3,312	2,459	690	168
New York	806	7,023	12,055	3,052	3,807	215
North Carolina	1,185	8,578	10,250	1,184	706	0
North Dakota	2,749	4,893	5,077	1,087	184	0
Ohio	7,431	10,652	9,045	1,367	448	30
Oklahoma	711	5,912	13,277	4,217	5,299	4
Oregon	3,032	6,218	6,426	1,199	256	2
Pennsylvania	1,238	5,782	13,790	4,210	3,129	29
Rhode Island	154	307	787	316	191	0
South Carolina	547	5,696	11,977	1,742	978	0
South Dakota	3,716	3,203	5,430	1,657	1,041	22
Tennessee	4,567	6,710	4,989	757	633	1
Texas	3,898	20,016	48,297	7,303	2,748	241
Utah	511	1,988	5,078	588	73	24
Vermont	182	724	1,551	735	667	0
Virginia	2,673	6,620	10,278	1,261	484	48
Washington	4,060	5,279	7,564	1,609	871	1
West Virginia	315	1,989	5,039	1,400	1,662	0
Wisconsin	2,892	6,904	13,215	2,348	2,592	297
Wyoming	601	3,107	3,441	561	104	18
United States, total	130,091	255,774	390,750	103,898	65,258	3,632
U.S. total (incl. Puerto Rico)	130,344	256,154	391,786	104,755	66,191	3,675

**NOTES:** 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.

The road condition rating system is as follows: Urban and rural interstates are rated with IRI only. *Very good* = <60; *Good* = 60-94; *Fair* = 95-119; *Mediocre* = 120-170; *Poor* = 171->220. Interstates have stricter roughness standards than other roads and its roughness classifications are not comparable with the other categories. Rural minor and other principal arterial roads, urban other freeways and expressways, and urban other principal arterial roads also use IRI only. *Very good* = <60; *Good* = 60-94; *Fair* = 95-170; *Mediocre* = 171-220; *Poor* = >220. Rural major collector, urban minor arterial, and urban collector roads use a combination of IRI and PSR, by adding corresponding mileage evaluated under both systems. *Very good* = <60 plus >3.9; *Good* = 60-94 plus 3.5-3.9; *Fair* = 95-170 plus 2.6-3.4; *Mediocre* = 171-220 plus 2.1-2.5; and *Poor* = >220 plus <2.0. For further information, refer to the U.S. Department of Transportation, FHWA, Status of the Nation's Highways, Bridges, and Transit: 2002 Conditions and Performance Report, Exhibit 3-3, available at <http://www.fhwa.dot.gov/policy>, as of April 2010.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008*, Washington, DC: 2009, tables HM-63 and HM-64, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 2, 2010.



**Table 1-5: Number of Road Bridges by Functional System: 2009**

State	Urban					Rural			
	Interstate	Other freeways and expressways	Other arterial	Collector	Local	Interstate	Other arterial	Collector	Local
Alabama	558	103	880	254	925	605	2,716	5,541	4,377
Alaska	28	16	100	22	46	156	200	261	322
Arizona	280	305	820	383	627	1,262	1,612	1,296	908
Arkansas	348	159	708	143	436	458	2,330	4,986	2,992
California	2,517	2,945	4,605	1,138	1,644	1,279	3,033	3,305	3,994
Colorado	530	358	889	345	474	605	1,274	1,776	2,225
Connecticut	732	538	727	448	522	103	235	340	541
Delaware	91	28	190	79	66	0	105	107	196
District of Columbia	63	32	91	15	43	0	0	1	0
Florida	1,092	1,149	2,062	929	1,129	697	1,817	1,396	1,531
Georgia	573	194	1,972	578	1,272	428	2,309	3,830	3,553
Hawaii	196	79	143	71	105	23	251	153	112
Idaho	108	0	319	101	97	284	525	970	1,696
Illinois	1,328	153	2,618	846	1,144	941	2,372	4,555	12,306
Indiana	728	206	1,357	529	794	769	1,397	5,109	7,657
Iowa	252	0	1,042	236	505	390	2,347	7,509	12,518
Kansas	487	320	889	281	435	543	2,661	8,414	11,516
Kentucky	421	125	610	247	408	334	1,552	4,328	5,706
Louisiana	910	195	1,075	243	828	647	2,119	2,836	4,475
Maine	119	22	139	110	82	161	312	714	730
Maryland	685	352	686	273	730	207	397	818	1,032
Massachusetts	849	457	1,648	500	564	81	172	338	429
Michigan	810	315	1,462	463	557	385	1,211	2,587	3,116
Minnesota	437	221	941	279	352	289	1,693	3,253	5,666
Mississippi	293	107	556	249	342	473	2,730	4,742	7,546
Missouri	661	1,073	788	606	1,360	345	2,431	5,014	11,878
Montana	83	0	80	12	6	735	989	990	2,091
Nebraska	118	50	357	90	129	220	2,159	3,578	8,735
Nevada	212	85	263	188	239	307	136	168	151
New Hampshire	103	45	177	51	74	260	324	458	911
New Jersey	954	728	2,030	630	877	102	198	333	633
New Mexico	313	1	482	135	105	573	984	826	471
New York	1,520	1,005	2,670	1,091	1,367	649	1,483	3,259	4,322
North Carolina	599	462	1,357	361	1,270	488	1,827	3,789	7,854
North Dakota	59	0	139	19	30	146	603	893	2,548
Ohio	1,346	769	1,993	1,024	1,418	861	2,294	7,096	11,319
Oklahoma	471	410	1,054	500	582	629	2,537	7,383	10,150
Oregon	245	93	646	232	204	398	1,219	2,080	2,097
Pennsylvania	1,045	755	2,927	1,627	1,475	1,005	2,460	4,125	6,860
Rhode Island	120	107	247	64	60	14	38	50	39
South Carolina	335	75	794	518	537	373	1,256	2,681	2,684
South Dakota	117	6	148	41	55	342	980	1,324	2,907
Tennessee	710	300	1,839	402	970	704	2,689	5,387	6,938
Texas	3,074	3,681	5,996	2,312	4,513	2,351	7,764	11,161	10,290
Utah	388	42	289	74	303	462	330	450	567
Vermont	57	2	89	41	31	256	371	693	1,167
Virginia	1,018	433	1,530	510	823	654	1,526	2,654	4,382
Washington	629	459	827	196	270	314	920	1,986	2,052
West Virginia	242	51	291	112	222	413	736	2,039	2,938
Wisconsin	484	393	1,268	178	487	614	2,192	2,591	5,710
Wyoming	161	5	118	46	38	762	506	525	893
<b>United States, total</b>	<b>29,499</b>	<b>19,409</b>	<b>54,928</b>	<b>19,822</b>	<b>31,572</b>	<b>25,097</b>	<b>74,322</b>	<b>140,698</b>	<b>205,731</b>
U.S. total (incl. Puerto Rico)	29,743	19,512	55,285	19,992	31,773	25,268	74,506	141,053	206,127

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Count, Area, Length of Bridges by Highway System*, available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Apr. 5, 2010

**Table 1-6: Number of Road Bridges by Owner: 2009**

State	Federal	State highway agency	State toll authority	Other state agency	Local highway agency	Local toll authority	Other local agency	Private (including railroad)	Total
Alabama	158	5,717	0	40	10,014	0	0	30	15,959
Alaska	193	789	0	22	141	0	2	4	1,151
Arizona	421	4,594	0	34	2,432	0	1	4	7,494
Arkansas	166	7,161	0	6	5,223	0	0	4	12,560
California	488	12,164	0	150	11,563	8	57	30	24,463
Colorado	240	3,427	0	5	4,683	10	1	110	8,476
Connecticut	7	2,788	0	12	1,241	0	0	4	4,186
Delaware	5	828	0	2	9	18	0	0	862
District of Columbia	35	209	0	0	2	0	0	0	246
Florida	138	5,382	1,163	153	4,860	4	89	14	11,803
Georgia	208	6,588	0	15	7,847	0	1	51	14,710
Hawaii	33	719	0	1	377	0	0	3	1,133
Idaho	462	1,295	0	13	1,678	0	651	1	4,100
Illinois	48	7,691	436	39	17,899	0	23	127	26,263
Indiana	63	5,204	330	60	12,863	1	11	14	18,546
Iowa	42	4,092	0	24	20,497	3	2	85	24,799
Kansas	134	4,910	368	80	20,043	0	0	11	25,546
Kentucky	106	8,853	0	7	4,733	0	0	32	13,731
Louisiana	246	7,867	0	33	5,135	5	35	6	13,327
Maine	27	1,961	162	9	209	0	2	24	2,394
Maryland	103	2,557	253	36	2,218	0	16	1	5,184
Massachusetts	24	2,861	391	212	1,547	1	1	0	5,037
Michigan	81	4,390	4	5	6,399	0	23	4	10,906
Minnesota	84	3,642	0	60	9,264	0	18	63	13,131
Mississippi	459	5,649	0	6	10,896	0	0	28	17,038
Missouri	83	10,197	0	13	13,818	1	19	24	24,156
Montana	681	2,430	0	0	1,875	0	0	0	4,986
Nebraska	26	3,499	0	34	11,730	0	100	47	15,436
Nevada	32	1,012	0	4	677	0	12	12	1,749
New Hampshire	54	1,298	154	5	887	1	1	3	2,403
New Jersey	22	2,378	1,134	207	2,575	33	3	19	6,486
New Mexico	213	2,964	0	2	708	0	0	3	3,890
New York	53	7,447	756	209	8,514	172	112	109	17,372
North Carolina	289	16,953	0	25	739	0	0	1	18,007
North Dakota	59	1,126	0	7	3,232	0	4	9	4,437
Ohio	33	10,365	459	31	17,166	0	2	64	28,120
Oklahoma	110	6,790	771	22	16,019	0	2	2	23,716
Oregon	454	2,681	0	48	3,983	2	35	12	7,215
Pennsylvania	81	14,921	740	242	5,978	41	5	274	22,293
Rhode Island	3	578	3	10	138	0	6	1	739
South Carolina	66	8,356	0	3	809	0	0	19	9,253
South Dakota	108	1,808	0	20	3,984	0	0	0	5,920
Tennessee	367	8,118	0	39	11,404	0	7	4	19,939
Texas	228	32,885	276	41	17,216	383	76	15	51,145
Utah	145	1,740	0	2	1,008	0	8	2	2,905
Vermont	17	1,077	0	0	1,607	0	0	6	2,707
Virginia	322	11,806	12	5	1,233	33	0	119	13,530
Washington	584	3,159	1	15	3,891	1	8	3	7,662
West Virginia	56	6,740	99	28	103	0	10	8	7,044
Wisconsin	117	5,061	0	0	8,719	0	0	18	13,917
Wyoming	270	1,938	0	6	839	0	0	1	3,054
United States, total	8,444	278,665	7,512	2,042	300,625	717	1,343	1,425	601,126
U.S. total (incl. Puerto Rico)	8,452	280,502	7,518	2,042	300,953	717	1,344	1,426	603,307

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Highway Bridge by Owner* (Washington, DC: 2009), available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Apr. 6, 2010.

**Table 1-7: Road Bridge Condition: 2009**

State	All bridges	Structurally deficient	Functionally obsolete	Percent of State Bridges	
				Structurally deficient	Functionally obsolete
Alabama	15,959	1,686	2,105	10.6	13.2
Alaska	1,151	129	146	11.2	12.7
Arizona	7,494	210	669	2.8	8.9
Arkansas	12,560	933	1,877	7.4	14.9
California	24,463	3,228	3,888	13.2	15.9
Colorado	8,476	598	861	7.1	10.2
Connecticut	4,186	378	1,028	9.0	24.6
Delaware	862	37	108	4.3	12.5
District of Columbia	246	20	131	8.1	53.3
Florida	11,803	303	1,620	2.6	13.7
Georgia	14,710	949	1,828	6.5	12.4
Hawaii	1,133	144	349	12.7	30.8
Idaho	4,100	367	420	9.0	10.2
Illinois	26,263	2,373	1,792	9.0	6.8
Indiana	18,546	1,927	2,184	10.4	11.8
Iowa	24,799	5,358	1,320	21.6	5.3
Kansas	25,546	2,901	2,252	11.4	8.8
Kentucky	13,731	1,362	3,064	9.9	22.3
Louisiana	13,327	1,723	2,170	12.9	16.3
Maine	2,394	364	421	15.2	17.6
Maryland	5,184	372	972	7.2	18.8
Massachusetts	5,037	593	1,981	11.8	39.3
Michigan	10,906	1,467	1,265	13.5	11.6
Minnesota	13,131	1,209	392	9.2	3.0
Mississippi	17,038	2,820	1,300	16.6	7.6
Missouri	24,156	4,289	3,016	17.8	12.5
Montana	4,986	402	487	8.1	9.8
Nebraska	15,436	2,878	1,046	18.6	6.8
Nevada	1,749	44	171	2.5	9.8
New Hampshire	2,403	373	382	15.5	15.9
New Jersey	6,486	692	1,603	10.7	24.7
New Mexico	3,890	381	303	9.8	7.8
New York	17,372	2,140	4,341	12.3	25.0
North Carolina	18,007	2,442	2,682	13.6	14.9
North Dakota	4,437	696	237	15.7	5.3
Ohio	28,120	2,796	3,866	9.9	13.7
Oklahoma	23,716	5,286	1,617	22.3	6.8
Oregon	7,215	477	1,188	6.6	16.5
Pennsylvania	22,293	6,060	3,714	27.2	16.7
Rhode Island	739	163	233	22.1	31.5
South Carolina	9,253	1,238	802	13.4	8.7
South Dakota	5,920	1,231	238	20.8	4.0
Tennessee	19,939	1,246	2,686	6.2	13.5
Texas	51,145	1,752	7,682	3.4	15.0
Utah	2,905	169	279	5.8	9.6
Vermont	2,707	437	524	16.1	19.4
Virginia	13,530	1,241	2,242	9.2	16.6
Washington	7,662	406	1,624	5.3	21.2
West Virginia	7,044	1,056	1,529	15.0	21.7
Wisconsin	13,917	1,207	734	8.7	5.3
Wyoming	3,054	401	270	13.1	8.8
United States, total	601,126	70,954	77,639	11.8	12.9
U.S. total (incl. Puerto Rico)	603,307	71,181	78,482	11.8	13.0

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

Explanations for the terms Structurally Deficient and Functionally Obsolete can be found on pages 14 and 15 in Chapter 3 of the Federal Highway Administration, 2006 Conditions and Performance Report; the following is a link to Chapter 3 of the report: <http://www.fhwa.dot.gov/policy/2006cpr/pdfs.htm>.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, *National Bridge Inventory: Deficient Bridges by State and Highway System* (Washington, DC: 2009), available at <http://www.fhwa.dot.gov/bridge/britab.htm> as of Apr. 6, 2010.

**Table 1-8: Motor Bus Transit Route Mileage: 2008**

State	Directional route-miles		
	Exclusive right-of-way	Controlled right-of-way	Mixed right-of-way
Alabama	0.0	0.0	1,598.0
Alaska	0.0	0.0	418.2
Arizona	0.0	188.9	4,279.8
Arkansas	0.0	0.0	518.3
California	323.8	562.3	38,568.9
Colorado	40.9	9.8	5,989.4
Connecticut	52.4	0.0	3,384.0
Delaware	0.0	0.0	1,439.7
District of Columbia	10.4	84.4	2,662.4
Florida	2.5	1.1	11,831.3
Georgia	78.7	0.0	2,275.2
Hawaii	1.2	34.7	890.7
Idaho	0.0	0.0	392.0
Illinois	3.7	0.0	8,014.1
Indiana	0.0	0.0	2,452.1
Iowa	0.0	0.0	1,631.0
Kansas	0.0	0.0	951.2
Kentucky	0.0	0.0	2,368.4
Louisiana	12.5	0.0	1,797.1
Maine	0.0	0.0	304.2
Maryland	14.8	16.2	6,099.6
Massachusetts	4.5	13.5	6,177.9
Michigan	0.0	0.0	5,679.7
Minnesota	174.3	29.2	2,184.4
Mississippi	0.0	0.0	432.3
Missouri	0.0	0.0	576.5
Montana	0.0	0.0	434.6
Nebraska	0.0	0.0	1,067.1
Nevada	10.0	0.0	1,718.0
New Hampshire	0.0	0.0	552.4
New Jersey	0.0	51.9	9,588.8
New Mexico	0.0	0.0	1,088.5
New York	1.3	133.2	15,573.4
North Carolina	0.0	0.0	2,546.9
North Dakota	0.0	0.0	133.0
Ohio	14.2	3.2	7,356.7
Oklahoma	0.0	0.0	1,995.1
Oregon	3.2	0.0	1,406.0
Pennsylvania	66.7	0.0	11,309.5
Rhode Island	1.6	10.8	1,402.1
South Carolina	0.0	0.0	2,350.9
South Dakota	0.0	0.0	239.9
Tennessee	0.0	0.0	3,602.9
Texas	230.6	66.7	12,979.6
Utah	46.0	0.0	2,034.3
Vermont	0.0	0.0	378.0
Virginia	0.0	208.0	3,878.5
Washington	538.3	336.7	7,562.6
West Virginia	0.0	0.0	1,371.9
Wisconsin	23.2	0.0	4,270.8
Wyoming	0.0	0.0	139.0
<b>United States, total</b>	<b>1,654.8</b>	<b>1,750.6</b>	<b>207,896.9</b>
<b>U.S. total (incl. Puerto Rico)</b>	<b>1,683.0</b>	<b>1,750.6</b>	<b>208,230.0</b>

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

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database*, table 24, available at <http://www.ntdprogram.gov> as of Apr. 8, 2010.

**Table 1-9: Characteristics of Rail Transit by Transit Authority: 2008**

Rail transit mode/transit agency	Primary city served	States served	Directional route-miles	Number of crossings	Number of stations <sup>1</sup>	Number of ADA accessible stations <sup>2</sup>
<b>Heavy rail, total</b>	<b>11</b>	<b>17</b>	<b>1,602.8</b>	<b>27</b>	<b>1,025</b>	<b>492</b>
Metropolitan Atlanta Rapid Transit Authority	Atlanta	GA	96.1	0	38	38
Maryland Transit Administration	Baltimore	MD	29.4	0	14	14
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	76.3	0	53	49
Chicago Transit Authority	Chicago	IL, IN	207.8	25	143	86
Greater Cleveland Regional Transit Authority	Cleveland	OH	38.1	0	18	13
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	31.9	0	16	16
Miami-Dade Transit Agency	Miami	FL	45.0	0	22	22
MTA New York City Transit	New York	NY, NJ, CT	493.8	0	468	80
Port Authority Trans-Hudson Corporation	New York	NY, NJ, CT	28.6	2	13	7
Staten Island Rapid Transit Operating Authority	New York	NY, NJ, CT	28.6	0	23	5
Port Authority Transit Corporation	Philadelphia	PA, NJ, DE, MD	31.5	0	13	5
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	74.9	0	75	28
San Francisco Bay Area Rapid Transit District	San Francisco	CA	209.0	0	43	43
Washington Metropolitan Area Transit Authority	Washington	DC, MD, VA	211.8	0	86	86
<b>Light rail, total</b>	<b>26</b>	<b>24</b>	<b>1,397.7</b>	<b>2,608</b>	<b>787</b>	<b>665</b>
Maryland Transit Administration	Baltimore	MD	57.6	52	33	33
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	51.0	65	74	28
Niagara Frontier Transportation Authority	Buffalo	NY	12.4	8	15	15
Charlotte Area Transit System	Charlotte	NC	19.0	21	19	19
Greater Cleveland Regional Transit Authority	Cleveland	OH	30.4	22	34	9
Dallas Area Rapid Transit	Dallas	TX	87.7	98	34	34
Denver Regional Transportation District	Denver	CO	70.0	39	36	36
Metro Transit Authority of Harris County	Houston	TX	14.8	68	16	16
Kenosha Transit	Kenosha	WI	1.9	19	2	1
Central Arkansas Transit Authority	Little Rock	AR	3.4	24	U	U
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	109.7	104	49	49
Memphis Area Transit Authority	Memphis	TN, MS, AR	10.0	62	7	7
Metro Transit	Minneapolis	MN	24.4	45	17	17
New Orleans Regional Transit Authority	New Orleans	LA	33.5	0	9	9
New Jersey Transit Corporation	Newark	NJ	114.3	120	60	54
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	82.4	691	45	2
Port Authority of Allegheny County	Pittsburgh	PA	47.4	44	27	27
Tri-County Metropolitan Transportation District	Portland	OR, WA	95.9	136	30	30
Sacramento Regional Transit District	Sacramento	CA	73.8	129	48	47
Utah Transit Authority	Salt Lake City	UT	39.4	76	28	28
North County Transit District	San Diego	CA	44.0	41	15	15
San Diego Metropolitan Transit System	San Diego	CA	108.4	96	53	53
San Francisco Municipal Railway	San Francisco	CA	83.1	417	9	9
Santa Clara Valley Transportation Authority	San Jose	CA	81.0	168	65	65
Central Puget Sound Regional Transportation Authority	Seattle	WA	3.6	14	6	6
King County Department of Transportation	Seattle	WA	2.7	3	11	11
Bi-State Development Agency	St. Louis	MO, IL	91.1	25	37	37
Hillsborough Area Regional Transit Authority	Tampa	FL	4.8	21	8	8
<b>Commuter rail, total<sup>3</sup></b>	<b>18</b>	<b>21</b>	<b>8,218.8</b>	<b>3,161</b>	<b>1,199</b>	<b>763</b>
Alaska Railroad Corporation	Anchorage	AK	958.0	161	10	10
Maryland Transit Administration	Baltimore	MD	400.4	40	42	24
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	737.5	257	133	95
N. New England Passenger Rail Authority	Boston	MA, ME, NH	230.4	65	10	10
NE Illinois Regional Commuter Rail Corporation	Chicago	IL, WI	980.4	532	239	165
Northern Indiana Commuter Transportation District	Chicago	IL, IN	179.8	117	20	13
Dallas Area Rapid Transit	Dallas	TX	29.0	15	4	4
Fort Worth Transportation Authority	Ft. Worth	TX	43.3	19	5	5
Connecticut Department of Transportation	Hartford	CT	101.2	3	8	8
Southern California Regional Rail Authority	Los Angeles	CA	777.8	435	55	55
South Florida Regional Transportation Authority	Miami	FL	142.2	73	18	18
Regional Transportation Authority	Nashville	TN	62.8	35	6	6
MTA Metro-North Commuter Railroad Co.	New York	NY, NJ, CT	545.7	157	109	42
MTA Long Island Rail Road	New York	NY, NJ, CT	638.2	346	124	100
New Jersey Transit Corporation	New York	NY, NJ, CT	996.8	316	164	70
Pennsylvania Department of Transportation	Philadelphia	PA	144.4	7	12	4
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	446.9	283	154	55
Utah Transit Authority	Salt Lake City	UT	87.7	29	8	8
North County Transit District	San Diego	CA	82.2	34	8	8
Peninsula Corridor Joint Powers Board	San Francisco	CA	153.7	46	32	25
Central Puget Sound Regional Transportation Authority	Seattle	WA	146.9	44	10	10
Altamont Commuter Express	San Jose	CA	172.0	127	10	10
Virginia Railway Express	Washington	DC, VA, MD	161.5	20	18	18
<b>United States, total</b>	<b>35</b>	<b>32</b>	<b>11,219.3</b>	<b>5,796</b>	<b>3,011</b>	<b>1,920</b>

<sup>1</sup> Many light rail lines have numerous stops in the street that do not meet the definition of a station.  
<sup>2</sup> Additional stations may be wheelchair accessible but do not comply with other provisions of the Americans with Disabilities Act.  
<sup>3</sup> Excludes commuter-type services operated independently by Amtrak or another intercity rail provider.

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

**NOTES:** Does not include other transit rail systems including aerial tramway, automated guideway, cable car, inclined plane, and monorail. For definition of Directional route-miles see table 1-8. Heavy rail, Light rail, and Commuter rail are defined in the glossary. For more information on individual transit agencies, see Transit Profile: All Transit Agencies for the 2008 Report Year, available at [http://www.ntdprogram.gov/ntdprogram/pubs/profiles/2008/Transit%20Profiles\\_All%20Transit%20Agencies\\_Complete%20Set.pdf](http://www.ntdprogram.gov/ntdprogram/pubs/profiles/2008/Transit%20Profiles_All%20Transit%20Agencies_Complete%20Set.pdf), as of May 7, 2010. For more information on the footnotes, see the National Transit Database Glossary entries for Passenger Stations, ADA Accessible Stations, and Commuter Rail, available at <http://www.ntdprogram.gov/ntdprogram/Glossary.htm>, as of May 7, 2010.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, tables 21 and 23, available at <http://www.ntdprogram.gov> as of Apr. 9, 2010.

**Table 1-10: Civil and Joint-Use Airports, Heliports, STOLports, and Seaplane Bases: 2008**

State	Seaplane				Total
	Airports	Heliports	STOLports	bases	
Alabama	185	87	0	6	278
Alaska	532	40	1	139	712
Arizona	190	112	1	0	303
Arkansas	218	80	0	0	298
California	514	396	2	10	922
Colorado	254	183	6	0	443
Connecticut	55	86	0	5	146
Delaware	31	9	0	1	41
District of Columbia	2	14	0	0	16
Florida	491	285	13	40	829
Georgia	337	112	4	2	455
Hawaii	30	16	0	0	46
Idaho	217	46	2	5	270
Illinois	536	258	1	6	801
Indiana	476	129	3	20	628
Iowa	204	84	2	0	290
Kansas	352	36	1	0	389
Kentucky	157	62	1	0	220
Louisiana	222	219	0	13	454
Maine	107	15	0	42	164
Maryland	149	71	1	5	226
Massachusetts	77	138	0	18	233
Michigan	378	101	2	6	487
Minnesota	352	56	1	69	478
Mississippi	193	52	1	0	246
Missouri	383	130	2	4	519
Montana	223	31	1	2	257
Nebraska	216	35	0	1	252
Nevada	92	28	1	0	121
New Hampshire	53	80	0	8	141
New Jersey	99	193	0	6	298
New Mexico	145	25	0	1	171
New York	400	179	0	18	597
North Carolina	317	87	4	0	408
North Dakota	269	15	0	0	284
Ohio	502	216	3	2	723
Oklahoma	296	80	0	1	377
Oregon	343	112	1	2	458
Pennsylvania	442	346	4	10	802
Rhode Island	10	18	0	2	30
South Carolina	160	31	0	2	193
South Dakota	145	32	0	0	177
Tennessee	194	103	7	1	305
Texas	1,417	519	8	0	1,944
Utah	93	47	0	0	140
Vermont	59	19	3	4	85
Virginia	281	123	3	4	411
Washington	359	152	2	17	530
West Virginia	72	39	1	10	122
Wisconsin	442	91	0	17	550
Wyoming	91	26	0	0	117
United States, total	13,362	5,444	82	499	19,387
U.S. total (including Puerto Rico)	13,393	5,486	82	503	19,438

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

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, *Administrator's Fact Book Statistics* (Washington, DC: Unpublished annual issues), personal communication, May 13, 2010.

**Table 1-11: Top 50 Commercial Service Airport Enplanements by Air Carrier Category: 2008**  
**(For airports with scheduled service and 2,500 or more passengers enplaned)**

Airport	Rank	Commuter and			Total enplanements
		Large certificated air carriers	small certificated air carriers	Foreign air carriers	
Atlanta, GA (Hartsfield-Jackson Atlanta International)	1	42,969,217	156,633	509,535	43,635,385
Chicago, IL (Chicago O'Hare International)	2	30,795,522	561,571	2,326,125	33,683,218
Los Angeles, CA (Los Angeles International)	3	22,668,820	0	6,186,739	28,855,559
Dallas/Ft. Worth, TX (Dallas/Fort Worth International)	4	26,727,514	63,996	370,603	27,162,113
Denver, CO (Denver International)	5	23,601,344	339,162	347,116	24,287,622
New York, NY (John F. Kennedy International)	6	16,434,332	528,959	6,622,782	23,586,073
Las Vegas, NV (McCarran International)	7	19,905,190	3,158	986,344	20,894,692
Houston, TX (George Bush Intercontinental)	8	18,371,406	1,042,486	636,508	20,050,400
Phoenix, AZ (Phoenix Sky Harbor International)	9	19,209,992	14,546	224,162	19,448,700
San Francisco, CA (San Francisco International)	10	15,759,556	0	2,361,059	18,120,615
Newark, NJ (Newark Liberty International)	11	15,919,428	197,663	1,513,123	17,630,214
Orlando, FL (Orlando International)	12	15,908,210	213,611	1,183,916	17,305,737
Charlotte, NC (Charlotte Douglas International)	13	16,437,922	754,705	87,419	17,280,046
Detroit, MI (Detroit Metropolitan Wayne County)	14	16,695,065	56,636	238,341	16,990,042
Miami, FL (Miami International)	15	13,423,348	154,635	2,799,017	16,377,000
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	16	16,231,383	84,852	46,541	16,362,776
Seattle, WA (Seattle-Tacoma International)	17	15,218,713	1	610,233	15,828,947
Philadelphia, PA (Philadelphia International)	18	14,386,069	880,257	319,021	15,585,347
Boston, MA (General Edward Lawrence Logan International)	19	11,386,556	213,749	1,219,046	12,819,351
New York, NY (La Guardia)	20	10,603,310	569,230	394,638	11,567,178
Washington, DC (Dulles International)	21	8,936,904	1,037,978	1,453,592	11,428,474
Fort Lauderdale, FL (Fort Lauderdale-Hollywood International)	22	10,192,895	195,367	631,267	11,019,529
Baltimore, MD (Baltimore/Washington International Thurgood Marshall)	23	9,906,365	124,629	131,845	10,162,839
Salt Lake City, UT (Salt Lake City International)	24	9,991,375	41	667	9,992,083
Honolulu, HI (Honolulu International)	25	7,575,605	208,455	1,241,482	9,025,542
San Diego, CA (San Diego International)	26	8,935,215	17	70,939	9,006,171
Tampa, FL (Tampa International)	27	8,573,965	117,730	179,572	8,871,267
Washington, DC (Ronald Reagan Washington National)	28	8,458,651	147,409	98,341	8,704,401
Chicago, IL (Chicago Midway)	29	8,010,148	4,230	2,530	8,016,908
Portland, OR (Portland International)	30	6,955,285	3,736	131,169	7,090,190
St. Louis, MO (Lambert-St Louis International)	31	5,491,450	1,230,914	17,377	6,739,741
Cincinnati, OH (Cincinnati/Northern Kentucky International)	32	5,491,200	1,148,920	8,119	6,648,239
Oakland, CA (Oakland International)	33	5,510,085	0	72,832	5,582,917
Cleveland, OH (Cleveland-Hopkins International)	34	4,446,559	925,335	14,868	5,386,762
Kansas City, MO (Kansas City International)	35	5,310,597	65,004	10,537	5,386,138
Memphis, TN (Memphis International)	36	5,367,173	8,654	0	5,375,827
Sacramento, CA (Sacramento International)	37	4,912,623	0	73,843	4,986,466
Raleigh/Durham, NC (Raleigh-Durham International)	38	4,551,073	203,918	36,998	4,791,989
San Jose, CA (Norman Y. Mineta San Jose International)	39	4,712,942	0	65,233	4,778,175
Nashville, TN (Nashville International)	40	4,473,918	148,362	20,806	4,643,086
San Juan, PR (Luis Munoz Marin International)	41	4,467,076	79,113	93,571	4,639,760
Santa Ana, CA (John Wayne-Orange County)	42	4,462,497	0	0	4,462,497
Austin, TX (Austin-Bergstrom International)	43	4,237,414	19,473	42,005	4,298,892
Pittsburgh, PA (Pittsburgh International)	44	3,972,251	304,622	21,315	4,298,188
Houston, TX (William P. Hobby)	45	4,224,140	9	369	4,224,518
Indianapolis, IN (Indianapolis International)	46	3,800,106	240,986	13,829	4,054,921
Dallas, TX (Love Field)	47	4,029,774	13	216	4,030,003
San Antonio, TX (San Antonio International)	48	3,935,532	16,306	65,180	4,017,018
New Orleans, LA (Louis Armstrong International)	49	3,874,341	107,192	3,465	3,984,998
Milwaukee, WI (General Mitchell Field)	50	3,657,407	181,167	6,680	3,845,254
<b>Top 50 Airports, total</b>		<b>561,117,463</b>	<b>12,355,430</b>	<b>33,490,915</b>	<b>606,963,808</b>
<b>United States, total (including U.S. territories)</b>		<b>677,225,462</b>	<b>21,467,960</b>	<b>35,143,152</b>	<b>733,836,574</b>

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TransStats Database, T-100 Market (All Carriers)*, special tabulation, May 4, 2010.

**Table 1-12: Airport Enplanements by State and Air Carrier Category: 2008**

State	Commuter and			Total enplanements
	Large certificated air carriers	small certificated air carriers	Foreign air carriers	
Alabama	2,678,537	67,777	2	2,746,316
Alaska	3,125,785	1,410,733	76,013	4,612,531
Arizona	21,707,055	88,648	247,077	22,042,780
Arkansas	1,678,578	170,692	0	1,849,270
California	76,693,169	5,483	8,963,734	85,662,386
Colorado	25,647,836	372,523	347,139	26,367,498
Connecticut	2,852,182	158,000	30,057	3,040,239
Delaware	1,824	0	0	1,824
District of Columbia <sup>1</sup>	0	0	0	0
Florida	61,696,939	1,095,823	5,330,171	68,122,933
Georgia	44,221,755	211,206	509,616	44,942,577
Hawaii	13,133,052	610,727	1,384,846	15,128,625
Idaho	1,904,168	275	3	1,904,446
Illinois	40,063,685	620,319	2,328,780	43,012,784
Indiana	4,455,040	424,781	13,835	4,893,656
Iowa	1,494,252	62,533	0	1,556,785
Kansas	764,629	65,920	16	830,565
Kentucky	2,135,262	224,997	0	2,360,259
Louisiana	4,950,035	199,480	3,465	5,152,980
Maine	1,017,428	69,463	451	1,087,342
Maryland	9,909,315	183,458	132,628	10,225,401
Massachusetts	11,441,436	470,171	1,219,836	13,131,443
Michigan	18,961,540	124,158	249,482	19,335,180
Minnesota	16,617,000	84,858	46,550	16,748,408
Mississippi	1,301,483	312	112	1,301,907
Missouri	11,173,425	1,334,992	27,916	12,536,333
Montana	1,504,085	6,971	137	1,511,193
Nebraska	2,281,946	59,550	0	2,341,496
Nevada	22,079,808	63,290	986,344	23,129,442
New Hampshire	1,829,775	38,118	6,847	1,874,740
New Jersey	16,449,141	200,807	1,513,392	18,163,340
New Mexico	3,182,627	34,980	0	3,217,607
New York	35,461,499	1,922,880	7,069,353	44,453,732
North Carolina	22,935,620	1,261,891	124,435	24,321,946
North Dakota	669,301	20,799	0	690,100
Ohio	15,075,866	2,598,524	43,952	17,718,342
Oklahoma	3,342,606	176,681	188	3,519,475
Oregon	7,920,836	4,116	131,169	8,056,121
Pennsylvania	19,544,055	1,559,879	351,913	21,455,847
Rhode Island	2,248,082	107,524	8,126	2,363,732
South Carolina	2,939,990	364,548	124	3,304,662
South Dakota	678,096	7,792	0	685,888
Tennessee	11,002,407	337,995	20,806	11,361,208
Texas	66,327,709	1,532,875	1,114,969	68,975,553
Utah	10,093,246	8,562	667	10,102,475
Vermont	631,592	119,761	44	751,397
Virginia	21,254,875	1,878,786	1,558,493	24,692,154
Washington	17,615,197	107,103	610,436	18,332,736
West Virginia	274,827	88,143	2	362,972
Wisconsin	5,264,616	280,675	6,703	5,551,994
Wyoming	434,291	88,425	0	522,716
United States, total (excl. U.S. territories)	670,667,503	20,928,004	34,459,829	726,055,336
United States, total (incl. U.S. territories)	677,225,462	21,467,960	35,143,152	733,836,574

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TranStats Database, T-100 Market (All Carriers)*, special tabulation, Apr. 30, 2010.



**Table 1-13: Number of Freight Railroads by Class: 2008**

State	Local					Total
	Class I	Regional	Linehaul	Switching and terminal	Canadian <sup>1</sup>	
Alabama	4	1	14	5	0	24
Alaska	0	1	0	0	0	1
Arizona	2	0	5	2	0	9
Arkansas	3	1	16	5	0	25
California	2	2	13	8	0	25
Colorado	2	3	6	3	0	14
Connecticut	1	2	5	0	0	8
Delaware	2	0	1	2	0	5
District of Columbia	2	0	0	1	0	3
Florida	2	2	9	1	0	14
Georgia	2	0	19	1	0	22
Hawaii	0	0	0	0	0	0
Idaho	2	1	6	2	0	11
Illinois	7	5	13	19	0	44
Indiana	5	3	20	13	0	41
Iowa	4	3	6	3	0	16
Kansas	4	5	3	2	0	14
Kentucky	5	1	7	0	0	13
Louisiana	6	0	7	3	0	16
Maine	0	2	4	1	0	7
Maryland	2	1	4	2	0	9
Massachusetts	1	2	5	3	0	11
Michigan	4	2	10	7	1	24
Minnesota	4	4	8	3	1	20
Mississippi	5	1	14	5	0	25
Missouri	5	2	3	7	0	17
Montana	2	2	4	0	0	8
Nebraska	2	2	3	3	0	10
Nevada	2	0	0	0	0	2
New Hampshire	0	1	8	0	0	9
New Jersey	2	1	7	6	1	17
New Mexico	2	0	2	1	0	5
New York	2	4	22	7	2	37
North Carolina	2	0	13	8	0	23
North Dakota	2	3	2	0	0	7
Ohio	4	2	14	16	0	36
Oklahoma	3	1	11	4	0	19
Oregon	2	2	10	4	0	18
Pennsylvania	3	2	28	24	1	58
Rhode Island	0	1	0	0	0	1
South Carolina	2	0	8	4	0	14
South Dakota	2	2	4	2	0	10
Tennessee	6	0	14	5	0	25
Texas	3	2	19	20	0	44
Utah	2	1	2	3	0	8
Vermont	0	2	6	0	0	8
Virginia	2	0	6	2	0	10
Washington	2	1	12	6	0	21
West Virginia	2	1	5	1	0	9
Wisconsin	4	2	3	1	0	10
Wyoming	2	1	0	1	0	4
<b>United States, total</b>	<b>7</b>	<b>33</b>	<b>326</b>	<b>199</b>	<b>2</b>	<b>567</b>

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

**NOTES:** According to the Association of American Railroads, a *Class I* railroad in 2008 is a railroad with operating revenues of at least \$401.4 million. A *Regional* railroad is a non-Class I, line-haul, freight railroad operating 350 or more miles of road or with revenues of at least \$40 million or both. A *Local* railroad is a railroad which is neither a *Class I* nor a *Regional* railroad, and is engaged primarily in line-haul service. A *Switching and terminal* railroad is a non-Class I railroad engaged primarily in switching and/or terminal services for other railroads.

Totals count railroads that operate in multiple states only once.

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

**Table 1-14: Miles of Freight Railroad Operated by Class of Railroad: 2008<sup>1</sup>**

State	Local					Canadian <sup>2</sup>	Total <sup>3</sup>
	Class I	Regional	Linehaul	Switching and terminal			
Alabama	2,671	344	556	142	0	0	3,713
Alaska	0	506	0	0	0	0	506
Arizona	1,237	0	354	145	0	0	1,736
Arkansas	2,540	248	745	114	0	0	3,647
California	5,432	411	538	355	0	0	6,736
Colorado	2,921	157	433	98	0	0	3,609
Connecticut	68	412	222	0	0	0	702
Delaware	247	0	24	11	0	0	282
District of Columbia	33	0	0	5	0	0	38
Florida	1,800	431	749	2	0	0	2,982
Georgia	3,399	0	1,387	18	0	0	4,804
Hawaii	0	0	0	0	0	0	0
Idaho	972	81	468	147	0	0	1,668
Illinois	7,997	868	806	417	0	0	10,088
Indiana	3,532	430	1,187	221	0	0	5,370
Iowa	2,757	1,102	365	46	0	0	4,270
Kansas	3,934	1,825	48	243	0	0	6,050
Kentucky	2,293	290	220	0	0	0	2,803
Louisiana	2,610	0	726	62	0	0	3,398
Maine	0	876	283	2	0	0	1,161
Maryland	829	125	177	18	0	0	1,149
Massachusetts	430	502	197	10	0	0	1,139
Michigan	2,569	440	1,336	238	1	0	4,584
Minnesota	4,020	647	848	157	44	0	5,716
Mississippi	1,941	46	635	155	0	0	2,777
Missouri	4,104	541	119	153	0	0	4,917
Montana	2,052	865	294	0	0	0	3,211
Nebraska	2,597	368	450	15	0	0	3,430
Nevada	1,997	0	0	0	0	0	1,997
New Hampshire	0	172	290	0	0	0	462
New Jersey	1,581	108	197	512	68	0	2,466
New Mexico	1,975	0	94	310	0	0	2,379
New York	2,081	439	1,190	129	803	0	4,642
North Carolina	2,424	0	689	234	0	0	3,347
North Dakota	2,214	1,380	84	0	0	0	3,678
Ohio	4,184	1,186	794	403	0	0	6,567
Oklahoma	2,738	78	978	309	0	0	4,103
Oregon	1,440	746	274	134	0	0	2,594
Pennsylvania	3,556	736	1,537	613	452	0	6,894
Rhode Island	0	138	0	0	0	0	138
South Carolina	2,069	0	250	93	0	0	2,412
South Dakota	931	790	272	24	0	0	2,017
Tennessee	2,168	0	751	63	0	0	2,982
Texas	12,180	1,058	741	1,003	0	0	14,982
Utah	1,695	293	24	46	0	0	2,058
Vermont	0	79	560	0	0	0	639
Virginia	3,127	0	384	63	0	0	3,574
Washington	2,210	15	1,258	210	0	0	3,693
West Virginia	2,129	10	341	6	0	0	2,486
Wisconsin	3,326	761	181	7	0	0	4,275
Wyoming	1,849	7	0	30	0	0	1,886
<b>United States, total</b>	<b>118,859</b>	<b>19,511</b>	<b>24,056</b>	<b>6,963</b>	<b>1,368</b>	<b>0</b>	<b>170,757</b>

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

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

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

**NOTES:** According to the Association of American Railroads, a *Class I* railroad in 2008 is a railroad with operating revenues of at least \$401.4 million. A *Regional* railroad is a non-Class I, line-haul, freight railroad operating 350 or more miles of road or with revenues of at least \$40 million or both. A *Local* railroad is a railroad which is neither a *Class I* nor a *Regional* railroad, and is engaged primarily in line-haul service. A *Switching and terminal* railroad is a non-Class I railroad engaged primarily in switching and/or terminal services for other railroads.

Data in this table include trackage rights.

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

**Table 1-15: Top 50 Water Ports by Tonnage: 2007 and 2008**

Port	Rank	2007			Rank	2008		
		Millions of short tons				Millions of short tons		
		Total	Foreign	Domestic		Total	Foreign	Domestic
Port of South Louisiana, LA	1	229.0	107.5	121.5	1	224.0	111.4	112.6
Houston, TX	2	216.1	145.3	70.7	2	212.2	146.4	65.8
New York/New Jersey, NY and NJ	3	157.2	91.4	65.8	3	153.5	91.1	62.4
Long Beach, CA	4	85.9	70.6	15.4	4	80.2	67.3	12.9
Corpus Christi, TX	6	81.1	58.4	22.7	5	76.8	55.4	21.4
New Orleans, LA	8	76.0	37.8	38.3	6	73.0	36.5	36.5
Beaumont, TX	5	81.4	57.0	24.3	7	69.5	46.8	22.7
Huntington-Tristate, WV, OH, KY	7	76.5	0.0	76.5	8	69.3	0.0	69.3
Mobile, AL	10	64.5	34.8	29.7	9	67.6	38.1	29.5
Port of Plaquemines, LA	12	58.8	24.0	34.8	10	63.7	27.9	35.8
Los Angeles, CA	9	65.5	57.3	8.2	11	59.8	52.9	6.9
Lake Charles, LA	11	64.2	39.7	24.5	12	53.8	31.8	22.0
Texas City, TX	13	56.8	40.5	16.3	13	52.6	38.7	13.9
Baton Rouge, LA	14	54.6	18.5	36.1	14	51.8	15.9	35.9
Duluth-Superior, MN and WI	16	46.5	15.1	31.4	15	45.3	15.0	30.3
Norfolk Harbor, VA	18	39.7	32.1	7.7	16	44.6	36.9	7.7
Baltimore, MD	17	41.3	26.7	14.5	17	43.4	31.0	12.5
Pittsburgh, PA	19	38.1	0.0	38.1	18	41.8	0.0	41.8
Tampa, FL	15	46.9	15.2	31.7	19	39.7	13.4	26.3
Paulsboro, NJ	20	38.0	24.2	13.8	20	36.4	23.9	12.5
Valdez, AK	21	37.8	0.0	37.8	21	36.0	0.0	36.0
Savannah, GA	22	36.5	34.8	1.7	22	35.4	33.6	1.8
Pascagoula, MS	23	35.2	23.4	11.8	23	33.6	24.1	9.5
Philadelphia, PA	24	35.1	21.7	13.5	24	32.3	20.3	12.0
Port Arthur, TX	28	29.3	17.6	11.6	25	31.8	21.7	10.0
Freeport, TX	27	29.6	24.1	5.5	26	29.8	25.7	4.1
St. Louis, MO and IL	25	32.1	0.0	32.1	27	29.5	0.0	29.5
Tacoma, WA	30	26.9	19.3	7.6	28	27.2	20.3	6.9
Portland, OR	26	31.1	18.8	12.3	29	26.7	17.9	8.7
Richmond, CA	31	25.0	13.9	11.1	30	26.4	15.9	10.4
Seattle, WA	29	28.2	21.3	6.8	31	26.2	20.2	5.9
Marcus Hook, PA	32	24.8	13.0	11.8	32	24.7	14.3	10.4
Chicago, IL	33	24.5	3.4	21.1	33	22.7	3.6	19.1
Newport News, VA	43	15.0	10.1	4.9	34	22.6	18.6	4.0
Portland, ME	34	24.3	22.8	1.4	35	22.1	20.8	1.3
Port Everglades, FL	35	24.2	14.3	9.9	36	21.7	11.8	9.8
Jacksonville, FL	38	21.2	13.6	7.6	37	21.0	13.7	7.4
Boston, MA	37	22.4	14.4	8.0	38	21.0	13.2	7.9
Charleston, SC	36	22.6	19.6	3.0	39	20.9	18.3	2.6
Oakland, CA	41	16.9	13.9	3.0	40	17.8	15.1	2.7
Memphis, TN	39	18.8	0.0	18.8	41	16.4	0.0	16.4
Indiana Harbor, IN	42	15.0	0.5	14.5	42	15.4	0.4	15.0
Honolulu, HI	40	17.6	1.2	16.4	43	14.0	1.1	12.9
Cincinnati, OH	47	13.2	0.0	13.2	44	13.4	0.0	13.4
Two Harbors, MN	46	13.7	0.6	13.1	45	13.4	0.0	13.4
Kalama, WA	53	10.4	9.7	0.7	46	12.9	12.5	0.5
Detroit, MI	44	14.9	3.5	11.4	47	12.8	3.3	9.5
Anacortes, WA	45	14.3	3.5	10.9	48	11.5	3.0	8.5
San Juan, PR	50	12.2	5.2	7.0	49	11.0	4.9	6.1
Toledo, OH	49	12.5	8.0	4.5	50	11.0	7.0	3.9
<b>United States, total water ports</b>		<b>2,564.0</b>	<b>1,542.5</b>	<b>1,021.5</b>		<b>2,477.1</b>	<b>1,520.8</b>	<b>956.3</b>

**NOTE:** Top 50 water ports are not additive due to shared tonnage between ports.

**SOURCE:** U.S. Army Corps of Engineers, *Waterborne Commerce of the United States, Calendar Years 2007 and 2008, Part 5 National Summaries* (Alexandria, VA: Annual issues), tables 1.1 and 5.2, available at <http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm> as of Apr. 8, 2010.

**Table 1-16: Inland Waterway Mileage: 2008**

(Includes only the 39 states and the District of Columbia with inland waterways)

<b>State</b>	<b>Miles</b>
Alabama	1,270
Alaska	5,500
Arkansas	1,860
California	290
Connecticut	120
Delaware	100
District of Columbia	10
Florida	1,540
Georgia	720
Idaho	110
Illinois	1,100
Indiana	350
Iowa	490
Kansas	120
Kentucky	1,590
Louisiana	2,820
Maine	70
Maryland	530
Massachusetts	90
Minnesota	260
Mississippi	870
Missouri	1,030
Nebraska	320
New Hampshire	10
New Jersey	360
New York	390
North Carolina	1,150
Ohio	440
Oklahoma	150
Oregon	680
Pennsylvania	260
Rhode Island	40
South Carolina	480
South Dakota	80
Tennessee	950
Texas	830
Virginia	670
Washington	1,060
West Virginia	680
Wisconsin	230
<b>United States, total</b>	<b>29,620</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. Approximately 4,300 miles are counted twice as several waterways are state boundaries.

**SOURCE:** U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *National Waterway Network*, personal communication, May 4, 2010.

# Section B

\* \* \*

# Safety



**Table 2-1: Highway Traffic Fatalities and Fatality Rates: 2008**

State	Traffic fatalities	Licensed drivers (thousands)	Registered vehicles <sup>1</sup> (thousands)	Vehicle-miles traveled (millions)	Population (thousands)	Fatality rate per 100,000 Population
Alabama	966	3,754	4,730	59,303	4,662	21
Alaska	62	503	691	4,865	686	9
Arizona	937	4,316	4,373	61,628	6,500	14
Arkansas	600	2,055	2,041	33,163	2,855	21
California	3,434	23,698	33,483	327,286	36,757	9
Colorado	548	3,606	1,618	47,860	4,939	11
Connecticut	264	2,883	3,094	31,737	3,501	8
Delaware	121	652	868	8,976	873	14
District of Columbia	34	374	224	3,611	592	6
Florida	2,978	14,034	16,462	198,616	18,328	16
Georgia	1,493	6,257	8,570	109,057	9,686	15
Hawaii	107	885	945	10,278	1,288	8
Idaho	232	1,038	1,318	15,251	1,524	15
Illinois	1,043	8,261	9,794	106,079	12,902	8
Indiana	814	5,550	5,848	70,973	6,377	13
Iowa	412	1,990	3,431	30,713	3,003	14
Kansas	385	2,022	2,449	29,727	2,802	14
Kentucky	826	2,933	3,604	47,534	4,269	19
Louisiana	912	2,998	3,979	45,091	4,411	21
Maine	155	1,006	1,074	14,559	1,316	12
Maryland	591	3,787	4,525	55,023	5,634	10
Massachusetts	363	4,674	5,328	54,505	6,498	6
Michigan	980	7,118	7,945	101,825	10,003	10
Minnesota	456	3,190	4,783	57,995	5,220	9
Mississippi	783	1,936	2,035	43,711	2,939	27
Missouri	960	4,197	4,866	68,273	5,912	16
Montana	229	739	927	10,812	967	24
Nebraska	208	1,346	1,757	19,170	1,783	12
Nevada	324	1,679	1,417	20,780	2,600	12
New Hampshire	139	1,031	1,214	13,040	1,316	11
New Jersey	590	5,782	6,247	73,629	8,683	7
New Mexico	366	1,365	1,570	26,279	1,984	18
New York	1,231	11,285	11,089	134,085	19,490	6
North Carolina	1,433	6,457	6,249	101,712	9,222	16
North Dakota	104	473	717	7,820	641	16
Ohio	1,190	7,962	10,933	108,302	11,486	10
Oklahoma	749	2,302	3,292	48,499	3,642	21
Oregon	416	2,856	3,106	33,468	3,790	11
Pennsylvania	1,468	8,646	10,366	107,848	12,448	12
Rhode Island	65	748	794	8,187	1,051	6
South Carolina	920	3,185	3,604	49,597	4,480	21
South Dakota	119	597	907	8,986	804	15
Tennessee	1,035	4,451	5,098	69,469	6,215	17
Texas	3,382	15,374	18,208	235,382	24,327	14
Utah	275	1,687	2,439	25,974	2,736	10
Vermont	73	542	581	7,312	621	12
Virginia	824	5,301	6,526	82,278	7,769	11
Washington	521	4,954	5,980	55,558	6,549	8
West Virginia	380	1,361	1,402	20,774	1,814	21
Wisconsin	605	4,076	4,999	57,462	5,628	11
Wyoming	159	404	664	9,447	533	30
United States, total	37,261	208,321	248,165	2,973,509	304,060	12

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

**SOURCES: All, except Traffic fatalities:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), tables DL-1C, MV-1, and VM-2, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 12, 2010. **Traffic fatalities:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2008 Final Edition* (Washington, DC: 2009), table 106, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 12, 2010.

**Table 2-2: Passenger Car and Light Truck Occupants Killed and Restraint Use: 2008**

State	Restraint used		No restraint used		Restraint use unknown		Total occupants killed
	Fatalities	Percent	Fatalities	Percent	Fatalities	Percent	
Alabama	271	36.1	452	60.2	28	3.7	751
Alaska	19	44.2	21	48.8	3	7.0	43
Arizona	196	33.6	320	54.9	67	11.5	583
Arkansas	142	31.9	265	59.6	38	8.5	445
California	1,170	57.8	702	34.7	151	7.5	2,023
Colorado	186	49.2	173	45.8	19	5.0	378
Connecticut	68	41.7	70	42.9	25	15.3	163
Delaware	40	51.3	29	37.2	9	11.5	78
District of Columbia	5	35.7	5	35.7	4	28.6	14
Florida	684	39.6	1,001	58.0	42	2.4	1,727
Georgia	406	37.3	578	53.1	104	9.6	1,088
Hawaii	25	43.9	27	47.4	5	8.8	57
Idaho	63	36.8	103	60.2	5	2.9	171
Illinois	323	44.7	339	47.0	60	8.3	722
Indiana	264	45.0	264	45.0	59	10.1	587
Iowa	127	40.6	144	46.0	42	13.4	313
Kansas	96	31.8	185	61.3	21	7.0	302
Kentucky	214	35.9	381	63.9	1	0.2	596
Louisiana	212	31.7	396	59.2	61	9.1	669
Maine	51	47.2	45	41.7	12	11.1	108
Maryland	202	55.3	142	38.9	21	5.8	365
Massachusetts	68	30.0	120	52.9	39	17.2	227
Michigan	344	51.4	241	36.0	84	12.6	669
Minnesota	151	48.4	125	40.1	36	11.5	312
Mississippi	220	33.7	432	66.3	0	0.0	652
Missouri	215	28.8	485	64.9	47	6.3	747
Montana	46	27.5	117	70.1	4	2.4	167
Nebraska	69	39.4	91	52.0	15	8.6	175
Nevada	96	49.0	91	46.4	9	4.6	196
New Hampshire	25	25.8	72	74.2	0	0.0	97
New Jersey	160	48.2	165	49.7	7	2.1	332
New Mexico	119	47.6	128	51.2	3	1.2	250
New York	344	50.6	232	34.1	104	15.3	680
North Carolina	497	48.1	478	46.3	58	5.6	1,033
North Dakota	17	23.0	54	73.0	3	4.1	74
Ohio	332	40.7	443	54.3	41	5.0	816
Oklahoma	197	34.6	338	59.4	34	6.0	569
Oregon	167	57.6	91	31.4	32	11.0	290
Pennsylvania	337	33.2	554	54.5	125	12.3	1,016
Rhode Island	11	25.0	29	65.9	4	9.1	44
South Carolina	215	32.7	411	62.5	32	4.9	658
South Dakota	28	30.4	59	64.1	5	5.4	92
Tennessee	262	33.8	457	58.9	57	7.3	776
Texas	1,117	49.7	951	42.3	180	8.0	2,248
Utah	96	53.6	70	39.1	13	7.3	179
Vermont	31	49.2	27	42.9	5	7.9	63
Virginia	223	36.1	374	60.6	20	3.2	617
Washington	198	56.4	126	35.9	27	7.7	351
West Virginia	98	33.2	157	53.2	40	13.6	295
Wisconsin	161	38.1	222	52.5	40	9.5	423
Wyoming	34	28.3	83	69.2	3	2.5	120
United States, total	10,642	42.0	12,865	50.7	1,844	7.3	25,351

**NOTES:** *Fatalities* in this table include passenger car and light truck occupants only. Occupants of other vehicle types - heavy trucks, Percentages may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2008 Final Edition*



Table 2-3: Large Truck Involvement in Fatal Crashes: 2008

State	Total occupant fatalities in all motor vehicle crashes	Total vehicles involved in all fatal motor vehicle crashes	Large trucks			
			Occupant fatalities		Involved in fatal crashes	
			Number	Percent of state total	Number	Percent of state total
Alabama	890	1,289	27	3.0	124	9.6
Alaska	58	91	1	1.7	5	5.5
Arizona	792	1,261	19	2.4	99	7.9
Arkansas	549	784	20	3.6	77	9.8
California	2,672	4,749	40	1.5	304	6.4
Colorado	486	713	10	2.1	58	8.1
Connecticut	222	360	2	0.9	26	7.2
Delaware	94	153	0	0.0	7	4.6
District of Columbia	24	44	0	0.0	2	4.5
Florida	2,348	4,227	34	1.4	269	6.4
Georgia	1,322	2,070	32	2.4	179	8.6
Hawaii	84	140	1	1.2	6	4.3
Idaho	219	304	12	5.5	32	10.5
Illinois	876	1,437	11	1.3	136	9.5
Indiana	734	1,122	12	1.6	128	11.4
Iowa	387	571	9	2.3	69	12.1
Kansas	360	498	7	1.9	57	11.4
Kentucky	751	1,102	22	2.9	98	8.9
Louisiana	790	1,169	26	3.3	104	8.9
Maine	138	204	6	4.3	21	10.3
Maryland	466	817	7	1.5	50	6.1
Massachusetts	275	444	3	1.1	20	4.5
Michigan	836	1,414	8	1.0	90	6.4
Minnesota	411	641	11	2.7	62	9.7
Mississippi	728	985	13	1.8	70	7.1
Missouri	892	1,253	17	1.9	117	9.3
Montana	215	286	5	2.3	27	9.4
Nebraska	202	284	5	2.5	41	14.4
Nevada	258	446	0	0.0	21	4.7
New Hampshire	128	195	1	0.8	12	6.2
New Jersey	431	811	12	2.8	48	5.9
New Mexico	320	446	13	4.1	43	9.6
New York	890	1,703	7	0.8	112	6.6
North Carolina	1,233	1,892	21	1.7	143	7.6
North Dakota	96	137	7	7.3	21	15.3
Ohio	1,068	1,649	19	1.8	133	8.1
Oklahoma	690	1,009	24	3.5	108	10.7
Oregon	350	521	5	1.4	39	7.5
Pennsylvania	1,315	2,030	31	2.4	195	9.6
Rhode Island	51	81	0	0.0	2	2.5
South Carolina	806	1,165	19	2.4	81	7.0
South Dakota	110	148	1	0.9	13	8.8
Tennessee	964	1,383	19	2.0	92	6.7
Texas	2,900	4,619	85	2.9	421	9.1
Utah	237	350	7	3.0	32	9.1
Vermont	72	102	1	1.4	6	5.9
Virginia	734	1,097	17	2.3	71	6.5
Washington	448	710	10	2.2	54	7.6
West Virginia	365	480	5	1.4	46	9.6
Wisconsin	541	857	5	0.9	67	7.8
Wyoming	151	187	8	5.3	28	15.0
United States, total	31,979	50,430	677	2.1	4,066	8.1

**SOURCES:** Total vehicles involved in all fatal motor vehicle crashes and Large trucks involved in fatal crashes: U.S. Department of Transportation, National Highway Traffic Safety Administration, 2008 *Traffic Safety Fact Sheets: Large Trucks* (Washington, DC: 2009), available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 14, 2010; Total occupant fatalities in all motor vehicle crashes and Large truck occupant fatalities : U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2008 Final Edition* (Washington, DC: 2009), table 113, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 14, 2010.

**Table 2-4: Key Provisions of Safety Belt Use Laws: 2008**

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

# Safety

Nebraska	1/1/1993	Secondary	\$25	Front	18 years and older	Emergency vehicles, model year <1973, farm tractors and other agricultural equipment, buses, postal vehicles.
Nevada	7/1/1987	Secondary	\$25	All	6 years and older	Taxis, buses, school buses, postal service vehicles, emergency vehicles, delivery vehicles not exceeding 15 mph, any vehicle or seating position if the State determines compliance is impractical.
New Hampshire	None	No law	NA	NA	NA	NA
New Jersey	3/1/1985	Primary	\$20	All	8-17 years	Vehicles manufactured before 1966, rural letter carriers, fewer belts than seats.
				All	>7 years and >80 lb	
				Front	18 years and older	
New Mexico	1/1/1986	Primary	\$25 <sup>13</sup>	All	18 years and older	Vehicles >10,000 lb, rural letter carriers.
New York	12/1/1984	Primary	\$50 <sup>14</sup>	Front	16 years and older	Buses, school buses, taxis, emergency or delivery vehicles, rural letter carriers.
North Carolina	10/1/1985	Primary (secondary for rear seat occupants)	\$25	All	16 years and older	Farm vehicles, postal vehicles, designated commercial vehicles, delivery vehicle traveling <20 mph, trash/recycling trucks.
North Dakota	7/14/1994	Secondary	\$20	Front	18 years and older	Designed for >10 people, farm vehicles, rural mail carriers, all front seat belts in use by other occupants.
Ohio	5/6/1986	Secondary	\$30 <sup>15</sup>	All	4-14 years	Postal service vehicles, vehicles delivering newspapers.
				Front	15 years and older	
Oklahoma	2/1/1987	Primary	\$20	Front	13 years and older	Exempt from seat belt law: farm vehicles (trucks, truck tractors), RVs, postal service vehicles. Exempt from child restraint law: school buses, taxicabs, emergency vehicles.
Oregon	12/7/1990	Primary	\$97	All	16 years and older	Designed for >15 passengers, newspaper and mail vehicles, meter and transit vehicles, for-hire vehicles, trash trucks, emergency vehicles, taxicab operators.
Pennsylvania	11/23/1987	Secondary	\$10	All	8-17 years	Trucks >7,000 lb, rural letter carriers, delivery vehicles, vehicles traveling <15 mph.
				Front	18 years and older	
Rhode Island	6/18/1991	Secondary (primary for drivers and occupants <18 years)	\$75	All	All	Postal service vehicles.
South Carolina	7/1/1989	Primary <sup>16,17</sup>	\$25	Front	6 years and older	Emergency vehicles, buses, postal service vehicles, delivery vehicles, parade vehicles, vehicles in which all seating positions with seat belts are already occupied, persons occupying vehicles not originally equipped with seat belts.
South Dakota	1/1/1995	Secondary	\$20	Rear with shoulder belt	6 years and older	Passenger buses, school buses, farm tractors, rural mail carriers, newspaper or periodical deliveries.
Tennessee	4/21/1986	Primary	\$10 <sup>18</sup>	Front	18 years and older	Vehicles >8,500 lb, rural letter carriers, utility workers, newspaper delivery vehicles, parades vehicles, hayrides crossing a highway from one field to another if operated at <15 mph.
Texas	9/1/1985	Primary	\$200	All	5-16 years	Farm vehicles <48,000 lb, postal service vehicles, newspaper delivery, meter readers.
				Front	17 years and older	
Utah	4/28/1986	Secondary (primary for drivers and occupants 18 years and younger)	\$45 <sup>19</sup>	All	16 years and older	Passengers exempted if all seats are occupied, or person is riding in a seating position not equipped with seat belts.
Vermont	1/1/1994	Secondary	\$25	All	16 years and older	Buses, taxis, rural mail carriers, delivery vehicles traveling <15 mph, emergency vehicles, farm tractors, vehicles ordered by emergency personnel to evacuate persons from stricken area.
Virginia	1/1/1988	Secondary	\$25	Front	16 years and older	Trucks >10,000 lb, school buses, motor homes, taxis, police vehicles enforcing parking or transporting prisoners, rural mail carriers, newspaper delivery vehicles, utility meter readers, commercial vehicles making frequent stops.
Washington	6/11/1986	Primary	\$124	All	16 years and older	Vehicles designed for >10 people; when all designated seating positions are occupied; vehicles exempted by State regulation, including farm construction or commercial vehicles making frequent stops.
West Virginia	9/1/1993	Secondary	\$25	All	8-17 years	Designed for >10 people, rural mail carriers, trailers. All seat belts in use and vehicle contains more passengers than total number of seat belts or other safety devices installed in compliance with Federal motor vehicle safety standards.
				Front	8 years and older	
Wisconsin	12/1/1987	Primary	\$10	All	8 years and older	Taxis, farm trucks engaged in farming, emergency vehicles, rural mail carriers, land surveyors.
Wyoming	6/8/1989	Secondary	\$25 <sup>20</sup>	All	9 years and older	Postal vehicles, excess passengers exempted if all seats occupied.

<sup>1</sup> Effective date of first belt law in the state; <sup>2</sup> Primary enforcement enables police officers to stop vehicles and write citations whenever they observe a violation of the seat belt law. <sup>6</sup> Court may substitute traffic safety school for fine with regard to first offense. Fine for second and subsequent offenses is \$50; <sup>7</sup> Primary enforcement for child safety restraints; <sup>8</sup> If <sup>9</sup> For child restraint violation, the driver may opt to take a child restraint safety class for \$25 in lieu of the \$75 base fine. In either case, and for seat belt violation, 2 points are <sup>12</sup> New Mexico also assesses points for violations; <sup>14</sup> New York assesses points only when the violation involves a child under 16 years old; <sup>15</sup> Fine is \$30 for a driver violating the <sup>17</sup> Seat belt law does not apply to an occupant if all belts in the vehicle are used by other occupants; <sup>18</sup> Drivers 18 years or older who choose not to contest the citation pay a \$10 <sup>20</sup> If motorist is wearing a seat belt when stopped for another violation, the fine for that violation is reduced by \$10. Passengers violating the seat belt requirements are subject to

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

NOTES: For the most current provisions of state seat belt laws, see the Insurance Institute for Highway Safety's *Safety Belt Use Laws*, available at <http://www.iihs.org/laws/SafetyBeltUse.aspx> as of May 21, 2010. For more information on child restraint laws, see *Traffic Safety Facts 2008*, final edition, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of May 5, 2010.

SOURCES: Effective Dates: Insurance Institute for Highway Safety, Highway Loss Data Institute, *Safety Belt Use Laws*, available at <http://www.iihs.org/laws/SafetyBeltUse.aspx>, as of May 21, 2010; Enforcement, Base fine, Seat belt required and Vehicles exempted: U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2008 (final edition)* (Washington, DC: 2009), table 126, available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of May 5, 2010.

**Table 2-5: Helmet Use Laws: 2010**

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

<sup>1</sup> Alaska's motorcycle helmet use law covers passengers of all ages, operators younger than 18, and operators with instructional permits; <sup>2</sup> In Florida, the law requires that all riders younger than 21 years wear helmets, without exception. Those 21 years and older may ride without helmets only if they can show proof that they are covered by a medical insurance policy; <sup>3</sup> In Kentucky, the law requires that all riders younger than 21 years wear helmets, without exception. Those 21 years and older may ride without helmets only if they can show proof that they are covered by a medical insurance policy. Motorcycle helmet laws in Kentucky also cover operators with instructional/learner's permits; <sup>4</sup> Motorcycle helmet laws in Maine cover operators with instructional/learner's permits. Maine's motorcycle helmet use law also covers passengers 14 years and younger and passengers if their operators are required to wear a helmet; <sup>5</sup> Motorcycle helmet laws in Minnesota cover operators with instructional/learner's permits; <sup>6</sup> North Dakota's motorcycle helmet use law covers all passengers traveling with operators who are covered by the law;

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

**SOURCE:** Insurance Institute for Highway Safety, Highway Loss Data Institute, *Helmet Use Laws*, available at [http://www.iihs.org/laws/state\\_laws/helmet\\_current.html](http://www.iihs.org/laws/state_laws/helmet_current.html) as of Apr. 15, 2010.

**Table 2-6: Safety Belt Use: 2000, 2005, 2006, 2007, and 2008**  
**(Percentage of drivers and passengers in the front right seat using safety belts)**

State	2000	2005	2006	2007	2008
Alabama	71	82	83	82	86
Alaska	61	78	83	82	85
Arizona	75	94	79	81	80
Arkansas	52	68	69	70	70
California	89	93	93	95	96
Colorado	65	79	80	81	82
Connecticut	76	82	84	86	88
Delaware	66	84	86	87	91
District of Columbia	83	89	85	87	90
Florida	65	74	81	79	82
Georgia	74	90	90	89	90
Hawaii	80	95	93	98	97
Idaho	59	76	80	79	77
Illinois	70	86	88	90	91
Indiana	62	81	84	88	91
Iowa	78	87	90	91	93
Kansas	62	69	74	75	77
Kentucky	60	67	67	72	73
Louisiana	68	78	75	75	76
Maine	N	76	77	80	83
Maryland	85	91	91	93	93
Massachusetts	50	65	67	69	67
Michigan	84	93	94	94	97
Minnesota	73	84	83	88	87
Mississippi	50	61	74	72	71
Missouri	68	77	75	77	76
Montana	76	80	79	80	79
Nebraska	71	79	76	79	83
Nevada	79	95	91	92	91
New Hampshire	N	N	64	64	69
New Jersey	74	86	90	91	92
New Mexico	87	90	90	92	91
New York	77	85	83	84	89
North Carolina	81	87	89	89	90
North Dakota	48	76	79	82	82
Ohio	65	79	82	82	83
Oklahoma	68	83	84	83	84
Oregon	84	93	94	95	96
Pennsylvania	71	83	86	87	85
Rhode Island	64	75	74	79	72
South Carolina	74	70	73	75	79
South Dakota	53	69	71	73	72
Tennessee	59	74	79	80	82
Texas	77	90	90	92	91
Utah	76	87	89	87	86
Vermont	62	85	82	87	87
Virginia	70	80	79	80	81
Washington	82	95	96	96	97
West Virginia	50	85	89	90	90
Wisconsin	65	73	75	75	74
Wyoming	67	N	64	72	69
Nationwide	71	82	81	82	83

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

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Seat Belt Use in 2008 - Use Rates in the States and Territories* (Washington, DC: 2009), available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 9, 2010.

**Table 2-7: Pedestrian Fatalities Involving Motor Vehicles: 2008**

State	Total traffic fatalities	Pedestrians killed	Pedestrian fatalities as percent of total	Population (thousands)	Pedestrian fatality rate per 100,000 population
Alabama	966	66	6.8	4,662	1.4
Alaska	62	3	4.8	686	0.4
Arizona	937	120	12.8	6,500	1.8
Arkansas	600	45	7.5	2,855	1.6
California	3,434	620	18.1	36,757	1.7
Colorado	548	44	8.0	4,939	0.9
Connecticut	264	37	14.0	3,501	1.1
Delaware	121	21	17.4	873	2.4
District of Columbia	34	9	26.5	592	1.5
Florida	2,978	490	16.5	18,328	2.7
Georgia	1,493	146	9.8	9,686	1.5
Hawaii	107	20	18.7	1,288	1.6
Idaho	232	11	4.7	1,524	0.7
Illinois	1,043	135	12.9	12,902	1.0
Indiana	814	54	6.6	6,377	0.8
Iowa	412	17	4.1	3,003	0.6
Kansas	385	19	4.9	2,802	0.7
Kentucky	826	67	8.1	4,269	1.6
Louisiana	912	106	11.6	4,411	2.4
Maine	155	12	7.7	1,316	0.9
Maryland	591	116	19.6	5,634	2.1
Massachusetts	363	75	20.7	6,498	1.2
Michigan	980	114	11.6	10,003	1.1
Minnesota	456	26	5.7	5,220	0.5
Mississippi	783	50	6.4	2,939	1.7
Missouri	960	63	6.6	5,912	1.1
Montana	229	11	4.8	967	1.1
Nebraska	208	5	2.4	1,783	0.3
Nevada	324	56	17.3	2,600	2.2
New Hampshire	139	7	5.0	1,316	0.5
New Jersey	590	135	22.9	8,683	1.6
New Mexico	366	39	10.7	1,984	2.0
New York	1,231	294	23.9	19,490	1.5
North Carolina	1,433	160	11.2	9,222	1.7
North Dakota	104	6	5.8	641	0.9
Ohio	1,190	98	8.2	11,486	0.9
Oklahoma	749	51	6.8	3,642	1.4
Oregon	416	51	12.3	3,790	1.3
Pennsylvania	1,468	137	9.3	12,448	1.1
Rhode Island	65	12	18.5	1,051	1.1
South Carolina	920	100	10.9	4,480	2.2
South Dakota	119	9	7.6	804	1.1
Tennessee	1,035	60	5.8	6,215	1.0
Texas	3,382	416	12.3	24,327	1.7
Utah	275	32	11.6	2,736	1.2
Vermont	73	1	1.4	621	0.2
Virginia	824	76	9.2	7,769	1.0
Washington	521	63	12.1	6,549	1.0
West Virginia	380	13	3.4	1,814	0.7
Wisconsin	605	53	8.8	5,628	0.9
Wyoming	159	7	4.4	533	1.3
United States, total	37,261	4,378	11.7	304,060	1.4

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

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2008 Final Edition* (Washington, DC: 2009), tables 106 and 116, available at <http://www.nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 13, 2010.

**Table 2-8: Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration: 2007 and 2008**  
(BAC  $\geq$  0.08 grams per deciliter)

State	2007			2008		
	Total fatalities	Fatalities involving high blood alcohol	Percent	Total fatalities	Fatalities involving high blood alcohol	Percent
Alabama	1,110	389	35.0	966	315	32.6
Alaska	84	30	35.7	62	21	33.9
Arizona	1,066	336	31.5	937	266	28.4
Arkansas	650	182	28.0	600	171	28.5
California	3,974	1,155	29.1	3,434	1,029	30.0
Colorado	554	170	30.7	548	173	31.6
Connecticut	277	101	36.5	264	86	32.6
Delaware	117	50	42.7	121	45	37.2
District of Columbia	44	15	34.1	34	9	26.5
Florida	3,214	890	27.7	2,978	875	29.4
Georgia	1,641	441	26.9	1,493	416	27.9
Hawaii	138	45	32.6	107	42	39.3
Idaho	252	70	27.8	232	78	33.6
Illinois	1,249	434	34.7	1,043	362	34.7
Indiana	898	230	25.6	814	208	25.6
Iowa	445	106	23.8	412	89	21.6
Kansas	416	114	27.4	385	145	37.7
Kentucky	864	210	24.3	826	200	24.2
Louisiana	985	368	37.4	912	338	37.1
Maine	183	66	36.1	155	43	27.7
Maryland	614	179	29.2	591	152	25.7
Massachusetts	417	146	35.0	363	124	34.2
Michigan	1,088	305	28.0	980	282	28.8
Minnesota	504	158	31.3	456	135	29.6
Mississippi	884	302	34.2	783	266	34.0
Missouri	992	338	34.1	960	310	32.3
Montana	277	106	38.3	229	91	39.7
Nebraska	256	77	30.1	208	55	26.4
Nevada	373	118	31.6	324	107	33.0
New Hampshire	129	34	26.4	139	45	32.4
New Jersey	724	199	27.5	590	154	26.1
New Mexico	413	133	32.2	366	105	28.7
New York	1,333	384	28.8	1,231	341	27.7
North Carolina	1,675	487	29.1	1,433	423	29.5
North Dakota	111	53	47.7	104	47	45.2
Ohio	1,257	391	31.1	1,190	356	29.9
Oklahoma	754	219	29.0	749	244	32.6
Oregon	455	150	33.0	416	136	32.7
Pennsylvania	1,491	500	33.5	1,468	496	33.8
Rhode Island	69	25	36.2	65	25	38.5
South Carolina	1,066	463	43.4	920	403	43.8
South Dakota	146	45	30.8	119	34	28.6
Tennessee	1,210	390	32.2	1,035	327	31.6
Texas	3,363	1,292	38.4	3,382	1,269	37.5
Utah	299	51	17.1	275	46	16.7
Vermont	66	22	33.3	73	12	16.4
Virginia	1,027	332	32.3	824	294	35.7
Washington	568	195	34.3	521	182	34.9
West Virginia	431	142	32.9	380	128	33.7
Wisconsin	756	313	41.4	605	208	34.4
Wyoming	150	49	32.7	159	67	42.1
<b>United States, total</b>	<b>41,059</b>	<b>12,998</b>	<b>31.7</b>	<b>37,261</b>	<b>11,773</b>	<b>31.6</b>

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

**SOURCES:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts Final Edition* (Washington, DC: Annual Issues), tables 117 (2008) and 114 (2007), available at <http://www-nrd.nhtsa.dot.gov/Cats/index.aspx> as of Apr. 14, 2010.

**Table 2-9: Maximum Posted Speed Limits by Type of Road: 2008**  
(Speed limit in miles per hour)

State	Interstate		Other limited-access	
	Rural	Urban	roads <sup>1</sup>	Other roads
Alabama	70	65	65	65
Alaska	65	55	65	55
Arizona	75	65	65	65
Arkansas	70; Trucks: 65	55	60 <sup>2</sup>	55
California	70; Trucks: 55	65, Trucks: 55	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	55	65	55
Indiana	70; Trucks: 65	55	60	55
Iowa	70	55	70	55
Kansas	70	70	70	65
Kentucky	65; 70 on specified segments of	65	65	55
Louisiana	70	70	70	65
Maine	65	65	65	60
Maryland	65	65	65	55
Massachusetts	65	65	65	55
Michigan	70 (trucks 60); <70 (trucks 55)	65	70	55
Minnesota	70	65	65	55
Mississippi	70	70	70	65
Missouri	70	60	70	65
Montana	75; Trucks: 65	65	Day: 70; Night: 65	Day: 70; Night: 65
Nebraska	75	65	65	60
Nevada	75	65	70	70
New Hampshire	65	65	55	55
New Jersey	65	55	65	55
New Mexico	75	75	65	55
New York	65	65	65	55
North Carolina	70	70	70	55
North Dakota	75	75	70	65
Ohio	65	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	Cars: <sup>4</sup> 75 Day; 65 Night Trucks: 70 Day; 65 Night	Day: 70, Night: 65	Day: 75, Night: 65	Day: 60, Night: 55
Utah	75 <sup>5</sup>	65	75	65
Vermont	65	55	50	50
Virginia	70 <sup>6</sup>	70 <sup>6</sup>	65	55
Washington	70, Trucks: 60	60	60	60
West Virginia	70	55	65	55
Wisconsin	65	65	65	55
Wyoming	75	60	65	65

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

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

<sup>3</sup> On 07/10/07, highway officials increased the speed from 65 mph to 70 mph on Interstate 75 south of US 42, Interstate 71 west to the split to Louisville, and portions of Boone Carroll, Gallatin, and Grant Counties.

<sup>4</sup> Sections of interstates 10 and 20 in Texas have speed limits of 80 mph for passenger cars and light trucks, 70 mph for large trucks in daytime, and 65 mph for large trucks at night.

<sup>5</sup> Effective May 5, 2008 portions of I-15 have a posted limit of 80 mph.

<sup>6</sup> Effective 07/01/10, the posted limit may be as high as 70 mph where indicated by lawfully placed signs, erected subsequent to a traffic engineering study.

**KEY:** NA = not applicable.

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

**SOURCE:** Insurance Institute for Highway Safety - Highway Loss Data Institute, *Maximum Posted Speed Limits for Passenger Vehicles*, available at <http://www.iihs.org/laws/SpeedLimits.aspx> as of Apr. 13, 2010.



**Table 2-10: Rail Accidents/Incidents: 2008**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Accidents/ Incidents	Fatalities	Injuries
Alabama	242	17	130
Alaska	93	1	89
Arizona	160	14	114
Arkansas	243	10	137
California	825	111	686
Colorado	198	13	122
Connecticut	96	6	74
Delaware	61	1	55
District of Columbia	100	1	97
Florida	254	51	163
Georgia	280	23	147
Hawaii	0	0	0
Idaho	94	3	53
Illinois	1,147	71	858
Indiana	351	27	189
Iowa	264	7	156
Kansas	266	14	152
Kentucky	182	12	108
Louisiana	291	22	151
Maine	28	0	16
Maryland	141	8	101
Massachusetts	223	16	338
Michigan	213	11	136
Minnesota	272	11	173
Mississippi	144	18	112
Missouri	286	20	173
Montana	193	5	129
Nebraska	313	3	196
Nevada	53	4	33
New Hampshire	7	1	4
New Jersey	444	24	368
New Mexico	96	12	60
New York	1,039	24	932
North Carolina	203	27	120
North Dakota	107	3	72
Ohio	334	26	168
Oklahoma	179	12	86
Oregon	140	8	94
Pennsylvania	754	31	618
Rhode Island	19	1	16
South Carolina	123	14	51
South Dakota	49	1	31
Tennessee	237	25	117
Texas	954	53	550
Utah	73	2	41
Vermont	34	0	30
Virginia	203	9	132
Washington	255	14	170
West Virginia	96	6	64
Wisconsin	196	9	100
Wyoming	132	1	94
United States, total	12,687	803	8,806

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, 2008 *Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2009), table 2-11, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx> as of Apr. 19, 2010.

**Table 2-11: Highway-Rail Grade Crossing Incidents: 2008**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Number of			
	Grade crossings	Incidents	Fatalities	Injuries
Alabama	4,484	84	10	34
Alaska	334	1	0	0
Arizona	1,285	22	1	13
Arkansas	4,364	69	7	21
California	10,219	142	25	90
Colorado	2,842	31	8	3
Connecticut	646	4	0	0
Delaware	426	1	0	0
District of Columbia	34	0	0	0
Florida	5,244	75	25	30
Georgia	7,915	108	8	37
Hawaii	8	0	0	0
Idaho	2,452	20	2	4
Illinois	12,279	152	27	69
Indiana	7,955	141	19	45
Iowa	7,347	72	5	25
Kansas	8,145	43	9	16
Kentucky	4,815	51	4	17
Louisiana	5,579	113	15	43
Maine	1,679	6	0	0
Maryland	1,357	17	0	3
Massachusetts	1,376	8	1	3
Michigan	7,283	59	4	21
Minnesota	7,146	57	6	20
Mississippi	4,177	70	14	71
Missouri	6,872	46	10	17
Montana	3,282	19	2	4
Nebraska	4,988	48	2	20
Nevada	523	6	0	3
New Hampshire	598	3	0	1
New Jersey	2,165	32	1	17
New Mexico	1,234	10	1	4
New York	5,320	39	6	13
North Carolina	7,027	69	8	29
North Dakota	4,796	14	1	5
Ohio	9,245	95	12	34
Oklahoma	5,276	58	8	30
Oregon	4,361	13	2	1
Pennsylvania	6,780	60	6	12
Rhode Island	138	0	0	0
South Carolina	3,990	62	6	17
South Dakota	3,011	13	1	9
Tennessee	4,700	63	5	26
Texas	15,053	228	17	95
Utah	1,315	12	0	2
Vermont	957	3	0	2
Virginia	4,440	44	4	14
Washington	5,246	36	4	6
West Virginia	3,451	15	2	8
Wisconsin	6,481	69	1	14
Wyoming	1,103	4	0	2
United States, total	221,743	2,407	289	950

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, 2008 *Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: December 2009), tables 2-11 and 9-2, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx>, as of Apr. 19, 2010.

**Table 2-12: Highway-Rail Grade Crossings by Type: 2008**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Total (number)	Percent of total		
		Public, motor vehicle	Private, motor vehicle	Pedestrian
Alabama	4,484	63.4	36.1	0.4
Alaska	334	65.6	31.7	2.7
Arizona	1,285	59.9	39.6	0.5
Arkansas	4,364	67.3	32.5	0.2
California	10,219	62.9	35.6	1.5
Colorado	2,842	60.9	38.2	0.9
Connecticut	646	57.0	41.6	1.4
Delaware	426	65.0	34.5	0.5
District of Columbia	34	14.7	55.9	29.4
Florida	5,244	74.2	24.6	1.2
Georgia	7,915	69.5	29.9	0.5
Hawaii	8	100.0	0.0	0.0
Idaho	2,452	52.7	46.8	0.5
Illinois	12,279	63.8	33.5	2.8
Indiana	7,955	74.8	24.6	0.6
Iowa	7,347	59.9	39.5	0.6
Kansas	8,145	67.0	32.7	0.3
Kentucky	4,815	49.3	49.9	0.7
Louisiana	5,579	54.0	45.5	0.6
Maine	1,679	49.8	49.7	0.5
Maryland	1,357	48.9	49.7	1.5
Massachusetts	1,376	60.8	37.2	2.0
Michigan	7,283	67.4	31.6	1.0
Minnesota	7,146	64.0	35.2	0.8
Mississippi	4,177	54.5	45.2	0.4
Missouri	6,872	58.5	40.8	0.7
Montana	3,282	42.7	56.9	0.4
Nebraska	4,988	60.9	39.0	0.1
Nevada	523	54.5	44.9	0.6
New Hampshire	598	58.2	39.1	2.7
New Jersey	2,165	73.3	24.4	2.4
New Mexico	1,234	58.9	40.4	0.6
New York	5,320	50.0	48.6	1.4
North Carolina	7,027	57.4	41.9	0.7
North Dakota	4,796	73.0	26.7	0.3
Ohio	9,245	66.4	33.2	0.4
Oklahoma	5,276	73.9	25.9	0.2
Oregon	4,361	47.7	50.7	1.7
Pennsylvania	6,780	58.3	40.1	1.6
Rhode Island	138	52.9	28.3	18.8
South Carolina	3,990	68.2	31.4	0.4
South Dakota	3,011	64.2	35.6	0.2
Tennessee	4,700	60.6	38.9	0.5
Texas	15,053	64.9	34.9	0.2
Utah	1,315	58.2	41.6	0.2
Vermont	957	42.3	53.2	4.5
Virginia	4,440	44.0	55.1	0.9
Washington	5,246	48.5	50.6	0.9
West Virginia	3,451	43.0	55.4	1.6
Wisconsin	6,481	63.3	35.4	1.3
Wyoming	1,103	35.4	64.5	0.1
United States, total	221,743	61.4	37.8	0.9

**NOTE:** Data are preliminary.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, 2008 Preliminary Railroad Safety Statistics Bulletin (Washington, DC: December 2009), table 9-2, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx> as of Apr. 19, 2010.

**Table 2-13: Warning Devices at Public Highway-Rail Grade Crossings: 2008**

State	Total (number)	Percent of total							
		Cross bucks	Gates	Flashing lights	Stop signs	Unknown	Special warning	HWTS, WW, bells	Other
Alabama	2,845	27.0	25.6	18.0	24.1	1.4	0.6	3.0	0.3
Alaska	219	42.0	28.8	8.2	12.8	4.1	3.2	0.0	0.9
Arizona	770	29.7	50.9	6.1	9.4	1.8	1.6	0.5	0.0
Arkansas	2,937	57.4	14.9	13.3	7.5	3.7	2.3	0.9	0.0
California	6,423	31.9	47.0	12.3	3.6	1.6	0.4	3.1	0.2
Colorado	1,731	48.4	26.5	10.1	9.9	1.9	1.2	1.7	0.3
Connecticut	368	7.3	27.2	38.9	12.8	4.6	7.9	1.4	0.0
Delaware	277	8.3	22.4	59.2	0.4	2.2	6.9	0.4	0.4
District of Columbia	5	0.0	0.0	40.0	20.0	0.0	40.0	0.0	0.0
Florida	3,889	19.8	58.7	13.2	3.8	2.2	2.0	0.2	0.2
Georgia	5,503	33.6	36.3	4.8	19.4	2.1	1.7	1.9	0.1
Hawaii	8	75.0	0.0	0.0	12.5	0.0	0.0	0.0	12.5
Idaho	1,291	32.2	11.5	13.3	41.8	0.7	0.1	0.3	0.0
Illinois	7,829	33.5	37.6	24.6	1.2	1.5	0.9	0.6	0.1
Indiana	5,954	26.5	32.3	21.7	16.7	1.3	0.2	1.1	0.2
Iowa	4,401	47.9	21.8	18.8	10.0	0.5	0.5	0.5	0.1
Kansas	5,457	63.6	22.6	7.5	3.3	1.2	1.2	0.6	0.0
Kentucky	2,376	41.4	18.6	30.6	2.2	5.0	1.9	0.3	0.0
Louisiana	3,011	44.9	26.2	16.7	7.2	3.7	0.7	0.2	0.3
Maine	836	32.7	10.0	47.0	1.3	0.8	7.7	0.5	0.0
Maryland	663	33.6	18.3	30.6	6.8	3.6	3.6	3.5	0.0
Massachusetts	837	13.3	38.4	33.8	1.0	4.3	7.3	1.7	0.4
Michigan	4,908	21.9	20.9	25.1	27.3	2.5	1.7	0.4	0.1
Minnesota	4,571	46.1	22.4	9.6	20.1	1.2	0.3	0.2	0.1
Mississippi	2,275	35.4	18.6	19.7	19.1	2.8	1.2	0.3	2.9
Missouri	4,021	50.9	21.1	18.4	3.0	3.9	1.7	1.0	0.1
Montana	1,402	60.8	19.0	11.6	5.9	1.4	0.4	0.0	0.9
Nebraska	3,036	64.5	20.6	6.0	6.2	2.3	0.1	0.2	0.1
Nevada	285	42.8	43.2	8.4	3.5	0.4	0.7	0.4	0.7
New Hampshire	348	28.4	12.4	35.1	12.6	1.1	9.5	0.6	0.3
New Jersey	1,586	19.0	27.6	37.8	1.1	4.1	9.3	1.2	0.0
New Mexico	727	50.3	32.2	12.1	2.3	1.7	0.1	0.7	0.6
New York	2,661	17.6	61.9	10.8	1.0	2.0	3.8	2.3	0.6
North Carolina	4,031	34.5	41.8	14.4	1.8	4.2	2.6	0.5	0.2
North Dakota	3,500	80.6	15.6	0.9	1.9	1.0	0.0	0.0	0.0
Ohio	6,140	36.0	45.4	14.4	2.1	0.9	0.8	0.4	0.0
Oklahoma	3,899	59.9	21.4	13.0	2.5	1.3	1.4	0.4	0.2
Oregon	2,079	34.1	30.4	5.3	19.0	4.7	3.5	1.6	1.4
Pennsylvania	3,951	32.2	20.9	28.1	3.4	4.3	7.1	1.5	2.5
Rhode Island	73	5.5	21.9	21.9	1.4	12.3	12.3	23.3	1.4
South Carolina	2,723	20.2	38.6	13.6	24.2	0.3	2.9	0.3	0.0
South Dakota	1,933	78.2	2.8	13.0	1.8	4.2	0.0	0.0	0.0
Tennessee	2,848	39.2	23.6	23.7	5.8	3.0	4.2	0.5	0.1
Texas	9,772	37.5	46.0	9.7	2.2	3.3	0.7	0.6	0.1
Utah	765	25.9	27.3	14.5	15.2	8.2	6.5	2.0	0.4
Vermont	405	29.9	7.4	45.9	6.7	2.0	7.7	0.5	0.0
Virginia	1,952	19.7	59.4	17.2	1.2	1.8	0.2	0.4	0.1
Washington	2,543	49.1	22.8	13.2	3.8	8.8	1.1	1.0	0.2
West Virginia	1,483	44.2	15.4	30.1	2.0	6.5	1.0	0.3	0.4
Wisconsin	4,102	37.1	20.1	24.3	16.8	0.9	0.1	0.7	0.0
Wyoming	391	29.7	50.9	15.6	1.3	1.0	0.3	1.3	0.0
United States, total	136,040	39.3	30.9	16.2	8.4	2.4	1.6	0.9	0.3

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, 2008 Preliminary Railroad Safety Statistics Bulletin (Washington, DC: 2009 December issue), table 9-4, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx> as of May 04, 2010.

**Table 2-14: Train Accident/Incident Fatalities, Including at Highway-Rail Crossings, by Category of Person Killed: 2008**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Worker on		Passenger		Non-	
	duty <sup>1</sup>	on train	Trespasser	trespasser	Other	
Alabama	1	0	9	7	0	
Alaska	0	0	0	1	0	
Arizona	0	0	14	0	0	
Arkansas	0	0	4	6	0	
California	2	24	81	4	0	
Colorado	1	0	5	7	0	
Connecticut	0	0	6	0	0	
Delaware	0	0	1	0	0	
District of Columbia	0	0	1	0	0	
Florida	0	0	48	3	0	
Georgia	0	0	17	6	0	
Hawaii	0	0	0	0	0	
Idaho	0	0	1	2	0	
Illinois	4	0	55	12	0	
Indiana	1	0	17	9	0	
Iowa	0	0	3	4	0	
Kansas	1	0	4	9	0	
Kentucky	0	0	9	3	0	
Louisiana	0	0	8	14	0	
Maine	0	0	0	0	0	
Maryland	1	0	7	0	0	
Massachusetts	0	0	16	0	0	
Michigan	0	0	8	3	0	
Minnesota	0	0	7	4	0	
Mississippi	0	0	7	11	0	
Missouri	1	0	13	6	0	
Montana	1	0	4	0	0	
Nebraska	0	0	2	1	0	
Nevada	0	0	4	0	0	
New Hampshire	0	0	1	0	0	
New Jersey	3	0	20	0	1	
New Mexico	0	0	11	1	0	
New York	1	0	20	3	0	
North Carolina	2	0	21	4	0	
North Dakota	0	0	2	1	0	
Ohio	0	0	22	4	0	
Oklahoma	3	0	6	3	0	
Oregon	0	0	8	0	0	
Pennsylvania	1	0	28	2	0	
Rhode Island	1	0	0	0	0	
South Carolina	0	0	10	4	0	
South Dakota	0	0	1	0	0	
Tennessee	0	0	25	0	0	
Texas	3	0	39	11	0	
Utah	0	0	2	0	0	
Vermont	0	0	0	0	0	
Virginia	0	0	7	2	0	
Washington	0	0	13	1	0	
West Virginia	0	0	4	2	0	
Wisconsin	1	0	7	1	0	
Wyoming	0	0	0	0	1	
<b>United States, total</b>	<b>28</b>	<b>24</b>	<b>598</b>	<b>151</b>	<b>2</b>	

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

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2008 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: 2009 December issue), table 3-3, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx> as of May 05, 2010.

**Table 2-15: Train Accident/Incident Injuries, Including at Highway-Rail Crossings, by Category of Person Injured: 2008 (Includes freight railroad, Amtrak, and commuter rail operations)**

State	Worker on		Passenger		Non-	
	duty <sup>1</sup>	on train	Trespasser	trespasser	Other	
Alabama	77	2	18	29	4	
Alaska	87	2	0	0	0	
Arizona	67	11	22	10	4	
Arkansas	99	2	10	18	8	
California	310	180	87	61	48	
Colorado	89	13	14	4	2	
Connecticut	46	18	4	3	3	
Delaware	39	6	4	5	1	
District of Columbia	47	35	1	10	4	
Florida	59	36	31	27	10	
Georgia	86	14	17	28	2	
Hawaii	0	0	0	0	0	
Idaho	45	1	1	3	3	
Illinois	429	189	40	144	56	
Indiana	115	10	24	32	8	
Iowa	109	4	13	20	10	
Kansas	114	3	18	8	9	
Kentucky	77	3	14	12	2	
Louisiana	92	6	17	31	5	
Maine	15	0	1	0	0	
Maryland	66	19	6	10	0	
Massachusetts	128	178	11	17	4	
Michigan	100	9	6	19	2	
Minnesota	119	5	13	14	22	
Mississippi	37	32	8	32	3	
Missouri	118	14	5	23	13	
Montana	104	11	5	4	5	
Nebraska	149	6	10	18	13	
Nevada	20	3	6	4	0	
New Hampshire	2	1	1	0	0	
New Jersey	252	37	7	54	18	
New Mexico	39	8	8	3	2	
New York	408	181	19	266	58	
North Carolina	51	19	28	19	3	
North Dakota	52	8	4	5	3	
Ohio	108	7	31	17	5	
Oklahoma	48	0	9	27	2	
Oregon	50	19	10	10	5	
Pennsylvania	352	88	19	143	16	
Rhode Island	9	2	1	2	2	
South Carolina	18	6	15	11	1	
South Dakota	22	0	6	2	1	
Tennessee	74	2	12	19	10	
Texas	357	13	77	76	27	
Utah	27	5	4	3	2	
Vermont	26	0	1	1	2	
Virginia	71	30	11	17	3	
Washington	119	14	10	14	13	
West Virginia	49	0	8	6	1	
Wisconsin	78	6	3	11	2	
Wyoming	79	0	2	2	11	
United States, total	5,134	1,258	692	1,294	428	

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

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *2008 Preliminary Railroad Safety Statistics Bulletin* (Washington, DC: 2009 December issue), table 3-5, available at <http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx> as of May 05, 2010.

**Table 2-16: Transit Incidents, Fatalities, Injuries, and Property Damage, All Transit Modes: 2008**

State	Collision			Non-collision			Total property damage (\$)
	Number of incidents	Fatalities	Injuries	Number of incidents	Fatalities	Injuries	
Alabama	12	0	28	12	0	7	431
Alaska	6	0	6	45	1	43	152
Arizona	34	2	54	35	0	27	387
Arkansas	3	0	10	23	0	23	45
California	466	59	759	1,122	28	1,042	19,791
Colorado	19	0	29	36	0	35	654
Connecticut	43	0	105	35	3	34	268
Delaware	0	0	0	9	0	12	0
District of Columbia	186	4	309	161	0	147	390
Florida	364	11	650	217	7	232	2,179
Georgia	141	1	247	208	1	204	1,753
Hawaii	25	0	29	33	0	33	198
Idaho	1	0	1	1	0	1	22
Illinois	474	16	890	726	21	667	2,947
Indiana	45	2	88	41	0	52	553
Iowa	13	0	21	7	0	6	344
Kansas	2	1	4	33	0	34	350
Kentucky	13	2	43	30	0	24	105
Louisiana	45	1	143	35	0	34	943
Maine	1	0	0	2	0	1	15
Maryland	177	3	385	112	3	110	878
Massachusetts	78	3	229	400	9	232	1,846
Michigan	73	3	119	40	1	35	443
Minnesota	39	0	56	36	0	37	130
Mississippi	1	0	3	1	0	0	30
Missouri	116	5	254	69	0	73	1,064
Montana	0	0	0	1	0	1	0
Nebraska	6	0	14	0	0	0	186
Nevada	45	1	69	148	0	138	59
New Hampshire	3	0	3	1	0	1	30
New Jersey	152	2	241	393	27	263	2,436
New Mexico	0	0	0	2	0	1	0
New York	555	20	1,096	6,819	30	5,663	10,119
North Carolina	56	4	133	64	0	61	363
North Dakota	0	0	0	1	0	1	0
Ohio	174	3	352	242	1	241	1,814
Oklahoma	14	0	24	7	0	7	49
Oregon	30	1	41	82	0	71	195
Pennsylvania	154	6	288	1,768	5	1,736	1,444
Rhode Island	22	0	33	12	0	14	37
South Carolina	17	0	31	16	0	12	48
South Dakota	3	0	4	3	0	3	16
Tennessee	38	1	86	18	0	18	194
Texas	295	3	504	304	0	289	9,595
Utah	20	0	24	14	0	12	237
Vermont	0	0	0	0	0	0	0
Virginia	38	1	82	128	0	126	422
Washington	105	3	171	178	1	138	2,456
West Virginia	5	0	11	9	0	7	223
Wisconsin	70	0	117	137	0	135	615
Wyoming	0	0	0	5	0	5	0
United States, total (including Puerto Rico)	4,193	159	7,809	13,901	138	12,170	66,782

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

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

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, personal communication, May 19, 2010.

**Table 2-17: Recreational Boating Accidents: 2008**

State	Number of accidents				Number of persons	
	Total	Fatal	Nonfatal injury	Property damage	Killed	Injured
Alabama	76	11	25	40	16	44
Alaska	44	11	12	21	14	24
Arizona	158	5	99	54	6	116
Arkansas	66	13	30	23	14	42
California	520	39	279	202	45	376
Colorado	39	7	17	15	7	33
Connecticut	53	9	20	24	11	31
Delaware	11	3	4	4	3	6
District of Columbia	2	0	1	1	0	2
Florida	616	50	267	299	55	371
Georgia	150	16	85	49	18	104
Hawaii	21	5	0	16	5	0
Idaho	65	15	29	21	15	34
Illinois	119	14	52	53	19	79
Indiana	55	7	28	20	8	38
Iowa	38	0	25	13	0	30
Kansas	38	4	14	20	5	16
Kentucky	46	5	23	18	6	32
Louisiana	110	31	55	24	38	98
Maine	32	8	15	9	9	26
Maryland	159	8	102	49	9	135
Massachusetts	64	11	33	20	11	46
Michigan	187	30	94	63	34	116
Minnesota	86	12	50	24	12	59
Mississippi	24	4	13	7	5	22
Missouri	135	19	75	41	20	101
Montana	31	12	14	5	14	20
Nebraska	20	2	9	9	2	11
Nevada	80	6	40	34	6	49
New Hampshire	28	2	15	11	2	17
New Jersey	140	7	64	69	10	97
New Mexico	30	2	21	7	3	28
New York	160	17	62	81	24	98
North Carolina	148	16	89	43	18	121
North Dakota	15	0	10	5	0	12
Ohio	125	12	71	42	15	112
Oklahoma	54	10	26	18	11	37
Oregon	53	11	23	19	13	36
Pennsylvania	59	8	37	14	8	54
Rhode Island	35	4	10	21	4	15
South Carolina	107	25	41	41	29	59
South Dakota	16	3	5	8	3	10
Tennessee	130	18	68	44	20	91
Texas	218	55	104	59	61	167
Utah	80	5	61	14	5	78
Vermont	8	5	3	0	5	4
Virginia	95	15	43	37	17	56
Washington	98	18	46	34	22	72
West Virginia	11	1	5	5	1	8
Wisconsin	110	19	56	35	20	82
Wyoming	11	2	6	3	2	7
<b>United States, total (excluding territories)</b>	<b>4,776</b>	<b>612</b>	<b>2,376</b>	<b>1,788</b>	<b>700</b>	<b>3,322</b>
<b>United States, total (including territories)<sup>1</sup></b>	<b>4,789</b>	<b>619</b>	<b>2,379</b>	<b>1,791</b>	<b>709</b>	<b>3,331</b>

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

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

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

**SOURCE:** U.S. Department of Homeland Security, U.S. Coast Guard, *Boating Statistics 2008* (Washington, DC: 2009), table 30, available at [http://www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of Apr. 8, 2010.



**Table 2-18: Alcohol Involvement in Recreational Boating Accidents: 2008**

State	Total number of accidents	Accidents with alcohol as a contributing factor		
		Total number of accidents	Percent of state total	Persons killed
Alabama	76	9	11.8	5
Alaska	44	7	15.9	6
Arizona	158	11	7.0	1
Arkansas	66	7	10.6	3
California	520	36	6.9	15
Colorado	39	2	5.1	1
Connecticut	53	6	11.3	4
Delaware	11	2	18.2	1
District of Columbia	2	0	0.0	0
Florida	616	34	5.5	14
Georgia	150	15	10.0	4
Hawaii	21	0	0.0	0
Idaho	65	9	13.8	5
Illinois	119	6	5.0	2
Indiana	55	1	1.8	0
Iowa	38	4	10.5	0
Kansas	38	0	0.0	0
Kentucky	46	2	4.3	1
Louisiana	110	18	16.4	13
Maine	32	3	9.4	3
Maryland	159	11	6.9	1
Massachusetts	64	2	3.1	1
Michigan	187	7	3.7	3
Minnesota	86	13	15.1	5
Mississippi	24	3	12.5	0
Missouri	135	18	13.3	1
Montana	31	9	29.0	4
Nebraska	20	3	15.0	1
Nevada	80	11	13.8	4
New Hampshire	28	1	3.6	1
New Jersey	140	6	4.3	0
New Mexico	30	1	3.3	0
New York	160	11	6.9	6
North Carolina	148	19	12.8	5
North Dakota	15	1	6.7	0
Ohio	125	9	7.2	3
Oklahoma	54	1	1.9	1
Oregon	53	4	7.5	2
Pennsylvania	59	10	16.9	1
Rhode Island	35	1	2.9	0
South Carolina	107	9	8.4	4
South Dakota	16	2	12.5	0
Tennessee	130	17	13.1	7
Texas	218	16	7.3	11
Utah	80	0	0.0	0
Vermont	8	0	0.0	0
Virginia	95	4	4.2	1
Washington	98	9	9.2	6
West Virginia	11	1	9.1	0
Wisconsin	110	16	14.5	7
Wyoming	11	0	0.0	0
United States, total (excluding territories)	4,776	387	8.1	153
United States, total (including territories) <sup>1</sup>	4,789	387	8.1	153

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

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

**SOURCE:** U.S. Department of Homeland Security, U.S. Coast Guard, *Boating Statistics 2008* (Washington, DC: 2009), tables 8 and 30, available at [http://www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of Apr. 9, 2010.

**Table 2-19: Hazardous Materials Incidents: 2008 and 2009  
(Not including pipelines or bulk, nonpackaged water incidents)**

State	2008						2009					
	Incidents	Deaths	Injuries			Damages (\$)	Incidents	Deaths	Injuries			Damages (\$)
			Total	Major	Minor				Total	Major	Minor	
Alabama	151	0	0	0	0	350	128	0	3	0	3	286
Alaska	81	0	0	0	0	20	181	0	3	0	3	120
Arizona	333	0	2	0	2	1,571	227	0	0	0	0	241
Arkansas	184	0	5	0	5	640	151	0	6	2	4	303
California	1,599	0	23	2	21	1,492	1,406	1	6	1	5	1,318
Colorado	399	0	1	0	1	4,299	382	0	1	0	1	1,888
Connecticut	217	0	11	1	10	262	220	0	0	0	0	62
Delaware	13	0	1	0	1	22	10	0	11	0	11	71
District of Columbia	7	0	0	0	0	172	3	0	0	0	0	0
Florida	604	0	4	0	4	2,414	579	0	5	0	5	7,860
Georgia	467	0	4	0	4	1,016	415	0	3	1	2	3,285
Hawaii	20	0	0	0	0	106	17	0	0	0	0	196
Idaho	69	0	13	0	13	134	40	0	0	0	0	807
Illinois	1,140	0	30	2	28	836	1,158	1	24	5	19	3,698
Indiana	398	0	3	0	3	662	366	0	5	1	4	1,599
Iowa	139	0	0	0	0	377	142	0	1	0	1	437
Kansas	337	0	6	0	6	555	316	0	2	0	2	372
Kentucky	376	0	2	0	2	781	426	0	2	0	2	485
Louisiana	236	0	7	1	6	2,024	211	0	4	0	4	1,630
Maine	53	0	0	0	0	17	35	0	0	0	0	1,005
Maryland	325	0	4	0	4	1,029	331	0	3	2	1	521
Massachusetts	316	1	1	1	0	1,855	294	0	0	0	0	59
Michigan	310	0	5	0	5	710	311	0	1	0	1	144
Minnesota	293	0	0	0	0	849	223	0	0	0	0	624
Mississippi	147	0	0	0	0	824	103	1	2	1	1	1,249
Missouri	305	1	1	0	1	2,382	271	0	12	0	12	1,085
Montana	59	0	1	0	1	1,584	52	0	3	1	2	32
Nebraska	79	0	0	0	0	159	56	0	1	0	1	176
Nevada	142	0	0	0	0	311	87	0	1	0	1	175
New Hampshire	22	0	0	0	0	72	30	0	0	0	0	4
New Jersey	385	0	5	2	3	593	324	0	2	0	2	280
New Mexico	66	1	0	0	0	873	60	0	0	0	0	717
New York	546	0	16	0	16	691	459	0	5	0	5	1,051
North Carolina	467	0	1	1	0	2,116	415	0	6	1	5	3,144
North Dakota	39	0	22	1	21	352	17	0	0	0	0	640
Ohio	1,281	1	13	2	11	1,208	884	0	3	0	3	1,537
Oklahoma	220	3	0	0	0	5,141	165	0	1	1	0	471
Oregon	309	0	1	0	1	111	268	0	3	1	2	250
Pennsylvania	927	1	8	2	6	1,627	783	0	10	1	9	884
Rhode Island	64	0	0	0	0	14	36	0	0	0	0	0
South Carolina	169	0	4	1	3	799	141	1	7	0	7	1,073
South Dakota	27	0	0	0	0	6	19	0	0	0	0	34
Tennessee	836	0	1	0	1	1,635	700	0	1	0	1	415
Texas	1,455	1	10	1	9	4,000	1,148	0	39	2	37	3,956
Utah	274	0	4	0	4	664	209	0	2	0	2	266
Vermont	20	0	0	0	0	267	13	0	0	0	0	1
Virginia	228	0	0	0	0	1,612	198	0	3	0	3	1,259
Washington	327	0	3	0	3	105	238	0	0	0	0	93
West Virginia	45	0	1	0	1	656	44	0	0	0	0	814
Wisconsin	293	0	4	0	4	165	273	0	0	0	0	97
Wyoming	23	0	1	0	1	178	18	0	0	0	0	48
United States, total <sup>1</sup>	16,842	9	218	17	201	50,616	14,599	4	181	20	161	47,070

<sup>1</sup> Total includes Incidents for which the state is unreported and excludes Incidents occurring in a U.S. territory or foreign country.

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

**Table 2-20: Hazardous Materials Incidents by Mode: 2008 and 2009  
(Not including pipelines or bulk, nonpackaged water incidents)**

State	2008					Total	2009					Total
	Mode						Mode					
	Highway	Rail	Air	Water <sup>2</sup>			Highway	Rail	Air	Water <sup>2</sup>		
Alabama	130	17	4	0	151	105	21	2	0	128		
Alaska	3	0	59	19	81	3	0	132	46	181		
Arizona	304	9	20	0	333	207	7	13	0	227		
Arkansas	174	5	2	3	184	138	7	6	0	151		
California	1,379	108	96	16	1,599	1,217	91	94	4	1,406		
Colorado	387	5	7	0	399	364	12	6	0	382		
Connecticut	209	1	7	0	217	210	1	9	0	220		
Delaware	13	0	0	0	13	8	2	0	0	10		
District of Columbia	6	0	1	0	7	3	0	0	0	3		
Florida	551	12	39	2	604	507	13	53	6	579		
Georgia	432	15	16	4	467	379	18	18	0	415		
Hawaii	0	0	14	6	20	3	0	10	4	17		
Idaho	59	8	2	0	69	32	6	2	0	40		
Illinois	1,040	66	34	0	1,140	1,075	42	41	0	1,158		
Indiana	374	11	13	0	398	333	11	22	0	366		
Iowa	119	12	8	0	139	133	6	3	0	142		
Kansas	322	7	8	0	337	299	9	8	0	316		
Kentucky	225	18	133	0	376	189	9	228	0	426		
Louisiana	184	48	3	1	236	167	42	1	1	211		
Maine	50	2	1	0	53	31	1	3	0	35		
Maryland	305	13	7	0	325	320	7	4	0	331		
Massachusetts	291	7	18	0	316	261	2	31	0	294		
Michigan	277	14	16	3	310	255	12	44	0	311		
Minnesota	274	8	11	0	293	208	4	11	0	223		
Mississippi	130	15	2	0	147	95	8	0	0	103		
Missouri	283	13	9	0	305	246	11	14	0	271		
Montana	55	3	1	0	59	48	4	0	0	52		
Nebraska	53	25	1	0	79	43	12	1	0	56		
Nevada	127	13	2	0	142	74	6	7	0	87		
New Hampshire	20	0	2	0	22	23	0	7	0	30		
New Jersey	328	12	38	7	385	284	8	29	3	324		
New Mexico	59	4	3	0	66	54	4	2	0	60		
New York	507	8	25	6	546	429	6	22	2	459		
North Carolina	431	20	16	0	467	388	8	19	0	415		
North Dakota	34	4	1	0	39	16	1	0	0	17		
Ohio	1,029	27	223	2	1,281	794	35	55	0	884		
Oklahoma	203	10	7	0	220	157	4	4	0	165		
Oregon	290	8	11	0	309	241	14	13	0	268		
Pennsylvania	868	29	30	0	927	735	17	31	0	783		
Rhode Island	60	0	4	0	64	34	0	2	0	36		
South Carolina	156	11	1	1	169	130	4	7	0	141		
South Dakota	22	2	3	0	27	18	0	1	0	19		
Tennessee	579	35	222	0	836	456	21	223	0	700		
Texas	1,308	80	62	5	1,455	979	104	60	5	1,148		
Utah	259	6	9	0	274	190	8	11	0	209		
Vermont	16	0	4	0	20	12	0	1	0	13		
Virginia	204	18	6	0	228	182	12	4	0	198		
Washington	287	9	13	18	327	195	14	20	9	238		
West Virginia	44	1	0	0	45	38	4	2	0	44		
Wisconsin	273	10	10	0	293	256	5	12	0	273		
Wyoming	22	0	1	0	23	13	3	2	0	18		
United States, total <sup>1</sup>	14,762	749	1,233	98	16,842	12,580	636	1,298	85	14,599		

<sup>1</sup> Total includes *Incidents* for which the state is unreported and excludes *Incidents* occurring in a U.S. territory or foreign country.

<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, *Hazardous Materials*

**Table 2-21: Natural Gas Distribution Pipeline Incidents: 2008 and 2009**

State	2008				2009			
	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	1	0	0	50,000	1	0	0	0
Alaska	4	0	0	1,405,900	9	0	1	1,459,440
Arizona	3	0	0	518,336	5	0	1	2,191,324
Arkansas	0	0	0	0	2	0	0	548,956
California	27	1	6	2,430,169	21	0	0	2,612,888
Colorado	5	1	7	638,850	3	0	2	502,050
Connecticut	0	0	0	0	1	0	1	200,100
Delaware	1	0	0	36,937	0	0	0	0
District of Columbia	1	0	0	202,000	0	0	0	0
Florida	0	0	0	0	4	0	0	149,850
Georgia	3	0	0	391,903	4	0	5	197,359
Hawaii	0	0	0	0	1	0	0	482,000
Idaho	2	0	0	504,010	2	0	0	1,092,512
Illinois	3	0	1	442,500	9	0	5	2,135,407
Indiana	5	0	0	583,644	1	0	0	161,506
Iowa	3	0	2	200,000	1	0	0	127,646
Kansas	1	0	0	139,600	2	0	3	703,740
Kentucky	1	0	0	408,567	2	1	0	60,357
Louisiana	1	0	0	69,116	2	0	3	118,684
Maine	0	0	0	0	0	0	0	0
Maryland	8	0	2	4,246,915	4	0	2	3,281,801
Massachusetts	2	0	0	232,449	3	1	1	750,000
Michigan	6	1	5	847,678	4	0	4	423,692
Minnesota	4	0	0	1,301,000	2	0	0	142,500
Mississippi	1	0	1	0	2	0	0	305,600
Missouri	2	0	0	126,754	3	0	1	218,000
Montana	0	0	0	0	1	1	0	2,500,000
Nebraska	5	0	2	544,229	2	0	0	300,200
Nevada	1	0	2	191,436	1	0	0	94,399
New Hampshire	1	0	0	0	0	0	0	0
New Jersey	3	0	2	1,151,504	4	1	0	418,114
New Mexico	4	0	2	385,300	4	0	4	65,892
New York	5	0	3	2,135,206	6	1	2	1,000,000
North Carolina	2	1	2	185,775	0	0	0	0
North Dakota	3	0	4	757,750	0	0	0	0
Ohio	4	0	1	2,209,147	4	1	2	1,428,963
Oklahoma	0	0	0	0	2	0	0	128,388
Oregon	1	0	0	701,500	2	3	0	372,200
Pennsylvania	5	1	2	2,428,710	3	0	0	160,123
Rhode Island	0	0	0	0	1	0	2	100,000
South Carolina	1	0	2	26,293	0	0	0	0
South Dakota	1	0	0	150,000	0	0	0	0
Tennessee	1	0	2	65,200	4	0	0	505,575
Texas	7	1	3	561,860	20	1	5	2,344,390
Utah	6	0	2	4,165,390	4	0	2	882,207
Vermont	0	0	0	0	0	0	0	0
Virginia	10	0	3	25,583,918	5	0	0	1,939,989
Washington	3	0	1	200,307	3	0	2	464,467
West Virginia	0	0	0	0	1	0	0	0
Wisconsin	2	0	1	527,921	1	0	2	429,420
Wyoming	2	0	0	629,440	1	0	0	100,762
<b>United States, total</b>	<b>151</b>	<b>6</b>	<b>58</b>	<b>57,377,214</b>	<b>157</b>	<b>10</b>	<b>50</b>	<b>31,100,501</b>

**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, personal communication, Apr. 21, 2010.

**Table 2-22: Natural Gas Transmission Pipeline Incidents: 2008 and 2009**

State	2008				2009			
	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage (dollars)
Alabama	2	0	0	325,500	2	0	0	1,705,000
Alaska	0	0	0	0	0	0	0	0
Arizona	0	0	0	0	4	0	0	814,495
Arkansas	11	0	1	924,318	4	0	0	839,086
California	2	0	0	114,300	8	0	0	1,980,900
Colorado	1	0	0	91,500	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	3	0	0	276,188	4	0	3	997,680
Georgia	2	0	0	250,790	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0
Idaho	0	0	0	0	1	0	0	132,430
Illinois	3	0	0	154,221	3	0	2	143,135
Indiana	1	0	0	98,908	2	0	0	2,554,593
Iowa	2	0	0	30,947	2	0	0	91,965
Kansas	4	0	0	831,994	1	0	1	110,863
Kentucky	0	0	0	0	3	0	0	561,923
Louisiana	33	0	1	#####	25	0	0	16,421,005
Maine	0	0	0	0	0	0	0	0
Maryland	1	0	0	231,000	2	0	0	200,000
Massachusetts	0	0	0	0	0	0	0	0
Michigan	2	0	0	761,000	2	0	0	742,949
Minnesota	2	0	0	615,203	0	0	0	0
Mississippi	5	0	1	302,200	2	0	0	347,205
Missouri	2	0	0	1,243,359	1	0	0	722,850
Montana	1	0	1	41,100	0	0	0	0
Nebraska	3	0	0	2,102,102	0	0	0	0
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	1	0	0	151,485	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0
New York	1	0	0	51,002	2	0	0	154,800
North Carolina	0	0	0	0	0	0	0	0
North Dakota	1	0	0	302,000	0	0	0	0
Ohio	2	0	0	135,108	3	0	1	544,984
Oklahoma	5	0	0	629,772	3	0	0	99,845
Oregon	0	0	0	0	0	0	0	0
Pennsylvania	5	0	0	3,009,692	5	0	0	2,725,506
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	1	0	0	75,000	0	0	0	0
South Dakota	0	0	0	0	1	0	0	150,000
Tennessee	2	0	0	78,602,500	0	0	0	0
Texas	16	0	1	5,739,566	23	0	3	22,669,754
Utah	0	0	0	0	1	0	0	69,000
Vermont	0	0	0	0	0	0	0	0
Virginia	2	0	0	5,429,000	0	0	0	0
Washington	0	0	0	0	2	0	0	448,613
West Virginia	2	0	0	55,000	7	0	1	896,899
Wisconsin	0	0	0	0	3	0	0	786,630
Wyoming	0	0	0	0	0	0	0	0
United States, total <sup>1</sup>	139	0	5	#####	128	0	11	65,293,905

<sup>1</sup> Incidents that have an "unknown" location are included in the U.S. total (21 Incidents, and \$151,558,658 in Property damage for 2008; and 12 Incidents, and \$8,381,795 in Property damage for 2009).

**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.

One incident and \$1,380,660 property damages in 2008; and three incidents and \$1,109,800 property damages in 2009 at the Gulf of Mexico are not included.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, personal communication, Apr. 21, 2010.

# Safety

**Table 2-23: Hazardous Liquid Pipeline Incidents: 2008 and 2009**

State	2008				2009			
	Number of incidents	Number of fatalities	Number of injuries	Property damage <sup>2</sup> (dollars)	Number of incidents	Number of fatalities	Number of injuries	Property damage <sup>2</sup> (dollars)
Alabama	2	0	0	321,075	0	0	0	0
Alaska	0	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	0	0	0	0	1	3	0	0
California	12	0	0	929,345	4	0	0	35,465
Colorado	2	0	0	40,196	2	0	0	41,990
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	0
Georgia	3	0	0	187,460	1	0	0	40,400
Hawaii	1	0	0	40,000	0	0	0	0
Idaho	0	0	0	0	0	0	0	0
Illinois	8	0	0	2,588,579	5	0	0	13,480
Indiana	4	0	0	233	2	0	0	19,115
Iowa	3	0	0	791,522	2	0	0	128,806
Kansas	10	0	0	9,746,712	8	0	0	135,153
Kentucky	2	0	0	628,565	2	0	0	2,291,994
Louisiana	12	0	0	90,144	6	1	3	5,370,542
Maine	0	0	0	0	0	0	0	0
Maryland	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Michigan	3	1	0	101,420	2	0	0	76,600
Minnesota	3	0	0	12,105	4	0	0	478,943
Mississippi	2	0	0	2,140,166	4	0	0	423,681
Missouri	4	0	0	148,266	2	0	0	113,131
Montana	2	0	0	14,720	2	0	0	207,483
Nebraska	0	0	0	0	1	0	0	15,826
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	4	0	0	615,445	1	0	0	40,500
New Mexico	5	0	0	283,463	2	0	0	119,665
New York	1	0	0	62,600	1	0	0	0
North Carolina	0	0	0	0	0	0	0	0
North Dakota	1	0	0	400	0	0	0	0
Ohio	6	0	0	272,371	4	0	0	137,351
Oklahoma	8	0	0	288,725	6	0	1	241,042
Oregon	0	0	0	0	1	0	0	7,000
Pennsylvania	5	0	0	442,660	1	0	0	0
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	1	0	0	1,000
South Dakota	0	0	0	0	0	0	0	0
Tennessee	1	0	0	5,025	0	0	0	0
Texas	29	1	2	44,844,255	37	0	0	984,500
Utah	0	0	0	0	2	0	0	8,276
Vermont	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	1	0	0	125,300
Washington	1	0	0	12,500	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
Wisconsin	1	0	0	2,800	4	0	0	756
Wyoming	3	0	0	4,720	3	0	0	56,195
<b>United States, total<sup>1</sup></b>	<b>142</b>	<b>2</b>	<b>2</b>	<b>64,615,508</b>	<b>115</b>	<b>4</b>	<b>4</b>	<b>11,468,194</b>

<sup>1</sup> Incidents that have an "unknown" location are included in the U.S. total (4 Incidents , and \$36 in Property damage for 2008; and 3 Incidents , and \$354,000 in Property damage for 2009).

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

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

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, personal communication, Apr. 22, 2010.

# Section C

\* \* \*

# Freight Transportation





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

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, *2007 Commodity Flow Survey Interactive Tables*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Apr. 13, 2010.

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

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, 2007 Commodity Flow Survey Interactive Tables, *Hazardous Materials, HazMat Shipment Characteristics by Origin State*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Apr. 13, 2010.

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

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, *2007 Commodity Flow Survey Interactive Tables, Hazardous Materials, HazMat Shipment Characteristics by Destination State*, available at [http://www.bts.gov/publications/commodity\\_flow\\_survey/](http://www.bts.gov/publications/commodity_flow_survey/) as of Apr. 14, 2010.

# Freight Transportation

**Table 3-4: Rail Shipments: 2008**

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	51,969,415	Coal	37,560,566	Coal
Alaska	6,100,000	Miscellaneous	6,100,000	Miscellaneous
Arizona	27,522,558	Coal	3,662,860	Waste and scrap
Arkansas	26,985,208	Coal	19,416,858	Crushed stone, gravel, sand
California	100,844,567	Intermodal	63,854,777	Intermodal
Colorado	28,848,430	Coal	31,839,195	Coal
Connecticut	1,594,012	Crushed stone, gravel, sand	1,778,460	Waste and scrap
Delaware	5,576,164	Coal	703,356	Iron and steel
District of Columbia	134,636	Waste and scrap materials	134,132	Waste and scrap materials
Florida	69,088,550	Nonmetallic minerals	44,726,282	Nonmetallic minerals
Georgia	82,210,017	Coal	33,174,320	Crushed stone, gravel, sand
Hawaii	0	N/A	0	N/A
Idaho	8,518,638	Farm products	6,864,002	Farm products
Illinois	155,824,440	Coal	106,587,820	Intermodal
Indiana	59,077,162	Coal	50,331,803	Coal
Iowa	37,429,569	Coal	34,934,882	Food products
Kansas	23,703,303	Coal	23,226,109	Farm products
Kentucky	39,239,064	Coal	86,127,100	Coal
Louisiana	34,465,842	Chemicals	28,414,963	Chemicals
Maine	3,275,464	Pulp and paper products	2,998,892	Pulp and paper products
Maryland	29,220,047	Coal	5,596,664	Waste and scrap
Massachusetts	7,475,780	Intermodal	2,242,768	Intermodal
Michigan	41,572,451	Coal	25,162,033	Metallic ores
Minnesota	57,534,804	Metallic ores	74,860,874	Metallic ores
Mississippi	16,059,403	Coal	8,229,320	Chemicals
Missouri	71,287,602	Coal	13,228,482	Food products
Montana	7,116,984	Petroleum products	45,234,173	Coal
Nebraska	17,633,604	Coal	28,902,237	Farm products
Nevada	7,946,377	Coal	2,141,568	Cement, concrete pr., etc.
New Hampshire	1,228,847	Coal	274,672	Crushed stone, gravel, sand
New Jersey	22,466,962	Chemicals	11,242,016	Intermodal
New Mexico	3,456,234	Food products	11,265,862	Coal
New York	22,800,205	Coal	6,770,743	Waste and scrap
North Carolina	58,440,018	Coal	12,086,168	Chemicals
North Dakota	14,031,268	Coal	29,690,563	Farm Products
Ohio	86,564,754	Coal	61,522,546	Coal
Oklahoma	33,689,501	Coal	26,496,734	Crushed stone, gravel, sand
Oregon	23,889,472	Farm products	10,792,772	Lumber and wood products
Pennsylvania	66,725,355	Coal	56,590,737	Coal
Rhode Island	544,384	Chemicals	134,720	Waste and scrap
South Carolina	31,260,443	Coal	13,459,589	Chemicals
South Dakota	4,490,367	Coal	14,411,576	Farm products
Tennessee	33,387,335	Coal	15,491,252	Intermodal
Texas	210,282,792	Coal	96,626,971	Chemicals
Utah	12,304,453	Coal	20,406,386	Coal
Vermont	1,179,972	Nonmetallic minerals	404,560	Miscellaneous
Virginia	77,081,796	Coal	43,684,067	Coal
Washington	63,162,810	Farm products	23,164,170	Intermodal
West Virginia	22,474,865	Coal	114,536,370	Coal
Wisconsin	72,506,777	Coal	14,951,301	Crushed stone, gravel, sand
Wyoming	17,817,467	Coal	445,063,957	Coal
United States, total	1,898,040,168		1,817,102,228	

**KEY:** NA = not applicable.

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

**SOURCE:** Association of American Railroads, *Railroads and States-2008*, personal communication, Apr. 27, 2010.

# Freight Transportation

**Table 3-5: Waterborne Shipments: 2007 and 2008**  
(Thousands of short tons)

State	2007					2008						
	Intrastate	Terminating in state		Originating in state		Total	Intrastate	Terminating in state		Originating in state		Total
		Domestic	Foreign	Domestic	Foreign			Domestic	Foreign	Domestic	Foreign	
Alabama	16,188	17,821	22,973	15,272	11,847	84,101	13,501	18,893	23,806	15,054	14,308	85,561
Alaska	3,786	2,648	1,783	38,628	4,081	50,927	3,420	2,761	1,037	36,225	4,302	47,745
Arkansas	2,928	7,119	0	6,287	0	16,333	2,593	4,861	0	6,761	0	14,214
California	15,141	22,208	138,004	6,084	50,950	232,386	13,733	18,797	125,233	5,066	58,498	221,327
Connecticut	2,275	9,499	5,980	1,934	460	20,148	2,109	9,622	4,873	1,079	513	18,196
Delaware	1,507	1,564	16,090	15,262	712	35,136	1,621	1,896	11,877	14,081	1,182	30,657
District of Columbia	0	305	0	0	0	305	0	159	0	19	0	178
Florida	1,995	53,725	41,973	9,909	16,817	124,419	1,133	47,743	36,493	8,775	16,380	110,524
Georgia	743	479	23,372	522	13,957	39,073	692	650	20,671	596	15,230	37,838
Hawaii	13,421	4,138	9,941	1,044	692	29,235	9,883	3,975	9,191	813	593	24,455
Idaho	2	102	0	968	0	1,073	0	114	0	554	0	667
Illinois	14,114	17,692	2,297	85,809	1,058	120,970	11,658	16,868	2,723	83,407	852	115,508
Indiana	2,319	50,113	1,468	13,494	139	67,534	2,628	52,912	1,214	15,763	151	72,668
Iowa	1,165	4,241	0	9,704	0	15,110	1,317	3,444	0	6,808	0	11,570
Kansas	681	661	0	0	0	1,343	0	1	0	263	0	264
Kentucky	19,104	29,068	0	52,202	0	100,374	17,397	25,765	0	51,273	0	94,435
Louisiana	45,199	122,532	125,645	102,988	101,892	498,256	44,471	119,827	111,901	92,875	111,621	480,696
Maine	165	1,816	24,037	320	500	26,839	116	1,577	22,359	252	443	24,747
Maryland	2,167	11,203	19,436	6,620	12,373	51,799	1,863	9,366	17,190	5,192	16,142	49,754
Massachusetts	492	9,849	15,967	405	1,330	28,043	360	9,673	14,192	347	1,421	25,993
Michigan	11,543	23,128	6,005	23,506	5,070	69,252	10,854	20,634	5,561	22,543	6,017	65,609
Minnesota	1,263	6,736	196	28,447	4,839	41,480	1,486	6,838	370	28,101	5,377	42,172
Mississippi	498	11,910	19,968	14,740	5,047	52,163	372	11,867	20,515	13,038	5,722	51,514
Missouri	6,941	6,117	0	15,671	0	28,729	6,767	5,795	0	13,845	0	26,407
Nebraska	0	0	0	28	0	28	0	192	0	43	0	235
New Hampshire	26	718	3,069	17	197	4,026	29	633	3,002	41	128	3,833
New Jersey	3,526	25,152	67,675	24,786	13,140	134,279	8,812	22,502	75,031	31,171	16,657	154,173
New York	17,427	17,319	37,418	19,147	6,461	97,771	10,063	17,588	25,299	12,048	6,606	71,603
North Carolina	2,361	2,022	5,556	134	2,148	12,221	2,169	2,241	5,068	75	1,899	11,451
Ohio	9,452	62,994	8,246	21,618	10,184	112,493	5,278	61,183	8,079	19,605	9,213	103,358
Oklahoma	28	2,222	0	1,814	0	4,064	1	1,693	0	2,091	0	3,786
Oregon	3,613	8,983	5,499	3,304	16,164	37,563	2,591	5,864	4,800	2,837	15,220	31,313
Pennsylvania	14,859	30,122	37,384	18,199	1,520	102,084	14,222	30,207	36,253	19,309	2,033	102,024
Puerto Rico	2,553	7,512	15,782	1,957	2,142	29,946	1,669	6,913	14,027	1,071	1,801	25,480
Rhode Island	10	3,801	5,690	1,121	562	11,184	43	3,020	5,538	1,388	527	10,517
South Carolina	570	2,317	13,340	186	6,524	22,937	471	2,032	11,966	199	6,548	21,216
Tennessee	3,996	37,509	0	6,900	0	48,404	3,770	34,555	0	9,671	0	47,996
Texas	63,222	27,929	272,801	38,757	87,415	490,123	58,529	24,771	260,662	37,425	91,954	473,342
Vermont	0	0	0	0	0	0	0	0	0	0	0	0
Virginia	5,542	4,005	14,797	8,741	31,448	64,533	4,594	4,563	14,409	9,433	46,085	79,083
Washington	12,363	25,669	26,788	14,470	44,702	123,992	11,532	24,352	23,956	10,906	51,305	122,051
West Virginia	11,298	17,125	0	46,270	0	74,693	10,526	18,652	0	47,899	0	77,077
Wisconsin	506	8,654	1,952	24,023	11,075	46,210	632	11,148	1,906	21,375	9,299	44,360
United States, total	315,327	706,193	1,075,672	706,193	466,781	2,563,972	283,193	673,141	998,679	673,141	522,080	2,477,094

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

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

**SOURCE:** U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *Waterborne Commerce of the United States (Calendar years 2007 and 2008), Part 5 National Summaries, Table 4-1*, available at <http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm> as of Apr. 15, 2010.

# Freight Transportation

**Table 3-6: Top 50 U.S. Ports by Port Calls and Vessel Type<sup>1</sup>: 2008**  
(Capacity in thousands of dwt tons)

Port	Rank	Vessel type and total capacity <sup>2</sup>									
		Total		Tanker <sup>3</sup>		Dry-bulk		Containership		Other general cargo <sup>4</sup>	
		Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity	Calls	Capacity
Houston, TX	1	6,445	273,488	4,038	183,491	758	30,599	854	36,310	795	23,087
New York/New Jersey, NY and NJ	2	4,823	230,913	1,469	76,611	253	9,451	2,419	128,307	682	16,544
Los Angeles/Long Beach, CA	3	4,815	307,277	1,060	110,703	406	20,512	2,795	163,016	554	13,046
New Orleans, LA	4	4,328	218,108	1,545	96,800	2,060	95,575	297	13,159	426	12,574
San Francisco, CA	5	3,515	198,334	740	59,750	525	22,090	1,831	106,823	419	9,670
Philadelphia, PA	6	3,006	179,262	1,549	140,295	261	11,024	499	15,441	697	12,501
Virginia Ports, VA	7	2,759	146,066	174	10,070	608	38,026	1,752	88,066	225	9,904
Savannah, GA	8	2,417	116,005	312	11,693	160	4,970	1,659	90,865	286	8,477
Columbia River, OR	9	2,411	96,331	156	6,387	1,650	71,009	127	6,952	478	11,982
Charleston, SC	10	2,053	93,337	171	8,248	100	4,932	1,475	72,993	307	7,163
Baltimore, MD	11	1,870	67,676	165	5,566	410	23,042	380	17,153	915	21,914
Jacksonville, FL	12	1,542	45,860	290	13,332	182	9,672	307	9,178	763	13,678
Port Everglades, FL	13	1,395	46,371	473	20,997	25	1,005	715	21,587	182	2,781
Tacoma, WA	14	1,244	61,366	52	5,176	225	13,519	671	36,616	296	6,056
Port Arthur, TX	15	1,163	76,615	905	66,851	150	6,148	2	56	106	3,559
Corpus Christi, TX	16	1,120	73,345	775	56,512	244	11,445	1	36	100	5,352
Texas City, TX	17	976	65,169	931	63,076	38	1,810	1	33	6	250
Seattle, WA	18	972	54,231	21	947	236	14,287	652	36,302	63	2,695
Mobile, AL	19	963	51,045	180	11,950	465	28,673	57	2,410	261	8,012
Miami, FL	20	890	28,856	1	46	1	32	576	24,118	312	4,660
San Juan, PR	21	836	18,778	100	4,392	28	949	395	9,108	313	4,329
Freeport, TX	22	791	44,320	609	39,759	21	1,228	90	1,283	71	2,050
Tampa, FL	23	710	25,821	321	11,398	227	9,330	39	1,522	123	3,572
Lake Charles, LA	24	705	47,473	492	39,050	140	6,071	2	69	71	2,282
Honolulu, HI	25	636	20,963	71	3,906	16	720	410	13,363	139	2,974
Galveston, TX	26	560	24,073	188	13,109	181	7,232	11	421	180	3,311
Boston, MA	27	546	24,955	240	9,544	77	3,266	145	7,375	84	4,770
Wilmington, NC	28	515	20,946	266	10,163	59	1,852	112	6,277	78	2,654
LOOP Terminal, LA	29	423	108,749	423	108,749	0	0	0	0	0	0
Port Angeles, WA	30	355	35,211	284	32,144	42	2,272	6	274	23	520
Portland, ME	31	352	27,888	296	26,294	28	943	0	0	28	652
San Diego, CA	32	322	5,676	0	0	10	339	55	899	257	4,437
Cherry Point, WA	33	295	30,838	295	30,838	0	0	0	0	0	0
El Segundo, CA	34	274	30,068	274	30,068	0	0	0	0	0	0
Valdez, AK	35	272	38,945	272	38,945	0	0	0	0	0	0
March Point, WA	36	271	27,185	269	27,086	0	0	0	0	2	99
Port Hueneme, CA	37	256	4,344	10	334	0	0	0	0	246	4,011
Brunswick, GA	38	255	6,215	1	40	13	499	0	0	241	5,676
Pascagoula, MS	39	245	17,616	187	14,881	35	2,269	0	0	23	465
Annapolis Anch., MD	40	200	10,571	8	323	138	8,716	7	244	47	1,288
Beaumont, TX	41	183	8,029	92	5,336	48	1,585	3	84	40	1,024
Anchorage, AK	42	161	3,710	1	45	5	138	75	1,616	80	1,911
Ingleside, TX	43	159	10,919	79	7,344	65	3,309	2	105	13	161
Dutch Harbor, AK	44	148	6,723	3	129	1	47	137	6,356	7	192
Barbers Point, HI	45	136	10,202	82	7,174	44	2,536	0	0	10	492
Galveston light. Area, TX	46	135	35,006	135	35,006	0	0	0	0	0	0
Palm Beach, FL	47	127	1,919	7	201	0	0	50	717	70	1,000
Ferndale, WA	48	124	14,716	105	13,806	15	692	0	0	4	218
Point Comfort, TX	49	116	4,306	66	1,978	29	1,669	1	21	20	638
Guayanilla, PR	50	115	6,171	93	4,750	1	64	0	0	21	1,356
<b>Top 50 ports total</b>		<b>58,930</b>	<b>3,101,990</b>	<b>20,276</b>	<b>1,465,293</b>	<b>9,980</b>	<b>473,551</b>	<b>18,610</b>	<b>919,157</b>	<b>10,064</b>	<b>243,990</b>
<b>U.S. ports total<sup>5</sup></b>		<b>60,578</b>	<b>3,182,495</b>	<b>20,907</b>	<b>1,511,179</b>	<b>10,363</b>	<b>490,227</b>	<b>18,735</b>	<b>922,008</b>	<b>10,573</b>	<b>259,082</b>
<b>Top 50 ports as percent of U.S. total</b>		<b>97.3</b>	<b>97.5</b>	<b>97.0</b>	<b>97.0</b>	<b>96.3</b>	<b>96.6</b>	<b>99.3</b>	<b>99.7</b>	<b>95.2</b>	<b>94.2</b>

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

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

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

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

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

**KEY:** dwt = deadweight.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *Vessel Calls at U.S. Ports by Vessel Type*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Apr. 14, 2010.

**Table 3-7: Top 30 U.S. Containership Ports: 2008  
(Thousands of TEUs)**

Port	Rank	Total	Export	Import
Los Angeles, CA	1	5,611	1,598	4,014
Long Beach, CA	2	4,553	1,439	3,114
New York, NY	3	3,956	1,413	2,542
Savannah, GA	4	2,106	1,020	1,086
Norfolk, VA	5	1,585	778	807
Oakland, CA	6	1,388	662	726
Houston, TX	7	1,363	789	574
Charleston, SC	8	1,326	635	690
Tacoma, WA	9	1,118	472	646
Seattle, WA	10	1,080	423	656
Port Everglades, FL	11	681	398	283
Miami, FL	12	669	355	315
Baltimore, MD	13	430	171	259
New Orleans, LA	14	235	154	81
San Juan, PR	15	223	66	157
Philadelphia, PA	16	218	59	159
Portland, OR	17	196	99	97
Wilmington, DE	18	187	53	134
Gulfport, MS	19	172	66	107
Jacksonville, FL	20	158	106	53
West Palm Beach, FL	21	156	115	41
Wilmington, NC	22	146	58	89
Boston, MA	23	146	56	90
Chester, PA	24	101	52	49
Mobile, AL	25	73	35	38
Honolulu, HI	26	59	36	23
Freeport, TX	27	56	25	31
San Diego, CA	28	48	2	46
Richmond-Petersburg, VA	29	45	23	22
Panama City, FL	30	37	19	19
<b>Top 30 ports, total</b>		<b>28,122</b>	<b>11,175</b>	<b>16,947</b>
<b>United States, all ports<sup>1</sup></b>		<b>28,309</b>	<b>11,277</b>	<b>17,032</b>
<b>Top 30 ports as percent of U.S. total</b>		<b>99.3%</b>	<b>99.1%</b>	<b>99.5%</b>

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

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

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *U.S. Waterborne Foreign Container Trade by U.S. Custom Ports*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Apr. 14, 2010.

**Table 3-8: Scheduled and Nonscheduled Air Freight and Mail Enplaned: 2008  
(Short tons)**

State	Freight		Mail	
	Scheduled	Nonscheduled	Scheduled	Nonscheduled
Alabama	31,388	33,222	1	0
Alaska	644,673	121,665	98,387	532
Arizona	133,041	2,267	16,613	0
Arkansas	9,314	861	107	0
California	1,749,600	115,226	93,905	734
Colorado	117,548	10,086	4,837	0
Connecticut	69,079	2,417	4,188	0
Delaware	41	15,584	0	0
District of Columbia	154,665	962	7,321	0
Florida	900,258	270,755	36,766	0
Georgia	337,806	20,048	2,792	0
Hawaii	202,412	50,794	14,331	1,652
Idaho	21,931	297	432	0
Illinois	761,652	103,472	52,216	0
Indiana	541,230	877	3,037	0
Iowa	62,872	9	1,529	0
Kansas	12,639	388	5	0
Kentucky	1,077,669	5,734	39,423	0
Louisiana	35,840	2,998	9	0
Maine	4,468	2,882	0	0
Maryland	46,407	2,265	4,881	0
Massachusetts	134,753	3,032	8,606	0
Michigan	119,703	9,570	4,263	0
Minnesota	114,786	6,267	5,655	0
Mississippi	4,124	98	2	0
Missouri	93,123	18,663	6,171	0
Montana	22,378	0	354	0
Nebraska	32,110	126	477	0
Nevada	72,359	3,735	6,489	0
New Hampshire	36,432	783	760	0
New Jersey	347,055	35,209	32,466	40,936
New Mexico	46,144	14	2,212	0
New York	676,389	120,930	43,977	6,448
North Carolina	126,686	14,062	9,107	0
North Dakota	8,818	81	61	0
Ohio	339,353	251,905	2,659	0
Oklahoma	37,531	269	80	0
Oregon	106,314	3,815	4,031	0
Pennsylvania	349,609	13,870	16,165	0
Rhode Island	4,378	1,348	9	0
South Carolina	76,388	36,249	1,128	0
South Dakota	25,881	0	3	0
Tennessee	1,935,991	17,856	1,425	1,682
Texas	755,723	53,791	53,645	0
Utah	72,851	2,982	3,264	0
Vermont	3,011	7	1	0
Virginia	40,724	2,877	53	0
Washington	243,789	10,781	10,305	72
West Virginia	1,983	1	0	0
Wisconsin	43,686	2,068	3,803	0
Wyoming	4,257	0	1	0
United States, total (including U.S. territories)	12,931,390	1,385,207	601,210	52,117

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *TranStats Database, T-100 Market (All Carriers)*, special tabulation, May 19, 2010.



# Freight Transportation

**Table 3-9: Top 50 Airports by Landed Weight of All-Cargo Operations: 2003–2008**  
(In thousand short tons)

Airport	Rank in 2008	Landed weight					
		2003	2004	2005	2006	2007	2008
Memphis, TN (Memphis International)	1	8,760	8,885	9,343	9,425	9,772	9,750
Anchorage, AK (Ted Stevens Anchorage International)	2	9,007	9,844	10,364	10,588	10,562	8,976
Louisville, KY (Louisville International-Standiford Field)	3	4,172	4,388	4,591	5,015	5,216	5,223
Miami, FL (Miami International)	4	3,239	3,423	3,550	3,591	3,715	3,494
Los Angeles, CA (Los Angeles International)	5	3,120	3,062	2,927	3,627	3,431	2,876
Indianapolis, IN (Indianapolis International)	6	2,277	2,314	2,545	2,627	2,652	2,564
New York, NY (John F. Kennedy International)	7	2,937	2,898	2,811	2,615	2,557	2,222
Chicago, IL (Chicago O'Hare International)	8	2,351	2,359	2,412	2,208	2,201	2,103
Oakland, CA (Oakland International)	9	1,695	1,703	1,797	1,798	1,811	1,742
Newark, NJ (Newark Liberty International)	10	1,835	1,765	1,870	1,867	1,873	1,727
Dallas-Fort Worth, TX (Dallas/Fort Worth International)	11	1,481	1,431	1,655	1,722	1,753	1,614
Ontario, CA (Ontario International)	12	1,338	1,326	1,344	1,401	1,394	1,350
Philadelphia, PA (Philadelphia International)	13	1,365	1,371	1,401	1,363	1,375	1,264
Atlanta, GA (Hartsfield-Jackson Atlanta International)	14	1,194	1,162	1,014	1,180	1,261	1,167
Honolulu, HI (Honolulu International)	15	1,017	970	828	979	1,134	1,032
San Francisco, CA (San Francisco International)	16	1,200	740	797	829	1,039	775
Houston, TX (George Bush Intercontinental)	17	666	697	710	696	769	754
Seattle, WA (Seattle-Tacoma International)	18	796	531	709	709	691	747
Rockford, IL (Chicago Rockford International)	19	625	677	696	696	737	710
Phoenix, AZ (Phoenix Sky Harbor International)	20	779	801	778	726	711	675
Portland, OR (Portland International)	21	749	718	747	730	713	656
Denver, CO (Denver International)	22	747	763	763	711	642	625
Minneapolis, MN (Minneapolis-St. Paul Intl./Wold-Chamberlain)	23	687	678	702	620	612	562
Salt Lake City, UT (Salt Lake City International)	24	599	621	590	548	535	521
Boston, MA (General Edward Lawrence Logan International)	25	600	586	574	550	530	492
Toledo, OH (Toledo Express)	26	461	502	493	460	471	470
Fort Worth, TX (Fort Worth Alliance)	27	348	374	501	644	557	449
Windsor Locks, CT (Bradley International)	28	412	445	484	477	459	433
Columbia, SC (Columbia Metropolitan)	29	305	442	392	396	406	431
San Juan, PR (Luis Munoz Marin International)	30	652	452	625	606	522	431
Orlando, FL (Orlando International)	31	545	580	578	481	483	425
Seattle, WA (Boeing Field/King County International)	32	382	446	433	392	403	418
San Antonio, TX (San Antonio International)	33	352	368	381	398	407	412
Columbus, OH (Rickenbacker International)	34	239	297	376	428	407	365
Detroit, MI (Detroit Metropolitan Wayne County)	35	364	349	379	395	398	354
Fort Lauderdale, FL (Fort Lauderdale/Hollywood International)	36	386	367	372	383	378	336
San Diego, CA (San Diego International)	37	326	320	371	366	346	333
Aguadilla, PR (Rafael Hernandez)	38	313	274	286	297	311	322
Albuquerque, NM (Albuquerque International Sunport)	39	294	311	324	328	339	315
Sacramento, CA (Sacramento Mather)	40	256	252	258	257	319	299
Des Moines, IA (Des Moines International)	41	322	312	320	335	314	298
Austin, TX (Austin-Bergstrom International)	42	368	366	341	289	280	296
Kansas City, MO (Kansas City International)	43	425	472	463	398	341	294
Washington, DC (Dulles International)	44	308	305	305	280	290	285
Milwaukee, WI (General Mitchell International)	45	267	290	295	283	269	279
Spokane, WA (Spokane International)	46	228	250	269	257	253	252
Raleigh/Durham, NC (Raleigh-Durham International)	47	278	274	248	267	253	248
Pittsburgh, PA (Pittsburgh International)	48	224	234	236	233	246	245
Jacksonville, FL (Jacksonville International)	49	173	199	223	248	252	243
Las Vegas, NV (McCarran International)	50	193	224	258	250	240	238
<b>Top 50 airports, total<sup>1</sup></b>		<b>(R) 61,657</b>	<b>(R) 62,419</b>	<b>(R) 64,729</b>	<b>(R) 65,969</b>	<b>(R) 66,633</b>	<b>62,092</b>
<b>United States, all airports<sup>2</sup></b>		<b>(R) 73,129</b>	<b>74,435</b>	<b>76,051</b>	<b>(R) 76,362</b>	<b>(R) 76,583</b>	<b>71,281</b>
<b>Top 50 airports as percent of U.S. total</b>		<b>(R) 84.31</b>	<b>(R) 83.86</b>	<b>(R) 85.11</b>	<b>(R) 86.39</b>	<b>(R) 87.01</b>	<b>(R) 87.11</b>

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

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

**KEY:** R = revised.

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Airport Planning, Passenger Boarding and All-Cargo Data (Washington DC: Annual issues), available at [http://www.faa.gov/airports/planning\\_capacity/passenger\\_allcargo\\_stats/](http://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats/) as of Apr. 16, 2010.

**Table 3-10: U.S. Surface Merchandise Trade with Canada and Mexico: 2009<sup>1</sup>**  
 (Millions of current dollars)

State	Exports to		Imports from	
	Canada	Mexico	Canada	Mexico
Alabama	2,482	609	1,299	517
Alaska	100	7	283	2
Arizona	1,104	4,395	602	4,557
Arkansas	1,064	499	815	457
California	11,179	15,189	14,992	27,633
Colorado	1,283	505	2,382	548
Connecticut	1,142	586	2,592	1,595
Delaware	1,092	71	289	31
District of Columbia	2	9	56	20
Florida	2,416	1,368	2,175	1,693
Georgia	3,845	1,044	3,080	2,408
Hawaii	4	2	61	1
Idaho	702	170	555	185
Illinois	11,356	3,156	23,351	5,300
Indiana	8,015	1,537	4,159	2,447
Iowa	2,872	1,295	2,487	849
Kansas	1,815	1,130	4,601	315
Kentucky	4,461	876	2,828	2,258
Louisiana	1,351	857	931	215
Maine	845	40	1,377	47
Maryland	1,105	359	1,213	800
Massachusetts	2,434	708	4,252	1,645
Michigan	15,181	5,135	27,272	17,102
Minnesota	3,747	631	5,237	1,285
Mississippi	1,010	425	591	474
Missouri	3,071	1,000	2,054	1,957
Montana	424	29	3,273	6
Nebraska	1,391	1,080	690	396
Nevada	697	75	617	196
New Hampshire	381	749	1,202	405
New Jersey	4,776	1,176	4,128	2,568
New Mexico	227	357	136	648
New York	8,938	1,164	15,362	2,047
North Carolina	4,235	1,157	2,880	3,234
North Dakota	1,231	192	1,594	36
Ohio	13,393	2,539	10,352	4,018
Oklahoma	1,299	500	885	540
Oregon	1,780	130	1,959	314
Pennsylvania	7,685	1,789	8,186	2,401
Rhode Island	444	76	293	195
South Carolina	2,624	962	1,381	1,110
South Dakota	366	233	299	23
Tennessee	5,470	2,106	5,411	2,975
Texas	11,685	47,168	8,163	38,875
Utah	840	266	1,249	852
Vermont	1,431	39	2,256	38
Virginia	2,036	617	1,358	528
Washington	5,613	878	10,332	307
West Virginia	982	108	701	149
Wisconsin	4,557	1,516	3,123	2,290
Wyoming	214	74	1,779	12
United States, total <sup>2</sup>	184,653	110,378	201,089	140,576

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Transborder Freight Data*, available at <http://www.bts.gov/programs/international/transborder/> as of Apr. 19, 2010.

# Freight Transportation

**Table 3-11: U.S. Surface Merchandise Imports from Canada and Mexico: 2009  
(Short Tons)**

State	Imports from Canada				Imports from Mexico			
	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)
Alabama	943,048	26.7	73.3	Z	145,685	92.9	7.1	<0.05
Alaska	468,988	94.6	5.4	<0.05	290	100.0	Z	Z
Arizona	453,778	31.5	68.5	<0.05	2,704,498	94.2	5.8	<0.05
Arkansas	1,039,476	13.9	29.4	56.7	106,828	88.5	11.5	<0.05
California	5,258,255	33.1	65.2	1.7	5,641,267	91.0	6.8	2.2
Colorado	4,746,932	5.6	8.7	85.7	121,235	75.8	24.2	Z
Connecticut	927,109	60.9	36.0	3.1	262,306	50.6	49.4	Z
Delaware	261,695	42.5	35.9	21.6	5,819	98.8	1.2	Z
District of Columbia	13,683	99.1	0.8	0.1	19,849	100.0	Z	Z
Florida	1,273,301	39.7	60.3	0.1	476,859	87.0	13.0	<0.05
Georgia	2,342,392	58.1	41.8	<0.05	647,511	92.1	6.8	1.1
Hawaii	36,391	99.8	0.2	Z	553	100.0	Z	Z
Idaho	1,440,429	27.8	72	<0.05	72,872	25.2	74.8	Z
Illinois	44,665,090	5.0	9.3	85.7	3,139,991	28.5	71.5	<0.05
Indiana	3,691,402	35.5	55.1	9.4	413,101	84.7	15.3	<0.05
Iowa	2,379,329	21.8	67.8	10.5	183,753	93.8	6.2	Z
Kansas	9,118,441	2.4	3.0	94.7	69,400	80.5	19.5	<0.05
Kentucky	1,624,547	40.9	59.0	0.1	471,189	70.1	29.7	0.1
Louisiana	855,997	12.8	87.2	<0.05	81,626	43.5	56.5	Z
Maine	2,050,484	58.6	26.0	15.4	9,189	98.7	1.3	Z
Maryland	945,294	45.4	54.0	0.6	151,704	75.0	25.0	Z
Massachusetts	2,401,047	64.7	35.3	Z	145,726	94.9	5.1	Z
Michigan	13,947,960	39.9	20.7	39.4	2,515,008	37.1	62.9	<0.05
Minnesota	9,786,198	14.3	27.8	57.9	290,346	61.4	38.6	Z
Mississippi	260,757	44.8	55.2	<0.05	96,564	70.9	14.6	14.5
Missouri	1,341,916	31.3	67.9	0.8	543,964	90.0	10.0	Z
Montana	9,333,885	8.4	3.3	88.3	1,574	100.0	Z	Z
Nebraska	676,695	49.4	50.3	0.3	85,706	83.7	16.3	Z
Nevada	419,977	27.7	72.2	<0.05	63,735	94.5	5.5	Z
New Hampshire	713,206	59.5	40.5	<0.05	18,153	100.0	Z	Z
New Jersey	2,508,152	55.6	44.3	0.1	396,143	70.1	29.9	<0.05
New Mexico	83,957	28.5	71.2	0.4	261,221	91.8	8.2	Z
New York	6,890,165	81.3	18.6	0.1	976,089	94.5	3.5	2.1
North Carolina	1,923,947	35.9	64.1	<0.05	524,330	96.5	3.5	<0.05
North Dakota	3,283,519	47.8	50.7	1.6	6,333	98.8	1.2	Z
Ohio	14,752,656	21.1	12.8	66.1	738,930	85.1	14.8	0.2
Oklahoma	591,149	21.2	49.6	29.2	186,932	98.5	1.5	0.0
Oregon	3,065,876	24.1	75.9	<0.05	78,284	89.8	10.1	0.1
Pennsylvania	8,321,088	39.4	31.1	29.5	589,790	73.4	26.6	0.0
Rhode Island	180,731	73.6	26.4	Z	15,584	100.0	<0.05	Z
South Carolina	943,585	36.4	63.4	0.1	166,078	84.1	9.6	6.3
South Dakota	453,078	48.8	51.2	Z	11,841	63.3	36.7	Z
Tennessee	2,666,723	24.5	75.5	<0.05	548,063	86.7	9.5	3.8
Texas	4,750,866	24.8	67.1	8.1	11,877,877	80.1	16.7	3.2
Utah	789,241	33.6	62.7	3.8	117,775	96.6	3.4	<0.05
Vermont	1,444,583	66.6	33.4	<0.05	21,591	33.8	66.2	Z
Virginia	1,015,294	42.7	56.5	0.9	121,570	79.3	20.7	<0.05
Washington	10,270,992	24.0	19.2	56.8	87,176	82.6	17.4	Z
West Virginia	560,311	30.0	70.0	<0.05	122,817	2.4	97.6	<0.05
Wisconsin	3,896,133	29.0	62.4	8.5	663,672	97.8	2.2	<0.05
Wyoming	4,290,301	2.0	6.8	91.2	4,552	96.3	3.6	0.1
<b>United States, total<sup>2</sup></b>	<b>196,122,167</b>	<b>24.5</b>	<b>27.1</b>	<b>48.5</b>	<b>36,003,696</b>	<b>76.3</b>	<b>22.1</b>	<b>1.6</b>

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

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

**KEY:** Z = No activity.

**NOTES:** For "Other" category of Imports from Canada, approximately 99.6 percent of the weight arrives by pipeline. For the category "Other" Imports from Mexico, approximately 84.5 percent of the weight is via pipeline, and approximately 15.2 percent of the weight arrives by Foreign Trade Zones. Data in metric tons can be obtained from the Research and Innovative Technology Administration, Bureau of Transportation Statistics, Transborder Freight Database available at <http://www.bts.gov/programs/international/transborder/> as of April 2010.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *North American Transborder Freight Data*, available at <http://www.bts.gov/programs/international/transborder/> as of Apr. 19, 2010.

**Table 3-12: Incoming Truck Crossings, U.S.–Canadian Border: 2002–2009  
(Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	12	11	11	10	9	10	10	9
Idaho	58	50	49	52	58	61	61	58
Maine	511	478	520	504	461	418	376	336
Michigan	2,641	2,626	2,716	2,737	2,671	2,600	2,297	1,868
Minnesota	117	110	103	89	78	75	77	67
Montana	188	156	168	165	168	183	169	145
New York	2,011	2,001	1,987	1,903	1,865	1,796	1,646	1,398
North Dakota	350	330	341	334	349	383	393	363
Vermont	320	314	334	313	307	295	254	216
Washington	707	652	675	678	682	(R) 657	612	559
United States, total	6,916	6,728	6,904	6,784	6,649	(R) 6,478	5,895	5,021

**KEY:** R = revised.

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

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of Apr. 27, 2010.

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	8	9	9	8	7	8	7	7
Idaho	56	47	45	48	53	53	51	50
Maine	391	388	407	396	370	333	272	189
Michigan	2,248	2,242	2,301	2,315	2,271	2,220	1,958	1,542
Minnesota	95	89	85	72	59	48	42	38
Montana	170	141	155	140	149	162	145	119
New York	1,763	1,770	1,752	1,778	1,733	1,556	1,331	1,118
North Dakota	314	295	322	316	286	313	303	262
Vermont	276	260	259	267	276	213	218	195
Washington	497	433	482	479	471	456	370	376
United States, total	5,818	5,673	5,818	5,819	5,675	5,362	4,698	3,897

**NOTES:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some  
The states listed in the table comprise all states with *Incoming Truck Container (loaded)* crossings at U.S.–Canadian border

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	2	1	1	1	1	1	1	1
Idaho	3	3	3	3	5	8	9	9
Maine	78	98	103	96	106	103	99	131
Michigan	402	347	360	360	349	342	312	281
Minnesota	24	21	18	18	20	26	34	29
Montana	20	14	10	12	18	18	23	23
New York	228	226	226	216	217	228	309	278
North Dakota	35	34	29	40	67	66	89	103
Vermont	16	25	22	21	24	27	43	41
Washington	196	164	184	189	187	185	165	162
United States, total	1,002	933	958	956	995	1,004	1,084	1,057

**NOTES:** The data for incoming trucks exceeds the data for truck containers loaded and unloaded (empty) because some  
The states listed in the table comprise all states with *Incoming Truck Container (empty)* crossings U.S.–Canadian border.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of

**Table 3-15: Incoming Train Crossings, U.S.–Canadian Border: 2002–2009**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	279	264	253	301	307	363	364	318
Idaho	845	934	1,000	1,130	1,283	1,122	1,197	967
Maine	1,082	1,132	1,478	1,287	1,412	1,353	1,172	743
Michigan	9,669	10,237	9,679	10,349	8,467	8,353	7,531	5,490
Minnesota	9,737	10,452	9,454	8,849	8,953	8,169	8,512	6,556
Montana	339	367	413	382	383	432	367	344
New York	5,192	4,713	4,882	4,771	4,574	3,816	4,071	4,042
North Dakota	1,980	2,182	2,090	2,169	3,040	3,887	3,600	2,887
Vermont	908	987	884	802	944	868	878	767
Washington	2,791	2,869	3,134	2,767	3,163	1,999	2,088	1,920
United States, total	32,822	34,137	33,267	32,807	32,526	30,362	29,780	24,034

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of Apr. 27, 2010.

**Table 3-16: Incoming Rail Container (Full) Crossings, U.S.–Canadian Border: 2002–2009**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	60,502	68,047	71,759	82,294	88,632	87,387	92,915	68,792
Maine	17,417	15,405	22,639	22,885	17,996	16,215	16,666	12,513
Michigan	568,557	560,264	560,211	538,269	493,942	479,025	430,908	325,594
Minnesota	258,710	257,508	273,769	259,227	240,626	226,465	260,601	224,202
Montana	17,707	19,539	30,341	20,148	21,979	24,874	18,528	14,405
New York	204,948	205,573	217,840	226,144	201,448	193,591	168,927	127,635
North Dakota	129,506	137,965	148,605	148,260	184,754	220,574	215,901	164,274
Vermont	42,567	42,030	44,614	42,927	40,330	36,328	34,386	24,665
Washington	83,740	96,057	114,856	117,862	118,684	98,427	74,082	60,852
United States, total	1,383,654	1,402,388	1,484,634	1,458,016	1,408,391	1,382,886	1,312,914	1,022,932

**KEY:** NA = not applicable.

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of Apr. 27, 2010.

**Table 3-17: Incoming Rail Container (Empty) Crossings, U.S.–Canadian Border: 2002–2009**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	4,669	6,452	6,374	6,527	6,902	6,935	7,750	6,338
Maine	19,458	16,438	21,660	22,024	21,439	23,455	18,833	12,005
Michigan	190,749	197,555	191,389	191,831	208,520	234,684	239,853	223,346
Minnesota	59,750	68,124	59,888	63,557	74,640	64,387	74,841	70,969
Montana	8,924	8,637	9,655	9,251	10,165	12,648	13,446	10,712
New York	51,411	52,025	58,272	69,092	56,771	57,183	55,514	49,459
North Dakota	70,588	81,036	76,679	85,063	102,090	120,587	125,778	107,998
Vermont	11,175	10,397	12,150	10,924	10,241	9,708	10,315	8,792
Washington	24,598	25,193	30,208	24,272	24,628	27,403	39,337	40,865
United States, total	441,322	465,857	466,275	482,541	515,396	556,990	585,667	530,484

**KEY:** NA = not applicable.

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.transtats.bts.gov/BorderCrossing.aspx> as of Apr. 27, 2010.

**Table 3-18: Incoming Truck Crossings, U.S.-Mexican Border: 2002–2009  
(Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	312	313	323	346	368	370	376	344
California	1,067	1,020	1,111	1,123	1,131	1,140	1,179	1,027
New Mexico	33	33	34	39	42	46	51	66
Texas	3,015	2,872	3,036	3,168	3,217	3,327	3,260	2,855
United States, total	4,427	4,238	4,504	4,676	4,760	4,883	4,866	4,291

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	227	232	241	258	271	277	286	265
California	580	611	660	669	691	702	693	621
New Mexico	23	25	26	29	34	37	37	46
Texas	1,692	1,731	1,922	2,075	2,050	2,051	1,966	1,797
United States, total	2,523	2,600	2,848	3,031	3,047	3,066	2,982	2,729

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	88	79	79	87	92	92	88	81
California	497	480	476	459	413	438	481	399
New Mexico	9	7	6	10	8	9	13	20
Texas	1,318	1,128	1,103	1,090	1,180	1,248	1,280	1,051
United States, total	1,911	1,693	1,665	1,646	1,694	1,787	1,862	1,550

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 3-21: Incoming Train Crossings, U.S.-Mexican Border: 2002–2009**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	607	457	444	785	653	588	640	563
California	578	509	562	727	814	905	699	506
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	6,572	6,808	6,838	7,946	8,699	9,155	8,923	6,406
United States, total	7,757	7,774	7,844	9,458	10,166	10,648	10,262	7,475

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	31,789	24,602	27,439	28,748	41,821	34,060	31,975	26,735
California	2,104	1,193	1,262	3,918	1,933	2,073	1,654	410
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	235,657	240,674	277,047	302,945	339,499	329,303	298,949	211,524
United States, total	269,550	266,469	305,748	335,611	383,253	365,436	332,578	238,669

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation

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

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	20,447	21,083	19,460	18,083	17,994	18,309	23,582	18,097
California	8,963	9,509	13,829	14,395	12,862	13,953	11,991	9,924
New Mexico	NA	NA	NA	NA	NA	NA	NA	NA
Texas	303,362	310,414	336,268	360,470	389,182	415,813	408,234	307,609
United States, total	332,772	341,006	369,557	392,948	420,038	448,075	443,807	335,630

**KEY:** NA = not applicable.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation

# Freight Transportation

**Table 3-24: Top 50 U.S. Foreign Trade Freight Gateways: 2008**  
(Ranked by value of shipments in billions of dollars)

Gateway <sup>1</sup>	Mode	Rank	Exports	Imports	Total
New York, NY	Water	1	51.0	138.5	189.5
Los Angeles, CA	Water	2	33.6	148.7	182.4
John F. Kennedy International Airport, NY	Air	3	85.5	82.4	167.9
Long Beach, CA	Water	4	32.8	119.2	152.0
Houston, TX	Water	5	68.5	78.2	146.7
Detroit, MI	Land	6	66.5	53.7	120.2
Laredo, TX	Land	7	53.9	61.8	115.8
Chicago, IL	Air	8	35.9	61.2	97.0
Port Huron, MI	Land	9	35.2	46.0	81.2
Buffalo-Niagara Falls, NY	Land	10	40.3	40.5	80.8
Los Angeles International Airport, CA	Air	11	41.3	37.0	78.3
Charleston, SC	Water	12	22.3	39.9	62.1
Savannah, GA	Water	13	22.8	36.0	58.8
Norfolk, VA	Water	14	26.5	29.9	56.3
San Francisco International Airport, CA	Air	15	26.6	26.2	52.8
El Paso, TX	Land	16	20.2	28.0	48.2
Baltimore, MD	Water	17	16.1	29.0	45.1
New Orleans, LA	Air	18	19.9	25.1	45.0
New Orleans, LA	Water	19	20.2	21.4	41.7
Anchorage, AK	Air	20	10.2	31.2	41.4
Miami International Airport Cargo Facilities, FL	Air	21	29.2	10.8	40.0
Dallas-Fort Worth, TX	Air	22	16.4	23.1	39.5
Seattle, WA	Water	23	9.8	27.9	37.7
Oakland, CA	Water	24	12.8	24.9	37.7
Morgan City, LA	Water	25	0.3	37.4	37.7
Tacoma, WA	Water	26	8.3	29.0	37.3
Atlanta, GA	Air	27	12.3	19.9	32.2
Otay Mesa, CA	Land	28	10.6	21.2	31.8
Cleveland, OH	Air	29	17.6	13.2	30.9
Corpus Christie, TX	Water	30	5.2	24.7	29.9
Beaumont, TX	Water	31	2.9	25.3	28.2
Philadelphia, PA	Water	32	3.7	21.4	25.1
Champlain-Rouses Point, NY	Land	33	9.4	14.2	23.6
Texas City, TX	Water	34	2.7	20.7	23.4
Port Everglades, FL	Water	35	12.5	10.6	23.1
Jacksonville, FL	Water	36	11.2	11.8	22.9
Chicago, IL	Land	37	0.0	22.7	22.7
Gramercy, LA	Water	38	8.8	13.5	22.3
Hidalgo, TX	Land	39	9.9	12.3	22.1
Miami, FL	Water	40	10.5	11.1	21.6
San Juan International Airport, PR	Air	41	12.3	8.9	21.3
Pembina, ND	Land	42	11.2	8.6	19.9
Nogales, AZ	Land	43	6.9	12.2	19.1
Christiansted, VI	Water	44	2.6	16.4	19.0
Blaine, WA	Land	45	11.0	7.4	18.4
Washington, DC	Air	46	5.6	11.9	17.5
Portland, OR	Water	47	5.2	11.7	16.9
Portal, ND	Land	48	9.6	6.9	16.5
Freeport, TX	Water	49	2.3	13.9	16.2
Sweetgrass, MT	Land	50	7.9	8.0	15.8
<b>Total top 50 gateways</b>			<b>998.1</b>	<b>1,635.3</b>	<b>2,633.4</b>

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

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

**SOURCES: Air:** U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Division, special tabulation, Apr. 12, 2010; **Water:** U.S. Army Corps of Engineers, Navigation Data Center, special tabulation, Apr. 12, 2010; **Land:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Transborder Freight Data*, Apr. 12, 2010.



# Section D

\* \* \*

## Passenger Travel



# Passenger Travel

**Table 4-1: Commuting to Work: 2008**

State	Number of workers	Percent						Mean travel time to work (minutes)
		Car, truck, or van- drove alone	Car, truck, or van- carpooled	Public transportation (excluding taxicab)	Walked	Taxicab, motorcycle, bicycle or other means	Worked at home	
Alabama	2,051,673	83.0	11.8	0.5	1.3	1.1	2.3	24.0
Alaska	340,794	66.2	14.4	1.7	7.1	4.6	5.9	18.4
Arizona	2,900,947	75.3	13.1	2.3	1.9	2.5	4.9	25.0
Arkansas	1,252,670	80.2	12.6	0.4	2.0	1.5	3.3	21.3
California	16,809,493	72.7	11.9	5.3	2.8	2.5	4.8	27.0
Colorado	2,552,101	73.7	11.3	3.4	2.7	2.6	6.3	24.6
Connecticut	1,748,301	78.7	8.8	4.4	2.9	1.3	4.1	25.1
Delaware	416,457	78.6	10.6	3.8	2.4	1.7	3.0	25.0
District of Columbia	302,634	37.2	6.6	35.7	12.1	3.7	4.7	29.5
Florida	8,277,340	79.4	10.3	2.0	1.5	2.3	4.5	25.9
Georgia	4,508,260	77.7	11.9	2.4	1.5	1.8	4.8	27.0
Hawaii	656,455	65.7	16.2	5.9	4.2	3.4	4.6	26.1
Idaho	713,986	74.1	12.9	1.0	3.2	3.6	5.3	20.2
Illinois	6,216,215	73.3	9.4	8.7	3.0	1.6	4.0	28.5
Indiana	3,028,953	81.9	10.1	1.1	2.3	1.5	3.1	23.2
Iowa	1,568,781	77.9	11.0	1.2	4.1	1.4	4.4	18.5
Kansas	1,436,438	80.9	10.3	0.5	2.6	1.5	4.2	19.1
Kentucky	1,878,990	81.2	11.3	1.2	2.4	1.0	2.9	22.6
Louisiana	1,958,662	81.5	10.9	1.3	2.0	1.9	2.4	25.3
Maine	649,769	77.3	10.9	0.7	4.0	1.8	5.2	23.3
Maryland	2,910,684	73.2	10.8	8.5	2.3	1.3	3.8	31.5
Massachusetts	3,307,074	72.3	8.6	8.9	4.6	1.7	3.9	27.3
Michigan	4,460,720	82.2	9.4	1.4	2.2	1.2	3.5	24.0
Minnesota	2,778,345	77.7	9.4	3.4	2.9	1.7	4.9	22.6
Mississippi	1,241,077	81.7	12.3	0.4	1.7	1.7	2.2	24.1
Missouri	2,846,494	79.8	11.1	1.6	2.0	1.2	4.2	23.8
Montana	477,006	72.8	11.4	1.1	5.5	2.7	6.5	17.9
Nebraska	944,360	79.7	10.2	0.7	3.1	1.3	4.9	18.0
Nevada	1,258,074	76.8	12.1	3.7	2.4	2.0	3.0	24.0
New Hampshire	704,290	81.0	8.4	0.8	3.3	1.4	5.1	26.0
New Jersey	4,285,430	71.7	9.1	10.3	3.3	2.2	3.3	30.1
New Mexico	890,535	76.6	12.7	1.2	2.6	2.4	4.5	21.9
New York	9,215,293	53.7	7.7	26.7	6.3	1.7	3.9	31.6
North Carolina	4,371,214	80.0	11.5	1.1	1.7	1.3	4.3	23.4
North Dakota	347,958	77.8	10.0	0.6	3.7	1.7	6.1	16.0
Ohio	5,447,031	82.6	8.9	1.9	2.2	1.2	3.3	22.9
Oklahoma	1,696,486	80.5	11.9	0.4	2.0	1.7	3.6	21.2
Oregon	1,796,478	71.7	10.8	4.5	3.9	3.2	5.9	22.5
Pennsylvania	5,911,642	76.2	9.7	5.3	4.0	1.3	3.4	25.8
Rhode Island	509,180	80.8	8.0	2.7	3.1	1.7	3.7	23.1
South Carolina	2,017,119	81.1	10.9	0.7	1.8	1.8	3.7	23.3
South Dakota	420,183	78.2	9.8	0.5	4.6	1.6	5.2	16.4
Tennessee	2,854,572	82.7	10.6	0.7	1.4	1.2	3.4	24.0
Texas	11,316,901	78.3	12.4	1.7	1.7	2.0	3.8	25.1
Utah	1,299,118	75.0	13.1	2.4	3.0	1.9	4.6	21.3
Vermont	332,102	73.3	11.1	0.9	6.3	1.7	6.7	21.9
Virginia	3,927,400	76.7	10.9	4.3	2.3	1.5	4.3	26.9
Washington	3,200,757	71.5	12.2	5.5	3.6	2.2	5.0	25.4
West Virginia	766,951	80.9	10.9	0.8	3.1	1.4	3.0	25.4
Wisconsin	2,913,085	79.3	9.8	1.9	3.3	1.9	3.8	21.7
Wyoming	279,489	74.9	12.7	1.3	3.9	2.4	5.0	18.7
United States, total	143,995,967	75.5	10.7	5.0	2.8	1.8	4.1	25.5

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, 2008 American Community Survey 1-Year Estimate, available at <http://www.census.gov/acs/www/> as of Apr. 13, 2010.

**Table 4-2: Licensed Drivers: 2008**

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	3,753,550	0.80	4,661,900	3,671,200	805	1,022
Alaska	503,162	0.74	686,293	528,405	733	952
Arizona	4,315,579	1.00	6,500,180	4,975,709	664	867
Arkansas	2,055,189	1.02	2,855,390	2,233,398	720	920
California	23,697,667	0.72	36,756,666	28,492,781	645	832
Colorado	3,605,682	2.29	4,939,456	3,865,113	730	933
Connecticut	2,883,324	0.94	3,501,252	2,788,471	824	1,034
Delaware	651,877	0.76	873,092	690,990	747	943
District of Columbia	373,735	1.76	591,833	492,806	631	758
Florida	14,033,844	0.87	18,328,340	14,796,088	766	948
Georgia	6,257,484	0.74	9,685,744	7,417,769	646	844
Hawaii	884,767	0.95	1,288,198	1,035,429	687	854
Idaho	1,038,314	0.80	1,523,816	1,156,761	681	898
Illinois	8,260,940	0.85	12,901,563	10,088,978	640	819
Indiana	5,550,469	0.97	6,376,792	4,974,895	870	1,116
Iowa	1,989,663	0.59	3,002,555	2,374,594	663	838
Kansas	2,021,905	0.84	2,802,134	2,180,905	722	927
Kentucky	2,932,659	0.82	4,269,245	3,378,568	687	868
Louisiana	2,998,162	0.77	4,410,796	3,432,616	680	873
Maine	1,006,057	0.96	1,316,456	1,077,777	764	933
Maryland	3,786,650	0.85	5,633,597	4,455,297	672	850
Massachusetts	4,674,058	0.89	6,497,967	5,245,355	719	891
Michigan	7,118,378	0.91	10,003,422	7,913,100	712	900
Minnesota	3,190,183	0.67	5,220,393	4,113,132	611	776
Mississippi	1,935,764	0.97	2,938,618	2,259,986	659	857
Missouri	4,196,682	0.87	5,911,605	4,659,430	710	901
Montana	738,982	0.82	967,440	774,664	764	954
Nebraska	1,346,406	0.79	1,783,432	1,387,409	755	970
Nevada	1,678,550	1.21	2,600,167	2,004,027	646	838
New Hampshire	1,031,158	0.86	1,315,809	1,060,287	784	973
New Jersey	5,782,155	0.95	8,682,661	6,877,132	666	841
New Mexico	1,365,249	0.89	1,984,356	1,539,499	688	887
New York	11,284,545	1.04	19,490,297	15,624,059	579	722
North Carolina	6,457,000	1.05	9,222,414	7,228,860	700	893
North Dakota	473,019	0.67	641,481	515,794	737	917
Ohio	7,962,266	0.74	11,485,910	9,085,157	693	876
Oklahoma	2,301,848	0.72	3,642,361	2,839,156	632	811
Oregon	2,856,085	0.94	3,790,060	3,025,474	754	944
Pennsylvania	8,646,273	0.84	12,448,279	10,033,800	695	862
Rhode Island	748,351	0.95	1,050,788	850,951	712	879
South Carolina	3,185,408	0.90	4,479,800	3,539,603	711	900
South Dakota	597,326	0.67	804,194	629,010	743	950
Tennessee	4,450,644	0.89	6,214,888	4,907,628	716	907
Texas	15,374,063	0.87	24,326,974	18,315,472	632	839
Utah	1,687,306	0.70	2,736,424	1,972,123	617	856
Vermont	541,990	0.95	621,270	509,882	872	1,063
Virginia	5,301,182	0.82	7,769,089	6,155,777	682	861
Washington	4,953,872	0.84	6,549,224	5,191,341	756	954
West Virginia	1,360,926	1.00	1,814,468	1,475,218	750	923
Wisconsin	4,075,764	0.83	5,627,967	4,472,917	724	911
Wyoming	404,489	0.63	532,668	419,262	759	965
United States, total	208,320,601	0.85	304,059,724	238,734,055	685	873

<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 2008* (Washington, DC: 2010), table DL-1C, available at <http://www.fhwa.dot.gov/policyinformation/> as of Apr. 13, 2010.

# Passenger Travel

**Table 4-3: Transit Ridership in the 50 Largest Urbanized Areas: 2007 and 2008**

Urbanized area	Population (2000)	Rank by population	Annual unlinked passenger trips (thousands)		Percent in 2008					Percent in 2007				
			2008	2007	Motor bus	Heavy rail	Light rail	Commuter rail	Other	Motor bus	Heavy rail	Light rail	Commuter rail	Other
New York-Newark, NY-NJ-CT	17,799,861	1	4,159,309	4,053,990	31.6	60.6	0.5	6.4	0.9	31.1	61.1	0.5	6.5	0.9
Los Angeles-Long Beach-Santa Ana, CA	11,789,487	2	697,825	717,411	84.5	6.2	6.2	1.8	1.3	86.0	5.7	5.8	1.7	0.9
Chicago, IL-IN	8,307,904	3	649,604	619,412	56.1	30.5	0.0	12.5	0.9	55.6	30.7	0.0	12.7	0.9
Philadelphia, PA-NJ-DE-MD	5,149,079	4	361,236	340,748	53.1	28.3	8.2	9.6	0.8	52.5	28.7	8.1	9.9	0.8
Miami, FL	4,919,036	5	172,464	168,943	79.5	10.7	0.0	2.2	7.5	80.2	10.4	0.0	2.0	7.4
Dallas-Fort Worth-Arlington, TX	4,145,659	6	76,043	82,189	67.2	0.0	25.6	3.6	3.7	72.4	0.0	21.8	3.0	2.8
Boston, MA-NH-RI	4,032,484	7	377,999	364,193	28.9	39.3	19.5	10.4	1.9	28.9	39.4	19.3	10.7	1.7
Washington, DC-VA-MD	3,933,920	8	481,776	465,131	39.0	59.8	0.0	0.7	0.4	39.5	59.4	0.0	0.7	0.4
Detroit, MI	3,903,377	9	53,178	49,559	93.7	0.0	0.0	0.0	6.3	93.3	0.0	0.0	0.0	6.7
Houston, TX	3,822,509	10	100,443	100,987	84.3	0.0	11.7	0.0	3.9	85.0	0.0	11.6	0.0	3.4
Atlanta, GA	3,499,840	11	162,899	158,478	47.9	50.9	0.0	0.0	1.2	50.0	49.0	0.0	0.0	1.0
San Francisco-Oakland, CA	3,228,605	12	442,185	422,803	40.9	26.1	11.4	2.5	19.2	43.2	25.8	9.9	2.4	18.8
Phoenix-Mesa, AZ	2,907,049	13	72,589	65,827	96.7	0.0	0.0	0.0	3.3	96.7	0.0	0.0	0.0	3.3
Seattle, WA	2,712,205	14	195,507	181,903	70.8	0.0	0.7	1.4	27.1	68.2	0.0	0.5	1.2	30.2
San Diego, CA	2,674,436	15	104,806	99,344	59.3	0.0	36.6	1.6	2.5	60.5	0.0	35.3	1.6	2.6
Minneapolis-St. Paul, MN	2,388,593	16	94,799	88,866	86.9	0.0	10.8	0.0	2.3	87.4	0.0	10.2	0.0	2.3
St. Louis, MO-IL	2,077,662	17	56,206	56,486	63.0	0.0	35.0	0.0	2.0	59.5	0.0	38.6	0.0	2.0
Baltimore, MD	2,076,354	18	119,141	110,366	73.9	11.7	6.6	6.6	1.2	74.0	11.9	6.1	6.8	1.1
Tampa-St. Petersburg, FL	2,062,339	19	27,710	25,626	96.4	0.0	1.7	0.0	1.8	95.9	0.0	2.2	0.0	1.9
Denver-Aurora, CO	1,984,889	20	101,176	94,196	77.6	0.0	20.4	0.0	2.0	78.5	0.0	19.8	0.0	1.7
Cleveland, OH	1,786,647	21	57,681	61,179	79.6	13.2	5.7	0.0	1.5	81.5	12.2	5.0	0.0	1.4
Pittsburgh, PA	1,753,136	22	69,175	71,712	85.2	0.0	10.3	0.0	4.5	85.6	0.0	9.9	0.0	4.5
Portland, OR-WA	1,583,138	23	111,693	106,660	63.9	0.0	34.9	0.0	1.2	64.9	0.0	33.9	0.0	1.3
San Jose, CA	1,538,312	24	44,895	43,434	74.4	0.0	23.3	0.0	2.4	74.0	0.0	23.7	0.0	2.4
Riverside-San Bernardino, CA	1,506,816	25	22,605	22,900	95.7	0.0	0.0	0.0	4.3	95.9	0.0	0.0	0.0	4.1
Cincinnati, OH-KY-IN	1,503,262	26	30,011	29,977	98.5	0.0	0.0	0.0	1.5	98.5	0.0	0.0	0.0	1.5
Virginia Beach, VA	1,394,439	27	29,268	26,895	96.9	0.0	0.0	0.0	3.1	96.8	0.0	0.0	0.0	3.2
Sacramento, CA	1,393,498	28	37,287	35,777	57.2	0.0	41.5	0.0	1.2	58.3	0.0	40.5	0.0	1.2
Kansas City, MO-KS	1,361,744	29	17,821	15,907	96.2	0.0	0.0	0.0	3.8	95.9	0.0	0.0	0.0	4.1
San Antonio, TX	1,327,554	30	48,349	41,718	97.5	0.0	0.0	0.0	2.5	97.2	0.0	0.0	0.0	2.8
Las Vegas, NV	1,314,357	31	66,168	73,064	98.5	0.0	0.0	0.0	1.5	86.0	0.0	0.0	0.0	14.0
Milwaukee, WI	1,308,913	32	53,703	48,387	97.5	0.0	0.0	0.0	2.5	97.3	0.0	0.0	0.0	2.7
Indianapolis, IN	1,218,919	33	9,890	9,409	97.0	0.0	0.0	0.0	3.0	96.8	0.0	0.0	0.0	3.2
Providence, RI-MA	1,174,548	34	22,851	22,414	96.2	0.0	0.0	0.0	3.8	96.1	0.0	0.0	0.0	3.9
Orlando, FL	1,157,431	35	27,235	26,078	97.0	0.0	0.0	0.0	3.0	97.1	0.0	0.0	0.0	2.9
Columbus, OH	1,133,193	36	16,662	14,970	98.7	0.0	0.0	0.0	1.3	98.8	0.0	0.0	0.0	1.2
New Orleans, LA	1,009,283	37	16,342	12,396	61.2	0.0	25.9	0.0	13.0	74.3	0.0	11.1	0.0	14.6
Buffalo, NY	976,703	38	26,173	24,146	77.9	0.0	21.7	0.0	0.4	75.4	0.0	24.2	0.0	0.4
Memphis, TN-MS-AR	972,091	39	11,514	11,741	89.0	0.0	8.8	0.0	2.2	89.0	0.0	8.8	0.0	2.2
Austin, TX	901,920	40	37,399	34,040	97.2	0.0	0.0	0.0	2.8	97.1	0.0	0.0	0.0	2.9
Bridgeport-Stamford, CT-NY	888,890	41	10,976	10,445	96.0	0.0	0.0	0.0	4.0	97.2	0.0	0.0	0.0	2.8
Salt Lake City, UT	887,650	42	41,714	41,350	56.1	0.0	35.4	3.4	5.1	56.3	0.0	39.4	0.0	4.3
Jacksonville, FL	882,295	43	11,140	11,193	92.4	0.0	0.0	0.0	7.6	90.9	0.0	0.0	0.0	9.1
Louisville, KY-IN	863,582	44	15,593	15,684	97.3	0.0	0.0	0.0	2.7	97.5	0.0	0.0	0.0	2.5
Hartford, CT	851,535	45	17,184	16,147	88.4	0.0	0.0	2.9	8.6	87.8	0.0	0.0	2.9	9.3
Richmond, VA	818,836	46	14,682	15,705	96.6	0.0	0.0	0.0	3.4	97.3	0.0	0.0	0.0	2.7
Charlotte, NC-SC	758,927	47	22,721	20,398	87.6	0.0	10.0	0.0	2.5	97.3	0.0	0.0	0.0	2.7
Nashville-Davidson, TN	749,935	48	10,311	9,081	94.1	0.0	0.0	1.6	4.3	95.2	0.0	0.0	1.2	3.6
Oklahoma City, OK	747,003	49	2,584	2,840	97.5	0.0	0.0	0.0	2.5	97.8	0.0	0.0	0.0	2.2
Tucson, AZ	720,425	50	18,858	18,205	97.6	0.0	0.0	0.0	2.4	97.6	0.0	0.0	0.0	2.4
<b>Top 50 urbanized area, total</b>	<b>127,900,270</b>		<b>9,429,379</b>	<b>9,160,308</b>	<b>49.9</b>	<b>37.5</b>	<b>4.8</b>	<b>5.0</b>	<b>2.8</b>	<b>49.9</b>	<b>37.7</b>	<b>4.6</b>	<b>5.0</b>	<b>2.8</b>
<b>United States, urbanized area total<sup>1</sup></b>	<b>193,134,710</b>		<b>10,200,168</b>	<b>9,888,416</b>	<b>53.2</b>	<b>34.7</b>	<b>4.4</b>	<b>4.6</b>	<b>3.0</b>	<b>53.2</b>	<b>34.9</b>	<b>4.2</b>	<b>4.6</b>	<b>3.1</b>
<b>Top 50 as percent of U.S. total</b>	<b>66.2</b>		<b>92.4</b>	<b>92.6</b>	<b>86.6</b>	<b>100.0</b>	<b>100.0</b>	<b>99.7</b>	<b>86.2</b>	<b>87.0</b>	<b>100.0</b>	<b>99.9</b>	<b>99.8</b>	<b>86.4</b>

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

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

2007 data are revised.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database, Monthly Database*, available at <http://www.ntdprogram.gov/ntdprogram/data.htm> as of Apr. 16, 2010.

**Table 4-4: Urban Transit Ridership by State and Transit Mode: 2008**

State	Number of agencies reporting	Annual unlinked passenger trips (thousands)	Percent				
			Motor bus	Heavy rail	Light rail	Commuter rail	Other
Alabama	10	7,243	82.7	0.0	0.0	0.0	17.3
Alaska	4	5,047	89.4	0.0	0.0	0.0	10.6
Arizona	12	92,735	96.9	0.0	0.0	0.0	3.1
Arkansas	4	4,327	94.3	0.0	3.1	0.0	2.6
California	84	1,452,341	69.3	10.9	10.9	1.8	7.1
Colorado	7	109,666	78.9	0.0	18.8	0.0	2.3
Connecticut	17	42,037	93.1	0.0	0.0	1.2	5.7
Delaware	1	9,483	91.0	0.0	0.0	0.0	9.0
District of Columbia	1	425,237	31.9	67.7	0.0	0.0	0.4
Florida	32	271,846	85.1	6.8	0.2	1.4	6.5
Georgia	15	173,391	50.6	47.9	0.0	0.0	1.5
Hawaii	2	71,310	97.8	0.0	0.0	0.0	2.2
Idaho	2	1,810	91.0	0.0	0.0	0.0	9.0
Illinois	15	668,465	57.8	29.6	0.0	11.5	1.0
Indiana	20	33,333	84.0	0.0	0.0	12.5	3.5
Iowa	11	19,970	95.4	0.0	0.0	0.0	4.6
Kansas	5	5,773	89.7	0.0	0.0	0.0	10.3
Kentucky	3	25,488	97.4	0.0	0.0	0.0	2.6
Louisiana	8	27,619	76.4	0.0	15.3	0.0	8.3
Maine	6	3,420	74.5	0.0	0.0	12.9	12.6
Maryland	12	156,213	79.6	8.9	5.1	5.1	1.3
Massachusetts	13	398,281	32.1	37.3	18.5	9.8	2.2
Michigan	20	99,941	93.4	0.0	0.0	0.0	6.6
Minnesota	6	102,135	87.7	0.0	10.0	0.0	2.3
Mississippi	2	1,320	89.8	0.0	0.0	0.0	10.2
Missouri	6	75,230	72.0	0.0	26.2	0.0	1.8
Montana	3	1,971	94.5	0.0	0.0	0.0	5.5
Nebraska	2	6,134	98.0	0.0	0.0	0.0	2.0
Nevada	2	75,467	98.4	0.0	0.0	0.0	1.6
New Hampshire	3	1,303	96.2	0.0	0.0	0.0	3.8
New Jersey	15	418,155	50.2	22.5	5.1	20.2	2.0
New Mexico	3	12,048	97.6	0.0	0.0	0.0	2.4
New York	42	3,831,923	30.7	63.6	0.1	4.8	0.8
North Carolina	14	53,885	92.2	0.0	4.2	0.0	3.6
North Dakota	2	678	64.2	0.0	0.0	0.0	35.8
Ohio	23	131,454	87.0	5.8	2.5	0.0	4.7
Oklahoma	4	6,949	95.1	0.0	0.0	0.0	4.9
Oregon	6	122,877	66.8	0.0	31.7	0.0	1.5
Pennsylvania	24	445,423	61.7	20.7	8.2	7.7	1.6
Rhode Island	2	21,916	96.9	0.0	0.0	0.0	3.1
South Carolina	8	8,428	90.9	0.0	0.0	0.0	9.1
South Dakota	2	1,355	84.4	0.0	0.0	0.0	15.6
Tennessee	8	30,447	91.5	0.0	3.3	0.5	4.6
Texas	29	298,091	85.0	0.0	10.5	0.9	3.6
Utah	2	43,670	58.0	0.0	33.8	3.3	5.0
Vermont	1	2,290	97.5	0.0	0.0	0.0	2.5
Virginia	19	78,061	93.1	0.0	0.0	4.6	2.3
Washington	18	238,892	73.8	0.0	0.6	1.1	24.5
West Virginia	4	4,527	98.0	0.0	0.0	0.0	2.0
Wisconsin	18	80,129	96.8	0.0	0.1	0.0	3.1
Wyoming	2	439	81.1	0.0	0.0	0.0	18.9
United States, total <sup>1</sup>	574	10,200,168	53.2	34.7	4.4	4.6	3.0

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

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

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, *National Transit Database, Annual Data Tables*, table 19, available at <http://www.ntdprogram.gov/ntdprogram/> as of Apr. 14, 2010.

**Table 4-5: Top 50 Amtrak Stations by Number of Passengers Handled<sup>1</sup>: 2008 and 2009**

Station	Fiscal Year 2008		Fiscal Year 2009	
	Rank	Number of passengers	Rank	Number of passengers
New York City (Penn Station), NY	1	8,739,345	1	7,832,874
Washington, DC	2	4,489,955	2	4,278,930
Philadelphia 30th St., PA	3	3,968,278	3	3,675,761
Chicago, IL	4	3,104,151	4	3,080,564
Los Angeles, CA	5	1,582,364	5	1,475,920
Boston-South Station, MA	6	1,393,691	6	1,287,615
Sacramento, CA	7	1,146,308	7	1,109,351
Baltimore, MD	8	1,020,304	8	932,827
San Diego, CA	9	912,096	9	731,394
Albany-Rensselaer, NY	10	830,740	10	723,913
Wilmington, DE	11	731,539	11	664,429
New Haven, CT	12	705,458	12	661,656
Newark, NJ	13	679,279	13	630,939
Irvine, CA	14	669,405	14	629,748
Portland, OR	18	598,633	15	618,131
Baltimore-Washington Intl. Airport, MD	15	644,640	16	617,349
Seattle, WA	16	617,067	17	615,735
Providence, RI	17	608,417	18	582,296
Milwaukee, WI	19	565,009	19	553,475
Harrisburg, PA	21	527,056	20	539,167
Emeryville, CA	20	528,203	21	520,969
Lancaster, PA	22	484,102	22	492,629
Davis, CA	23	451,995	23	434,779
Fullerton, CA	26	443,953	24	417,649
Trenton, NJ	24	451,090	25	411,869
Solana Beach, CA	25	448,081	26	411,687
Boston-North, MA	29	414,835	27	403,203
Boston Back Bay, MA	28	424,605	28	398,240
Bakersfield, CA	27	427,087	29	395,254
Martinez, CA	32	398,683	30	394,814
Metropark, NJ	30	406,287	31	369,477
Route 128, MA	31	404,908	32	366,649
Oakland, CA	33	379,580	33	347,538
Stamford, CT	34	368,918	34	337,674
Anaheim, CA	35	357,906	35	335,562
Fresno, CA	36	335,298	36	334,966
Oceanside, CA	37	325,877	37	303,546
Richmond, CA	38	306,657	38	282,357
St. Louis, MO	41	271,997	39	278,778
Santa Barbara, CA	39	294,968	40	262,774
Richmond (Staples Mill), VA	40	275,479	41	256,006
Lorton, VA (Auto Train)	43	234,839	42	232,955
Sanford, FL (Auto Train)	43	234,839	42	232,955
San Juan Capistrano, CA	42	263,945	44	224,924
Stockton (San Joaquin St.), CA	46	226,311	45	223,268
San Jose, CA	45	228,564	46	206,971
Bloomington, IL	49	180,589	47	192,682
Hanford, CA	48	184,930	48	182,446
New Carrollton, MD	47	203,449	49	179,344
Springfield, IL	56	157,540	50	170,550
Top 50 stations, total		43,666,613		40,844,589
United States, all stations		57,109,215		54,126,339
Top 50 stations as percent of U.S. total		76.5		75.5

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

**NOTES:** Amtrak's fiscal year ends on September 30. The ranking is based on the 2009 data. The total for the top 50 stations in 2008 is not the sum of details in this table since some of the 2008 top 50 stations are not in the top 50 list in 2009.

**SOURCE:** National Passenger Railroad Corporation (Amtrak), News & Media, *State Fact Sheets*, available at <http://www.amtrak.com/servlet/ContentServer?c=Page&pagename=am%2FLayout&cid=1246041980432> as of Apr. 14, 2010.

# Passenger Travel

**Table 4-6: Top 50 Airports by Passengers Enplaned on U.S. Carriers: 1999, 2008, and 2009**

Airport	Rank in 2009	Number of enplanements		
		1999	2008	2009
Atlanta, GA (Hartsfield-Jackson Atlanta International)	1	37,232,485	43,251,133	41,875,839
Chicago, IL (Chicago O'Hare International)	2	31,657,965	31,357,564	28,994,466
Dallas, TX (Dallas/Fort Worth International)	3	27,592,758	26,838,812	26,332,812
Denver, CO (Denver International)	4	17,502,449	23,940,617	23,721,549
Los Angeles, CA (Los Angeles International)	5	24,043,891	22,669,005	21,676,680
Houston, TX (George Bush Intercontinental)	6	14,735,065	19,413,743	18,610,288
Phoenix, AZ (Phoenix Sky Harbor International)	7	16,089,706	19,224,795	18,329,229
Las Vegas, NV (McCarran International)	8	15,367,358	19,897,410	18,314,373
Charlotte, NC (Charlotte Douglas International)	9	9,442,282	17,193,157	17,078,366
New York, NY (John F. Kennedy International)	10	10,138,272	16,752,675	16,191,561
San Francisco, CA (San Francisco International)	11	16,563,022	15,760,022	15,997,148
Minneapolis, MN (Minneapolis-St. Paul International/Wold-Chamberlain)	12	15,390,844	16,317,285	15,505,689
Newark, NJ (Newark Liberty International)	13	14,912,219	16,117,237	15,208,723
Orlando, FL (Orlando International)	14	12,563,805	16,099,283	15,062,650
Detroit, MI (Detroit Metropolitan Wayne County)	15	16,570,055	16,751,796	15,042,151
Seattle, WA (Seattle-Tacoma International)	16	13,063,780	15,230,851	14,719,937
Philadelphia, PA (Philadelphia International)	17	10,346,557	15,266,795	14,714,285
Miami, FL (Miami International)	18	12,763,958	13,577,795	13,389,575
Boston, MA (General Edward Lawrence Logan International)	19	11,090,707	11,586,556	11,377,851
New York, NY (LaGuardia)	20	10,805,389	11,172,540	10,750,986
Baltimore, MD (Baltimore/Washington International Thurgood Marshall)	21	8,004,113	10,082,852	10,228,317
Salt Lake City, UT (Salt Lake International)	22	8,717,529	9,991,736	9,903,028
Washington, DC (Dulles International)	23	6,838,523	9,974,636	9,713,816
Fort Lauderdale, FL (Fort Lauderdale-Hollywood International)	24	6,223,985	10,372,202	9,568,333
Washington, DC (Ronald Reagan Washington National)	25	6,663,275	8,606,060	8,413,506
San Diego, CA (San Diego International)	26	7,252,579	8,931,012	8,380,119
Chicago, IL (Chicago Midway)	27	6,137,767	8,015,533	8,223,625
Tampa, FL (Tampa International)	28	6,912,306	8,691,544	8,081,857
Honolulu, HI (Honolulu International)	29	8,576,055	7,785,516	7,548,395
Portland, OR (Portland International)	30	6,541,043	6,959,281	6,351,480
St. Louis, MO (Lambert-St Louis International)	31	14,929,887	6,722,736	6,069,458
Cincinnati, OH (Cincinnati/Northern Kentucky International)	32	7,615,588	6,640,219	5,192,501
Memphis, TN (Memphis International)	33	4,533,738	5,375,882	5,053,691
Kansas City, MO (Kansas City International)	34	5,601,445	5,371,296	4,909,175
Cleveland, OH (Hopkins International)	35	5,921,429	5,371,709	4,693,669
Oakland, CA (Oakland International)	36	4,738,024	5,503,373	4,569,637
Raleigh, NC (Raleigh-Durham International)	37	4,026,007	4,755,384	4,407,859
Sacramento, CA (Sacramento International)	38	3,658,148	4,912,781	4,406,386
Nashville, TN (Nashville International)	39	4,064,137	4,622,908	4,368,811
Santa Ana, CA (John Wayne-Orange County)	40	3,642,580	4,463,009	4,310,909
Houston, TX (William P. Hobby)	41	4,214,715	4,224,298	4,084,737
San Jose, CA (Norman Y. Mineta San Jose International)	42	5,487,338	4,713,840	4,045,393
Austin, TX (Austin-Bergstrom International)	43	3,292,114	4,257,503	4,013,002
San Juan, PR (Luis Munoz Marin International)	44	4,531,970	4,547,000	3,980,766
Pittsburgh, PA (Pittsburgh International)	45	8,021,249	4,277,612	3,941,423
New Orleans, LA (Louis Armstrong International)	46	4,571,895	3,983,636	3,911,524
Milwaukee, WI (General Mitchell Field)	47	2,724,913	3,830,969	3,881,158
San Antonio, TX (San Antonio International)	48	3,340,356	3,951,928	3,731,117
Indianapolis, IN (Indianapolis International)	49	3,539,523	4,046,353	3,721,862
Dallas, TX (Dallas Love Field)	50	3,414,304	4,030,526	3,672,970
<b>Top 50 airports, total<sup>1</sup></b>		<b>512,005,341</b>	<b>573,432,405</b>	<b>546,272,682</b>
<b>United States, all airports</b>		<b>611,582,354</b>	<b>699,024,406</b>	<b>663,172,829</b>
<b>Top 50 as percent of all enplanements</b>		<b>84</b>	<b>82</b>	<b>82</b>

<sup>1</sup> The total for the top 50 airports in 1999 and 2008 will not sum from the individual airports because some top 50 airports in 2009 were not in the top 50 in the earlier years.

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *Schedule T-3 Data*, available at [http://www.transtats.bts.gov/databases.asp?Mode\\_ID=1&Mode\\_Desc=Aviation&Subject\\_ID2=0](http://www.transtats.bts.gov/databases.asp?Mode_ID=1&Mode_Desc=Aviation&Subject_ID2=0) as of May. 24, 2010.



**Table 4-7: Major Airports by On-Time Arrival Performance: 2008 and 2009  
(Percent on-time)**

Airport	(R) 2008		2009	
	Rank	On-time percentage	Rank	On-time percentage
Salt Lake City, UT (SLC)	1	83.6	1	85.1
Phoenix, AZ (PHX)	2	80.9	2	83.9
Chicago, IL (MDW)	3	80.7	3	83.5
Portland, OR (PDX)	16	77.7	4	83.0
Las Vegas, NV (LAS)	15	77.8	5	82.9
Houston, TX (IAH)	9	78.3	6	82.8
Los Angeles, CA (LAX)	18	76.9	7	82.7
Baltimore, MD (BWI)	4	80.3	8	82.5
Seattle, WA (SEA)	20	75.6	9	82.2
Cincinnati, OH (CVG)	6	79.1	10	82.2
St. Louis, MO (STL)	17	77.3	11	81.9
Detroit, MI (DTW)	5	80.0	12	81.9
San Diego, CA (SAN)	11	78.1	13	81.7
Tampa, FL (TPA)	12	78.0	14	81.3
Orlando, FL (MCO)	14	77.8	15	80.9
Washington, DC (IAD)	23	74.1	16	80.8
Denver, CO (DEN)	8	78.3	17	80.8
Washington, DC (DCA)	13	77.9	18	80.3
Charlotte, NC (CLT)	10	78.3	19	80.1
Chicago, IL (ORD)	29	67.7	20	79.4
Dallas/Ft. Worth, TX (DFW)	19	76.2	21	79.0
Minneapolis/St. Paul, MN (MSP)	7	78.9	22	78.9
Fort Lauderdale, FL (FLL)	22	75.1	23	78.0
Boston, MA (BOS)	24	73.4	24	76.5
Miami, FL (MIA)	26	70.9	25	75.8
Philadelphia, PA (PHL)	25	73.0	26	74.6
San Francisco, CA (SFO)	27	69.1	27	73.5
New York, NY (JFK)	28	68.6	28	73.5
Atlanta, GA (ATL)	21	75.5	29	72.6
New York, NY (LGA)	30	62.8	30	68.7
Newark, NJ (EWR)	31	62.3	31	65.8
At All U.S. Airports		76.0		79.5

**NOTES:** Major airports are those designated by the Office of Airline Information as having at least 1% of enplanements in the 48 contiguous states. Carriers reporting on-time data may change each year due to changes in carriers that are required to report and in carriers that report voluntarily. In 2009 the carriers were, Airtran, Alaska, American, American Eagle, Atlantic Southeast, Comair, Continental, Delta, ExpressJet, Frontier, Hawaiian, JetBlue, Mesa, Northwest, Pinnacle, Skywest, Southwest, United, and US Airways (including America West).

The percentage of on-time arrivals is based on the number of scheduled operations. Flights that are cancelled, diverted or arrived at the gate more than 15 minutes after the scheduled arrival are excluded from on-time arrivals.

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Office of Airline Information, *Airline On-time Tables- December 2009*, table 1 and 4 (Washington, DC: 2009), available at [http://www.bts.gov/programs/airline\\_information/airline\\_ontime\\_tables/](http://www.bts.gov/programs/airline_information/airline_ontime_tables/) as of Apr. 16, 2010.

**Table 4-8: Top 15 Cruise Ship Ports by Port of Departure: 2008 and 2009**

Port	2008			2009		
	Rank	Passengers (thousands)	Cruises	Rank	Passengers (thousands)	Cruises
Miami, FL	1	2,099	755	1	2,032	742
Fort Lauderdale, FL	3	1,188	526	2	1,277	537
Port Canaveral, FL	2	1,226	448	3	1,189	433
San Juan, PR	5	521	220	4	507	219
Seattle, WA	7	435	190	5	430	199
Long Beach, CA	11	365	151	6	415	158
San Diego, CA	8	416	206	7	413	196
Los Angeles, CA	4	607	253	8	412	157
New York, NY	6	477	188	9	403	150
Tampa, FL	10	393	177	10	401	181
Galveston, TX	9	403	142	11	386	134
New Orleans, LA	12	185	79	12	243	101
Jacksonville, FL	17	87	45	13	188	79
Baltimore, MD	22	46	25	14	166	77
Cape Liberty, NJ	14	163	49	15	156	48
All other ports <sup>1</sup>		(R)581	(R)340		655	367
Top 15 ports, total <sup>1</sup>		8,788	3,546		8,618	3,411
Total U.S. ports		(R)9,370	(R)3,886		9,273	3,778
Top 15 as percent of total <sup>1</sup>		(R)93.8	(R)91.3		92.9	90.3

**KEY:** R = revised.

<sup>1</sup>Data for 2008 are based on the top 15 cruise ship ports in that year.

**NOTES:** Cruise passenger statistics for this table are based on the passenger data provided by seventeen major cruise lines that offered North American cruises with a U.S. port of call. Details may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, *Cruise Statistics*, available at [http://www.marad.dot.gov/library\\_landing\\_page/data\\_and\\_statistics/Data\\_and\\_Statistics.htm](http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm) as of Apr. 15, 2010.

**Table 4-9: Incoming Personal Vehicle Crossings, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	112	114	117	112	(R) 99	(R) 107	(R) 92	98
Idaho	185	168	163	167	178	217	264	244
Maine	3,072	3,142	3,565	3,562	3,518	3,271	3,109	2,747
Michigan	10,011	9,157	8,978	8,882	8,497	8,075	7,307	6,440
Minnesota	953	1,017	1,052	1,004	1,006	1,073	1,085	1,037
Montana	453	423	462	460	493	544	(R) 527	777
New York	10,862	9,598	9,335	9,140	9,135	9,094	8,739	8,245
North Dakota	600	581	606	604	639	705	748	639
Vermont	1,511	1,426	1,431	1,443	1,406	1,371	1,407	1,250
Washington	4,779	4,593	4,951	4,978	5,066	5,311	5,401	5,443
United States, total	32,539	30,220	30,660	30,352	(R) 30,039	(R) 29,766	(R) 28,678	26,919

**KEY:** R = revised.

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-10: Incoming Passengers in Personal Vehicles, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	256	242	254	238	212	208	190	206
Idaho	404	362	353	368	387	392	528	457
Maine	6,054	6,085	6,720	6,836	6,696	5,035	5,000	4,531
Michigan	18,345	16,504	16,112	16,396	15,696	14,762	13,540	12,013
Minnesota	2,558	2,664	2,860	2,760	2,577	2,166	2,139	2,069
Montana	1,310	1,344	1,363	1,477	1,577	1,242	1,174	1,147
New York	25,641	21,197	21,255	20,570	20,923	20,127	19,383	18,031
North Dakota	1,576	1,533	1,563	1,560	1,535	1,459	1,531	1,288
Vermont	2,912	2,717	2,636	2,146	2,740	2,719	3,056	2,704
Washington	9,931	9,489	10,154	10,150	10,644	10,139	10,859	11,063
United States, total	68,987	62,137	63,270	62,501	62,986	58,248	57,401	53,509

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-11: Incoming Train Passengers, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	29.8	44.4	52.4	67.5	74.3	80.8	77.1	64.8
Idaho	2.2	1.9	1.9	1.7	2.5	2.2	2.3	2.0
Maine	4.0	2.2	2.8	2.3	2.7	2.7	2.4	1.5
Michigan	41.7	39.9	30.6	31.1	27.8	19.2	18.5	13.2
Minnesota	20.6	22.8	18.1	17.6	17.6	17.2	17.7	13.3
Montana	1.1	1.1	1.2	1.1	1.3	2.5	2.2	2.1
New York	82.3	66.7	62.4	66.8	71.9	61.0	70.6	65.7
North Dakota	5.8	5.8	6.0	6.5	7.8	11.5	9.5	7.7
Vermont	2.4	2.1	2.0	1.8	2.0	1.9	1.9	1.6
Washington	65.2	48.0	46.1	39.4	36.8	34.1	36.5	46.1
United States, total	255.1	234.8	223.5	235.8	244.7	233.1	238.6	217.8

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-12: Incoming Bus Crossings, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	9.4	10.1	10.2	11.1	(R) 11.2	(R) 12.2	(R) 11.9	11.0
Idaho	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.2
Maine	1.6	1.3	1.6	1.8	2.0	1.8	1.7	1.4
Michigan	49.9	55.8	58.5	51.2	44.8	43.9	39.5	36.8
Minnesota	3.5	3.4	4.1	4.3	3.3	3.0	3.0	2.7
Montana	1.3	1.4	1.4	1.2	0.9	0.7	(R) 0.7	0.6
New York	67.2	60.4	53.6	58.4	42.6	49.4	46.5	40.4
North Dakota	2.8	2.4	2.4	2.4	2.4	2.5	2.3	1.9
Vermont	5.5	5.2	5.4	5.9	4.8	4.5	4.0	3.6
Washington	19.1	16.2	18.0	16.8	17.1	18.1	17.3	17.7
United States, total	161.0	156.6	155.7	153.5	(R) 129.5	(R) 136.4	(R) 127.2	116.4

KEY: R = revised.

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

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-13: Incoming Passengers on Buses, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	141	148	146	148	157	171	167	170
Idaho	20	15	12	12	12	10	10	7
Maine	50	38	48	54	52	49	48	35
Michigan	1,201	1,194	1,268	1,157	1,106	1,147	1,013	415
Minnesota	76	76	81	79	68	59	59	47
Montana	28	27	30	29	27	23	22	15
New York	2,020	1,699	1,656	1,797	1,300	1,564	1,461	1,258
North Dakota	93	76	81	82	76	79	74	58
Vermont	155	130	141	105	151	138	129	108
Washington	430	377	428	392	549	443	422	391
United States, total	4,213	3,780	3,890	3,855	3,499	3,685	3,404	2,503

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

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-14: Incoming Pedestrians, U.S.-Canadian Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Alaska	0.2	0.3	4.1	4.0	3.5	0.9	0.7	2.8
Idaho	2.2	1.9	1.8	1.8	1.7	0.1	0.3	0.4
Maine	101.5	105.0	115.0	87.2	57.3	48.2	45.0	24.6
Michigan	U	U	U	U	8.4	12.3	16.2	16.5
Minnesota	25.6	29.2	29.8	26.1	21.9	15.5	16.3	15.8
Montana	6.1	7.0	4.9	4.5	3.0	2.5	2.1	5.0
New York	825.4	662.0	549.7	372.8	348.6	278.8	336.1	246.8
North Dakota	7.5	6.3	5.3	5.2	7.3	11.3	5.4	3.5
Vermont	19.5	16.2	12.8	14.5	11.0	7.5	4.5	3.6
Washington	93.6	109.5	102.7	89.3	71.1	64.0	73.1	60.8
United States, total	1,081.7	937.5	826.0	605.3	533.7	441.1	499.7	379.9

KEY: U = data are unavailable.

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

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-15: Incoming Personal Vehicle Crossings, U.S.-Mexican Border: 2002–2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	10,428	9,913	10,196	9,780	8,747	8,208	7,735	7,388
California	31,946	32,675	34,554	35,146	34,286	30,897	28,308	26,536
New Mexico	765	650	579	622	694	830	688	795
Texas	46,710	44,831	45,805	46,009	44,570	41,853	42,125	35,585
United States, total	89,849	88,068	91,134	91,556	88,296	81,788	78,857	70,305

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-16: Incoming Passengers in Personal Vehicles, U.S.-Mexican Border: 2002–2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	26,895	24,424	25,114	22,539	20,382	19,593	18,427	17,579
California	68,180	70,758	66,394	66,531	65,345	57,991	53,228	48,911
New Mexico	1,687	1,620	1,601	1,839	2,035	2,542	2,027	2,254
Texas	102,258	96,895	97,828	95,158	91,493	84,408	84,299	72,273
United States, total	199,021	193,697	190,937	186,067	179,255	164,534	157,982	141,017

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-17: Incoming Train Passengers, U.S.-Mexican Border: 2002–2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	2.2	1.7	1.7	1.0	2.6	2.4	2.6	2.3
California	4.2	2.1	2.2	2.0	2.2	1.3	3.2	1.9
New Mexico	U	U	U	U	U	U	U	U
Texas <sup>1</sup>	8.7	8.4	8.8	14.9	16.7	16.8	16.3	U
United States, total	15.1	12.1	12.7	17.8	21.5	20.5	22.0	4.2

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

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

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-18: Incoming Bus Crossings, U.S.-Mexican Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	13.2	13.4	12.7	13.5	18.5	16.9	15.7	14.0
California	165.4	185.7	153.2	148.0	149.0	147.4	138.9	109.7
New Mexico	0.9	1.4	1.3	1.4	2.4	2.9	3.0	2.6
Texas	129.8	118.5	101.9	93.6	92.9	98.0	108.9	102.1
United States, total	309.4	319.1	269.0	256.4	262.9	265.2	266.4	228.5

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-19: Incoming Passengers on Buses, U.S.-Mexican Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	178	210	209	243	379	310	260	194
California	1,814	1,577	1,315	1,289	1,426	1,231	1,022	645
New Mexico	10	17	18	21	25	40	37	34
Texas	1,925	1,943	1,846	1,617	1,358	1,808	2,137	1,557
United States, total	3,926	3,747	3,389	3,170	3,187	3,389	3,456	2,429

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-20: Incoming Pedestrians, U.S.-Mexican Border: 2002-2009 (Thousands)**

State	2002	2003	2004	2005	2006	2007	2008	2009
Arizona	9,682	9,155	9,186	10,075	11,329	11,806	10,517	8,067
California	18,628	18,193	18,197	16,462	15,518	16,553	15,064	14,124
New Mexico	264	259	261	276	251	265	226	276
Texas	21,704	21,056	20,440	19,017	19,154	20,915	19,033	18,847
United States, total	50,278	48,664	48,084	45,830	46,251	49,539	44,842	41,315

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

**SOURCE:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, *Border Crossing/Entry Data*, available at <http://www.bts.gov/programs/international/> as of Apr. 23, 2010.

**Table 4-21: Overseas Visitors to the United States by Destination State and Territory<sup>1</sup>: 2000, 2004, and 2008**

State	2000			2004			2008			2009		
	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total
New York	3	5,922	22.8	1	5,426	26.7	1	8,413	33.2	1	8,006	33.7
Florida	2	6,026	23.2	2	4,430	21.8	3	5,246	20.7	2	5,274	22.2
California	1	6,364	24.5	3	4,207	20.7	2	5,296	20.9	3	4,632	19.5
Nevada	5	2,364	9.1	5	1,626	8.0	4	2,103	8.3	4	1,900	8.0
Hawaiian Islands	4	2,727	10.5	4	2,215	10.9	5	1,825	7.2	5	1,853	7.8
Massachusetts	6	1,429	5.5	8	935	4.6	7	1,267	5.0	6	1,259	5.3
Illinois	7	1,377	5.3	7	975	4.8	6	1,419	5.6	7	1,164	4.9
Guam	8	1,325	5.1	6	1,036	5.1	8	1,191	4.7	8	1,140	4.8
New Jersey	10	909	3.5	10	833	4.1	10	1,039	4.1	9	926	3.9
Texas	9	1,169	4.5	9	874	4.3	9	1,090	4.3	10	903	3.8
Pennsylvania	13	649	2.5	11	691	3.4	11	1,014	4.0	11	879	3.7
Georgia	12	805	3.1	13	427	2.1	13	634	2.5	12	689	2.9
Arizona	11	883	3.4	12	630	3.1	12	710	2.8	13	665	2.8
Virginia	21	364	1.4	19	305	1.5	18	329	1.3	14	380	1.6
Washington	16	468	1.8	14	366	1.8	14	456	1.8	15	380	1.6
Colorado	14	519	2.0	16	345	1.7	15	380	1.5	15	333	1.4
North Carolina	17	416	1.6	19	305	1.5	17	355	1.4	17	309	1.3
Ohio	19	390	1.5	17	325	1.6	20	304	1.2	18	309	1.3
Connecticut	25	260	1.0	22	264	1.3	18	329	1.3	18	285	1.2
Maryland	23	312	1.2	23	203	1.0	21	253	1.0	20	261	1.1
Utah	17	416	1.6	17	325	1.6	15	380	1.5	21	U	U
Michigan	15	494	1.9	14	366	1.8	U	U	U	U	U	
Louisiana	19	390	1.5	21	285	1.4	U	U	U	U	U	
Oregon	26	234	0.9	23	203	1.0	U	U	U	U	U	
Minnesota	21	364	1.4	25	183	0.9	U	U	U	U	U	
Tennessee	24	286	1.1	25	183	0.9	U	U	U	U	U	
South Carolina	28	156	0.6	27	163	0.8	U	U	U	U	U	
Missouri	28	156	0.6	28	142	0.7	U	U	U	U	U	
Indiana	28	156	0.6	29	122	0.6	U	U	U	U	U	
Wisconsin	27	208	0.8	29	122	0.6	U	U	U	U	U	
Kentucky	34	78	0.3	31	81	0.4	U	U	U	U	U	
Maine	32	104	0.4	31	81	0.4	U	U	U	U	U	
New Hampshire	31	130	0.5	31	81	0.4	U	U	U	U	U	
New Mexico	32	104	0.4	31	81	0.4	U	U	U	U	U	
Rhode Island	U	U	U	31	81	0.4	U	U	U	U	U	
Alabama	34	78	0.3	36	61	0.3	U	U	U	U	U	
Alaska	36	52	0.2	36	61	0.3	U	U	U	U	U	
United States, total <sup>2</sup>		25,975			20,322			25,341			23,756	

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

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

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

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

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

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

**SOURCE:** U.S. Department of Commerce, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors Estimates for U.S. States, Cities, and Census Regions* (Washington, DC: Annual Issues), available at [http://finet.ita.doc.gov/outreachpages/inbound.general\\_information.inbound\\_overview.html](http://finet.ita.doc.gov/outreachpages/inbound.general_information.inbound_overview.html) as of May 21, 2010.

**Table 4-22: Overseas Visitors to the United States by Destination City<sup>1</sup>: 2001, 2005, and 2009**

City	2001			2005			2009		
	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total	Rank	Visitors (thousands)	Percent of U.S. total
New York City-WP-Wayne, NY	1	4,803	22.0	1	5,810	26.8	1	7,792	32.8
Miami, FL	3	2,554	11.7	4	2,081	9.6	2	2,661	11.2
Los Angeles, CA	2	2,816	12.9	2	2,580	11.9	3	2,518	10.6
Orlando, FL	4	2,467	11.3	5	2,016	9.3	4	2,399	10.1
San Francisco, CA	5	1,965	9.0	3	2,124	9.8	5	2,233	9.4
Las Vegas, NV	7	1,506	6.9	7	1,778	8.2	6	1,853	7.8
Washington, DC	8	1,201	5.5	8	1,106	5.1	7	1,544	6.5
Honolulu, HI	6	1,747	8.0	6	1,821	8.4	8	1,497	6.3
Boston, MA	9	1,070	4.9	10	802	3.7	9	1,140	4.8
Chicago, IL	9	1,070	4.9	9	1,084	5.0	10	1,117	4.7
San Diego, CA	12	589	2.7	12	499	2.3	11	618	2.6
Philadelphia, PA	14	415	1.9	14	434	2.0	12	594	2.5
Atlanta, GA	11	699	3.2	11	564	2.6	13	570	2.4
Houston, TX	14	415	1.9	U	U	U	14	428	1.8
Flagstaff/Grand Canyon/Sedona, AZ	U	U	U	U	U	U	14	428	1.8
Tampa/St. Petersburg, FL	13	502	1.9	13	455	2.1	16	404	1.7
Seattle, WA	20	349	1.6	16	347	1.6	17	356	1.5
Anaheim-Santa Ana, CA	18	393	1.8	15	390	1.8	18	309	1.3
Dallas-Plano-Irving, TX	20	349	1.6	U	U	U	19	285	1.2
San Jose, CA	14	415	1.9	16	347	1.6	20	261	1.1
Ft. Lauderdale, FL	14	415	1.9	U	U	U	U	U	U
New Orleans, LA	18	393	1.8	U	U	U	U	U	U
Detroit, MI	22	284	1.3	U	U	U	U	U	U
Florida Keys, FL	22	284	1.3	U	U	U	U	U	U
Mauai, HI	22	284	1.3	U	U	U	U	U	U
Phoenix, AZ	25	262	1.2	U	U	U	U	U	U
Minn./St. Paul, MN	25	262	1.2	U	U	U	U	U	U
Denver, CO	27	240	1.1	U	U	U	U	U	U
Newark, NJ	28	196	0.9	U	U	U	U	U	U
Ft. Myers, FL	28	196	0.9	U	U	U	U	U	U
Riverside/San Bernadino, CA	30	175	0.8	U	U	U	U	U	U
Buffalo-Niagara Falls, NY	30	175	0.8	U	U	U	U	U	U
Sarasota, FL	30	175	0.8	U	U	U	U	U	U
West Palm Beach, FL	30	175	0.8	U	U	U	U	U	U
Sacramento, CA	34	153	0.7	U	U	U	U	U	U
Baltimore, MD	34	153	0.7	U	U	U	U	U	U
Nassau, NY	34	153	0.7	U	U	U	U	U	U
Salt Lake City, UT	34	153	0.7	U	U	U	U	U	U
Monterey, CA	34	153	0.7	U	U	U	U	U	U
Hawaii (The Big Island), HI	39	131	0.6	U	U	U	U	U	U
Santa Barbara, CA	39	131	0.6	U	U	U	U	U	U
Oakland, CA	39	131	0.6	U	U	U	U	U	U
Austin, TX	39	131	0.6	U	U	U	U	U	U
Cincinnati, OH	41	109	0.5	U	U	U	U	U	U
Portland, OR	43	109	0.5	U	U	U	U	U	U
San Antonio, TX	43	109	0.5	U	U	U	U	U	U
Melbourne, FL	43	109	0.5	U	U	U	U	U	U
Atlantic City, NJ	43	109	0.5	U	U	U	U	U	U
Pittsburgh, PA	43	109	0.5	U	U	U	U	U	U
Charlotte, NC	43	109	0.5	U	U	U	U	U	U
Cleveland, OH	43	109	0.5	U	U	U	U	U	U
Kauai, HI	43	109	0.5	U	U	U	U	U	U
Tucson, AZ	43	109	0.5	U	U	U	U	U	U
St. Louis, MO	53	87	0.4	U	U	U	U	U	U
Columbus, OH	53	87	0.4	U	U	U	U	U	U
Raleigh-Durham, NC	53	87	0.4	U	U	U	U	U	U
<b>United States, total<sup>2</sup></b>		<b>21,833</b>			<b>21,679</b>			<b>23,756</b>	

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

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

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

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

**SOURCE:** U.S. Department of Commerce, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitors Estimates for U.S. States, Cities*,



# Section E

\* \* \*

## Registered Vehicles and Vehicle-Miles Traveled



# Registered Vehicles and Vehicle-Miles Traveled

**Table 5-1: Motor-Vehicle Registrations: 2008**  
(Thousands)

State	Private and commercial				Partial classification of trucks <sup>2</sup>				
	Auto-mobiles	Motor-cycles	Buses	Trucks <sup>1</sup>	Truck tractors	Pickups	Vans	Sport utilities	Other light <sup>3</sup>
Alabama	2,203	127	3	2,473	97	1,267	262	801	28
Alaska	240	28	2	435	4	205	50	166	5
Arizona	2,217	134	1	2,114	28	876	310	835	10
Arkansas	948	71	2	1,064	30	574	126	348	45
California	19,706	741	42	13,188	132	4,029	2,397	5,360	52
Colorado	724	118	2	850	9	285	97	363	74
Connecticut <sup>4</sup>	2,007	65	10	1,035	2	298	211	515	5
Delaware	454	24	2	400	1	50	32	76	11
District of Columbia	167	1	3	43	0	5	9	23	0
Florida	8,064	667	5	8,060	277	2,170	1,268	2,877	26
Georgia	4,229	187	5	4,207	88	1,687	617	1,584	20
Hawaii	480	51	3	444	1	184	78	175	2
Idaho	529	64	1	765	16	394	77	217	4
Illinois	5,704	332	19	3,981	72	1,115	943	1,686	45
Indiana	3,110	204	10	2,632	58	1,022	555	849	57
Iowa	1,786	182	2	1,595	59	719	287	403	37
Kansas	876	84	1	1,541	29	640	333	383	97
Kentucky	1,946	65	1	1,608	28	784	240	486	169
Louisiana	1,900	68	16	1,972	41	1,039	209	636	132
Maine	555	55	1	494	4	235	72	166	9
Maryland	2,636	79	7	1,838	18	538	402	852	21
Massachusetts	3,215	153	11	2,035	13	565	427	1,005	21
Michigan	4,337	270	10	3,449	20	1,181	801	1,387	53
Minnesota	2,530	248	7	2,192	36	807	427	696	45
Mississippi	1,142	28	4	860	9	476	94	257	4
Missouri	2,613	99	4	2,216	49	956	383	737	83
Montana	369	112	1	529	20	262	50	138	139
Nebraska	802	43	1	910	39	389	137	273	161
Nevada	689	65	2	700	8	248	81	279	2
New Hampshire <sup>4</sup>	646	81	2	549	6	216	92	221	5
New Jersey <sup>4,5</sup>	3,784	163	19	2,283	15	483	564	1,205	29
New Mexico	676	47	2	849	13	410	90	269	22
New York <sup>4</sup>	8,494	340	29	2,340	7	504	526	1,072	39
North Carolina	3,539	122	11	2,588	51	1,029	406	921	83
North Dakota	342	31	1	359	9	168	47	84	40
Ohio	6,345	369	23	4,383	43	1,550	1,001	1,612	45
Oklahoma	1,641	116	2	1,563	13	779	179	421	161
Oregon	1,433	102	5	1,593	22	685	242	544	26
Pennsylvania <sup>4</sup>	6,035	397	31	4,169	77	1,196	809	1,753	17
Rhode Island <sup>4</sup>	486	32	2	296	4	87	61	134	1
South Carolina	1,985	103	6	1,559	22	657	235	609	37
South Dakota	343	58	1	543	19	184	57	107	2
Tennessee	2,809	151	4	2,183	64	997	323	786	46
Texas	8,711	435	20	9,033	182	4,162	1,091	3,443	210
Utah	1,180	58	0	1,228	53	501	164	455	81
Vermont	304	28	1	267	3	115	39	103	4
Virginia	3,847	83	2	2,592	42	901	471	1,092	31
Washington	3,277	234	4	2,623	38	1,069	438	959	33
West Virginia	687	48	1	673	11	327	83	226	5
Wisconsin	2,643	310	10	2,279	41	860	514	776	75
Wyoming	255	31	1	384	5	278	41	153	6
United States, total	135,638	7,706	350	107,965	1,930	40,158	18,445	40,519	2,357

<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-

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

<sup>4</sup>The following farm trucks, registered at a nominal fee and restricted to use in the vicinity of the owner's farm, are not included in this table: Connecticut, 6,852; New Hampshire, 11,146; New Jersey, 8,823; New York, 33,135; Pennsylvania, 25,147; and Rhode Island, 1,440.

<sup>5</sup>State did not provide current data. Table displays 2007 private and commercial and state, county and municipal vehicles.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), tables MV-1 and MV-9, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Mar. 30, 2010.

# Registered Vehicles and Vehicle-Miles Traveled

## Table 5-2: Trailer and Semi-Trailer Registrations: 2008<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	76,569	110,258	13,344	16	1,209
Alaska	12,271	108,492	U	141	2,021
Arizona	104,815	364,753	165,670	103	4,189
Arkansas	74,195	476,054	8,522	7	281
California	742,030	1,592,403	596,181	396	63,651
Colorado	49,399	116,129	48,897	86	2,171
Connecticut	88,331	117,294	U	13	2,980
Delaware	45,615	30,166	U	7	1,020
District of Columbia	87	986	U	161	371
Florida	67,217	1,677,063	U	195	31,083
Georgia	229,092	716,229	50,550	137	5,139
Hawaii	4,535	24,494	U	5	1,362
Idaho	39,761	71,164	67,328	63	2,980
Illinois	130,336	586,922	138,259	247	161
Indiana <sup>5</sup>	60,261	820,192	116,897	42	2,345
Iowa	246,749	434,009	87,498	22	5,100
Kansas	101,872	29,425	23,148	25	977
Kentucky	5,347	39,491	45,637	65	147
Louisiana	201,292	316,326	8,664	27	3,410
Maine	781,048	119,689	U	8	3,094
Maryland	21,440	90,197	U	110	438
Massachusetts	26,024	278,777	U	78	242
Michigan	33,294	85,579	16,216	91	4,896
Minnesota	194,894	880,385	113,143	87	4,033
Mississippi	31,779	65,040	9,587	33	1,677
Missouri	100,126	512,101	U	133	488
Montana	28,410	227,970	101,562	56	2,812
Nebraska	112,145	224,032	U	13	1,309
Nevada	11,714	104,626	46,526	50	1,208
New Hampshire	11,382	157,013	U	4	1,328
New Jersey	28,094	406,586	U	171	122
New Mexico	44,462	22,994	13,194	148	3,770
New York	9,754	700,162	U	378	10,910
North Carolina	78,064	746,740	2,177	48	8,827
North Dakota	34,752	41,660	24,836	10	1,256
Ohio	97,549	540,696	103,994	133	16,350
Oklahoma	197,980	73,787	6,227	37	2,405
Oregon	55,664	101,376	97,469	105	12,176
Pennsylvania	158,058	623,127	296,312	218	4,805
Rhode Island	7,299	57,342	U	8	1,149
South Carolina	23,671	37,470	158	35	1,441
South Dakota	53,561	38,949	88,354	32	1,523
Tennessee	80,200	31,133	205	75	408
Texas	284,585	1,839,151	U	192	45,901
Utah	60,224	97,347	91,396	80	537
Vermont	96,494	85,892	U	2	854
Virginia	78,289	160,383	68,575	65	2,635
Washington	66,483	554,260	121,343	168	2,490
West Virginia	98,207	131,521	65,843	10	3,137
Wisconsin	365,111	1,604	65,593	30	1,594
Wyoming	20,606	267,378	34,525	94	1,418
United States, total	5,571,137	16,936,817	2,737,830	4,460	275,830

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

<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

<sup>5</sup> State did not provide current data. Table displays State's 2007 data for private and commercial and state, county and municipal

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table MV-11, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Mar. 30, 2010.

**Table 5-3: Highway Vehicle-Miles Traveled (VMT): 2003, 2008**

State	2003			2008		
	Total VMT (millions)	Estimated Population	VMT per capita	Total VMT (millions)	Estimated Population	VMT per capita
Alabama	58,637	4,486,598	13,069	59,303	4,661,900	12,721
Alaska	4,942	650,426	7,598	4,865	686,293	7,089
Arizona	53,896	5,585,512	9,649	61,628	6,500,180	9,481
Arkansas	30,639	2,717,909	11,273	33,163	2,855,390	11,614
California <sup>3</sup>	323,592	35,307,398	9,165	327,286	36,756,666	8,904
Colorado	43,379	4,548,339	9,537	47,860	4,939,456	9,689
Connecticut	31,432	3,467,932	9,064	31,737	3,501,252	9,064
Delaware	9,044	814,262	11,107	8,976	873,092	10,281
District of Columbia	4,150	577,371	7,188	3,611	591,833	6,101
Florida	185,511	16,937,337	10,953	198,616	18,328,340	10,837
Georgia	109,246	8,732,924	12,510	109,057	9,685,744	11,260
Hawaii	9,312	1,238,333	7,520	10,278	1,288,198	7,979
Idaho	14,290	1,363,010	10,484	15,251	1,523,816	10,008
Illinois	106,536	12,611,047	8,448	106,079	12,901,563	8,222
Indiana <sup>1</sup>	72,511	6,178,828	11,735	70,973	6,376,792	11,130
Iowa	31,108	2,933,407	10,605	30,713	3,002,555	10,229
Kansas	28,672	2,722,070	10,533	29,727	2,802,134	10,609
Kentucky	46,748	4,110,922	11,372	47,534	4,269,245	11,134
Louisiana	44,156	4,473,558	9,870	45,091	4,410,796	10,223
Maine	14,912	1,302,729	11,447	14,559	1,316,456	11,059
Maryland	54,701	5,495,009	9,955	55,023	5,633,597	9,767
Massachusetts	53,709	6,441,440	8,338	54,505	6,497,967	8,388
Michigan	100,756	10,065,881	10,010	101,825	10,003,422	10,179
Minnesota <sup>2</sup>	55,296	5,046,708	10,957	57,995	5,220,393	11,109
Mississippi	37,467	2,866,711	13,070	43,711	2,938,618	14,875
Missouri <sup>4</sup>	68,163	5,704,639	11,949	68,273	5,911,605	11,549
Montana	10,874	916,754	11,861	10,812	967,440	11,176
Nebraska	19,016	1,732,873	10,974	19,170	1,783,432	10,749
Nevada	19,301	2,233,830	8,640	20,780	2,600,167	7,992
New Hampshire	13,180	1,281,260	10,287	13,040	1,315,809	9,910
New Jersey	69,778	8,589,562	8,124	73,629	8,682,661	8,480
New Mexico	22,844	1,867,909	12,230	26,279	1,984,356	13,243
New York	135,047	19,230,877	7,022	134,085	19,490,297	6,880
North Carolina	93,759	8,409,660	11,149	101,712	9,222,414	11,029
North Dakota	7,468	632,689	11,804	7,820	641,481	12,191
Ohio	108,938	11,430,306	9,531	108,302	11,485,910	9,429
Oklahoma	45,725	3,496,157	13,079	48,499	3,642,361	13,315
Oregon	35,098	3,551,877	9,882	33,468	3,790,060	8,830
Pennsylvania	106,347	12,317,647	8,634	107,848	12,448,279	8,664
Rhode Island	8,365	1,071,302	7,808	8,187	1,050,788	7,791
South Carolina	48,120	4,143,420	11,614	49,597	4,479,800	11,071
South Dakota	8,527	766,440	11,125	8,986	804,194	11,174
Tennessee	69,154	5,849,563	11,822	69,469	6,214,888	11,178
Texas	223,418	22,062,119	10,127	235,382	24,326,974	9,676
Utah	24,029	2,380,462	10,094	25,974	2,736,424	9,492
Vermont	8,309	616,702	13,473	7,312	621,270	11,769
Virginia	76,868	7,363,300	10,439	82,278	7,769,089	10,590
Washington	55,015	6,110,202	9,004	55,558	6,549,224	8,483
West Virginia	20,082	1,802,287	11,143	20,774	1,814,468	11,449
Wisconsin	59,615	5,474,360	10,890	57,462	5,627,967	10,210
Wyoming	9,211	499,056	18,457	9,447	532,668	17,735
<b>United States, total</b>	<b>2,890,893</b>	<b>290,210,914</b>	<b>9,961</b>	<b>2,973,509</b>	<b>304,059,724</b>	<b>9,779</b>

<sup>1</sup> 2008 data excludes 788 miles of Federal agency owned roads.

<sup>2</sup> State has revised their adjusted urbanized area boundaries and/or functional classifications.

<sup>3</sup> California has been asked to review their 2003 data and may resubmit pending the resolution of review findings.

<sup>4</sup> 2002 data used for 2003 data.

**NOTES:** Travel for the rural minor collector and rural/urban local functional systems is estimated by the States based on a model or other means and provided to the FHWA on a summary basis. Travel for all other systems are estimated from State-provided data in the Highway Performance Monitoring System. Population estimates are for July 1 of given year.

**SOURCES:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2003*, table VM-2 (Washington, DC: Annual editions), available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 5, 2010.

U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008*, table VM-2 (Washington, DC: Annual editions), available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 5, 2010.

U.S. Department of Commerce, U.S. Census Bureau, *Statistical Abstract of the United States 2010*, table 12 (Washington, DC: 2010), available at <http://www.census.gov/compendia/statab/> as of Apr. 5, 2010.

# Registered Vehicles and Vehicle-Miles Traveled

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

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

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

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

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

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

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

# Registered Vehicles and Vehicle-Miles Traveled

**Table 5-5: Highway Congestion in the 50 Largest Urban Areas: 2007  
(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	12,800	485,022	38	10,328	807
Houston TX	2	3,815	123,915	32	2,482	651
Dallas-Fort Worth-Arlington TX	3	4,445	140,744	32	2,849	641
Washington DC-VA-MD	4	4,330	133,862	31	2,762	638
Atlanta GA	5	4,440	135,335	30	2,981	671
San Jose CA	6	1,705	51,070	30	1,013	594
Orlando FL	7	1,405	41,791	30	850	605
San Diego CA	8	2,950	85,392	29	1,786	605
Detroit MI	9	4,050	116,981	29	2,472	610
San Francisco-Oakland CA	10	4,480	129,393	29	2,675	597
Denver-Aurora CO	11	2,180	61,345	28	1,240	569
Miami FL	12	5,420	145,608	27	2,955	545
Tampa-St. Petersburg FL	13	2,320	61,018	26	1,205	519
Las Vegas NV	14	1,405	34,521	25	705	502
Baltimore MD	15	2,320	56,964	25	1,276	550
Seattle WA	16	3,100	73,636	24	1,591	513
Riverside-San Bernardino CA	17	2,030	48,135	24	1,083	533
Phoenix AZ	18	3,425	80,456	23	1,891	552
Charlotte NC-SC	19	1,070	24,237	23	525	491
Chicago IL-IN	20	8,440	189,201	22	4,207	498
Austin TX	21	1,035	22,777	22	471	455
Indianapolis IN	22	1,070	23,505	22	522	488
Minneapolis-St. Paul MN	23	2,525	55,287	22	1,148	455
Boston MA-NH-RI	24	4,200	91,052	22	1,996	475
Jacksonville FL	25	1,040	22,491	22	457	439
San Antonio TX	26	1,450	31,026	21	621	428
Philadelphia PA-NJ-DE-MD	27	5,310	112,074	21	2,316	436
Sacramento CA	28	1,860	39,197	21	806	433
New York-Newark NY-NJ-CT	29	18,225	379,328	21	8,180	449
Louisville KY-IN	30	915	19,015	21	409	447
Nashville-Davidson TN	31	995	20,215	20	426	428
Portland OR-WA	32	1,800	34,418	19	712	396
Raleigh-Durham NC	33	1,025	19,588	19	421	411
Bridgeport-Stamford CT-NY	34	875	16,077	18	350	400
Columbus OH	35	1,225	20,428	17	424	346
Providence RI-MA	36	1,245	19,937	16	386	310
Virginia Beach VA	37	1,545	24,665	16	501	324
Salt Lake City UT	38	975	14,557	15	287	294
St. Louis MO-IL	39	2,215	32,863	15	697	315
Oklahoma City OK	40	875	12,826	15	257	294
Cincinnati OH-KY-IN	41	1,670	23,832	14	508	304
Memphis TN-MS-AR	42	1,035	14,633	14	311	300
Hartford CT	43	895	10,147	11	203	227
Richmond VA	44	935	10,212	11	202	216
New Orleans LA	45	1,100	11,327	10	244	222
Milwaukee WI	46	1,465	14,860	10	307	210
Pittsburgh PA	47	1,815	15,334	8	304	167
Kansas City MO-KS	48	1,525	12,703	8	267	175
Cleveland OH	49	1,790	12,037	7	241	135
Buffalo NY	50	1,125	6,185	5	134	119

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

**SOURCE:** Texas Transportation Institute, *2009 Urban Mobility Report, Congestion Data for Your City* (College Station, TX: 2009), available at <http://mobility.tamu.edu/ums/> as of Apr. 9, 2010.

# Registered Vehicles and Vehicle-Miles Traveled

**Table 5-6: Recreational Boat Registrations by Propulsion Type: 2008**

State	Powered <sup>1</sup>	Nonpowered <sup>2</sup>	Other <sup>3</sup>	Total
Alabama	266,054	2,322	4,182	272,558
Alaska	46,587	651	296	47,534
Arizona	133,850	0	6,441	140,291
Arkansas	181,974	540	16,590	199,104
California	796,828	35,452	26,573	858,853
Colorado	89,734	3,759	1,837	95,330
Connecticut	110,102	399	149	110,650
Delaware	54,901	0	1,768	56,669
District of Columbia	2,298	297	327	2,922
Florida	932,272	19,203	23,078	974,553
Georgia	323,237	3,233	24,009	350,479
Hawaii	14,766	498	140	15,404
Idaho	85,912	738	2,376	89,026
Illinois	303,353	64,022	10,833	378,208
Indiana	268,884	1,672	976	271,532
Iowa	189,024	34,711	7,598	231,333
Kansas	87,080	3,380	607	91,067
Kentucky	160,949	0	13,032	173,981
Louisiana	301,148	0	1,605	302,753
Maine	109,102	0	555	109,657
Maryland	190,830	458	7,799	199,087
Massachusetts	135,067	701	9,345	145,113
Michigan	767,245	46,157	3,350	816,752
Minnesota	644,669	209,712	13,065	867,446
Mississippi	190,361	951	0	191,312
Missouri	319,906	2,304	43	322,253
Montana	84,155	833	0	84,988
Nebraska	79,426	1	3,853	83,280
Nevada	56,177	303	1,039	57,519
New Hampshire	92,236	3,969	0	96,205
New Jersey	180,555	4,804	0	185,359
New Mexico	31,907	883	514	33,304
New York	475,739	0	9,802	485,541
North Carolina	366,619	1,639	3,621	371,879
North Dakota	45,200	574	293	46,067
Ohio <sup>4</sup>	314,681	99,945	1,960	416,586
Oklahoma	196,052	0	0	196,052
Oregon	177,338	0	2,725	180,063
Pennsylvania	299,089	24,026	15,201	338,316
Rhode Island	42,524	0	0	42,524
South Carolina	413,322	20,984	2,538	436,844
South Dakota	52,418	3,926	260	56,604
Tennessee	269,973	1,502	0	271,475
Texas	587,637	3,148	6,643	597,428
Utah	71,990	1,019	0	73,009
Vermont	30,429	0	0	30,429
Virginia	244,507	257	4,548	249,312
Washington	264,393	0	0	264,393
West Virginia	49,930	0	0	49,930
Wisconsin	613,575	18,297	2,674	634,546
Wyoming	26,149	671	423	27,243
<b>United States, total<sup>5</sup></b>	<b>11,841,281</b>	<b>618,429</b>	<b>233,182</b>	<b>12,692,892</b>

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

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

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

<sup>4</sup> Ohio included 5576 livery vessels in their 2008 figures; they did not include 5522 livery vessels in their 2007 figure.

<sup>5</sup> U.S. totals include Guam, Puerto Rico, the Virgin Islands, American Samoa, and the Northern Mariana Islands.

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

**SOURCE:** U.S. Department of Transportation, U.S. Coast Guard, Office of Boating Safety, personal communication, Apr. 30, 2010.



# Registered Vehicles and Vehicle-Miles Traveled

**Table 5-7: General Aviation and Air Taxi Aircraft and Hours Flown:  
2008  
(Excludes commuter aircraft)**

State	Active aircraft	Hours flown (thousands)
Alabama	3,549	546
Alaska	6,076	701
Arizona	5,767	579
Arkansas	2,291	354
California	25,292	2,651
Colorado	6,268	626
Connecticut	2,228	445
Delaware	1,830	313
District of Columbia	29	9
Florida	16,143	2,382
Georgia	6,674	706
Hawaii	530	93
Idaho	2,816	234
Illinois	5,480	424
Indiana	3,764	294
Iowa	3,361	294
Kansas	3,814	397
Kentucky	1,726	131
Louisiana	3,136	777
Maine	1,284	112
Maryland	2,671	248
Massachusetts	2,417	310
Michigan	8,668	572
Minnesota	4,840	453
Mississippi	1,298	233
Missouri	3,596	272
Montana	2,152	239
Nebraska	2,074	201
Nevada	3,093	377
New Hampshire	1,624	150
New Jersey	4,076	742
New Mexico	3,519	276
New York	6,074	549
North Carolina	5,376	644
North Dakota	1,276	348
Ohio	6,200	701
Oklahoma	4,911	794
Oregon	4,614	431
Pennsylvania	7,410	851
Rhode Island	299	20
South Carolina	2,845	300
South Dakota	1,554	112
Tennessee	4,438	560
Texas	18,117	2,071
Utah	2,583	443
Vermont	628	35
Virginia	5,605	691
Washington	7,198	691
West Virginia	1,247	95
Wisconsin	3,911	297
Wyoming	1,493	144
United States, total (excluding territories) <sup>1</sup>	228,043	25,931
United States, total (including territories)	228,663	26,009

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

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

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, *General Aviation and Part 135 Activity Surveys: CY2008*, table 1.8 (Washington, DC: 2009), 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 Apr. 13, 2010.

# Registered Vehicles and Vehicle-Miles Traveled

**Table 5-8: Active Aviation Pilots and Flight Instructors: 2008<sup>1</sup>**

State	Total	Students	Airplane pilots <sup>2</sup>			Misc. <sup>3</sup>	Flight instructor <sup>4</sup>
			Private	Commercial	Airline transport		
Alabama	7,461	918	3,010	2,204	1,304	25	1,035
Alaska	8,377	732	3,346	2,055	2,206	38	1,225
Arizona	20,559	3,165	7,214	4,800	5,319	61	3,640
Arkansas	5,135	646	2,155	1,389	903	42	703
California	65,116	8,921	30,084	14,085	11,849	177	9,199
Colorado	17,892	1,736	6,448	4,065	5,588	55	3,292
Connecticut	5,679	672	2,445	1,055	1,494	13	882
Delaware	1,353	181	497	303	367	5	234
District of Columbia	504	88	246	99	69	2	45
Florida	49,991	7,467	16,307	11,102	14,904	211	8,359
Georgia	19,261	2,117	6,392	3,612	7,048	92	2,989
Hawaii	3,087	360	794	905	1,020	8	564
Idaho	4,921	618	2,287	1,153	823	40	710
Illinois	18,959	2,381	7,694	4,022	4,717	145	3,370
Indiana	10,653	1,321	4,788	2,253	2,164	127	1,728
Iowa	5,715	721	2,983	1,253	709	49	854
Kansas	7,602	909	3,586	1,689	1,380	38	1,355
Kentucky	6,500	649	2,059	1,256	2,502	34	1,173
Louisiana	5,457	740	2,029	1,557	1,098	33	787
Maine	2,707	302	1,258	602	514	31	370
Maryland	8,161	1,419	3,203	1,702	1,807	30	1,212
Massachusetts	8,423	1,147	3,970	1,725	1,550	31	1,223
Michigan	15,529	1,990	7,046	3,333	3,015	145	2,427
Minnesota	13,529	1,294	5,672	2,950	3,555	58	2,465
Mississippi	4,307	642	1,584	1,118	942	21	583
Missouri	9,919	1,131	4,244	2,216	2,253	75	1,624
Montana	4,001	540	1,819	1,034	589	19	602
Nebraska	3,598	454	1,735	818	564	27	472
Nevada	6,886	713	2,468	1,539	2,153	13	1,136
New Hampshire	3,965	399	1,433	756	1,357	20	696
New Jersey	9,858	1,334	4,150	2,000	2,349	25	1,595
New Mexico	4,964	685	2,168	1,328	745	38	601
New York	16,906	2,837	7,382	3,645	2,951	91	2,652
North Carolina	14,590	1,729	5,841	2,933	4,023	64	2,086
North Dakota	2,512	404	1,127	757	219	5	389
Ohio	17,250	1,992	7,438	3,515	4,156	149	2,976
Oklahoma	8,313	1,361	3,415	2,109	1,398	30	1,219
Oregon	9,740	1,412	4,617	2,330	1,335	46	1,449
Pennsylvania	16,976	2,232	7,041	3,365	4,224	114	2,710
Rhode Island	1,019	109	468	228	208	6	144
South Carolina	6,639	808	2,703	1,506	1,593	29	924
South Dakota	2,249	254	1,020	605	336	34	363
Tennessee	11,829	1,138	4,057	2,358	4,218	58	1,905
Texas	48,849	6,379	16,809	10,100	15,399	162	7,643
Utah	8,269	1,319	3,083	2,050	1,787	30	1,414
Vermont	1,350	138	632	293	275	12	184
Virginia	14,568	1,887	5,240	3,281	4,101	59	2,247
Washington	20,440	2,504	7,849	4,359	5,651	77	3,231
West Virginia	1,859	290	842	398	303	26	277
Wisconsin	10,328	1,294	4,872	1,907	2,121	134	1,589
Wyoming	1,866	270	887	402	295	12	251
United States, total	575,621	74,749	230,437	126,119	141,450	2,866	90,803

<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, 2008 *U.S. Civil Airmen Statistics*, table 5 (Washington, DC: 2008), available at [http://www.faa.gov/data\\_research/aviation\\_data\\_statistics/civil\\_airmen\\_statistics/](http://www.faa.gov/data_research/aviation_data_statistics/civil_airmen_statistics/) as of Apr. 13, 2010.

# Section F

\* \* \*

## Economy and Finance



**Table 6-1: Transportation and Warehousing Establishments and Employment: 2007**

<b>State</b>	<b>Number of establishments</b>	<b>Number of paid employees</b>	<b>Annual payroll (\$ thousands)</b>
Alabama	3,276	58,487	2,136,714
Alaska	1,134	19,451	1,137,540
Arizona	3,378	84,580	3,315,931
Arkansas	2,615	59,972	2,215,568
California	21,553	460,761	19,767,419
Colorado	3,532	63,956	2,471,513
Connecticut	1,713	42,827	1,832,596
Delaware	732	13,084	431,466
District of Columbia	179	3,609	131,324
Florida	13,376	216,168	8,501,239
Georgia	6,429	166,312	6,769,380
Hawaii	902	31,124	1,114,185
Idaho	1,768	17,155	547,323
Illinois	11,695	231,198	9,741,374
Indiana	5,264	115,658	4,074,105
Iowa	3,788	52,798	1,806,451
Kansas	2,664	48,018	1,788,267
Kentucky	3,204	87,474	3,828,747
Louisiana	3,838	68,951	3,142,981
Maine	1,274	15,148	529,387
Maryland	3,720	65,965	2,512,251
Massachusetts	3,737	78,686	2,989,098
Michigan	5,805	105,133	4,509,306
Minnesota	4,731	78,785	3,139,086
Mississippi	2,362	34,583	1,240,049
Missouri	5,111	88,966	3,287,092
Montana	1,360	10,878	354,467
Nebraska	2,357	34,863	1,375,398
Nevada	1,570	48,194	1,553,126
New Hampshire	837	12,529	438,219
New Jersey	7,408	174,469	7,221,772
New Mexico	1,379	17,153	596,641
New York	12,081	237,525	9,344,921
North Carolina	5,956	116,108	4,284,181
North Dakota	1,060	10,330	351,413
Ohio	7,654	177,057	6,933,341
Oklahoma	2,741	47,653	1,972,872
Oregon	3,266	54,887	2,119,102
Pennsylvania	8,103	206,207	7,322,330
Rhode Island	704	9,883	333,864
South Carolina	2,788	56,959	2,113,400
South Dakota	1,107	9,019	300,496
Tennessee	4,199	118,101	4,657,130
Texas	16,316	370,015	16,170,612
Utah	2,186	48,456	1,969,485
Vermont	540	6,169	202,964
Virginia	5,359	102,380	4,252,963
Washington	5,129	89,716	3,937,789
West Virginia	1,404	16,464	610,593
Wisconsin	5,600	102,802	3,726,136
Wyoming	922	8,766	376,189
<b>United States, total</b>	<b>219,806</b>	<b>4,395,432</b>	<b>175,479,796</b>

**NOTES:** The Transportation and Warehousing sector, North American Industrial Classification System (NAICS) 48-49, 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 industries included are: air transportation, water transportation, truck transportation, transit and ground passenger transportation, pipeline transportation, scenic and sightseeing transportation, support activities for transportation, postal service, couriers and messengers, and warehousing and storage. These data do not include government, railroad transportation (NAICS 482), or self-employed persons.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, 2007 *County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 13, 2010.

**Table 6-2: Air Transportation Establishments and Employment: 2007**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	50	702	25,819
Alaska	222	6,369	356,643
Arizona	116	W	W
Arkansas	55	1,038	50,763
California	622	44,399	2,657,638
Colorado	112	15,594	635,777
Connecticut	56	W	95,297
Delaware	25	87	5,745
District of Columbia	32	W	18,818
Florida	551	21,364	1,000,839
Georgia	153	32,845	1,902,204
Hawaii	67	8,030	303,747
Idaho	69	1,314	46,287
Illinois	236	33,514	1,927,175
Indiana	59	W	W
Iowa	40	337	9,362
Kansas	40	397	10,538
Kentucky	65	18,439	710,819
Louisiana	99	4,402	258,928
Maine	27	336	16,369
Maryland	41	W	W
Massachusetts	102	7,982	362,962
Michigan	148	13,632	858,895
Minnesota	73	W	W
Mississippi	51	365	11,152
Missouri	111	W	W
Montana	81	W	34,527
Nebraska	36	645	23,210
Nevada	88	W	184,819
New Hampshire	28	671	27,130
New Jersey	114	17,589	882,179
New Mexico	47	W	W
New York	407	32,804	1,783,173
North Carolina	114	11,358	482,610
North Dakota	22	142	3,338
Ohio	118	13,973	828,619
Oklahoma	55	W	W
Oregon	86	6,212	297,171
Pennsylvania	148	W	725,663
Rhode Island	16	379	12,824
South Carolina	52	1,525	91,916
South Dakota	30	240	4,912
Tennessee	101	5,490	238,204
Texas	496	W	W
Utah	44	8,565	508,884
Vermont	10	W	W
Virginia	147	14,313	1,103,373
Washington	126	11,364	661,360
West Virginia	29	196	4,405
Wisconsin	86	4,776	199,900
Wyoming	27	W	21,563
United States, total <sup>1</sup>	5,730	480,648	25,786,974

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

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

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2007 County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 13, 2010.

**Table 6-3: Water Transportation Establishments and Employment: 2007**

State	Number of establishments	paid employees	Annual payroll (\$ thousands)
Alabama	30	515	32,605
Alaska	74	W	35,087
Arizona	4	W	523
Arkansas	7	W	W
California	135	5,396	370,509
Colorado	4	W	W
Connecticut	31	668	181,110
Delaware	6	W	W
District of Columbia	2	W	W
Florida	250	15,211	886,863
Georgia	23	220	14,197
Hawaii	21	747	45,647
Idaho	1	W	W
Illinois	42	973	52,632
Indiana	9	W	W
Iowa	10	155	6,716
Kansas	1	W	W
Kentucky	27	2,195	113,915
Louisiana	355	13,938	868,361
Maine	16	65	2,471
Maryland	34	883	58,085
Massachusetts	55	1,004	63,307
Michigan	33	405	32,906
Minnesota	11	W	W
Mississippi	15	W	47,256
Missouri	16	1,247	79,299
Montana	1	W	W
Nebraska	1	W	W
Nevada	7	W	W
New Hampshire	3	W	605
New Jersey	81	2,029	141,682
New Mexico	1	W	W
New York	133	3,439	249,335
North Carolina	26	155	7,719
North Dakota	0	0	0
Ohio	30	745	44,810
Oklahoma	3	W	W
Oregon	27	W	W
Pennsylvania	30	W	W
Rhode Island	11	45	2,355
South Carolina	22	168	7,720
South Dakota	0	0	0
Tennessee	17	W	134,619
Texas	132	4,823	304,413
Utah	1	W	W
Vermont	6	W	W
Virginia	51	2,274	183,783
Washington	117	3,534	231,934
West Virginia	7	242	14,871
Wisconsin	7	85	5,078
Wyoming	2	W	W
<b>United States, total<sup>1</sup></b>	<b>1,928</b>	<b>68,947</b>	<b>4,467,056</b>

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

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

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2007 County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 14, 2010.

**Table 6-4: Truck Transportation Establishments and Employment: 2007**

State	Number of establishments	paid employees	Annual payroll (\$ thousands)
Alabama	2,195	28,472	1,012,646
Alaska	234	3,680	210,736
Arizona	1,760	26,604	914,866
Arkansas	1,759	38,823	1,472,889
California	10,133	115,360	4,710,050
Colorado	2,084	19,799	823,667
Connecticut	668	7,178	320,958
Delaware	338	4,911	145,544
District of Columbia	20	223	11,143
Florida	5,844	49,851	1,883,582
Georgia	3,611	50,832	2,002,357
Hawaii	224	3,442	130,214
Idaho	1,214	9,465	322,875
Illinois	7,211	70,442	3,073,758
Indiana	3,619	55,659	2,202,699
Iowa	2,872	33,126	1,186,747
Kansas	1,748	18,256	689,187
Kentucky	2,085	26,027	928,683
Louisiana	1,804	19,330	677,018
Maine	788	6,182	221,855
Maryland	1,712	19,079	768,827
Massachusetts	1,518	17,096	771,781
Michigan	3,523	43,411	1,856,792
Minnesota	3,013	28,248	1,125,842
Mississippi	1,592	17,028	629,774
Missouri	3,262	41,016	1,599,398
Montana	821	4,930	178,488
Nebraska	1,816	21,260	867,920
Nevada	746	8,040	323,480
New Hampshire	452	3,174	121,925
New Jersey	3,435	46,905	2,095,666
New Mexico	812	7,061	279,086
New York	4,589	43,622	1,719,361
North Carolina	3,631	49,296	1,844,120
North Dakota	764	5,974	224,110
Ohio	4,720	68,752	2,866,517
Oklahoma	1,785	20,030	767,014
Oregon	1,901	20,059	765,155
Pennsylvania	4,494	62,967	2,631,075
Rhode Island	315	2,651	104,938
South Carolina	1,558	21,820	833,268
South Dakota	822	5,368	191,131
Tennessee	2,394	56,879	2,499,073
Texas	8,406	119,466	4,787,438
Utah	1,486	23,609	891,480
Vermont	339	2,384	91,534
Virginia	3,165	32,078	1,189,162
Washington	2,702	28,975	1,154,168
West Virginia	995	8,649	287,007
Wisconsin	3,797	54,423	2,257,452
Wyoming	643	4,485	203,361
United States, total	121,419	1,476,397	58,867,817

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, 2007 *County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 14, 2010.



**Table 6-5: Transit and Ground Passenger Transportation Establishments and Employment: 2007**

State	Number of establishments	paid employees	Annual payroll (\$ thousands)
Alabama	98	2,080	38,259
Alaska	82	W	25,654
Arizona	230	8,323	237,536
Arkansas	59	823	15329
California	1,688	41,338	1,097,347
Colorado	190	5,493	126,762
Connecticut	376	13,028	331,534
Delaware	147	2,100	36110
District of Columbia	40	1,243	36,942
Florida	913	12,338	310,877
Georgia	321	4,776	119,760
Hawaii	111	3,665	117,555
Idaho	94	2,038	32,204
Illinois	948	25,327	547,630
Indiana	249	6,081	94,082
Iowa	115	1,819	41,405
Kansas	152	7,342	128,407
Kentucky	113	1,984	37,627
Louisiana	163	3,569	88,077
Maine	88	1,402	24,964
Maryland	707	10,392	221,474
Massachusetts	803	20,997	540,641
Michigan	307	5,192	117,082
Minnesota	492	13,521	255,342
Mississippi	81	1,664	29,599
Missouri	298	9,344	169,660
Montana	104	1,314	19,331
Nebraska	76	1,732	31,849
Nevada	134	15,717	332,746
New Hampshire	128	3,353	70,224
New Jersey	1,188	29,898	650,262
New Mexico	145	3,381	59,545
New York	2,680	65,909	1,823,552
North Carolina	316	5,386	136,847
North Dakota	58	1,718	25720
Ohio	443	8,973	174,125
Oklahoma	79	981	17666
Oregon	223	4,628	91,449
Pennsylvania	1,174	33,464	569,704
Rhode Island	119	2,599	54,783
South Carolina	136	1,929	38,287
South Dakota	67	1,026	16,515
Tennessee	328	4,768	119,216
Texas	631	15,245	322,547
Utah	78	1,701	28,921
Vermont	67	1,418	28,330
Virginia	381	7,848	203,872
Washington	264	5,866	138,116
West Virginia	32	303	4,579
Wisconsin	570	14,018	231,570
Wyoming	36	393	7612
United States, total <sup>1</sup>	18,322	440,623	10,019,227

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

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

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2007 County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 14, 2010.

**Table 6-6: Pipeline Transportation Establishments and Employment: 2007**

State	Number of establishments	paid employees	Annual payroll (\$ thousands)
Alabama	48	541	46,671
Alaska	18	W	W
Arizona	33	W	W
Arkansas	59	607	36,092
California	85	1,290	122,425
Colorado	57	W	W
Connecticut	7	176	17,317
Delaware	1	W	W
District of Columbia	2	W	W
Florida	28	W	W
Georgia	41	W	W
Hawaii	6	W	W
Idaho	4	W	W
Illinois	105	1,188	107,288
Indiana	58	572	38,145
Iowa	60	W	28,963
Kansas	129	1,439	107,136
Kentucky	44	892	70,158
Louisiana	242	2,985	218,852
Maine	6	W	W
Maryland	12	W	7,424
Massachusetts	14	265	17,900
Michigan	61	637	39,495
Minnesota	59	479	34,030
Mississippi	87	756	50,152
Missouri	53	395	25,938
Montana	14	84	6,354
Nebraska	29	W	W
Nevada	3	W	W
New Hampshire	5	W	999
New Jersey	24	320	26,212
New Mexico	53	793	53,909
New York	46	W	23,602
North Carolina	24	238	17,674
North Dakota	21	446	31,446
Ohio	70	W	W
Oklahoma	155	2,095	157,983
Oregon	7	64	5,582
Pennsylvania	101	1,360	97,298
Rhode Island	4	W	W
South Carolina	14	W	11,308
South Dakota	13	W	4,664
Tennessee	40	383	27,221
Texas	623	14,714	1,459,818
Utah	23	615	81,171
Vermont	3	3	146
Virginia	38	W	W
Washington	21	269	24,163
West Virginia	50	W	W
Wisconsin	31	224	18,096
Wyoming	44	680	48,856
United States, total <sup>1</sup>	2,775	42,445	3,675,299

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

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

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *2007 County Business Patterns* (Washington, DC: 2009), available at <http://www.census.gov/econ/cbp/index.html> as of Apr. 14, 2010.

**Table 6-7: Freight Railroad Employment, Retirement, and Wages: 2008<sup>1</sup>**

<b>State</b>	<b>Number of employees</b>	<b>Wages (\$ millions)</b>	<b>Number of retirement beneficiaries</b>	<b>Retirement payments (\$ millions)</b>
Alabama	3,825	259	9,293	156
Alaska	380	22	210	4
Arizona	2,994	222	9,353	157
Arkansas	3,422	247	9,671	162
California	9,869	731	27,803	466
Colorado	2,992	223	7,314	123
Connecticut	112	7	2,680	45
Delaware	180	12	1,848	31
District of Columbia	9	1	484	8
Florida	5,549	378	29,218	490
Georgia	7,254	487	15,614	262
Hawaii	0	0	180	3
Idaho	1,376	100	4,520	76
Illinois	12,482	905	33,827	567
Indiana	6,120	409	15,576	261
Iowa	3,987	288	8,876	149
Kansas	5,450	410	13,610	228
Kentucky	4,506	308	14,416	242
Louisiana	3,352	244	7,232	121
Maine	757	44	2,763	46
Maryland	1,600	111	8,870	149
Massachusetts	757	47	3,963	66
Michigan	3,552	254	14,115	237
Minnesota	4,314	315	15,334	257
Mississippi	1,827	137	6,013	101
Missouri	7,167	530	18,523	311
Montana	2,724	192	5,740	96
Nebraska	12,246	917	11,509	193
Nevada	755	56	3,259	55
New Hampshire	216	12	835	14
New Jersey	1,133	73	8,942	150
New Mexico	1,723	131	4,470	75
New York	3,156	213	21,792	366
North Carolina	2,425	163	10,013	168
North Dakota	1,769	130	2,991	50
Ohio	7,825	523	26,599	446
Oklahoma	1,926	142	5,107	86
Oregon	2,131	155	8,059	135
Pennsylvania	7,017	460	35,189	590
Rhode Island	71	4	511	9
South Carolina	1,830	124	6,541	110
South Dakota	840	60	1,367	23
Tennessee	4,213	293	11,894	199
Texas	17,251	1,284	32,918	552
Utah	1,958	143	5,241	88
Vermont	188	10	806	14
Virginia	5,458	363	17,567	295
Washington	4,009	302	11,164	187
West Virginia	2,916	199	8,930	150
Wisconsin	3,158	236	9,532	160
Wyoming	2,972	223	2,900	49
<b>United States, total</b>	<b>183,743</b>	<b>13,101</b>	<b>535,182</b>	<b>8,976</b>

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

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

**SOURCE:** Association of American Railroads, personal communication, Apr. 29, 2010.

**Table 6-8: Transportation Expenditures by State and Local Governments: 2007<sup>1</sup>**  
(Millions of current dollars)

State	Total	Highway	Transit	Air	Water
Alabama	2,365	1,979	63	142	182
Alaska	1,647	1,408	47	100	92
Arizona	4,133	2,711	845	577	Z
Arkansas	1,281	1,160	30	84	7
California	25,819	14,530	7,658	2,646	985
Colorado	3,540	2,129	712	694	5
Connecticut	1,693	1,246	396	46	4
Delaware	624	487	89	15	33
District of Columbia	1,909	105	1,804	Z	Z
Florida	13,577	9,955	1,534	1,715	373
Georgia	8,015	6,446	709	674	185
Hawaii	1,012	509	191	267	45
Idaho	871	804	12	53	3
Illinois	11,787	6,721	3,611	1,445	11
Indiana	3,014	2,435	159	409	10
Iowa	2,056	1,886	73	97	Z
Kansas	1,754	1,667	30	57	Z
Kentucky	2,757	2,382	187	155	32
Louisiana	2,776	2,216	152	203	204
Maine	802	730	12	48	12
Maryland	3,978	2,819	721	265	172
Massachusetts	4,870	2,286	2,006	480	97
Michigan	4,938	3,848	552	535	3
Minnesota	3,819	3,272	205	323	19
Mississippi	2,027	1,879	12	90	46
Missouri	3,584	2,988	325	265	6
Montana	816	739	14	62	Z
Nebraska	1,142	1,026	30	82	3
Nevada	2,334	1,794	240	300	Z
New Hampshire	750	631	14	105	<0.5
New Jersey	5,727	3,581	2,064	33	49
New Mexico	1,492	1,330	81	80	Z
New York	25,176	9,499	13,458	1,873	345
North Carolina	4,578	3,373	642	440	123
North Dakota	666	601	10	55	Z
Ohio	5,901	4,752	712	404	34
Oklahoma	2,082	1,754	100	220	8
Oregon	2,885	1,957	627	181	120
Pennsylvania	9,771	7,064	2,086	573	48
Rhode Island	633	364	125	142	2
South Carolina	1,724	1,393	79	95	157
South Dakota	783	739	9	34	Z
Tennessee	2,756	2,287	178	281	10
Texas	15,276	11,703	1,710	1,425	438
Utah	1,745	1,169	402	174	Z
Vermont	507	442	39	25	<0.5
Virginia	4,967	3,030	425	1,218	293
Washington	6,533	3,503	1,822	620	587
West Virginia	1,153	1,062	48	43	<0.5
Wisconsin	3,751	3,257	305	172	17
Wyoming	652	595	4	53	Z
United States, total	218,445	146,247	47,362	20,076	4,759

<sup>1</sup> State fiscal years ending in 2007.**KEY:** Z = Data not available, no activity, value of zero, or value too small to report.**NOTES:** Data are for fiscal year 2007. The fiscal year for most states runs from July 1, 2006 to June 30, 2007. Fiscal year 2007 for Alabama, the District of Columbia, and Michigan runs from October 1, 2006 to September 30, 2007. Fiscal year 2007 for Texas runs from September 1, 2006 to August 31, 2007. The fiscal year for New York runs from April 1, 2006 to March 31, 2007.

Not all agencies of a government necessarily have a fiscal period that coincides with the central organization. Totals for an individual government, in those instances, are the summation of finances for all agencies with a fiscal period ending between July 1, 2006, and June 30, 2007.

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *State and Local Government Finances*, available at

**Table 6-9: Transportation Revenues Collected by State and Local Governments: 2007<sup>1</sup>**  
(Millions of current dollars)

State	Total	Highway <sup>2</sup>	Transit	Air	Water
Alabama	1,112	914	7	82	110
Alaska	413	233	5	123	51
Arizona	1,588	1,053	69	467	Z
Arkansas	696	639	4	50	2
California	12,226	7,218	1,635	2,096	1,277
Colorado	1,908	1,241	108	558	1
Connecticut	814	732	42	40	1
Delaware	653	605	12	6	31
District of Columbia	793	80	713	Z	Z
Florida	9,147	6,947	253	1,616	330
Georgia	2,419	1,504	119	590	205
Hawaii	768	392	41	252	83
Idaho	438	396	2	38	2
Illinois	6,101	4,352	827	911	11
Indiana	1,570	1,411	28	124	8
Iowa	973	903	21	49	Z
Kansas	827	790	4	33	Z
Kentucky	1,101	866	28	178	28
Louisiana	1,083	841	12	109	120
Maine	568	530	2	32	3
Maryland	2,334	1,941	140	159	94
Massachusetts	2,961	1,859	516	511	76
Michigan	2,659	2,188	72	397	1
Minnesota	1,666	1,330	16	305	16
Mississippi	680	615	1	37	27
Missouri	1,423	1,066	56	298	4
Montana	409	390	2	18	Z
Nebraska	543	488	5	50	Z
Nevada	1,063	624	58	381	Z
New Hampshire	469	417	3	49	Z
New Jersey	4,211	3,411	759	17	24
New Mexico	549	470	6	73	Z
New York	13,284	6,389	4,517	2,188	191
North Carolina	2,863	2,438	45	341	39
North Dakota	233	210	1	22	Z
Ohio	3,731	3,320	109	275	27
Oklahoma	1,548	1,442	8	93	5
Oregon	1,427	1,017	92	222	96
Pennsylvania	5,560	4,539	514	498	8
Rhode Island	308	212	32	64	1
South Carolina	1,129	863	14	99	154
South Dakota	202	192	1	9	<0.5
Tennessee	1,695	1,393	31	261	11
Texas	8,292	6,501	182	1,341	267
Utah	785	543	27	215	Z
Vermont	193	175	4	14	<0.5
Virginia	2,860	1,855	86	669	250
Washington	3,075	2,049	258	462	307
West Virginia	605	578	6	21	Z
Wisconsin	1,763	1,567	69	119	8
Wyoming	177	160	<0.5	17	Z
United States, total	113,896	81,889	11,561	16,579	3,867

<sup>1</sup> State fiscal years ending in 2007.<sup>2</sup> Highway Revenues include state and local government receipts from motor fuel taxes, motor vehicle license taxes, motor vehicle operator license taxes, regular and toll highway charges, and receipts from parking facilities.**KEY:** Z = Data not available, no activity, value of zero, or value too small to report.**NOTES:** Data are for Fiscal Year 2007. This fiscal year for most states runs from July 1, 2006 to June 30, 2007. Fiscal Year 2007 for Alabama, the District of Columbia, and Michigan runs from October 1, 2006 to September 30, 2007. Fiscal Year 2007 for Texas runs from September 1, 2006 to August 31, 2007. The fiscal year for New York runs from April 1, 2006 to March 31, 2007.

Any agency that does not have a fiscal year that coincides with that of the state has the entirety of its revenues count toward the state fiscal year within which the agency's fiscal year ends. For example, if an airport authority's fiscal year ends November 30, 2006, the data would be reported for the state fiscal year ending June 30, 2007, and not the state fiscal year ending June 30, 2006.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, *State and Local Government Finances*, available at <http://www.census.gov/govs/estimate/> as of Apr. 16, 2010.

**Table 6-10: Federal and State Funding of Public Transit: 1995, 2000, and 2007**  
(Thousands of dollars)

State	1995		2000		2007	
	Federal	State	Federal	State	Federal	State
Alabama	16,903	0	49,115	0	60,849	0
Alaska	4,841	0	40,379	0	79,461	91,359
Arizona	41,261	445	14,710	329	168,350	10,142
Arkansas	8,489	332	48,283	0	35,342	4,252
California	649,602	340,162	803,946	1,344,779	1,063,506	3,110,691
Colorado	29,281	0	88,173	0	199,217	0
Connecticut	72,347	113,241	97,121	163,266	949,262	876,357
Delaware	11,594	NR	11,082	35,685	287,196	72,963
District of Columbia	170,047	123,051	81,883	NR	9,597	250,869
Florida	149,531	89,511	200,817	92,724	286,660	174,807
Georgia	83,001	1,893	142,250	306,393	142,986	6,025
Hawaii	22,001	0	35,239	0	47,759	0
Idaho	4,026	0	5,083	136	22,871	312
Illinois	294,583	264,993	360,528	467,622	516,928	498,900
Indiana	37,209	NR	62,918	29,201	315,493	42,695
Iowa	21,847	7,465	26,917	10,411	39,993	10,841
Kansas	10,963	1,000	20,871	6,000	38,228	6,000
Kentucky	19,135	612	31,125	NR	56,463	3,709
Louisiana	48,047	NR	42,132	NR	55,276	0
Maine	7,318	392	5,557	420	13,034	4,503
Maryland	198,965	349,848	123,984	273,844	306,242	749,371
Massachusetts	166,755	531,896	246,496	771,356	296,985	1,351,917
Michigan	85,840	124,401	100,549	187,198	134,323	200,661
Minnesota	39,476	47,989	106,819	80,289	80,974	237,023
Mississippi	8,142	0	14,674	115	33,868	1,600
Missouri	53,018	1,495	107,250	17,029	83,028	7,019
Montana	3,221	75	4,655	75	12,796	818
Nebraska	8,824	1,530	11,223	1,539	21,142	2,900
Nevada	18,357	438	28,973	NR	39,990	125
New Hampshire	4,268	12	9,588	0	141,233	1,530
New Jersey	331,863	458,704	383,154	509,237	1,061,568	1,008,130
New Mexico	12,427	NR	29,447	0	33,438	56,478
New York	787,777	1,356,600	844,552	1,926,571	1,660,064	3,009,046
North Carolina	43,670	22,138	55,260	38,247	152,579	75,866
North Dakota	2,908	761	4,615	1,666	10,259	2,900
Ohio	118,314	29,233	132,460	42,348	168,178	16,450
Oklahoma	12,593	951	20,283	3,530	29,148	5,750
Oregon	127,700	44,689	52,339	15,553	180,712	74,093
Pennsylvania	262,502	628,400	297,215	731,800	443,175	860,963
Rhode Island	16,335	19,121	15,620	36,822	174,406	49,214
South Carolina	13,172	4,140	29,053	4,234	50,421	6,400
South Dakota	3,776	300	4,747	397	11,852	750
Tennessee	37,005	12,458	38,010	22,291	65,017	38,310
Texas	195,306	17,200	296,983	27,945	388,637	28,741
Utah	25,773	140	80,951	0	127,147	0
Vermont	3,325	861	7,900	NR	5,940	6,167
Virginia	45,222	78,248	104,761	163,959	211,301	184,418
Washington	76,207	6,435	149,745	84,456	271,206	42,439
West Virginia	9,377	1,538	29,774	1,395	27,549	2,523
Wisconsin	54,764	77,321	65,748	100,448	74,353	119,134
Wyoming	1,835	977	2,308	NR	7,434	2,294
United States, total	4,470,747	4,760,995	5,567,261	7,499,314	10,693,436	13,307,455

KEY: NR = not reported.

SOURCE: American Association of State Highway and Transportation Officials, *Survey of State Funding for Public Transportation - Final Report, 2007*, personal communication, May 25, 2010.

**Table 6-11: Average Motor Gasoline Prices Excluding Taxes, All Grades: 2006-2008  
(Cents per gallon excluding taxes)**

State	2006	2007	2008
Alabama	207.1	227.0	276.7
Alaska	239.9	255.1	339.1
Arizona	218.2	234.5	278.0
Arkansas	203.1	230.2	270.3
California	228.2	248.7	290.6
Colorado	215.0	240.5	276.6
Connecticut	220.0	238.1	280.4
Delaware	215.1	227.2	275.5
District of Columbia	218.6	228.0	280.8
Florida	210.9	229.5	276.2
Georgia	208.9	228.5	279.3
Hawaii	252.5	258.7	317.1
Idaho	214.8	238.2	281.9
Illinois	211.9	237.5	279.2
Indiana	205.2	230.5	273.4
Iowa	206.9	235.6	272.3
Kansas	203.6	231.2	267.6
Kentucky	209.0	232.8	276.2
Louisiana	208.7	228.5	277.0
Maine	214.6	238.4	284.8
Maryland	216.1	231.3	280.8
Massachusetts	216.3	236.6	282.0
Michigan	209.5	235.7	273.8
Minnesota	211.4	237.5	270.0
Mississippi	209.7	227.7	272.6
Missouri	204.9	228.6	267.5
Montana	209.5	236.9	280.4
Nebraska	209.2	236.3	266.8
Nevada	223.2	242.1	282.9
New Hampshire	217.0	234.8	280.9
New Jersey	218.8	231.7	281.7
New Mexico	220.7	245.6	281.9
New York	214.3	233.5	282.8
North Carolina	205.0	226.4	274.3
North Dakota	213.5	245.1	278.2
Ohio	204.5	231.5	269.5
Oklahoma	204.3	234.6	268.5
Oregon	222.4	247.7	292.4
Pennsylvania	208.3	228.2	274.2
Rhode Island	214.5	229.4	272.9
South Carolina	206.6	226.6	276.2
South Dakota	214.3	240.6	274.1
Tennessee	205.7	226.9	273.6
Texas	207.8	228.1	271.3
Utah	209.5	232.6	277.8
Vermont	219.6	242.0	292.5
Virginia	210.7	229.0	275.4
Washington	220.1	241.8	285.6
West Virginia	211.6	234.0	282.5
Wisconsin	211.9	236.3	273.9
Wyoming	218.0	243.5	283.9
United States, total	212.1	233.8	277.2

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

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *Gasoline Prices by Formulation, Grade, Sales Type* (Washington, DC), available at [http://tonto.eia.doe.gov/dnav/pet/pet\\_pri\\_allmg\\_a\\_EPM0\\_PTA\\_cpgal\\_a.htm](http://tonto.eia.doe.gov/dnav/pet/pet_pri_allmg_a_EPM0_PTA_cpgal_a.htm) as of Apr. 16, 2010.

**Table 6-12: State Motor-Fuel Tax Rates: 2008**  
(Cents per gallon)

State	Gasoline	Diesel	Liquefied petroleum gas	Gasohol <sup>1</sup>
Alabama	18.00	19.00	0.00	18.00
Alaska	8.00	8.00	0.00	8.00
Arizona	18.00	26.00	0.00	18.00
Arkansas	21.50	22.50	16.50	21.50
California	18.00	18.00	6.00	18.00
Colorado	22.00	20.50	20.50	22.00
Connecticut	25.00	43.40	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	15.60	15.60	14.50	15.60
Georgia	7.50	7.50	7.50	7.50
Hawaii	17.00	17.00	5.20	16.00
Idaho	25.00	25.00	18.10	22.50
Illinois	19.00	21.50	19.00	19.00
Indiana	18.00	16.00	0.00	18.00
Iowa	21.00	22.50	20.00	19.00
Kansas	24.00	26.00	23.00	24.00
Kentucky	22.50	19.50	21.10	22.50
Louisiana	20.00	20.00	16.00	20.00
Maine	28.40	29.80	0.00	23.00
Maryland	23.50	24.25	0.00	0.00
Massachusetts	21.00	21.00	33.60	21.00
Michigan	19.00	15.00	15.00	0.00
Minnesota	22.50	20.00	15.00	22.50
Mississippi	18.40	18.40	17.00	18.40
Missouri	17.00	17.00	17.00	17.00
Montana	27.75	27.75	0.00	23.00
Nebraska	26.00	26.00	26.00	26.00
Nevada	24.00	27.00	22.00	24.00
New Hampshire	19.60	19.60	0.00	0.00
New Jersey	10.50	13.50	5.25	10.50
New Mexico	18.88	22.88	12.00	18.88
New York	24.45	22.65	8.05	0.00
North Carolina	30.15	30.15	27.10	30.15
North Dakota	23.00	23.00	23.00	23.00
Ohio	28.00	28.00	28.00	28.00
Oklahoma	17.00	14.00	17.00	17.00
Oregon	24.00	24.00	18.50	24.00
Pennsylvania	30.00	38.10	22.80	31.20
Rhode Island	30.00	30.00	30.00	30.00
South Carolina	16.00	16.00	16.00	16.00
South Dakota	22.00	22.00	20.00	20.00
Tennessee	20.00	17.00	14.00	20.00
Texas	20.00	20.00	15.00	20.00
Utah	24.50	24.50	24.50	24.50
Vermont	21.00	27.00	0.00	20.00
Virginia	17.50	17.50	17.50	17.50
Washington	37.50	37.50	36.00	37.50
West Virginia	32.20	32.20	32.20	32.20
Wisconsin	30.90	30.90	22.60	30.90
Wyoming	14.00	14.00	14.00	14.00
Federal tax	18.40	24.40	13.60	18.40

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

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table MF-121T, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 16, 2010.



# Section G

\* \* \*

## Energy and Environment



# Energy and Environment

**Table 7-1: Transportation Energy Consumption by Energy Source: 2007  
(Trillion Btu)**

State	Natural gas <sup>1</sup>	Petroleum						Electrical system energy				
		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 <sup>4</sup>	energy losses <sup>5</sup>	Total <sup>4</sup>
Alabama	16.1	133.8	13.2	329.5	8.5	3.4	488.3	0.5	\$	504.4	\$	504.4
Alaska	2.2	45.3	164.7	34.9	1.7	1.8	248.3	1.0	0.0	250.5	0.0	250.5
Arizona	23.1	124.1	37.5	359.5	0.0	3.3	524.4	16.3	0.0	547.4	0.0	547.4
Arkansas	10.2	98.0	7.0	176.9	0.0	3.1	284.9	0.3	\$	295.2	\$	295.2
California	19.7	497.8	628.2	1,962.6	249.3	20.0	3,358.0	82.5	2.9	3,380.5	6.2	3,386.8
Colorado	14.2	83.8	76.7	268.2	0.0	2.9	431.5	5.8	0.2	445.9	0.3	446.3
Connecticut	4.6	44.7	11.7	195.3	0.1	2.0	253.8	12.2	0.7	259.0	1.5	260.5
Delaware	\$	9.7	0.6	56.5	7.8	1.0	75.7	3.4	0.0	75.7	0.0	75.7
Dist. of Columbia	0.6	1.6	0.0	15.5	0.0	0.3	17.5	0.7	1.1	19.1	2.4	21.5
Florida	11.2	267.6	176.7	1,067.6	83.4	6.9	1,602.1	9.1	0.3	1,613.6	0.7	1,614.3
Georgia	6.4	226.5	38.1	622.2	35.5	4.9	927.2	5.1	0.6	934.2	1.3	935.5
Hawaii	\$	36.4	72.3	57.9	28.1	0.6	195.3	1.7	0.0	195.3	0.0	195.3
Idaho	7.8	41.9	5.1	80.8	0.0	1.2	129.1	1.8	0.0	136.9	0.0	136.9
Illinois	12.0	230.0	167.7	638.0	0.2	9.7	1,045.6	34.1	1.9	1,059.5	4.0	1,063.5
Indiana	7.3	205.1	42.2	385.2	1.8	4.8	639.1	16.1	0.1	646.5	0.1	646.6
Iowa	12.6	100.6	5.1	194.4	0.0	3.3	303.4	4.3	0.0	316.0	0.0	316.0
Kansas	25.2	82.3	8.7	161.2	0.0	4.1	256.4	4.9	0.0	281.7	0.0	281.7
Kentucky	12.2	160.7	45.2	276.3	0.0	3.4	485.6	11.9	0.0	497.9	0.0	497.9
Louisiana	54.0	156.7	127.1	278.8	92.9	4.1	659.7	0.5	\$	713.7	\$	713.8
Maine	0.8	27.5	10.0	85.9	1.2	1.0	125.7	0.8	0.0	126.5	0.0	126.5
Maryland	3.4	86.5	20.0	340.2	4.6	2.3	453.7	17.2	1.8	458.8	3.9	462.7
Massachusetts	2.5	69.2	46.7	364.2	1.8	3.0	484.9	21.3	1.4	488.8	3.0	491.7
Michigan	26.7	136.4	29.9	593.7	1.8	9.3	771.2	22.8	\$	797.9	\$	797.9
Minnesota	20.7	113.7	63.9	324.7	2.5	5.0	509.8	19.9	0.1	530.7	0.2	530.8
Mississippi	28.1	108.3	24.8	208.1	4.3	2.3	347.8	0.3	\$	375.9	\$	375.9
Missouri	2.8	162.6	35.9	399.5	\$	6.2	604.2	13.6	0.1	607.1	0.1	607.3
Montana	7.9	52.5	5.8	60.3	0.0	1.5	120.1	1.8	0.0	128.1	0.0	128.1
Nebraska	5.5	63.1	5.5	101.8	0.0	2.4	172.8	2.6	0.0	178.3	0.0	178.3
Nevada	3.6	54.6	52.2	146.6	\$	1.3	254.8	4.3	\$	258.4	0.1	258.5
New Hampshire	\$	14.4	0.9	91.2	0.0	0.5	107.0	3.6	0.0	107.1	0.0	107.1
New Jersey	1.8	154.8	207.2	547.1	118.2	4.8	1,032.0	32.6	1.0	1,034.9	2.2	1,037.0
New Mexico	14.1	76.0	11.0	116.9	0.0	1.4	205.4	1.3	0.0	219.6	0.0	219.6
New York	16.1	169.8	113.3	713.5	44.4	6.8	1,047.8	26.5	11.6	1,075.5	25.0	1,100.5
North Carolina	5.2	160.5	40.6	549.7	3.7	7.1	761.7	4.5	\$	766.9	\$	766.9
North Dakota	14.6	42.7	4.0	42.0	0.0	1.1	89.9	2.1	0.0	104.5	0.0	104.5
Ohio	14.7	274.4	102.9	635.2	\$	10.1	1,022.5	25.7	0.2	1,037.4	0.4	1,037.8
Oklahoma	30.5	169.5	30.0	229.1	0.0	4.7	433.3	7.0	0.0	463.8	0.0	463.8
Oregon	9.9	94.0	31.9	192.6	13.7	4.2	336.5	5.6	0.2	346.6	0.5	347.0
Pennsylvania	36.6	229.9	87.9	638.5	21.5	8.0	985.8	14.1	3.0	1,025.4	6.4	1,031.8
Rhode Island	1.0	11.2	1.9	49.9	\$	0.5	63.6	3.6	0.0	64.6	0.0	64.6
South Carolina	2.7	107.2	10.7	316.2	9.8	2.2	446.2	2.7	0.0	448.9	0.0	448.9
South Dakota	5.7	30.0	5.0	50.9	0.0	1.2	87.0	2.8	0.0	92.7	0.0	92.7
Tennessee	10.4	177.0	78.3	387.0	\$	4.7	647.1	15.9	\$	657.5	\$	657.5
Texas	94.5	694.8	427.6	1,490.8	185.4	14.1	2,812.6	53.8	0.2	2,907.4	0.5	2,907.9
Utah	12.9	74.2	40.2	133.1	0.0	1.5	249.1	3.1	0.1	262.1	0.2	262.4
Vermont	\$	9.3	1.8	42.5	0.0	0.4	54.0	0.3	0.0	54.0	0.0	54.0
Virginia	7.4	174.3	107.9	510.5	8.3	4.0	805.1	18.9	0.7	813.1	1.4	814.5
Washington	8.1	143.2	116.0	338.0	62.7	4.2	664.1	10.2	\$	672.2	\$	672.2
West Virginia	22.4	50.3	1.3	103.5	0.0	1.5	156.7	0.8	\$	179.2	\$	179.2
Wisconsin	3.0	111.4	12.6	316.0	0.2	3.7	443.9	15.9	\$	446.9	\$	446.9
Wyoming	15.2	67.1	2.1	40.6	0.0	1.8	111.6	0.9	0.0	126.9	0.0	126.9
United States, total	668.7	6,456.9	3,357.6	17,321.3	993.6	204.3	28,333.8	568.9	28.0	29,030.5	60.5	29,091.0

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

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

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

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

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

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

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

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *State Energy Data System* (Washington, DC: 2009), table S7, available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) as of Apr. 15, 2010.

# Energy and Environment

**Table 7-2: Energy Consumption by End-Use Sector: 2007  
(Trillion Btu)**

State	Total energy consumed <sup>1</sup>	End-use sectors <sup>2</sup>							
		Transportation		Residential		Commercial		Industrial <sup>1</sup>	
		Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent
Alabama	2,132.0	504.4	23.7	405.5	19.0	280.6	13.2	941.6	44.2
Alaska	723.6	250.5	34.6	54.4	7.5	62.4	8.6	356.3	49.2
Arizona	1,577.8	547.4	34.7	430.1	27.3	368.5	23.4	231.7	14.7
Arkansas	1,149.3	295.2	25.7	228.6	19.9	161.9	14.1	463.7	40.3
California	8,491.5	3,386.8	39.9	1,535.2	18.1	1,613.9	19.0	1,955.7	23.0
Colorado	1,479.3	446.3	30.2	342.9	23.2	291.1	19.7	399.0	27.0
Connecticut	870.7	260.5	29.9	276.5	31.8	218.5	25.1	115.2	13.2
Delaware	302.0	75.7	25.1	66.8	22.1	58.4	19.3	101.1	33.5
District of Columbia	187.2	21.5	11.5	37.1	19.8	124.6	66.6	4.0	2.1
Florida	4,601.9	1,614.3	35.1	1,339.5	29.1	1,089.2	23.7	558.9	12.1
Georgia	3,133.0	935.5	29.9	744.4	23.8	565.7	18.1	887.4	28.3
Hawaii	343.7	195.3	56.8	37.7	11.0	42.4	12.3	68.3	19.9
Idaho	529.6	136.9	25.8	122.3	23.1	83.6	15.8	186.9	35.3
Illinois	4,043.2	1,063.5	26.3	997.1	24.7	780.1	19.3	1,202.5	29.7
Indiana	2,904.0	646.6	22.3	551.5	19.0	360.1	12.4	1,345.8	46.3
Iowa	1,235.2	316.0	25.6	234.5	19.0	192.4	15.6	492.2	39.8
Kansas	1,136.2	281.7	24.8	226.0	19.9	202.5	17.8	426.0	37.5
Kentucky	2,023.0	497.9	24.6	372.6	18.4	260.9	12.9	891.6	44.1
Louisiana	3,766.2	713.8	19.0	356.4	9.5	292.3	7.8	2,403.8	63.8
Maine	455.6	126.5	27.8	106.6	23.4	75.7	16.6	146.7	32.2
Maryland	1,488.7	462.7	31.1	425.6	28.6	416.4	28.0	184.0	12.4
Massachusetts	1,514.6	491.7	32.5	443.1	29.3	384.0	25.4	195.6	12.9
Michigan	3,026.9	797.9	26.4	786.0	26.0	624.5	20.6	818.6	27.0
Minnesota	1,874.6	530.8	28.3	413.5	22.1	351.9	18.8	578.4	30.9
Mississippi	1,239.5	375.9	30.3	234.4	18.9	175.0	14.1	454.1	36.6
Missouri	1,964.1	607.3	30.9	521.1	26.5	406.8	20.7	428.9	21.8
Montana	462.1	128.1	27.7	79.4	17.2	68.3	14.8	186.4	40.3
Nebraska	692.9	178.3	25.7	154.5	22.3	136.0	19.6	224.2	32.4
Nevada	777.4	258.5	33.3	183.3	23.6	134.2	17.3	201.4	25.9
New Hampshire	314.2	107.1	34.1	92.2	29.3	70.4	22.4	44.6	14.2
New Jersey	2,743.7	1,037.0	37.8	615.5	22.4	639.1	23.3	452.1	16.5
New Mexico	710.7	219.6	30.9	114.3	16.1	124.9	17.6	251.9	35.4
New York	4,064.3	1,100.5	27.1	1,201.8	29.6	1,257.4	30.9	504.6	12.4
North Carolina	2,700.0	766.9	28.4	715.9	26.5	573.5	21.2	643.7	23.8
North Dakota	428.1	104.5	24.4	63.8	14.9	60.9	14.2	198.8	46.4
Ohio	4,048.9	1,037.8	25.6	955.6	23.6	707.8	17.5	1,347.8	33.3
Oklahoma	1,608.5	463.8	28.8	306.2	19.0	250.3	15.6	588.3	36.6
Oregon	1,108.2	347.0	31.3	267.6	24.1	209.4	18.9	284.2	25.6
Pennsylvania	4,006.2	1,031.8	25.8	966.6	24.1	718.9	17.9	1,288.8	32.2
Rhode Island	217.6	64.6	29.7	71.9	33.0	57.6	26.5	23.5	10.8
South Carolina	1,692.3	448.9	26.5	359.0	21.2	263.5	15.6	620.9	36.7
South Dakota	292.2	92.7	31.7	66.0	22.6	58.7	20.1	74.8	25.6
Tennessee	2,330.5	657.5	28.2	546.2	23.4	386.7	16.6	740.1	31.8
Texas	11,834.5	2,907.9	24.6	1,594.1	13.5	1,381.6	11.7	5,950.9	50.3
Utah	805.5	262.4	32.6	166.4	20.7	151.8	18.8	224.9	27.9
Vermont	162.1	54.0	33.3	47.5	29.3	31.2	19.2	29.4	18.1
Virginia	2,610.9	814.5	31.2	628.4	24.1	600.5	23.0	567.4	21.7
Washington	2,067.2	672.2	32.5	490.1	23.7	383.9	18.6	521.0	25.2
West Virginia	850.5	179.2	21.1	163.6	19.2	111.5	13.1	396.1	46.6
Wisconsin	1,846.3	446.9	24.2	419.0	22.7	356.8	19.3	623.5	33.8
Wyoming	496.4	126.9	25.6	45.8	9.2	60.3	12.1	263.4	53.1
United States	101,468.0	29,091.0	28.7	21,604.3	21.3	18,278.7	18.0	32,494.1	32.0

<sup>1</sup> U.S. total energy and U.S. industrial sector include 44.2 trillion Btu of net imports of coal coke that is not allocated to the states.

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

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

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

**SOURCE:** U.S. Department of Energy, Energy Information Administration, *State Energy Data System* (Washington, DC: 2009), table S1, available at

**Table 7-3: Transportation Energy Consumption per Capita: 2007**

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	4,637.9	488.3	105.3	504.4	108.8
Alaska	682.3	248.3	363.9	250.5	367.1
Arizona	6,362.2	524.4	82.4	547.4	86.0
Arkansas	2,842.2	284.9	100.2	295.2	103.9
California	36,226.1	3,358.0	92.7	3,386.8	93.5
Colorado	4,842.3	431.5	89.1	446.3	92.2
Connecticut	3,488.6	253.8	72.8	260.5	74.7
Delaware	864.9	75.7	87.5	75.7	87.5
District of Columbia	586.4	17.5	29.8	21.5	36.7
Florida	18,277.9	1,602.1	87.7	1,614.3	88.3
Georgia	9,533.8	927.2	97.3	935.5	98.1
Hawaii	1,276.8	195.3	153.0	195.3	153.0
Idaho	1,499.2	129.1	86.1	136.9	91.3
Illinois	12,779.4	1,045.6	81.8	1,063.5	83.2
Indiana	6,346.1	639.1	100.7	646.6	101.9
Iowa	2,978.7	303.4	101.9	316.0	106.1
Kansas	2,775.6	256.4	92.4	281.7	101.5
Kentucky	4,256.3	485.6	114.1	497.9	117.0
Louisiana	4,376.1	659.7	150.7	713.8	163.1
Maine	1,317.3	125.7	95.4	126.5	96.0
Maryland	5,634.2	453.7	80.5	462.7	82.1
Massachusetts	6,499.3	484.9	74.6	491.7	75.7
Michigan	10,050.8	771.2	76.7	797.9	79.4
Minnesota	5,191.2	509.8	98.2	530.8	102.2
Mississippi	2,921.7	347.8	119.0	375.9	128.7
Missouri	5,909.8	604.2	102.2	607.3	102.8
Montana	957.2	120.1	125.5	128.1	133.8
Nebraska	1,769.9	172.8	97.6	178.3	100.7
Nevada	2,567.8	254.8	99.2	258.5	100.7
New Hampshire	1,317.3	107.0	81.2	107.1	81.3
New Jersey	8,636.0	1,032.0	119.5	1,037.0	120.1
New Mexico	1,968.7	205.4	104.3	219.6	111.5
New York	19,422.8	1,047.8	53.9	1,100.5	56.7
North Carolina	9,064.1	761.7	84.0	766.9	84.6
North Dakota	638.2	89.9	140.9	104.5	163.7
Ohio	11,520.8	1,022.5	88.8	1,037.8	90.1
Oklahoma	3,612.2	433.3	120.0	463.8	128.4
Oregon	3,733.0	336.5	90.1	347.0	93.0
Pennsylvania	12,522.5	985.8	78.7	1,031.8	82.4
Rhode Island	1,055.0	63.6	60.3	64.6	61.2
South Carolina	4,424.2	446.2	100.9	448.9	101.5
South Dakota	797.0	87.0	109.2	92.7	116.3
Tennessee	6,172.9	647.1	104.8	657.5	106.5
Texas	23,837.7	2,812.6	118.0	2,907.9	122.0
Utah	2,663.8	249.1	93.5	262.4	98.5
Vermont	620.5	54.0	87.0	54.0	87.0
Virginia	7,719.7	805.1	104.3	814.5	105.5
Washington	6,465.0	664.1	102.7	672.2	104.0
West Virginia	1,811.2	156.7	86.5	179.2	98.9
Wisconsin	5,601.6	443.9	79.2	446.9	79.8
Wyoming	523.4	111.6	213.2	126.9	242.4
<b>United States</b>	<b>301,579.9</b>	<b>28,333.8</b>	<b>94.0</b>	<b>29,091.0</b>	<b>96.5</b>

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

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

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

**SOURCES:** U.S. Department of Commerce, U.S. Census Bureau, *National Population Estimates*, available at <http://www.census.gov/popest/states/NST-ann-est.html> as of Apr. 15, 2010.

U.S. Department of Energy, Energy Information Administration, *State Energy Data System* (Washington, DC: 2009), table S7, available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) as of Apr. 15, 2010.

# Energy and Environment

**Table 7-4: Motor-Fuel Use: 2008<sup>1</sup>**  
(Millions of gallons)

State	Gasoline				Special fuel (mainly diesel) Private and commercial	Total use		
	Highway use		Nonhighway use			Private and commercial	Public use	Combined total
	Private and commercial	Public use	Private and commercial	Public use				
Alabama	2,472	38	69	2	774	3,316	40	3,356
Alaska	254	7	25	<0.5	245	524	8	532
Arizona	2,612	39	67	2	819	3,499	41	3,540
Arkansas	1,333	26	52	1	628	2,014	28	2,042
California	14,567	221	253	11	2,957	17,776	232	18,008
Colorado	2,005	36	38	2	583	2,625	38	2,663
Connecticut	1,441	21	36	1	296	1,773	22	1,796
Delaware	412	7	24	<0.5	66	502	7	509
District of Columbia	91	10	6	<0.5	27	123	10	133
Florida	7,758	143	351	5	1,496	9,605	148	9,753
Georgia	4,605	62	97	3	1,336	6,039	65	6,104
Hawaii	417	10	14	<1.5	59	490	11	501
Idaho	595	14	37	1	247	878	14	893
Illinois	4,743	94	103	5	1,477	6,323	98	6,421
Indiana	2,884	51	126	2	1,317	4,327	54	4,380
Iowa	1,469	31	122	2	652	2,243	32	2,276
Kansas	1,218	28	48	1	482	1,749	30	1,779
Kentucky	2,054	37	52	2	822	2,928	38	2,966
Louisiana	2,026	37	64	2	699	2,789	38	2,827
Maine	627	10	17	1	192	836	11	846
Maryland	2,597	30	63	1	535	3,196	31	3,227
Massachusetts	2,718	38	50	2	380	3,148	39	3,188
Michigan	4,384	70	141	3	842	5,367	73	5,440
Minnesota	2,433	46	117	2	668	3,218	48	3,267
Mississippi	1,563	27	37	1	626	2,226	29	2,255
Missouri	3,053	49	69	2	997	4,119	51	4,170
Montana	449	11	24	1	253	726	11	737
Nebraska	787	19	31	1	409	1,227	20	1,246
Nevada	1,084	15	31	1	339	1,454	16	1,470
New Hampshire	691	10	18	<0.5	99	808	10	818
New Jersey	4,142	54	82	3	905	5,129	56	5,186
New Mexico	873	17	29	1	474	1,375	18	1,394
New York	5,367	108	141	5	1,423	6,931	113	7,044
North Carolina	4,476	94	141	3	1,022	5,639	97	5,735
North Dakota	329	8	23	<0.5	199	551	9	559
Ohio	4,810	85	125	4	1,514	6,448	89	6,537
Oklahoma	1,731	34	72	2	907	2,710	35	2,746
Oregon	1,431	27	51	1	540	2,023	29	2,052
Pennsylvania	4,807	105	65	4	1,421	6,292	109	6,402
Rhode Island	382	8	11	<0.5	63	455	9	464
South Carolina	2,467	30	77	1	678	3,221	32	3,253
South Dakota	386	10	21	<0.5	206	613	10	623
Tennessee	2,904	47	90	2	1,003	3,997	49	4,047
Texas	11,496	164	236	8	4,242	15,975	172	16,147
Utah	983	21	34	1	459	1,475	22	1,498
Vermont	317	6	7	<0.5	61	385	6	391
Virginia	3,819	55	71	3	1,038	4,927	57	4,984
Washington	2,510	54	76	2	661	3,247	56	3,303
West Virginia	732	17	17	1	287	1,036	18	1,054
Wisconsin	2,365	46	73	2	747	3,185	49	3,233
Wyoming	302	7	43	<0.5	390	734	7	741
United States	129,969	2,236	3,669	103	38,560	172,198	2,338	174,537

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

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics 2008* (Washington, DC: 2009), table MF-21, available at <http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm> as of Apr. 15, 2010.

**Table 7-5: Alternative-Fueled Vehicles in Use by Fuel Type: 2007  
(Number of vehicles)**

State	Fuel Type							Total
	Liquefied petroleum gases		Ethanol	Electricity	Hydrogen	Other		
	gases	Natural gas						
Alabama	1,727	349	7,327	481	0	0	9,884	
Alaska	159	476	1,592	62	0	0	2,289	
Arizona	6,374	11,765	10,966	3,873	0	0	32,978	
Arkansas	1,757	191	1,580	60	0	0	3,588	
California	14,134	35,767	37,025	30,273	0	0	117,199	
Colorado	4,201	1,310	9,305	292	0	0	15,108	
Connecticut	249	1,831	3,301	37	0	0	5,418	
Delaware	68	104	1,926	0	0	0	2,098	
District of Columbia	200	1,245	4,575	0	0	0	6,020	
Florida	4,372	2,942	22,101	559	0	0	29,974	
Georgia	8,356	2,311	9,172	1,308	0	0	21,147	
Hawaii	837	2	4,943	125	0	0	5,907	
Idaho	923	366	2,717	23	0	0	4,029	
Illinois	2,424	2,649	14,280	197	0	0	19,550	
Indiana	3,032	2,249	3,603	0	0	0	8,884	
Iowa	1,095	6	5,022	17	0	0	6,140	
Kansas	847	286	2,949	0	0	0	4,082	
Kentucky	1,223	237	5,929	0	0	0	7,389	
Louisiana	1,977	451	3,890	226	0	0	6,544	
Maine	365	1	719	0	0	0	1,085	
Maryland	472	2,349	9,687	464	0	0	12,972	
Massachusetts	483	2,118	2,998	2,721	0	0	8,320	
Michigan	3,351	467	10,690	1,902	0	0	16,410	
Minnesota	4,127	119	5,898	17	0	0	10,161	
Mississippi	2,960	116	3,077	0	0	0	6,153	
Missouri	3,687	193	7,098	3	0	0	10,981	
Montana	560	27	3,282	0	0	0	3,869	
Nebraska	274	368	2,454	0	0	0	3,096	
Nevada	2,891	3,140	5,194	43	0	0	11,268	
New Hampshire	295	62	706	119	0	0	1,182	
New Jersey	2,311	4,290	7,964	511	0	0	15,076	
New Mexico	1,428	1,194	8,951	0	0	0	11,573	
New York	1,162	9,136	8,921	8,378	0	0	27,597	
North Carolina	4,170	447	24,258	460	0	0	29,335	
North Dakota	258	13	3,074	0	0	0	3,345	
Ohio	3,230	1,132	8,654	482	0	0	13,498	
Oklahoma	2,535	2,835	2,887	38	0	0	8,295	
Oregon	1,331	1,520	5,254	1,636	0	0	9,741	
Pennsylvania	1,095	2,101	8,893	0	0	0	12,089	
Rhode Island	68	1,289	1,177	255	0	0	2,789	
South Carolina	1,242	177	11,100	358	0	0	12,877	
South Dakota	177	2	3,471	0	0	0	3,650	
Tennessee	796	302	8,407	49	0	0	9,554	
Texas	58,715	11,238	18,009	173	0	0	88,135	
Utah	310	2,756	3,964	0	0	0	7,030	
Vermont	211	18	429	333	0	0	991	
Virginia	1,856	2,177	14,148	127	0	0	18,308	
Washington	902	1,560	12,365	37	0	0	14,864	
West Virginia	290	44	1,469	0	0	0	1,803	
Wisconsin	2,163	1,004	5,561	0	0	0	8,728	
Wyoming	473	354	1,421	67	0	0	2,315	
State Unknown	111	86	1	24	223	3	448	
United States, total	158,254	117,172	364,384	55,730	223	3	695,766	

**NOTES:** *Natural gas* includes vehicles using compressed natural gas (CNG) and liquefied natural gas (LNG). *Ethanol* excludes vehicles used by private individuals because most of those vehicles are believed to be in use as traditional gasoline-powered vehicles. This table does not include data on gasoline-electric hybrids. The estimated number of methanol M100 and M85, and 95-percent ethanol vehicles in use is zero for 2007.

**SOURCE:** U.S. Department of Energy, Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels, *Alternatives to Traditional Transportation Fuels 2007*, table V3, available at <http://www.eia.doe.gov/fuelrenewable.html> as of Apr. 15, 2010.

**Table 7-6: Top 10 States for New Registrations of Gasoline-Electric Hybrid Automobiles: 2007**

<b>State</b>	<b>Rank</b>	<b>Registrations</b>
California	1	91,417
Florida	2	19,283
New York	3	17,385
Texas	4	17,196
Washington	5	13,107
Illinois	6	13,094
Virginia	7	11,952
Pennsylvania	8	11,089
Massachusetts	9	9,982
New Jersey	10	9,645
Top 10 states, total		214,150
United States, total		350,289
Top 10 states as percent of U.S. total		61.1

**SOURCE:** Based on R. L. Polk & Co., *R. L. Polk & Co. Analysis Shows Hybrid Registrations Continue To Rise*, Table 1, press release 4/21/08, available at [http://usa.polk.com/news/latestnews/news\\_2008\\_0421\\_hybrids.htm](http://usa.polk.com/news/latestnews/news_2008_0421_hybrids.htm) as of May 24, 2009.







# Section H

\* \* \*

## Information on Data Sources



## Information on Data Sources

### Airline freight and passenger data

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

#### Additional information:

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

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

### Commodity Flow Survey

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

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

#### Additional information:

Contact: USDOT, RITA, Bureau of Transportation Statistics

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

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

### Commuting data

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

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

### **Additional information:**

Contact: USDOC, U.S. Census Bureau

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

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

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

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

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

### **Additional information:**

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

Internet: <http://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*.

## Information on Data Sources

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

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

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

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

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

### **Additional information:**

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

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

## **Hazardous materials incidents data**

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

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

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

### **Additional information:**

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

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

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

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

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

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

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

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

### Additional information:

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

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

Internet: <http://www.fhwa.dot.gov/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 traffic way. GES data collectors randomly sample PARs and forward copies to a central contractor for coding into a standard GES system format. Documents such as police diagrams or supporting text provided by the officers might be further reviewed to complete a data entry.

### **Additional information:**

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

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

Internet: <http://www.nhtsa.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 U.S. Department of Homeland Security Customs and Border Protection's Visitor Arrivals Program (I-94) and the U.S. Department of Commerce, Tourism Industries Office's Survey of International Air Travelers. The survey obtains data on overseas travel patterns, characteristics, and spending patterns of international travelers to and from the United States. Between 69,000 and 95,000 travelers are surveyed each year. The survey results are weighted so that they represent the international travel populations of U.S. residents and nonresidents based on U.S. Customs and Border Protection's data.

### **Additional information:**

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

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

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

### **Passenger border-crossing data**

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

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

### **Additional information:**

Contact: USDOT, RITA, Bureau of Transportation Statistics

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

## **Railroad industry and shipments data**

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

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

The STB defines Class I railroads as having operating revenues at or above a threshold indexed to a base of \$250 million (1991) and adjusted annually in concert with changes in the Railroad Freight Rate Index published by the Bureau of Labor Statistics. In 2008, the STB Class I threshold was annual operating revenue of \$401.4 million. Declassification from Class I status occurs when a railroad falls below the applicable threshold for three consecutive years. Although few in number, Class I railroads account for over 90 percent of the industry's revenue.

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

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

### **Additional information:**

Contact: AAR, Policy and Economics Department

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

## **Railroad safety data**

Railroads are required to file a report for each accident or incident to the Federal Railroad Administration (FRA). These include: 1) train accidents, reported on Form F 6180.54, comprised of collisions, derailments, and other events involving the operation of on-track equipment and causing reportable damage above an established threshold (\$8,500 for 2008); 2) highway-rail grade crossing incidents, reported on Form F 6180.57, involving an impact between railroad on-track equipment and highway users at crossings; and 3) other incidents, reported on Form F 6180.55a, involving all other reportable incidents or exposures that cause a fatality or injury to any person or an occupational illness to a railroad employee.

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

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

### **Additional information:**

Contact: USDOT, Federal Railroad Administration, Office of Safety

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

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

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

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

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

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

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

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

### **Additional information:**

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

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

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

## Transborder surface freight data

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

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

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

### Additional information:

Contact: USDOT, RITA, Bureau of Transportation Statistics

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

## Transit operating, financial, and safety data

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

In 2008, 692 agencies submitted data to the NTD. Of that total, 101 transit agencies received exemptions from detailed reporting because they operated 9 or fewer vehicles and 15 received a waiver from detailed reporting. Thus, 576 individual reporters were included in the NTD.

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

### Additional information:

Contact: USDOT, Federal Transit Administration

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

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

## Transportation establishment, employees, and payroll data

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

### Additional information:

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

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

## Waterborne shipments data

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

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

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

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

### Additional information:

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

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

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



# Section I

\* \* \*

## Appendices and Glossary





**Appendix 1: Data Sources and Availability**

Publication/database	Source	Website	Tables	Update available (approx.)
Air Carrier Activity Information System (ACAIS)	U.S. DOT, Federal Aviation Administration, Office of Airports	<a href="http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcar_go_stats/passenger/">http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcar_go_stats/passenger/</a>	3-9	4th quarter 2009
Air Traffic Statistics	U.S. DOT, RITA, Bureau of Transportation Statistics, Office of Airline Information	<a href="http://www.bts.gov">http://www.bts.gov</a>	3-8, 4-6, 4-7	3rd quarter 2009
Air Trends	U.S. Environmental Protection Agency, Office of Air and Radiation	<a href="http://www.epa.gov/air/airtrends/index.html">http://www.epa.gov/air/airtrends/index.html</a>	7-7	4th quarter 2009
Alternatives to Traditional Transportation Fuels	U.S. Department of Energy, Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels	<a href="http://www.eia.doe.gov/fuelrenewable.html">http://www.eia.doe.gov/fuelrenewable.html</a>	7-5	4th quarter 2009
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 2009
Border Crossing Data	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international">http://www.bts.gov/programs/international</a>	14, 4-15, 4-16, 4-17, 4-18, 4-19, 4-20	2nd quarter 2009
American Community Survey	U.S. Census Bureau	<a href="http://www.census.gov/acs/www/">http://www.census.gov/acs/www/</a>	4-1	3rd quarter 2009
Commodity Flow Survey	U.S. DOT, RITA, Bureau of Transportation Statistics	<a href="http://www.bts.gov/publications/commodity_flow_survey/">http://www.bts.gov/publications/commodity_flow_survey/</a>	3-1, 3-2, 3-3	2010
County Business Patterns	U.S. Census Bureau	<a href="http://www.census.gov/econ/cbp/index.html">http://www.census.gov/econ/cbp/index.html</a>	6-1, 6-2, 6-3, 6-4, 6-5, 6-6	2nd quarter 2009
Cruise Passenger Statistics	U.S. Department of Transportation, Maritime Administration	<a href="http://www.maradot.gov/library/landing_page/data_and_statistics/Data_and_Statistics.htm">http://www.maradot.gov/library/landing_page/data_and_statistics/Data_and_Statistics.htm</a>	4-8	4th quarter 2009
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 2009
Government Transportation Financial Statistics	U.S. Census Bureau	<a href="http://www.census.gov/govs/estimate/">http://www.census.gov/govs/estimate/</a>	6-8, 6-9	4th quarter 2009
Hazmat Summary by State	U.S. DOT, PHMSA, Office of Hazardous Material Safety	<a href="http://www.phmsa.dot.gov/hazmat/incident-report">http://www.phmsa.dot.gov/hazmat/incident-report</a>	2-19, 2-20	1st quarter 2009
Highway Statistics	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm">http://www.fhwa.dot.gov/policy/ohpi/hss/hsspubs.cfm</a>	1-1, 1-2, 1-4, 2-1, 4-2, 5-1, 5-2, 5-3, 5-4, 6-12, 7-4	4th quarter 2009
Hybrid Registrations (News)	R. L. Polk & Co.	<a href="http://usa.polk.com/News/LatestNews/">http://usa.polk.com/News/LatestNews/</a>	7-6	N/A
Maximum Posted Speed Limits for Passenger Vehicles	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/laws/state_laws/speed_limit_laws.html">http://www.iihs.org/laws/state_laws/speed_limit_laws.html</a>	2-9	3rd quarter 2009
Motorcycle and Bicycle Helmet Laws	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/laws/state_laws/helmet_current.html">http://www.iihs.org/laws/state_laws/helmet_current.html</a>	2-5	3rd quarter 2009
National Bridge Inventory	U.S. DOT, Federal Highway Administration, Office of Bridge Technology	<a href="http://www.fhwa.dot.gov/bridge/britab.cfm">http://www.fhwa.dot.gov/bridge/britab.cfm</a>	1-5, 1-6, 1-7	1st quarter 2009
National Transit Database	U.S. DOT, Federal Transit Administration	<a href="http://www.ntdprogram.gov">http://www.ntdprogram.gov</a>	1-8, 1-9, 2-16, 4-3, 4-4	1st quarter 2009
Overseas Visitors to Selected U.S. States and Territories and Overseas Visitors to Select U.S. Cities/Hawaiian Islands	U.S. Dept. of Commerce, International Trade Administration, Office of Travel & Tourism Industries	<a href="http://tinet.ita.doc.gov/">http://tinet.ita.doc.gov/</a>	4-21, 4-22	1st quarter 2009
Gasoline Prices by Formulation, Grade, Sales Type	U.S. DOE, Energy Information Administration	<a href="http://tonto.eia.doe.gov/dnav/pet/pet_prices_allmg_a_EPM0_PTA_cpgal_a.htm">http://tonto.eia.doe.gov/dnav/pet/pet_prices_allmg_a_EPM0_PTA_cpgal_a.htm</a>	6-11	3rd quarter 2009
Pipeline Statistics	U.S. DOT, PHMSA, Office of Pipeline Safety	<a href="http://www.phmsa.dot.gov/pipeline">http://www.phmsa.dot.gov/pipeline</a>	2-21, 2-22, 2-23	1st quarter 2009

# Appendices and Glossary

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

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

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

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

## Glossary

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

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

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

**Class I (rail):** As defined by the Surface Transportation Board in 2007, a Class I Railroad is a railroad with operating revenues of at least \$401.42 million.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Printed on paper containing recycled  
post consumer waste paper.