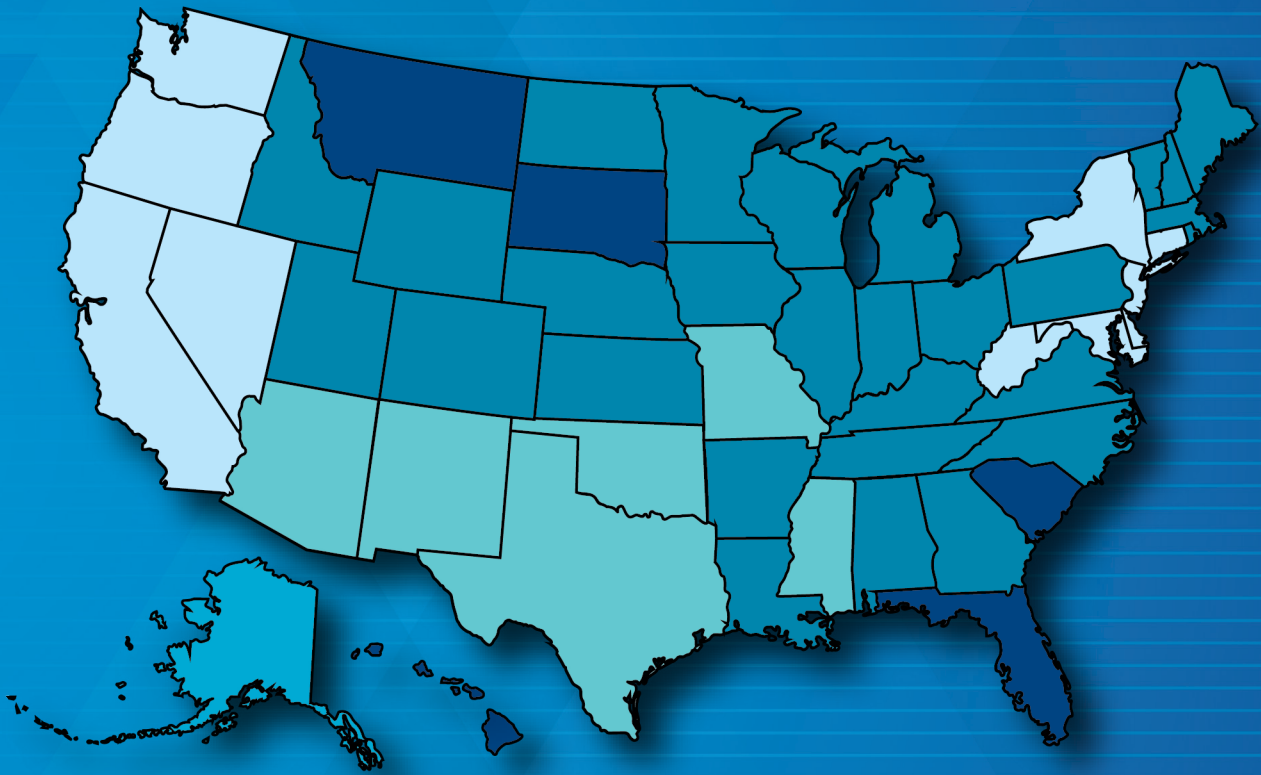
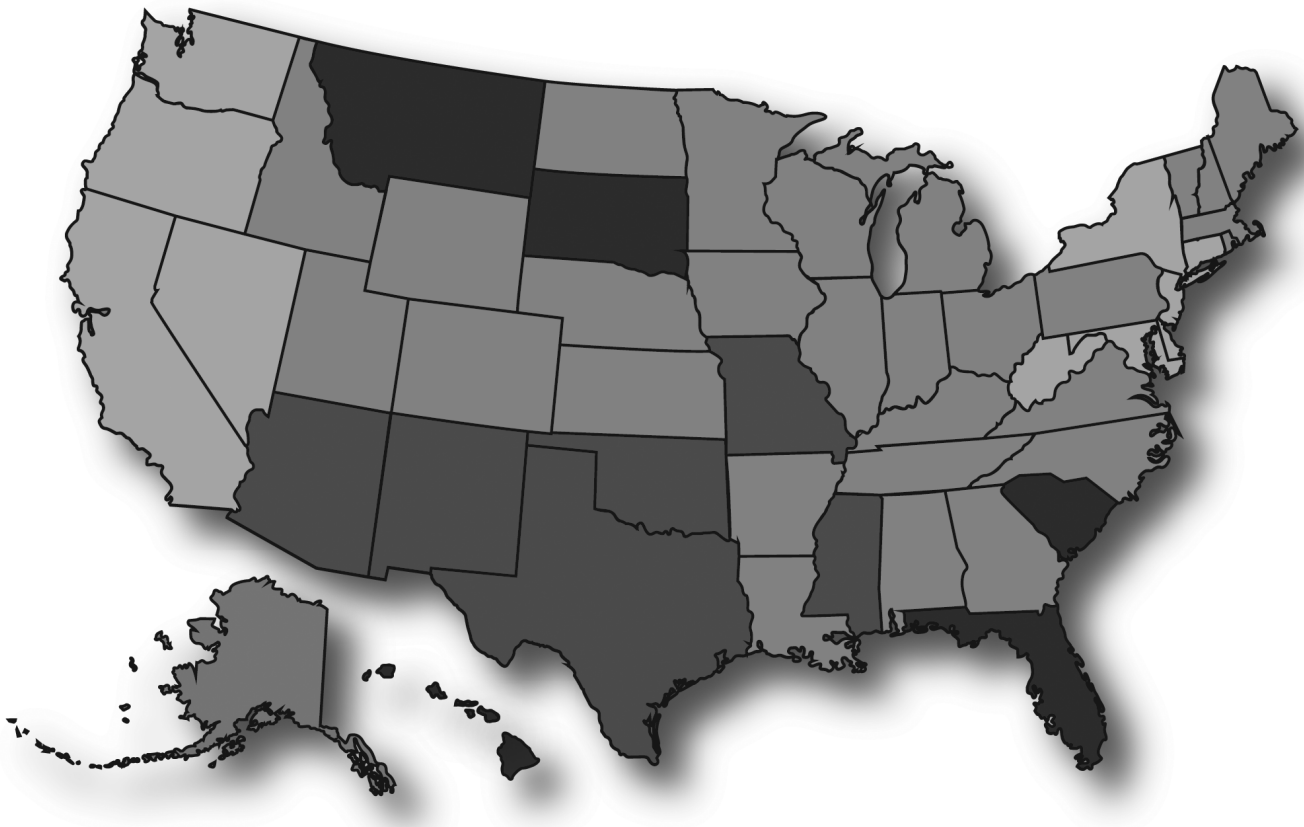


# STATE TRANSPORTATION STATISTICS 2014



U.S. Department of Transportation  
Bureau of Transportation Statistics

# State Transportation Statistics 2014





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# About *State Transportation Statistics 2014*

The Bureau of Transportation Statistics (BTS) presents *State Transportation Statistics 2014*, a statistical profile of transportation in the 50 states and the District of Columbia. This is the 12<sup>th</sup> annual edition of *State Transportation Statistics*, a companion document to *National Transportation Statistics (NTS)*, which is updated quarterly on the BTS website.

Like the previous editions, this document presents transportation information from 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 2014* 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.

This report is available free of charge and can be downloaded from our website at [www.bts.gov](http://www.bts.gov). A State Transportation Facts and Figures application also featured on the BTS website uses selected data from this report to present state-by-state comparisons and rankings.

# Table of Contents

## Chapter 1 Infrastructure

1-1	Public Road Length, Miles by Functional System, 2012.....	1
1-2	Public Road Length, Miles by Ownership, 2012 .....	2
1-3	Toll Roads, Toll Bridges and Tunnels, and Toll Ferry Routes, 2012.....	3
1-4	Road Condition, 2012 .....	4
1-5	Number of Road Bridges by Functional System, 2013 .....	5
1-6	Number of Road Bridges by Owner, 2013 .....	6
1-7	Road Bridge Condition, 2013.....	7
1-8	Motor Bus Transit Route Mileage, 2012 .....	8
1-9	Characteristics of Rail Transit by Transit Authority, 2012.....	9
1-10	Public and Private Airports, Heliports, and Seaplane Bases, 2012 .....	10
1-11	Top 50 Commercial Service Airport Enplanements by Air Carrier Category, 2012 .....	11
1-12	Airport Enplanements by State and Air Carrier Category, 2012 .....	12
1-13	Number of Freight Railroads by Class, 2011 .....	13
1-14	Miles of Freight Railroad Operated by Class of Railroad, 2011 .....	14
1-15	Top 50 Water Ports by Tonnage, 2011 and 2012.....	15
1-16	Inland Waterway Mileage, 2012.....	16

## Chapter 2 Safety

2-1	Highway Traffic Fatalities and Fatality Rates, 2012.....	19
2-2	Passenger Car and Light-Truck Occupants Killed and Restraint Use, 2012 .....	20
2-3	Large Truck Involvement in Fatal Crashes, 2012 .....	21
2-4	Key Provisions of Safety Belt Use Laws, 2011 .....	22
2-5	Helmet Use Laws, 2014.....	25
2-6	Safety Belt Use, 2000, 2005, 2010–2012 .....	26
2-7	Pedestrian Fatalities Involving Motor Vehicles, 2012 .....	27
2-8	Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration, 2011 and 2012.....	28
2-9	Maximum Posted Speed Limits by Type of Road, 2014 .....	29
2-10	Rail Accidents/Incidents, 2012.....	30
2-11	Highway-Rail Grade Crossing Incidents, 2012 .....	31
2-12	Highway-Rail Grade Crossings by Type, 2012 .....	32
2-13	Warning Devices at Public Highway-Rail Grade Crossings, 2012.....	33
2-14	Train Accident/Incident Fatalities, Including at Highway-Rail Crossings, by Category of Person Killed, 2012 .....	34
2-15	Train Accident/Incident Injuries, Including at Highway-Rail Crossings, by Category of Person Injured, 2012 .....	35
2-16	Transit Incidents, Fatalities, Injuries, and Property Damage, All Transit Modes, 2011 .....	36
2-17	Recreational Boating Accidents, 2013 .....	37
2-18	Alcohol Involvement in Recreational Boating Accidents, 2013 .....	38
2-19	Hazardous Materials Incidents, 2012 and 2013 .....	39
2-20	Hazardous Materials Incidents by Mode, 2012 and 2013.....	40
2-21	Natural Gas Distribution Pipeline Incidents, 2012 and 2013 .....	41
2-22	Natural Gas Transmission Pipeline Incidents, 2012 and 2013 .....	42
2-23	Hazardous Liquid Pipeline Incidents, 2012 and 2013.....	43
2-24	State Laws on Distracted Driving, July 2014 .....	44

2-25	Bus Involvement in Fatal Crashes, 2012 .....	45
2-26	Bicyclist Fatalities Involving Motor Vehicles, 2012.....	46

## Chapter 3 Freight Transportation

3-1	Freight Shipments by State of Origin, 2007 .....	49
3-2	Hazardous Material Shipments by Selected State of Origin, 2007 .....	50
3-3	Hazardous Material Shipments by Selected State of Destination, 2007 .....	51
3-4	Rail Shipments, 2011 .....	52
3-5	Waterborne Shipments, 2011 and 2012 .....	53
3-6	Top 50 U.S. Ports by Port Calls and Vessel Type, 2011 .....	54
3-7	Top 30 U.S. Containership Ports, 2012 .....	55
3-8	Scheduled and Nonscheduled Air Freight and Mail Enplaned, 2012.....	56
3-9	Top 50 Airports by Landed Weight of All-Cargo Operations, 2007–2012 .....	57
3-10	U.S. Surface Merchandise Trade with Canada and Mexico, 2013 .....	58
3-11	U.S. Surface Merchandise Imports from Canada and Mexico, 2013.....	59
3-12	Incoming Truck Crossings, U.S.-Canadian Border, 2008–2013 .....	60
3-13	Incoming Truck Container (Loaded) Crossings, U.S.-Canadian Border, 2008–2013 .....	60
3-14	Incoming Truck Container (Empty) Crossings, U.S.-Canadian Border, 2008–2013 .....	60
3-15	Incoming Train Crossings, U.S.-Canadian Border, 2008–2013 .....	61
3-16	Incoming Rail Container (Loaded) Crossings, U.S.-Canadian Border, 2008–2013.....	61
3-17	Incoming Rail Container (Empty) Crossings, U.S.-Canadian Border, 2008–2013.....	61
3-18	Incoming Truck Crossings, U.S.-Mexican Border, 2008–2013 .....	62
3-19	Incoming Truck Container (Loaded) Crossings, U.S.-Mexican Border, 2008–2013 .....	62
3-20	Incoming Truck Container (Empty) Crossings, U.S.-Mexican Border, 2008–2013 .....	62
3-21	Incoming Train Crossings, U.S.-Mexican Border, 2008–2013 .....	63
3-22	Incoming Rail Container (Loaded) Crossings, U.S.-Mexican Border, 2008–2013.....	63
3-23	Incoming Rail Container (Empty) Crossings, U.S.-Mexican Border, 2008–2013.....	63
3-24	Top 50 U.S. Foreign Trade Freight Gateways, 2012 .....	64

## Chapter 4 Passenger Travel

4-1	Commuting to Work, 2012 .....	67
4-2	Licensed Drivers, 2012 .....	68
4-3	Transit Ridership in the 50 Largest Urbanized Areas, 2011 and 2012.....	69
4-4	Urban Transit Ridership by State and Transit Mode, 2012 .....	70
4-5	Top 50 Amtrak Stations by Number of Passengers, Fiscal Years 2012 and 2013 .....	71
4-6	Top 50 Airports by Passengers Enplaned on Large U.S. Carriers, 2003, 2012, 2013 .....	72
4-7	Major Airports by On-Time Arrival Performance, 2012 and 2013 .....	73
4-8	Top 15 Cruise Ship Ports by Port of Departure, 2010 and 2011 .....	74
4-9	Incoming Personal Vehicle Crossings, U.S.-Canadian Border, 2008–2013 .....	75
4-10	Incoming Passengers in Personal Vehicles, U.S.-Canadian Border, 2008–2013.....	75
4-11	Incoming Train Passengers, U.S.-Canadian Border, 2008–2013 .....	75
4-12	Incoming Bus Crossings, U.S.-Canadian Border, 2008–2013.....	76
4-13	Incoming Passengers on Buses, U.S.-Canadian Border, 2008–2013.....	76
4-14	Incoming Pedestrians, U.S.-Canadian Border, 2008–2013 .....	76
4-15	Incoming Personal Vehicle Crossings, U.S.-Mexican Border, 2008–2013 .....	77
4-16	Incoming Passengers in Personal Vehicles, U.S.-Mexican Border, 2008–2013.....	77
4-17	Incoming Train Passengers, U.S.-Mexican Border, 2008–2013 .....	77
4-18	Incoming Bus Crossings, U.S.-Mexican Border, 2008–2013.....	78
4-19	Incoming Passengers on Buses, U.S.-Mexican Border, 2008–2013 .....	78

4-20	Incoming Pedestrians, U.S.-Mexican Border, 2008–2013 .....	78
4-21	Overseas Visitors to the United States by Destination State and Territory, 2002, 2007, 2011 and 2012 .....	79
4-22	Overseas Visitors to the United States by Destination City, 2002, 2007, 2011 and 2012 .....	80

## **Chapter 5 Registered Vehicles and Vehicle-Miles Traveled**

5-1	Motor-Vehicle Registrations, 2012.....	83
5-2	Trailer and Semi-Trailer Registrations, 2012 .....	84
5-3	Highway Vehicle-Miles Traveled (VMT), 2007 and 2012 .....	85
5-4	Highway, Demographic, and Geographic Characteristics of 30 Largest Urbanized Areas, 2012 .....	86
5-5	Highway Congestion in the 50 Largest Urban Areas, 2011 .....	87
5-6	Recreational Boat Registrations by Propulsion Type, 2013.....	88
5-7	General Aviation and Air Taxi Aircraft and Hours Flown, 2012.....	89
5-8	Active Aviation Pilots and Flight Instructors, 2012 .....	90

## **Chapter 6 Economy and Finance**

6-1	Transportation and Warehousing Establishments and Employment, 2011 .....	93
6-2	Air Transportation Establishments and Employment, 2011 .....	94
6-3	Water Transportation Establishments and Employment, 2011 .....	95
6-4	Truck Transportation Establishments and Employment, 2011 .....	96
6-5	Transit and Ground Passenger Transportation Establishments and Employment, 2011 .....	97
6-6	Pipeline Transportation Establishments and Employment, 2011 .....	98
6-7	Freight Railroad Employment, Retirement, and Wages, 2011 .....	99
6-8	Transportation Expenditures by State and Local Governments, 2011.....	100
6-9	Transportation Revenues Collected by State and Local Governments, 2011 .....	101
6-10	Federal and State Funding of Public Transit, 2008, 2010, and 2012.....	102
6-11	Average Motor Gasoline Prices Excluding Taxes, All Grades, 2008–2010.....	103
6-12	State Motor-Fuel Tax Rates, 2012 .....	104

## **Chapter 7 Energy and Environment**

7-1	Transportation Energy Consumption by Energy Source, 2012 .....	107
7-2	Energy Consumption by End-Use Sector, 2012 .....	108
7-3	Transportation Energy Consumption per Capita, 2012 .....	109
7-4	Motor-Fuel Use, 2012 .....	110
7-5	Alternative Fuel Vehicles in Use by Fuel Type, 2011 .....	111
7-6	Alternative Fuel Stations by Fuel Type, 2012 .....	112
7-7	Air Pollution in the 50 Largest Metropolitan Areas, 2008–2013 .....	113

## **Appendices**

Appendix A	- Information on Data Sources .....	117
Appendix B	- Data Sources and Availability .....	125
Appendix C	- State DOT Contact Information .....	127
Appendix D	- Glossary .....	128





# **Chapter 1**

## **Infrastructure**





**Table 1-1: Public Road Length, Miles by Functional System: 2012**

State	Other principal and minor			Local	Total
	Interstate	arterials <sup>1</sup>	Major and minor collectors		
Alabama	1,002	9,399	22,275	69,135	101,811
Alaska	1,081	1,573	3,293	10,354	16,301
Arizona	1,169	6,021	8,058	50,014	65,262
Arkansas	656	7,388	20,878	71,201	100,123
California	2,453	29,375	32,176	111,495	175,499
Colorado	952	9,234	16,255	62,084	88,524
Connecticut	346	3,004	3,207	14,875	21,431
Delaware	41	675	1,045	4,618	6,377
District of Columbia	12	287	156	1,047	1,502
Florida	1,495	13,579	14,542	92,213	121,829
Georgia	1,248	14,283	23,062	86,929	125,523
Hawaii	55	790	828	2,743	4,416
Idaho	612	4,249	10,504	33,129	48,492
Illinois	2,182	14,785	21,995	105,376	144,337
Indiana	1,239	8,726	22,454	64,870	97,289
Iowa	782	9,778	31,626	72,252	114,438
Kansas	874	9,674	33,644	96,423	140,614
Kentucky	801	6,160	16,553	55,808	79,321
Louisiana	895	5,665	9,971	44,795	61,326
Maine	367	2,200	5,911	14,393	22,871
Maryland	480	4,115	5,064	22,712	32,372
Massachusetts	574	6,765	4,551	24,438	36,330
Michigan	1,244	15,007	24,482	81,316	122,051
Minnesota	914	13,669	30,387	93,862	138,833
Mississippi	700	7,628	15,540	51,313	75,181
Missouri	1,379	10,498	25,075	95,027	131,978
Montana	1,192	6,048	16,272	51,392	74,905
Nebraska	482	8,143	20,772	64,400	93,797
Nevada	596	3,490	5,553	28,930	38,567
New Hampshire	225	1,585	2,745	11,549	16,105
New Jersey	431	6,391	4,436	28,013	39,272
New Mexico	1,000	5,131	8,552	53,701	68,384
New York	1,708	14,603	20,754	77,644	114,709
North Carolina	1,254	10,013	17,369	77,426	106,063
North Dakota	571	5,946	11,887	68,447	86,851
Ohio	1,573	11,465	22,659	87,583	123,281
Oklahoma	933	8,420	25,311	78,158	112,821
Oregon	729	7,111	17,706	33,713	59,262
Pennsylvania	1,856	13,760	19,854	84,378	119,846
Rhode Island	69	914	885	4,613	6,480
South Carolina	851	7,234	15,082	43,076	66,244
South Dakota	679	6,426	19,000	56,430	82,536
Tennessee	1,104	9,296	17,984	67,138	95,523
Texas	3,273	33,388	65,104	211,446	313,210
Utah	937	3,754	8,190	33,010	45,890
Vermont	320	1,339	3,091	9,542	14,291
Virginia	1,119	8,642	14,345	50,485	74,592
Washington	764	8,339	17,312	57,463	83,878
West Virginia	555	3,496	8,629	26,005	38,684
Wisconsin	743	12,796	23,452	78,104	115,094
Wyoming	913	3,647	10,114	13,741	28,416
United States, total	47,432	415,902	800,585	2,828,808	4,092,729
U.S. total (incl. Puerto Rico) <sup>2</sup>	47,714	417,636	802,319	2,841,749	4,109,420

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

<sup>2</sup>Data for Puerto Rico are for 2010.

**NOTE:** The difference in total miles between tables 1-1 and 1-2 results from the Federal Highway Administration's 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*, HM-20, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014.

**Table 1-2: Public Road Length, Miles by Ownership: 2012**

State	State highway agency	County	Town, township, municipal	Other jurisdiction <sup>1</sup>	Federal agency <sup>2</sup>	Total
Alabama	10,894	62,347	26,931	169	1,471	101,811
Alaska	5,610	3,697	1,855	2,966	2,174	16,301
Arizona	6,751	17,990	22,143	4,114	14,264	65,262
Arkansas	16,395	65,794	15,292	0	2,641	100,123
California	15,127	64,835	75,764	3,071	16,701	175,499
Colorado	9,063	56,155	16,013	849	6,444	88,524
Connecticut	3,720	0	17,321	334	56	21,431
Delaware	5,379	0	798	78	122	6,377
District of Columbia	1,375	0	0	28	99	1,502
Florida	12,079	70,034	37,483	75	2,157	121,829
Georgia	17,912	85,598	17,889	357	3,767	125,523
Hawaii	948	3,274	0	64	130	4,416
Idaho	4,986	16,032	6,236	13,423	7,815	48,492
Illinois	15,991	16,509	110,843	743	250	144,337
Indiana	11,006	65,913	18,912	176	1,282	97,288
Iowa	8,892	89,835	14,952	621	137	114,438
Kansas	10,316	113,266	15,855	238	938	140,614
Kentucky	27,625	39,741	10,628	381	947	79,321
Louisiana	16,659	32,693	11,317	31	625	61,326
Maine	8,375	362	13,675	321	138	22,871
Maryland	5,155	21,317	4,784	284	833	32,372
Massachusetts	3,019	0	32,542	668	101	36,330
Michigan	9,652	89,473	21,196	40	1,690	122,051
Minnesota	11,833	46,534	76,152	1,730	2,583	138,832
Mississippi	10,885	52,202	10,905	157	1,030	75,181
Missouri	33,884	73,423	23,199	0	1,472	131,978
Montana	11,000	43,099	4,264	4,237	12,304	74,905
Nebraska	9,948	61,124	22,299	194	231	93,797
Nevada	5,297	24,838	4,775	396	3,260	38,567
New Hampshire	3,925	0	11,967	105	108	16,105
New Jersey	2,326	6,642	28,733	1,011	558	39,272
New Mexico	11,937	39,489	4,930	154	11,874	68,384
New York	15,030	20,233	77,288	1,452	706	114,709
North Carolina	79,332	0	22,292	1,123	3,314	106,063
North Dakota	7,377	10,108	67,799	19	1,546	86,851
Ohio	19,236	29,092	73,046	1,136	772	123,281
Oklahoma	12,267	78,929	20,509	1,103	13	112,821
Oregon	7,663	32,956	10,862	669	7,113	59,262
Pennsylvania	39,792	291	77,577	1,356	832	119,846
Rhode Island	1,099	0	5,275	16	91	6,480
South Carolina	41,393	20,271	2,218	191	2,171	66,244
South Dakota	7,806	35,223	35,506	1,623	2,378	82,536
Tennessee	13,885	57,998	22,114	341	1,185	95,523
Texas	80,268	146,480	85,438	208	816	313,210
Utah	5,866	24,189	11,043	366	4,427	45,891
Vermont	2,619	0	11,456	50	167	14,291
Virginia	58,296	1,719	11,706	67	2,803	74,591
Washington	7,054	39,338	18,524	10,178	8,784	83,878
West Virginia	34,558	0	3,205	86	834	38,684
Wisconsin	11,766	20,771	81,712	136	709	115,095
Wyoming	6,847	14,651	2,393	1,050	3,476	28,416
United States, total	780,122	1,794,469	1,319,617	58,185	140,337	4,092,730
U.S. total (incl. Puerto Rico) <sup>3</sup>	784,704	1,794,469	1,331,684	58,198	140,367	4,109,421

<sup>1</sup>Includes state park, state toll, other state agency, other local agency and other 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>Data for Puerto Rico are for 2009.

**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*, HM-10, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014.

**Table 1-3: Toll Roads, Toll Bridges and Tunnels, and Toll Ferry Routes: 2012**

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 <sup>2,3</sup>
Alabama	3.1	3	0	2
Alaska	0.0	0	1	16
Arizona	0.0	0	0	0
Arkansas	0.0	0	0	0
California	134.8	8	0	1
Colorado	84.0	0	0	0
Connecticut	0.0	0	0	6
Delaware	46.7	1	0	1
District of Columbia	0.0	0	0	0
Florida	427.9	14	0	0
Georgia	6.2	0	0	0
Hawaii	0.0	0	0	0
Idaho	0.0	0	0	0
Illinois	374.5	4	0	5
Indiana	157.0	2	0	0
Iowa	0.0	5	0	1
Kansas	236.0	0	0	0
Kentucky	0.0	0	0	3
Louisiana	1.5	4	0	0
Maine	108.2	0	0	15
Maryland	27.6	5	2	2
Massachusetts	138.2	1	2	2
Michigan	0.0	7	1	12
Minnesota	27.0	1	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	127.0	0	0	0
New Jersey	335.0	26	2	1
New Mexico	0.0	0	0	0
New York	511.4	28	4	10
North Carolina	9.2	0	0	4
North Dakota	0.0	1	0	0
Ohio	241.2	2	0	6
Oklahoma	595.1	0	0	0
Oregon	0.0	2	0	5
Pennsylvania	596.7	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	3
Texas	497.8	27	1	1
Utah	1.0	0	0	1
Vermont	11.9	0	0	4
Virginia	57.1	5	2	1
Washington	14.5	4	0	19
West Virginia	86.8	2	0	1
Wisconsin	0.0	0	0	4
Wyoming	0.0	0	0	0
United States, total	4,887.2	140	13	115
U.S. total (incl. Puerto Rico)	5,433.8	141	13	120

<sup>1</sup>Length includes approaches and connecting links that were financed as an integral part of the toll project. The length of toll bridges includes approach sections, which may be used toll free by local residents.

<sup>2</sup>Multiple structures at a single facility are counted as one bridge or tunnel. Does not include bridges or tunnels that are part of roadway segments reported under Toll road mileage.

<sup>3</sup>Excludes ferries providing exclusive service for passengers or freight as opposed to vehicles.

**NOTE:** Totals reflect crossings between states as one facility or ferry route, including 33 bridges, 2 tunnels, and 28 ferry routes. Data as of Jan. 1, 2013.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Highway Policy Information, *Toll Facilities in the United States*, table T-1, available at [www.fhwa.dot.gov/policyinformation/tollpage](http://www.fhwa.dot.gov/policyinformation/tollpage) as of June 2014.

**Table 1-4: Road Condition: 2012**  
(Miles)

State	International Roughness Index (IRI)						Present Serviceability Rating (PSR)				
	Not reported	<60	60-94	95-170	171-220	>220	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0
Alabama	121	4,179	6,882	4,832	714	628	1,132	2,981	3,626	122	34
Alaska	369	399	983	1,224	349	344	0	0	0	0	0
Arizona	865	2,550	2,882	2,523	419	160	67	100	427	169	420
Arkansas	128	985	4,615	7,869	2,290	1,068	1,129	864	1,211	118	6
California	3,386	961	7,585	17,323	8,759	7,845	940	1,316	4,028	1,426	1,026
Colorado	229	669	4,086	8,181	2,092	1,307	0	0	0	0	27
Connecticut	0	158	624	2,161	1,386	1,828	0	0	0	0	0
Delaware	0	79	614	536	132	163	0	0	0	0	0
District of Columbia	0	0	0	17	31	406	0	0	1	1	0
Florida	342	4,316	7,193	3,425	621	535	124	32	908	440	604
Georgia	1,555	3,779	5,119	1,039	34	15	1,642	1,694	7,794	3,592	1,607
Hawaii	2	94	231	600	224	366	0	0	0	0	0
Idaho	167	301	1,603	1,985	289	206	410	635	2,144	895	1,355
Illinois	0	2,196	9,584	12,406	2,916	3,021	0	0	0	0	0
Indiana	363	3,293	6,000	7,925	2,681	1,982	0	0	0	0	0
Iowa	106	2,470	4,328	7,697	1,693	785	0	0	0	0	0
Kansas	25	1,547	7,379	5,333	807	831	556	5,561	41	2,016	155
Kentucky	642	1,549	3,728	5,545	744	484	0	0	0	0	0
Louisiana	187	1,069	4,039	4,647	1,417	1,351	12	3	6	1	0
Maine	0	216	1,139	3,137	1,043	773	0	0	0	0	0
Maryland	65	872	1,900	2,624	817	877	0	0	0	0	0
Massachusetts	28	440	851	2,019	742	729	0	0	6,338	0	0
Michigan	163	3,360	3,955	2,764	729	499	5,523	5,293	6,963	1,959	3,385
Minnesota	1,133	5,416	7,836	8,167	1,424	1,313	0	0	0	0	0
Mississippi	0	1,149	4,905	9,177	4,780	1,170	0	0	0	0	0
Missouri	375	2,554	6,471	12,869	4,436	2,299	0	0	0	0	0
Montana	0	1,805	5,240	4,548	553	366	0	0	0	0	0
Nebraska	14	2,345	3,719	4,305	579	112	406	379	1,431	874	1,398
Nevada	448	1,391	1,306	1,298	86	75	2	2	54	21	0
New Hampshire	0	478	911	1,201	406	411	0	0	2	0	0
New Jersey	86	384	752	2,864	1,682	2,263	22	56	1,531	322	581
New Mexico	77	1,704	2,837	3,786	1,372	1,472	0	0	0	0	0
New York	36	886	7,047	12,188	3,117	3,952	0	5	28	32	0
North Carolina	503	1,717	7,862	8,291	1,200	921	12	15	58	49	123
North Dakota	0	2,044	4,714	2,110	292	37	193	979	1,202	983	1,338
Ohio	20	1,578	7,928	6,907	970	713	2,117	1,884	2,468	1,647	2,779
Oklahoma	6	2,864	5,342	11,325	3,184	5,933	0	0	0	0	0
Oregon	80	1,212	3,286	3,329	587	324	145	458	2,862	2,333	2,630
Pennsylvania	294	1,564	5,601	11,594	2,880	2,402	0	0	0	0	0
Rhode Island	6	40	95	540	254	232	81	115	175	84	119
South Carolina	0	1,623	5,770	11,061	1,811	719	0	0	0	0	0
South Dakota	4	1,669	4,562	3,661	755	242	995	29	2,853	43	373
Tennessee	65	4,145	5,277	3,832	377	284	230	426	1,475	881	747
Texas	1,541	5,138	20,635	37,141	4,529	1,156	1,423	1,848	6,086	2,069	1,878
Utah	236	654	1,760	2,932	571	123	10	52	804	38	3
Vermont	0	342	485	463	111	113	153	334	1,295	36	404
Virginia	59	464	5,213	9,207	2,095	1,301	130	168	983	540	566
Washington	0	870	3,580	9,352	3,581	2,553	0	0	0	1	0
West Virginia	56	181	2,031	4,639	1,223	2,118	0	107	82	0	0
Wisconsin	179	3,919	6,982	9,925	3,855	3,047	0	0	0	0	0
Wyoming	101	834	3,225	2,487	556	34	0	0	0	0	0
United States, total	14,062	84,457	220,689	305,015	78,188	61,892	17,452	25,338	56,875	20,691	21,563
U.S. total (incl. Puerto Rico)	14,093	84,457	220,725	305,583	78,923	62,966	17,452	25,392	57,373	20,924	21,783

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

According to the pavement condition criteria used in the Highway Performance Monitoring System, an IRI rating less than 95 or a PSR rating greater than or equal to 3.5 indicates "good" ride quality. An IRI rating of less than or equal to 170 or a PSR rating for greater than or equal to 2.5 indicates "acceptable" ride quality. For further information, refer to the U.S. Department of Transportation, Federal Highway Administration, 2013 Status of the Nation's Highways, Bridges, and Transit: Conditions and Performance Report, Exhibit 3-1, available at [www.fhwa.dot.gov/policy/2013cpr](http://www.fhwa.dot.gov/policy/2013cpr) as of June 2014.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, HM-63 and HM-64, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014.

**Table 1-5: Number of Road Bridges by Functional System: 2013**

State	Urban					Rural			
	Interstate	Other		Collector	Local	Interstate	Other		
		freeways and expressways	arterials				arterials	Collector	Local
Alabama	558	84	929	289	1,010	694	2,628	5,515	4,371
Alaska	41	0	106	44	50	147	172	300	336
Arizona	297	372	1,116	359	634	1,241	1,724	1,239	880
Arkansas	351	163	749	155	461	464	2,365	5,016	3,024
California	2,589	3,027	4,912	1,330	1,753	1,207	2,838	3,359	3,940
Colorado	518	361	919	379	530	545	1,281	1,784	2,295
Connecticut	732	545	794	440	517	98	236	332	524
Delaware	89	28	189	81	66	0	102	113	196
District of Columbia	68	31	92	15	45	0	0	1	0
Florida	1,227	1,120	2,300	998	1,188	623	1,703	1,398	1,513
Georgia	575	233	2,017	602	1,361	426	2,337	3,795	3,423
Hawaii	181	65	207	73	105	22	209	151	112
Idaho	113	0	338	106	98	279	545	996	1,757
Illinois	1,362	158	2,688	931	1,180	925	2,392	4,582	12,403
Indiana	723	256	1,326	574	831	889	1,569	5,132	7,653
Iowa	314	0	1,084	236	407	394	2,351	7,452	12,160
Kansas	494	432	943	342	397	545	2,630	8,323	11,065
Kentucky	416	133	637	271	407	374	1,638	4,429	5,811
Louisiana	870	157	1,080	317	885	565	2,052	2,833	4,291
Maine	126	19	138	109	82	159	324	709	736
Maryland	703	418	783	299	696	185	366	829	1,012
Massachusetts	897	460	1,643	526	561	91	183	337	438
Michigan	826	315	1,489	470	572	390	1,233	2,611	3,116
Minnesota	417	216	934	284	363	291	1,700	3,259	5,673
Mississippi	298	108	590	293	384	477	2,772	4,739	7,383
Missouri	874	1,075	802	641	1,073	487	2,342	5,042	12,014
Montana	84	0	96	17	62	748	1,002	1,079	2,038
Nebraska	119	52	366	90	148	213	2,169	3,576	8,637
Nevada	215	89	287	211	262	318	148	173	150
New Hampshire	159	57	253	105	178	205	265	421	752
New Jersey	970	775	2,052	651	961	75	182	299	601
New Mexico	278	1	439	134	117	600	1,023	839	504
New York	1,666	1,132	2,618	1,090	1,383	634	1,416	3,263	4,240
North Carolina	665	488	1,388	422	1,383	493	1,801	3,736	7,792
North Dakota	59	0	142	19	33	147	605	892	2,542
Ohio	1,347	776	1,986	994	1,380	854	2,299	6,820	10,559
Oklahoma	503	422	1,052	567	639	602	2,589	7,161	9,377
Oregon	305	71	766	352	191	362	1,200	2,283	2,126
Pennsylvania	1,368	823	3,035	1,307	1,489	1,067	2,499	4,088	6,984
Rhode Island	86	109	262	89	119	15	15	41	30
South Carolina	354	77	802	532	550	375	1,252	2,679	2,654
South Dakota	117	6	155	51	65	338	976	1,321	2,846
Tennessee	718	317	1,872	436	967	703	2,774	5,356	6,915
Texas	3,188	3,913	6,291	2,512	4,745	2,269	8,192	11,202	10,249
Utah	412	42	343	93	279	437	349	453	566
Vermont	57	2	93	42	31	256	374	696	1,180
Virginia	1,008	435	1,536	514	859	672	1,544	2,649	4,548
Washington	651	474	956	224	285	292	905	2,033	2,082
West Virginia	248	68	335	125	272	396	758	1,999	2,924
Wisconsin	513	376	1,277	183	514	612	2,289	2,530	5,794
Wyoming	160	6	118	48	45	765	516	534	907
United States, total	30,909	20,287	57,325	20,972	32,613	24,966	74,834	140,399	203,123
U.S. total (incl. Puerto Rico)	31,152	20,399	57,699	21,141	32,829	25,146	75,061	140,730	203,551

**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, Functional Classification of Bridges by Highway System, available at [www.fhwa.dot.gov/bridge/nbi.cfm](http://www.fhwa.dot.gov/bridge/nbi.cfm) as of July 2014.



**Table 1-6: Number of Road Bridges by Owner: 2013**

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	161	5,739	0	37	10,108	0	2	31	16,078
Alaska	206	810	0	22	152	0	3	3	1,196
Arizona	420	4,702	0	23	2,705	0	1	5	7,862
Arkansas	163	7,253	0	42	5,288	0	0	2	12,748
California	560	12,232	0	166	11,919	5	55	16	24,955
Colorado	262	3,437	0	2	4,773	121	3	14	8,612
Connecticut	7	2,812	0	13	1,248	0	0	4	4,218
Delaware	5	830	0	2	11	16	0	0	864
District of Columbia	36	212	0	1	2	0	1	0	252
Florida	149	5,441	1,155	173	5,035	6	46	65	12,070
Georgia	157	6,648	0	19	7,896	0	1	48	14,769
Hawaii	34	716	0	1	372	0	0	2	1,125
Idaho	518	1,321	0	17	1,719	0	656	1	4,232
Illinois	59	7,767	458	45	18,171	0	21	100	26,621
Indiana	60	5,434	332	60	13,037	1	12	17	18,953
Iowa	34	4,097	0	22	20,238	1	3	3	24,398
Kansas	114	5,018	364	39	19,635	0	0	1	25,171
Kentucky	99	8,978	0	11	4,990	0	2	35	14,116
Louisiana	261	7,781	0	34	4,931	5	33	5	13,050
Maine	17	1,963	166	8	223	0	1	24	2,402
Maryland	93	2,555	310	36	2,275	0	18	4	5,291
Massachusetts	18	3,462	8	86	1,560	1	1	0	5,136
Michigan	83	4,419	4	4	6,490	0	19	3	11,022
Minnesota	76	3,614	0	61	9,329	0	20	37	13,137
Mississippi	455	5,722	0	5	10,837	0	0	25	17,044
Missouri	61	10,328	0	18	13,855	1	67	20	24,350
Montana	700	2,482	0	0	1,944	0	0	0	5,126
Nebraska	60	3,509	0	35	11,620	0	100	45	15,370
Nevada	36	1,060	0	4	699	0	44	10	1,853
New Hampshire	58	1,301	162	5	908	1	0	3	2,438
New Jersey	31	2,367	1,122	214	2,661	31	3	18	6,566
New Mexico	217	2,975	0	2	737	0	1	3	3,935
New York	49	7,475	774	214	8,542	172	109	107	17,442
North Carolina	370	16,946	14	23	814	0	0	1	18,168
North Dakota	76	1,130	0	7	3,212	0	4	10	4,439
Ohio	10	10,355	463	13	16,107	0	4	63	27,015
Oklahoma	123	6,792	768	25	15,198	0	4	2	22,912
Oregon	801	2,715	0	45	4,038	2	48	7	7,656
Pennsylvania	66	15,207	731	260	6,108	44	6	237	22,660
Rhode Island	4	597	3	11	144	0	6	1	766
South Carolina	69	8,404	0	3	780	0	0	19	9,275
South Dakota	104	1,796	0	20	3,955	0	0	0	5,875
Tennessee	350	8,247	0	42	11,408	0	8	3	20,058
Texas	181	33,719	290	36	17,677	546	88	11	52,561
Utah	145	1,804	0	0	1,017	0	8	0	2,974
Vermont	18	1,087	0	0	1,621	0	0	5	2,731
Virginia	344	11,886	12	6	1,406	62	0	49	13,765
Washington	585	3,274	1	15	4,012	2	10	3	7,902
West Virginia	38	6,837	99	29	103	0	10	9	7,125
Wisconsin	115	5,185	0	0	8,772	0	0	16	14,088
Wyoming	289	1,955	0	6	846	0	0	3	3,099
United States, total	8,947	282,396	7,236	1,962	301,128	1,017	1,418	1,090	605,471
U.S. total (incl. Puerto Rico)	8,958	283,995	7,548	1,962	301,484	1,017	1,419	1,091	607,751

**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 for each state may not add to totals because totals include bridges for which ownership is unknown.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, National Bridge Inventory, Highway Bridge by Owner, available at [www.fhwa.dot.gov/bridge/nbi.cfm](http://www.fhwa.dot.gov/bridge/nbi.cfm) as of July 2014.

**Table 1-7: Road Bridge Condition: 2013**

State	All bridges	Structurally deficient	Functionally obsolete	Percent of all bridges	
				Structurally deficient	Functionally obsolete
Alabama	16,078	1,405	2,203	8.7	13.7
Alaska	1,196	133	157	11.1	13.1
Arizona	7,862	238	716	3.0	9.1
Arkansas	12,748	880	2,014	6.9	15.8
California	24,955	2,769	4,184	11.1	16.8
Colorado	8,612	536	902	6.2	10.5
Connecticut	4,218	413	1,059	9.8	25.1
Delaware	864	56	121	6.5	14.0
District of Columbia	252	21	159	8.3	63.1
Florida	12,070	259	1,785	2.1	14.8
Georgia	14,769	835	1,765	5.7	12.0
Hawaii	1,125	144	350	12.8	31.1
Idaho	4,232	406	453	9.6	10.7
Illinois	26,621	2,275	1,971	8.5	7.4
Indiana	18,953	1,944	2,224	10.3	11.7
Iowa	24,398	5,043	1,228	20.7	5.0
Kansas	25,171	2,554	1,911	10.1	7.6
Kentucky	14,116	1,234	3,202	8.7	22.7
Louisiana	13,050	1,827	1,963	14.0	15.0
Maine	2,402	366	425	15.2	17.7
Maryland	5,291	333	1,085	6.3	20.5
Massachusetts	5,136	487	2,207	9.5	43.0
Michigan	11,022	1,298	1,720	11.8	15.6
Minnesota	13,137	1,086	427	8.3	3.3
Mississippi	17,044	2,274	1,362	13.3	8.0
Missouri	24,350	3,357	3,276	13.8	13.5
Montana	5,126	376	506	7.3	9.9
Nebraska	15,370	2,739	1,026	17.8	6.7
Nevada	1,853	36	217	1.9	11.7
New Hampshire	2,438	355	435	14.6	17.8
New Jersey	6,566	624	1,710	9.5	26.0
New Mexico	3,935	298	356	7.6	9.0
New York	17,442	2,078	4,697	11.9	26.9
North Carolina	18,168	2,308	3,226	12.7	17.8
North Dakota	4,439	726	240	16.4	5.4
Ohio	27,015	2,242	4,405	8.3	16.3
Oklahoma	22,912	4,227	1,601	18.4	7.0
Oregon	7,656	431	1,323	5.6	17.3
Pennsylvania	22,660	5,218	4,343	23.0	19.2
Rhode Island	766	167	266	21.8	34.7
South Carolina	9,275	1,048	872	11.3	9.4
South Dakota	5,875	1,210	249	20.6	4.2
Tennessee	20,058	1,157	2,645	5.8	13.2
Texas	52,561	1,283	8,715	2.4	16.6
Utah	2,974	117	320	3.9	10.8
Vermont	2,731	251	652	9.2	23.9
Virginia	13,765	1,186	2,402	8.6	17.5
Washington	7,902	372	1,694	4.7	21.4
West Virginia	7,125	944	1,570	13.2	22.0
Wisconsin	14,088	1,198	772	8.5	5.5
Wyoming	3,099	443	280	14.3	9.0
United States, total	605,471	63,207	83,391	10.4	13.8
U.S. total (incl. Puerto Rico)	607,751	63,522	84,348	10.5	13.9

**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. Definitions of the terms Structurally Deficient and Functionally Obsolete can be found in the Federal Highway Administration 2013, *Conditions and Performance Report* at <http://www.fhwa.dot.gov/policy/2013cpr/>.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, Office of Bridge Technology, National Bridge Inventory, Functional Classification of Bridges by Highway System, available at [www.fhwa.dot.gov/bridge/nbi.cfm](http://www.fhwa.dot.gov/bridge/nbi.cfm) as of July 2014.

**Table 1-8: Motor Bus Transit Route Mileage: 2012**

State	Directional route-miles		
	Exclusive right-of-way	Controlled right-of-way	Mixed right-of-way
Alabama	0.0	0.0	1,472.4
Alaska	0.0	0.0	247.8
Arizona	0.0	329.7	4,925.4
Arkansas	0.0	0.0	433.1
California	436.6	645.0	40,936.1
Colorado	42.7	9.8	4,872.2
Connecticut	52.4	0.0	3,718.3
Delaware	0.0	0.0	1,468.1
District of Columbia	10.4	56.6	2,552.6
Florida	42.6	91.6	14,646.0
Georgia	183.6	0.0	3,553.2
Hawaii	1.2	34.7	910.9
Idaho	0.0	0.0	366.4
Illinois	3.7	0.0	8,397.3
Indiana	0.0	0.0	2,676.3
Iowa	0.0	0.0	1,381.8
Kansas	0.0	0.0	986.1
Kentucky	0.0	0.0	2,038.4
Louisiana	14.0	0.0	1,793.4
Maine	0.0	0.0	144.0
Maryland	14.8	16.2	6,204.9
Massachusetts	6.2	1.6	6,267.6
Michigan	0.0	0.0	7,950.8
Minnesota	321.3	78.0	4,443.9
Mississippi	0.0	0.0	494.7
Missouri	0.4	6.9	3,114.2
Montana	0.0	0.0	455.5
Nebraska	0.0	0.0	892.3
Nevada	48.3	9.2	1,697.7
New Hampshire	0.0	0.0	650.0
New Jersey	0.0	51.9	12,986.4
New Mexico	0.0	0.0	900.0
New York	19.3	123.2	14,729.0
North Carolina	22.0	0.0	4,554.7
North Dakota	0.0	0.0	302.9
Ohio	8.8	9.6	9,677.7
Oklahoma	0.0	0.0	1,514.6
Oregon	12.7	0.6	2,723.3
Pennsylvania	90.4	0.0	12,680.6
Rhode Island	1.6	0.0	1,230.8
South Carolina	0.0	0.0	2,887.5
South Dakota	0.0	0.0	191.1
Tennessee	0.0	0.0	3,699.2
Texas	500.6	178.0	14,287.7
Utah	48.1	0.0	3,950.3
Vermont	0.0	0.0	446.0
Virginia	0.0	343.8	5,389.2
Washington	468.2	241.2	7,070.5
West Virginia	0.0	0.0	1,174.3
Wisconsin	23.2	0.0	3,988.1
Wyoming	0.0	0.0	0.0
United States, total	2,373.1	2,227.6	234,075.3
U.S. total (incl. Puerto Rico)	2,401.3	2,227.6	234,633.6

**NOTES:** Motor bus includes commuter bus, bus, bus rapid transit, and trolleybus. 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 [www.ntdprogram.gov](http://www.ntdprogram.gov) as of July 2014.

**Table 1-9: Characteristics of Rail Transit by Transit Authority: 2012**

Rail transit mode/transit agency	Primary city served	States served	Directional route-miles	Number of crossings	Number of stations <sup>1</sup>	Number of accessible stations <sup>2</sup>
<b>Heavy rail, total</b>	<b>11</b>	<b>17</b>	<b>1,601.4</b>	<b>27</b>	<b>1028</b>	<b>526</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	145	94
The Greater Cleveland Regional Transit Authority	Cleveland	OH	38.1	0	18	15
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	31.9	0	16	16
Miami-Dade Transit	Miami	FL	49.8	0	23	23
MTA New York City Transit	New York	NY, NJ, CT	487.5	0	468	94
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	22	4
Port Authority Transit Corporation	Philadelphia	PA, NJ, DE, MD	31.5	0	13	5
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	74.9	0	75	37
San Francisco Bay Area Rapid Transit District	San Francisco	CA	209.0	0	44	44
Washington Metropolitan Area Transit Authority	Washington	DC, MD, VA	211.8	0	86	86
<b>Light rail, total</b>	<b>29</b>	<b>25</b>	<b>1,724.1</b>	<b>3,325</b>	<b>928</b>	<b>815</b>
Capital Metropolitan Transportation Authority	Austin	TX	64.2	0	9	9
Maryland Transit Administration	Baltimore	MD	57.6	52	33	33
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	51.0	65	74	36
Niagara Frontier Transportation Authority	Buffalo	NY	12.4	8	15	15
Charlotte Area Transit System	Charlotte	NC	18.6	19	19	19
The Greater Cleveland Regional Transit Authority	Cleveland	OH	30.4	22	34	10
Dallas Area Rapid Transit	Dallas	TX	155.1	162	58	58
Denver Regional Transportation District	Denver	CO	70.0	37	36	36
Metropolitan 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	3.8	24	0	0
Los Angeles County Metropolitan Transportation Authority	Los Angeles	CA	136.3	152	66	66
Memphis Area Transit Authority	Memphis	TN, MS, AR	10.0	62	7	7
Metro Transit	Minneapolis	MN	24.7	50	19	19
New Orleans Regional Transit Authority	New Orleans	LA	25.3	238	9	9
New Jersey Transit Corporation	Newark	NJ	116.2	120	61	55
Hampton Roads Transit	Norfolk	VA	14.8	22	11	11
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	82.9	695	45	2
Valley Metro Rail, Inc.	Phoenix	AZ	39.2	140	33	33
Port Authority of Allegheny County	Pittsburgh	PA	49.6	44	26	26
City of Portland	Portland	OR	14.78	8	2	2
Tri-County Metropolitan Transportation District of Oregon	Portland	OR, WA	133.5	214	41	41
Sacramento Regional Transit District	Sacramento	CA	76.1	133	50	49
Utah Transit Authority	Salt Lake City	UT	70.7	132	50	50
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 Transit Authority	Seattle	WA	34.4	51	13	13
King County Department of Transportation	Seattle	WA	2.7	18	11	11
Bi-State Development Agency	St. Louis	MO, IL	91.1	25	37	37
Hillsborough Area Regional Transit Authority	Tampa	FL	5.4	23	9	9
<b>Commuter rail, total<sup>3</sup></b>	<b>19</b>	<b>23</b>	<b>8,681.7</b>	<b>3,471</b>	<b>1,244</b>	<b>832</b>
Rio Metro Regional Transit District	Albuquerque	NM	193.1	86	13	13
Alaska Railroad Corporation	Anchorage	AK	959.9	133	10	10
Maryland Transit Administration	Baltimore	MD	400.4	40	42	24
Massachusetts Bay Transportation Authority	Boston	MA, NH, RI	776.1	258	137	101
Northern New England Passenger Rail Authority	Boston	MA, ME, NH	230.4	65	10	10
Northeast Illinois Regional Commuter Railroad Corporation	Chicago	IL, WI	980.4	571	241	169
Northern Indiana Commuter Transportation District	Chicago	IL, IN	179.8	117	20	13
Dallas Area Rapid Transit	Dallas	TX	72.3	44	10	10
Denton County Transportation Authority	Dallas	TX	42.6	42	5	5
Connecticut Department of Transportation	Hartford	CT	101.2	3	9	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
Metro Transit	Minneapolis	MN	77.9	36	7	7
Regional Transportation Authority	Nashville	TN	62.8	35	6	6
Metro-North Commuter Railroad Company	New York	NY, NJ, CT	545.7	158	111	46
MTA Long Island Rail Road	New York	NY, NJ, CT	638.2	343	124	103
New Jersey Transit Corporation	New York	NY, NJ, CT	1,001.8	330	164	77
Pennsylvania Department of Transportation	Philadelphia	PA	144.4	4	12	5
Southeastern Pennsylvania Transportation Authority	Philadelphia	PA	446.9	283	154	62
Utah Transit Authority	Salt Lake City	UT	174.5	63	16	16
North County Transit District	San Diego	CA	82.2	34	8	8
Peninsula Corridor Joint Powers Board	San Francisco	CA	153.7	54	32	26
Altamont Commuter Express	San Jose	CA	172.0	127	10	10
Central Puget Sound Regional Transit Authority	Seattle	WA	163.8	117	12	12
Virginia Railway Express	Washington	DC, VA, MD	161.5	20	18	18
<b>United States, total</b>	<b>38</b>	<b>34</b>	<b>12,007.2</b>	<b>6,823</b>	<b>3,200</b>	<b>2,173</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:** Beginning in 2012, National Transit Database data are reported according to revised modal classifications. Light rail includes systems classified as light rail, hybrid rail, and street car rail. This table does not include other transit rail systems such as cable car, inclined plane, and monorail/automated guideway. 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 Annual National Transit Profiles available at [www.ntdprogram.gov/ntdprogram/data.htm](http://www.ntdprogram.gov/ntdprogram/data.htm). For more information on footnotes, see the National Transit Database Glossary available at [www.ntdprogram.gov/ntdprogram/Glossary.htm](http://www.ntdprogram.gov/ntdprogram/Glossary.htm).

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, table 21 and 23, available at [www.ntdprogram.gov](http://www.ntdprogram.gov) as of July 2014.

**Table 1-10: Public and Private Airports, Heliports, and Seaplane Bases: 2012**

State	Airports	Heliports	Seaplane bases	Total
Alabama	179	87	6	272
Alaska	550	43	139	732
Arizona	188	108	0	296
Arkansas	213	80	0	293
California	522	406	9	937
Colorado	263	179	0	442
Connecticut	51	68	4	123
Delaware	30	9	0	39
District of Columbia	3	13	0	16
Florida	499	284	44	827
Georgia	334	114	2	450
Hawaii	32	16	0	48
Idaho	226	50	5	281
Illinois	468	241	6	715
Indiana	403	126	16	545
Iowa	194	86	0	280
Kansas	330	33	0	363
Kentucky	150	92	0	242
Louisiana	225	210	11	446
Maine	115	19	46	180
Maryland	147	65	4	216
Massachusetts	75	132	15	222
Michigan	352	94	6	452
Minnesota	324	62	56	442
Mississippi	186	43	0	229
Missouri	359	116	3	478
Montana	228	36	2	266
Nebraska	195	34	1	230
Nevada	96	27	0	123
New Hampshire	52	78	8	138
New Jersey	100	205	7	312
New Mexico	135	30	1	166
New York	386	182	17	585
North Carolina	334	103	1	438
North Dakota	256	15	0	271
Ohio	447	209	3	659
Oklahoma	291	86	1	378
Oregon	320	92	2	414
Pennsylvania	418	333	8	759
Rhode Island	9	14	1	24
South Carolina	157	33	2	192
South Dakota	138	31	0	169
Tennessee	207	107	1	315
Texas	1,399	536	0	1,935
Utah	88	54	0	142
Vermont	61	16	6	83
Virginia	284	131	3	418
Washington	362	166	16	544
West Virginia	74	37	10	121
Wisconsin	421	97	16	534
Wyoming	92	25	0	117

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Airport Facilities Data, available at [www.faa.gov/airports/airport\\_safety/airportdata\\_5010](http://www.faa.gov/airports/airport_safety/airportdata_5010) as of May 2014.

**Table 1-11: Top 50 Commercial Service Airport Enplanements by Air Carrier Category: 2012**

(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	45,121,215	12,170	605,863	45,739,248
Chicago, IL: Chicago O'Hare International	2	29,452,088	529,640	2,184,411	32,166,139
Los Angeles, CA: Los Angeles International	3	24,973,340	8,867	6,330,348	31,312,555
Dallas/Fort Worth, TX: Dallas/Fort Worth International	4	27,542,673	74	474,968	28,017,715
Denver, CO: Denver International	5	25,293,565	216,908	287,640	25,798,113
New York, NY: John F. Kennedy International	6	17,065,216	39,803	7,385,417	24,490,436
San Francisco, CA: San Francisco International	7	18,567,209	0	2,735,772	21,302,981
Charlotte, NC: Charlotte Douglas International	8	19,263,401	663,839	103,948	20,031,188
Las Vegas, NV: McCarran International	9	18,454,289	12,310	1,382,707	19,849,306
Phoenix, AZ: Phoenix Sky Harbor International	10	19,213,435	7,311	334,487	19,555,233
Houston, TX: George Bush Intercontinental/Houston	11	18,022,357	131,416	893,595	19,047,368
Miami, FL: Miami International	12	15,314,406	82	3,672,166	18,986,654
Orlando, FL: Orlando International	13	15,577,853	17,006	1,564,943	17,159,802
Newark, NJ: Newark Liberty International	14	14,983,598	384,645	1,685,356	17,053,599
Seattle, WA: Seattle/Tacoma International	15	15,425,715	0	668,640	16,094,355
Minneapolis, MN: Minneapolis-St Paul International	16	15,853,977	32,307	51,231	15,937,515
Detroit, MI: Detroit Metro Wayne County	17	15,318,766	105,031	175,615	15,599,412
Philadelphia, PA: Philadelphia International	18	13,368,834	993,269	225,632	14,587,735
Boston, MA: Logan International	19	12,666,813	190,614	1,434,672	14,292,099
New York, NY: LaGuardia	20	11,920,155	393,395	504,911	12,818,461
Fort Lauderdale, FL: Fort Lauderdale-Hollywood International	21	10,547,755	96,114	800,689	11,444,558
Baltimore, MD: Baltimore/Washington International Thurgood Marsh	22	10,957,156	78,263	89,647	11,125,066
Washington, DC: Washington Dulles International	23	8,712,870	422,798	1,670,550	10,806,218
Salt Lake City, UT: Salt Lake City International	24	9,578,279	0	143	9,578,422
Washington, DC: Ronald Reagan Washington National	25	9,229,966	129,142	102,552	9,461,660
Chicago, IL: Chicago Midway International	26	9,264,284	488	165,773	9,430,545
Honolulu, HI: Honolulu International	27	7,796,281	162,747	1,244,707	9,203,735
San Diego, CA: San Diego International	28	8,477,128	0	207,149	8,684,277
Tampa, FL: Tampa International	29	7,930,972	73,900	210,615	8,215,487
Portland, OR: Portland International	30	7,065,169	11,219	65,414	7,141,802
St. Louis, MO: Lambert-St. Louis International	31	5,903,468	273,740	17,500	6,194,708
Houston, TX: William P Hobby	32	5,040,615	18	67	5,040,700
Oakland, CA: Metropolitan Oakland International	33	4,847,829	2,489	71,184	4,921,502
Kansas City, MO: Kansas City International	34	4,841,868	11,877	10,582	4,864,327
Nashville, TN: Nashville International	35	4,727,109	49,981	18,704	4,795,794
Austin, TX: Austin - Bergstrom International	36	4,602,506	2,596	379	4,605,481
Raleigh/Durham, NC: Raleigh-Durham International	37	4,384,140	74,075	30,204	4,488,419
Santa Ana, CA: John Wayne Airport-Orange County	38	4,300,976	0	79,239	4,380,215
Sacramento, CA: Sacramento International	39	4,325,691	0	31,714	4,357,405
Cleveland, OH: Cleveland-Hopkins International	40	3,793,723	533,391	19,474	4,346,588
New Orleans, LA: Louis Armstrong New Orleans International	41	4,266,987	6,633	19,086	4,292,706
San Juan, PR: Luis Munoz Marin International	42	3,978,589	94,007	130,509	4,203,105
San Jose, CA: Norman Y. Mineta San Jose International	43	4,023,092	3,477	48,128	4,074,697
San Antonio, TX: San Antonio International	44	3,863,237	0	172,770	4,036,007
Dallas, TX: Dallas Love Field	45	3,897,570	2,646	450	3,900,666
Pittsburgh, PA: Pittsburgh International	46	3,706,940	160,205	23,380	3,890,525
Milwaukee, WI: General Mitchell International	47	3,621,726	75,752	9,674	3,707,152
Fort Myers, FL: Southwest Florida International	48	3,493,635	13,551	123,406	3,630,592
Indianapolis, IN: Indianapolis International	49	3,477,082	72,109	16,026	3,565,217
Memphis, TN: Memphis International	50	3,307,586	44,179	7,335	3,359,100
Top 50 Airports, total		567,363,134	6,134,084	38,089,372	611,586,590
United States, total (including U.S. territories)		678,789,178	12,875,445	39,554,168	731,218,791

**NOTES:** Ranked by total enplaned passengers on air carriers of all types, including foreign air carriers. 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. Air carrier enplanements may not add to total enplanements because totals include enplanements for which carrier type is unknown.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, TranStats Database, T-100 Market (All Carriers), available at [www.transtats.bts.gov](http://www.transtats.bts.gov) as of July 2014.

**Table 1-12: Airport Enplanements by State and Air Carrier Category: 2012**

State	Large certificated air carriers	Commuter and small certificated air carriers	Foreign air carriers	Total enplanements
Alabama	2,501,825	2,763	10	2,504,598
Alaska	2,960,318	1,384,757	40,494	4,385,569
Arizona	21,964,634	184,250	334,514	22,483,398
Arkansas	1,770,534	15,919	1	1,786,454
California	77,813,506	36,260	9,708,927	87,558,693
Colorado	27,149,847	243,213	287,654	27,680,714
Connecticut	2,521,709	143,194	18,687	2,683,590
Delaware	1,711	5	0	1,716
District of Columbia <sup>1</sup>	0	0	0	0
Florida	62,819,427	346,972	6,631,617	69,798,016
Georgia	46,308,594	61,065	606,048	46,975,707
Hawaii	13,621,125	475,499	1,430,739	15,527,363
Idaho	1,624,041	42	82	1,624,165
Illinois	39,849,565	607,087	2,350,380	42,807,032
Indiana	4,232,364	78,223	16,047	4,326,634
Iowa	1,560,551	46,331	9	1,606,891
Kansas	818,172	27,302	4	845,478
Kentucky	4,960,201	182,986	12,792	5,155,979
Louisiana	5,503,376	6,907	19,086	5,529,369
Maine	968,151	82,666	5,784	1,056,601
Maryland	10,975,044	148,192	89,778	11,213,014
Massachusetts	12,732,725	493,048	1,434,798	14,660,571
Michigan	17,483,901	225,518	180,241	17,889,660
Minnesota	16,165,411	53,222	51,243	16,269,876
Mississippi	1,102,570	5,653	0	1,108,223
Missouri	11,275,524	317,281	28,159	11,620,964
Montana	1,657,949	38,754	8	1,696,711
Nebraska	2,199,761	43,895	33	2,243,689
Nevada	20,209,355	122,110	1,382,891	21,714,356
New Hampshire	1,167,586	53,525	39	1,221,150
New Jersey	15,637,298	397,557	1,685,815	17,720,670
New Mexico	2,722,197	28,548	0	2,750,745
New York	36,609,646	1,141,467	7,913,167	45,664,280
North Carolina	25,639,439	977,148	134,258	26,750,845
North Dakota	978,737	57,009	18	1,035,764
Ohio	9,009,110	731,915	27,639	9,768,664
Oklahoma	3,128,603	48,866	133	3,177,602
Oregon	8,043,956	20,503	65,504	8,129,963
Pennsylvania	18,218,541	1,604,600	254,632	20,077,773
Rhode Island	1,772,966	52,590	4,148	1,829,704
South Carolina	3,334,067	215,960	3,004	3,553,031
South Dakota	733,040	16,260	0	749,300
Tennessee	9,359,612	137,642	26,048	9,523,302
Texas	67,551,898	138,490	1,546,495	69,236,883
Utah	9,737,230	17,615	143	9,754,988
Vermont	591,448	27,956	1,282	620,686
Virginia	21,727,882	945,356	1,779,631	24,452,869
Washington	17,967,194	53,636	668,956	18,689,786
West Virginia	320,220	95,966	0	416,186
Wisconsin	5,130,706	125,490	9,684	5,265,880
Wyoming	455,226	48,193	4	503,423
United States, total (excl. U.S. territories)	672,588,493	12,309,406	38,750,626	723,648,525
United States, total (incl. U.S. territories)	678,789,178	12,875,445	39,554,168	731,218,791

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

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

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, TranStats Database, T-100 Market (All Carriers), available at [www.transtats.bts.gov](http://www.transtats.bts.gov) as of July 2014.

**Table 1-13: Number of Freight Railroads by Class: 2011**

State	Local					Total
	Class I	Regional	Linehaul	Switching and terminal	Canadian <sup>1</sup>	
Alabama	4	1	15	4	0	24
Alaska	0	1	0	0	0	1
Arizona	2	0	5	3	0	10
Arkansas	3	0	17	5	0	25
California	2	0	15	8	0	25
Colorado	2	3	7	3	0	15
Connecticut	1	3	4	0	0	8
Delaware	2	0	1	3	0	6
District of Columbia	2	0	0	1	0	3
Florida	2	2	9	1	0	14
Georgia	2	0	20	1	0	23
Hawaii	0	0	0	0	0	0
Idaho	2	1	7	2	0	12
Illinois	7	3	13	18	0	41
Indiana	5	1	22	14	0	42
Iowa	5	1	6	3	0	15
Kansas	4	3	5	2	0	14
Kentucky	5	1	7	0	0	13
Louisiana	6	0	8	3	0	17
Maine	0	2	4	1	0	7
Maryland	2	1	4	2	0	9
Massachusetts	1	3	4	3	0	11
Michigan	4	0	14	7	1	26
Minnesota	4	1	9	3	1	18
Mississippi	5	1	17	4	0	27
Missouri	6	0	4	7	0	17
Montana	2	2	4	0	0	8
Nebraska	3	1	4	3	0	11
Nevada	2	0	0	0	0	2
New Hampshire	0	2	7	0	0	9
New Jersey	3	1	7	7	0	18
New Mexico	2	0	2	1	0	5
New York	3	4	22	7	1	37
North Carolina	2	0	13	7	0	22
North Dakota	2	2	4	0	0	8
Ohio	4	1	14	16	0	35
Oklahoma	3	0	12	4	0	19
Oregon	2	1	10	4	0	17
Pennsylvania	4	3	27	21	0	55
Rhode Island	0	1	0	0	0	1
South Carolina	2	0	8	4	0	14
South Dakota	2	1	4	2	0	9
Tennessee	6	0	14	5	0	25
Texas	3	0	22	22	0	47
Utah	2	0	3	3	0	8
Vermont	0	3	5	0	0	8
Virginia	2	0	6	1	0	9
Washington	2	1	14	6	0	23
West Virginia	2	1	5	1	0	9
Wisconsin	4	1	3	0	0	8
Wyoming	3	0	0	1	0	4
United States, total	7	21	343	194	1	566

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

**NOTES:** According to the Association of American Railroads, a Class I railroad in 2011 is a railroad with operating revenues of at least \$433.2 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. States do not sum to totals; totals count railroads that operate in multiple states only once.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends 2002-2011*, available at [www.aar.org/StatisticsAndPublications](http://www.aar.org/StatisticsAndPublications) as of July 2014.



**Table 1-14: Miles of Freight Railroad Operated by Class of Railroad: 2011<sup>1</sup>**

State	Class I	Regional	Local			Total <sup>3</sup>
			Linehaul	Switching and terminal	Canadian <sup>2</sup>	
Alabama	2,282	236	609	128	0	3,255
Alaska	0	506	0	0	0	506
Arizona	1,237	0	259	149	0	1,645
Arkansas	1,677	0	895	126	0	2,698
California	3,923	0	1,027	377	0	5,327
Colorado	2,023	198	368	78	0	2,667
Connecticut	6	210	148	0	0	364
Delaware	183	0	47	20	0	250
District of Columbia	18	0	0	5	0	23
Florida	1,695	431	774	2	0	2,902
Georgia	3,308	0	1,340	18	0	4,666
Hawaii	0	0	0	0	0	0
Idaho	961	33	481	147	0	1,622
Illinois	5,892	148	649	338	0	7,027
Indiana	2,706	304	1,076	187	0	4,273
Iowa	3,175	364	271	45	0	3,855
Kansas	2,816	1,429	367	243	0	4,855
Kentucky	2,071	270	221	0	0	2,562
Louisiana	2,339	0	515	58	0	2,912
Maine	0	621	493	2	0	1,116
Maryland	563	0	172	27	0	762
Massachusetts	239	529	100	24	0	892
Michigan	1,577	0	1,821	233	1	3,632
Minnesota	3,624	3	651	127	44	4,449
Mississippi	1,614	8	695	115	0	2,432
Missouri	3,400	0	419	139	0	3,958
Montana	2,033	865	274	0	0	3,172
Nebraska	2,446	324	462	15	0	3,247
Nevada	1,192	0	0	0	0	1,192
New Hampshire	0	174	170	0	0	344
New Jersey	189	91	176	527	0	983
New Mexico	1,431	0	94	310	0	1,835
New York	1,846	328	1,228	128	2	3,532
North Carolina	2,335	0	696	214	0	3,245
North Dakota	2,180	766	382	0	0	3,328
Ohio	3,241	433	1,265	399	0	5,338
Oklahoma	2,009	0	968	296	0	3,273
Oregon	1,103	321	843	129	0	2,396
Pennsylvania	2,435	772	1,343	577	0	5,127
Rhode Island	0	19	0	0	0	19
South Carolina	1,948	0	247	97	0	2,292
South Dakota	1,495	74	98	87	0	1,754
Tennessee	1,838	0	751	62	0	2,651
Texas	8,359	0	1,206	860	0	10,425
Utah	1,249	0	59	35	0	1,343
Vermont	0	224	366	0	0	590
Virginia	2,772	0	438	4	0	3,214
Washington	1,733	0	1,239	185	0	3,157
West Virginia	1,842	0	365	6	0	2,213
Wisconsin	2,531	674	180	0	0	3,385
Wyoming	1,851	0	0	9	0	1,860
United States, total	95,387	10,355	26,248	6,528	47	138,565

<sup>1</sup>Miles operated under trackage rights provided by another (owning) railroad are excluded. 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. 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 743 miles of track owned by Amtrak.

**NOTES:** According to the Association of American Railroads, a Class I railroad in 2011 is a railroad with operating revenues of at least \$433.2 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 that 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. This table is not comparable to past versions of this table.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends 2002-2011*, available at [www.aar.org/StatisticsAndPublications](http://www.aar.org/StatisticsAndPublications) as of July 2014.

**Table 1-15: Top 50 Water Ports by Tonnage: 2011 and 2012**

Port	2011				2012			
	Rank	Millions of short tons			Rank	Millions of short tons		
		Total	Foreign	Domestic		Total	Foreign	Domestic
South Louisiana, LA, Port of	1	246.5	120.8	125.7	1	252.1	119.3	132.7
Houston, TX	2	237.8	167.1	70.7	2	238.2	162.4	75.7
New York, NY and NJ	3	139.2	89.5	49.7	3	132.0	87.0	45.1
New Orleans, LA	5	77.2	38.2	38.9	4	79.3	36.5	42.9
Beaumont, TX	6	73.7	47.8	25.8	5	78.5	49.7	28.8
Long Beach, CA	4	80.3	67.0	13.2	6	77.4	65.8	11.6
Corpus Christi, TX	7	70.5	52.9	17.6	7	69.0	45.7	23.3
Los Angeles, CA	8	65.0	58.1	6.9	8	61.8	54.9	7.0
Baton Rouge, LA	10	57.9	22.1	35.8	9	60.0	23.3	36.7
Plaquemines, LA, Port of	14	54.1	20.2	33.9	10	58.3	24.6	33.6
Texas City, TX	11	57.8	38.9	18.9	11	56.7	36.0	20.8
Mobile, AL	12	55.6	29.6	25.9	12	54.9	29.8	25.1
Lake Charles, LA	13	54.2	32.9	21.3	13	54.4	31.3	23.1
Huntington - Tristate	9	58.6	0.0	58.6	14	52.9	0.0	52.9
Norfolk Harbor, VA	15	47.4	40.9	6.5	15	46.2	40.5	5.8
Baltimore, MD	16	44.9	36.8	8.1	16	42.1	36.8	5.3
Pittsburgh, PA	21	33.8	0.0	33.8	17	35.2	0.0	35.2
St. Louis, MO and IL	18	36.5	0.0	36.5	18	35.0	0.0	35.0
Duluth-Superior, MN and WI	20	35.1	7.1	28.0	19	34.7	7.8	26.9
Savannah, GA	19	35.5	33.1	2.4	20	34.1	31.9	2.2
Pascagoula, MS	17	36.9	28.0	8.8	21	33.8	24.8	9.0
Tampa, FL	22	31.4	10.5	21.0	22	31.7	10.1	21.6
Port Arthur, TX	24	30.3	20.1	10.2	23	30.6	19.9	10.7
Newport News, VA	28	25.2	21.8	3.4	24	30.5	29.2	1.3
Philadelphia, PA	23	30.6	19.6	11.0	25	28.5	16.5	12.0
Valdez, AK	25	29.8	0.0	29.8	26	27.9	0.0	27.9
Portland, OR	27	25.5	17.5	8.0	27	25.5	17.2	8.3
Tacoma, WA	30	24.2	18.1	6.0	28	24.9	19.0	5.9
Seattle, WA	26	26.6	21.7	4.9	29	23.7	18.4	5.3
Richmond, CA	29	24.3	13.8	10.5	30	22.6	12.7	9.9
Freeport, TX	31	23.3	18.6	4.7	31	22.1	16.5	5.6
Port Everglades, FL	32	21.0	10.4	10.6	32	21.1	11.1	10.0
Charleston, SC	37	17.9	15.5	2.4	33	19.1	17.0	2.1
Oakland, CA	35	18.5	15.8	2.7	34	18.7	16.4	2.3
Paulsboro, NJ	38	17.6	11.9	5.7	35	17.4	11.5	5.8
Chicago, IL	33	20.4	3.5	16.8	36	17.1	1.5	15.6
Boston, MA	36	18.4	12.4	6.0	37	16.3	11.6	4.7
Two Harbors, MN	40	15.6	0.2	15.5	38	16.2	0.8	15.4
Jacksonville, FL	39	16.8	10.0	6.8	39	15.4	9.2	6.2
Honolulu, HI	44	12.7	1.1	11.6	40	14.3	1.0	13.4
Memphis, TN	45	12.6	0.0	12.6	41	13.6	0.0	13.6
Indiana Harbor, IN	47	12.0	0.3	11.6	42	13.2	0.3	12.9
Detroit, MI	42	13.7	2.7	11.0	43	12.9	2.6	10.3
Portland, ME	43	13.2	11.8	1.4	44	12.8	11.8	1.0
Longview, WA	64	6.9	5.8	1.1	45	12.2	10.5	1.7
Anacortes, WA	48	12.0	4.8	7.2	46	11.7	3.9	7.8
Galveston, TX	41	13.7	7.3	6.5	47	11.6	4.8	6.9
Matagorda Port Lv Pt Com, TX	56	9.3	7.1	2.2	48	11.6	8.2	3.4
Kalama, WA	46	12.2	11.4	0.8	49	11.5	10.5	1.1
Cleveland, OH	50	11.6	1.4	10.2	50	11.3	1.4	9.9
United States, total water ports		2,494.9	1,351.6	1,143.2		2,465.3	1,317.9	1,147.5

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

**SOURCE:** U.S. Army Corps of Engineers, Navigation Data Center, Waterborne Commerce Statistics Center, Principal Ports of the United States, available at [www.navigationdatacenter.us/data/datappor.htm](http://www.navigationdatacenter.us/data/datappor.htm) as of July 2014.

**Table 1-16: Inland Waterway Mileage: 2012**  
(Includes only the 39 states and the District of Columbia with inland waterways)

State	Miles <sup>1</sup>
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<sup>2</sup></b>	<b>25,000</b>

<sup>1</sup>Mileages are rounded to the nearest 10 miles.

<sup>2</sup>States do not add to total due to waterways on state boundaries.

**NOTES:** The waterway mileages were determined by the following methodology: Length of channels included were those channels (Corps projects and nonprojects) with a controlling draft of 9 feet or greater, and had commercial cargo traffic reported for CY98 of CY99, and 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, major sounds and straits in southeastern Alaska). Channels in the Great Lakes are not included, but waterways connecting lakes and the St. Lawrence Seaway inside the United States are included.

**SOURCE:** U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, National Waterway Network, personal communication as of June 2014.

# Chapter 2

## Safety





**Table 2-1: Highway Traffic Fatalities and Fatality Rates: 2012**

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	865	3,828	4,712	64,959	4,822	17.9
Alaska	59	526	743	4,792	731	8.1
Arizona	825	4,698	5,014	60,129	6,553	12.6
Arkansas <sup>1</sup>	552	2,199	2,404	33,522	2,949	18.7
California	2,857	24,201	26,915	326,272	38,041	7.5
Colorado	472	3,808	4,378	46,769	5,188	9.1
Connecticut	236	2,486	2,623	31,269	3,590	6.6
Delaware	114	720	913	9,186	917	12.4
District of Columbia	15	401	318	3,572	632	2.4
Florida	2,424	13,897	15,047	191,374	19,318	12.5
Georgia <sup>1</sup>	1,192	6,582	7,446	107,488	9,920	12.0
Hawaii	126	915	1,196	10,050	1,392	9.0
Idaho	184	1,093	1,580	16,315	1,596	11.5
Illinois <sup>1</sup>	956	8,236	9,767	104,578	12,875	7.4
Indiana	779	5,376	5,781	78,923	6,537	11.9
Iowa <sup>1</sup>	365	2,217	3,331	31,596	3,074	11.9
Kansas	405	2,018	2,368	30,572	2,886	14.0
Kentucky <sup>1</sup>	746	2,985	3,570	47,344	4,380	17.0
Louisiana <sup>1</sup>	722	2,924	3,821	46,889	4,602	15.7
Maine <sup>1</sup>	164	1,008	1,127	14,199	1,329	12.3
Maryland	505	4,102	3,861	56,476	5,885	8.6
Massachusetts <sup>2</sup>	349	4,734	4,826	55,940	6,646	5.3
Michigan	938	7,019	7,532	94,548	9,883	9.5
Minnesota <sup>1</sup>	395	3,322	4,857	56,988	5,379	7.3
Mississippi <sup>1</sup>	582	1,958	2,024	38,667	2,985	19.5
Missouri	826	4,288	5,509	68,504	6,022	13.7
Montana	205	758	1,330	11,885	1,005	20.4
Nebraska	212	1,364	1,836	19,277	1,856	11.4
Nevada <sup>1</sup>	258	1,728	2,061	24,148	2,759	9.4
New Hampshire <sup>3,4</sup>	108	1,065	1,223	12,894	1,321	8.2
New Jersey	589	6,040	7,579	74,225	8,865	6.6
New Mexico	365	1,430	1,739	25,562	2,086	17.5
New York <sup>3,4</sup>	1,168	11,249	10,103	128,221	19,570	6.0
North Carolina <sup>5</sup>	1,292	6,678	7,593	104,950	9,752	13.2
North Dakota	170	503	776	10,081	700	24.3
Ohio	1,123	8,006	9,777	112,715	11,544	9.7
Oklahoma <sup>1</sup>	708	2,400	3,312	47,872	3,815	18.6
Oregon	336	2,770	3,441	33,173	3,899	8.6
Pennsylvania	1,310	8,843	10,052	98,884	12,764	10.3
Rhode Island <sup>2</sup>	64	750	821	7,807	1,050	6.1
South Carolina	863	3,456	3,785	49,036	4,724	18.3
South Dakota <sup>1</sup>	133	607	930	9,113	833	16.0
Tennessee <sup>1</sup>	1,014	4,574	5,225	71,167	6,456	15.7
Texas <sup>1</sup>	3,398	15,252	19,790	237,836	26,059	13.0
Utah	217	1,789	1,919	26,528	2,855	7.6
Vermont	77	530	576	7,216	626	12.3
Virginia	777	5,538	6,917	80,959	8,186	9.5
Washington <sup>1</sup>	444	5,228	5,633	56,762	6,897	6.4
West Virginia	339	1,242	1,401	19,226	1,855	18.3
Wisconsin <sup>1</sup>	615	4,057	4,934	59,087	5,726	10.7
Wyoming <sup>1</sup>	123	422	768	9,271	576	21.3
United States, total	33,561	211,815	245,184	2,968,815	313,914	10.7

<sup>1</sup>State did not report active registrations and registers vehicles annually. Annual transaction data shown.

<sup>2</sup>State did not report active registrations and offers multi-year registrations. Data estimated from current and previously published data.

<sup>3</sup>State did not provide current data, licensed drivers estimated by FHWA.

<sup>4</sup>State did not report current year data. Previous year data used for private vehicles.

<sup>5</sup>State data estimated from North Carolina Department of Transportation published data and other data sources.

**SOURCES:** Fatalities: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www-fars.nhtsa.dot.gov](http://www-fars.nhtsa.dot.gov) as of June 2014. Drivers, vehicles, and VMT: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, DL-22, MV-1, and VM-2, available at [www.fhwa.dot.gov/policyinformation/statistics](http://www.fhwa.dot.gov/policyinformation/statistics). cfm as of June 2014. Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014.

**Table 2-2: Passenger Car and Light-Truck Occupants Killed and Restraint Use: 2012**

State	Restraint used		No restraint used		Restraint use unknown		Total occupants
	Fatalities	Percent	Fatalities	Percent	Fatalities	Percent	
Alabama	255	39.4	354	54.6	39	6.0	648
Alaska	17	43.6	19	48.7	3	7.7	39
Arizona	165	35.0	252	53.5	54	11.5	471
Arkansas	149	37.4	226	56.8	23	5.8	398
California	991	62.9	487	30.9	98	6.2	1,576
Colorado	124	43.2	156	54.4	7	2.4	287
Connecticut	65	42.5	53	34.6	35	22.9	153
Delaware	29	47.5	25	41.0	7	11.5	61
District of Columbia	0	0.0	4	100.0	0	0.0	4
Florida	607	48.4	575	45.8	73	5.8	1,255
Georgia	394	47.5	368	44.4	67	8.1	829
Hawaii	16	29.1	31	56.4	8	14.5	55
Idaho	59	43.7	72	53.3	4	3.0	135
Illinois	286	47.0	279	45.9	43	7.1	608
Indiana	247	47.9	214	41.5	55	10.7	516
Iowa	119	46.5	112	43.8	25	9.8	256
Kansas	117	39.7	163	55.3	15	5.1	295
Kentucky	231	42.7	309	57.1	1	0.2	541
Louisiana	191	41.4	240	52.1	30	6.5	461
Maine	49	39.5	75	60.5	0	0.0	124
Maryland	173	54.9	110	34.9	32	10.2	315
Massachusetts	66	32.7	98	48.5	38	18.8	202
Michigan	320	51.4	224	36.0	78	12.5	622
Minnesota	129	47.8	101	37.4	40	14.8	270
Mississippi	167	36.1	293	63.3	3	0.6	463
Missouri	155	25.8	394	65.7	51	8.5	600
Montana	42	26.8	113	72.0	2	1.3	157
Nebraska	43	26.7	102	63.4	16	9.9	161
Nevada	75	51.0	63	42.9	9	6.1	147
New Hampshire	20	28.6	50	71.4	0	0.0	70
New Jersey	153	48.6	150	47.6	12	3.8	315
New Mexico	97	44.3	106	48.4	16	7.3	219
New York	362	58.1	204	32.7	57	9.1	623
North Carolina	419	50.7	351	42.4	57	6.9	827
North Dakota	40	30.5	89	67.9	2	1.5	131
Ohio	298	37.7	416	52.7	76	9.6	790
Oklahoma	198	39.0	282	55.5	28	5.5	508
Oregon	116	58.6	61	30.8	21	10.6	198
Pennsylvania	257	29.3	498	56.8	121	13.8	876
Rhode Island	27	55.1	19	38.8	3	6.1	49
South Carolina	218	38.4	313	55.1	37	6.5	568
South Dakota	30	30.6	60	61.2	8	8.2	98
Tennessee	307	40.4	398	52.4	55	7.2	760
Texas	1,097	49.3	927	41.7	200	9.0	2,224
Utah	55	37.9	77	53.1	13	9.0	145
Vermont	17	32.7	34	65.4	1	1.9	52
Virginia	248	45.2	298	54.3	3	0.5	549
Washington	146	55.5	102	38.8	15	5.7	263
West Virginia	75	31.0	137	56.6	30	12.4	242
Wisconsin	177	42.4	201	48.2	39	9.4	417
Wyoming	41	43.6	50	53.2	3	3.2	94
United States, total	9,679	44.7	10,335	47.4	1,653	7.6	21,667

**NOTES:** Fatalities in this table include passenger car and light-truck occupants only. Occupants of other vehicle types—heavy trucks, motorcycles, and buses—are excluded, as are other types of highway-related fatalities such as pedestrian fatalities. Hence, the fatalities represented here are lower than those in table 2-1. Percentages may not add to totals due to rounding.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www-fars.nhtsa.dot.gov](http://www-fars.nhtsa.dot.gov) as of June 2014.

**Table 2-3: Large Truck Involvement in Fatal Crashes: 2012**

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	779	1,223	17	2.2	111	9.1
Alaska	49	83	0	0.0	4	4.8
Arizona	675	1,109	11	1.6	73	6.6
Arkansas	501	738	16	3.2	85	11.5
California	2,070	3,848	39	1.9	244	6.3
Colorado	381	635	14	3.7	51	8.0
Connecticut	194	336	1	0.5	14	4.2
Delaware	81	146	3	3.7	10	6.8
District of Columbia	8	21	0	0.0	1	4.8
Florida	1,808	3,428	29	1.6	194	5.7
Georgia	1,004	1,688	24	2.4	149	8.8
Hawaii	97	176	0	0.0	6	3.4
Idaho	167	244	2	1.2	17	7.0
Illinois	786	1,324	10	1.3	115	8.7
Indiana	695	1,112	19	2.7	115	10.3
Iowa	341	492	12	3.5	65	13.2
Kansas	369	534	22	6.0	59	11.0
Kentucky	686	1,029	17	2.5	88	8.6
Louisiana	574	952	22	3.8	102	10.7
Maine	154	215	1	0.6	10	4.7
Maryland	403	704	7	1.7	56	8.0
Massachusetts	260	451	0	0.0	14	3.1
Michigan	784	1,335	10	1.3	69	5.2
Minnesota	348	542	8	2.3	54	10.0
Mississippi	527	684	12	2.3	44	6.4
Missouri	733	1,106	18	2.5	89	8.0
Montana	196	250	4	2.0	11	4.4
Nebraska	197	285	8	4.1	42	14.7
Nevada	197	355	7	3.6	20	5.6
New Hampshire	99	147	0	0.0	6	4.1
New Jersey	411	819	13	3.2	61	7.4
New Mexico	297	472	9	3.0	39	8.3
New York	818	1,576	10	1.2	97	6.2
North Carolina	1,066	1,747	25	2.3	132	7.6
North Dakota	160	218	9	5.6	44	20.2
Ohio	986	1,578	16	1.6	146	9.3
Oklahoma	635	943	33	5.2	124	13.1
Oregon	267	426	2	0.7	28	6.6
Pennsylvania	1,125	1,808	19	1.7	175	9.7
Rhode Island	57	88	0	0.0	3	3.4
South Carolina	726	1,163	8	1.1	79	6.8
South Dakota	131	175	1	0.8	16	9.1
Tennessee	937	1,379	21	2.2	107	7.8
Texas	2,839	4,607	135	4.8	543	11.8
Utah	183	295	2	1.1	17	5.8
Vermont	67	97	2	3.0	6	6.2
Virginia	666	1,031	27	4.1	89	8.6
Washington	355	602	8	2.3	44	7.3
West Virginia	307	451	5	1.6	47	10.4
Wisconsin	556	809	11	2.0	60	7.4
Wyoming	117	161	8	6.8	27	16.8
United States, total	27,869	45,637	697	2.5	3,802	8.3

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www.fars.nhtsa.dot.gov](http://www.fars.nhtsa.dot.gov) as of June 2014.



**Table 2-4: Key Provisions of Safety Belt Use Laws: 2011**

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine <sup>3</sup>	Seat belt required		Exemptions
				Seats <sup>4</sup>	Ages <sup>5</sup>	
Alabama	7/18/1991	Primary	Not more than \$25	Front	All	Medical reasons, model year <1965, rural mail carriers/newspaper delivery vehicles, vehicles operating in reverse.
Alaska	9/12/1990	Primary	Not more than \$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	Not more than \$10	All	5-15 years	Designed for >10 passengers, model year <1972, rural mail carriers, medical reasons.
Arkansas	7/15/1991	Primary	Not more than \$25	Front	5 years and older	
California	1/1/1986	Primary	Not more than \$20	All	All	Model year < 1972. 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.
Colorado	7/1/1987	Secondary	\$65	Front	All	Medical reasons, emergency vehicles, rural postal service vehicles, newspaper delivery vehicles, recycling vehicles, taxis.
Connecticut	1/1/1986	Primary	\$50 <sup>6</sup>	Front	All	Ambulance crew, peace officer, medical reasons, passenger buses, school buses, postal service vehicles, delivery and pickup service vehicles.
Delaware	1/1/1992	Primary	\$25	Front	All	Medical reasons, emergency vehicles other than fire-fighting apparatus, postal service vehicles, newspaper delivery vehicles.
District of Columbia	12/12/1985	Primary	\$50	All	16 years and older	Medical reasons, postal service vehicles, tractors, off-highway vehicles, electric personal assistive mobility devices.
Florida	7/1/1986	Primary	\$30	All	16 years and older	Vehicles manufactured before July 1, 1966; medical reasons; all seat belts occupied; seating for >8 people, taxis (6pm-6am).
				Front	6-17 years	
Georgia	9/1/1988	Primary	Not more than \$15	All	6 years and older	Medical reasons; newspaper delivery vehicles; solid waste/recyclable collection service vehicles working designated routes; persons traveling in the living quarters of a recreational vehicle or a space within a truck body primarily intended for merchandise or property; school buses; buses that transport for compensation; farm tractors or implements of husbandry; trucks >26,000 lb.
				Front	18 years and older	Pickups, vehicles designed for >10 passengers, off-road vehicles, vehicles used for frequent stops (all seats), rural postal vehicles, newspaper delivery vehicles, emergency vehicles, driver in reverse, taxis, public transit vehicles.
Hawaii	12/16/1985	Primary	\$45	All	8-17 years	Bus or school bus >10,000 lb, emergency vehicles, taxicabs. DOT may establish additional exemptions.
				Front	15 years and older	
Idaho	7/1/1986	Secondary	\$10	All	7 years and older	Vehicles >8,000 lb, mail carriers, implements of husbandry, motorcycles.
Illinois	1/1/1988	Primary	Not more than \$25	All	18 years and under if driver is under 19 years	Motorcycles, vehicles that stop frequently for medical reasons, rural letter carriers, model year <1965.
				Front	16 years and older	
Indiana	7/1/1987	Primary	Not more than \$25	All	All	Medical reasons, vehicles that stop frequently, farm vehicles, RVs, postal vehicles, non-drivers in parades, public utility vehicles, towing recovery vehicles, occupant other than operator of vehicle used by a public utility in an emergency.
Iowa	7/1/1986	Primary	\$50	All	17 years and under	Delivery vehicles that do not exceed 25 mph between stops, bus passengers, medical reasons, model year <1965, emergency vehicles, motorcycles, rural letter carriers.
				Front	18 years and older	
Kansas	7/1/1986	Primary <sup>7</sup>	\$10 <sup>8</sup>	All	14-17 years	Designed for >10 people, truck >12,000 lb, off-road vehicles, postal vehicles, vehicles delivering newspapers.
				Front	18 years and older	
Kentucky	7/15/1994	Primary	Not more than \$25	All	All	Designed for >10 people, farm trucks registered for agricultural use only and with gross weight 2,000 lb or greater, motorcycles.
Louisiana	7/1/1986	Primary	\$25 <sup>9</sup>	All	13 years and older	Vehicles with gross weight >10,000 lb, utility vehicles traveling <20 mph, model year <1981, postal vehicles, farm vehicles, persons delivering newspapers.
Maine	12/26/1995	Primary	\$50	All	All	Medical reasons, rural mail carriers, persons delivering newspapers, postal vehicles, passengers riding in taxi or limousine for hire.
Maryland	7/1/1986	Primary	Not more than \$25	All	15 years and under	"Historical" vehicles, for-hire vehicles, motorcycles, trucks, buses, vehicles delivering mail, vehicles built before June 1, 1964.
				Front	16 years and older	
Massachusetts	2/1/1994	Secondary	\$25 <sup>10</sup>	All	All	Buses, trucks 18,000 lb or more, taxis, utility vehicles, model year <1966, postal vehicles, farm vehicles, authorized emergency vehicles, side-facing seat in car owned for antique collecting.

**Table 2-4: Key Provisions of Safety Belt Use Laws: 2011 (continued)**

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine <sup>3</sup>	Seat belt required		Exemptions
				Seats <sup>4</sup>	Ages <sup>5</sup>	
Michigan	7/1/1985	Primary	\$25	Front	All	Medical reasons, taxis, buses, school buses, postal service vehicles, model year <1965, commercial vehicles making frequent stops.
Minnesota	8/1/1986	Primary	\$25	All	All	Farm pickup trucks, postal vehicles, commercial vehicles making frequent stops and going <25 mph between stops, vehicles driving in reverse, persons riding in a vehicle in which all the seating positions equipped with seat belts are occupied by other persons in seat belts, model year <1965, medical reasons.
Mississippi	7/1/1994	Primary	\$25	Front	All	Vehicles driving in reverse, farm vehicles, medical reasons, buses, postal vehicles, utility meter readers' vehicles, all-terrain vehicles, vehicles designed to carry >15 persons, trailers.
Missouri	9/28/1985	Secondary (primary for <16 years old)	Not more than \$10 <sup>11</sup>	Front	All	Vehicles designed for >10 people, trucks >12,000 lb, postal service vehicles, vehicles requiring frequent entry or exit, agricultural vehicles.
Montana	10/1/1987	Secondary	\$20	All	All	Medical reasons, motorcycles, taxis, vehicles making frequent stops, occupants of motor vehicle in which all seat belts are being used by other occupants.
Nebraska	1/1/1993	Secondary	\$25	All	16 years and under	Taxis, mopeds, motorcycles, emergency vehicles, model year <1973, parade vehicles.
Nevada	7/1/1987	Secondary	Not more than \$25	Front All	18 years and older All	Medical reasons, public transportation vehicles, postal service vehicles, emergency vehicles, delivery vehicles not exceeding 15 mph. Any vehicle or seating position if the State determines compliance is impractical.
New Hampshire	n/a	No law for persons 18 years or older (primary for <18 years old)	\$50 for persons <18 years old	All	17 years and younger	n/a
New Jersey	3/1/1985	Primary (secondary for rear seat occupants)	\$20	All	All	Vehicles manufactured before 1966, medical reasons, rural letter carriers, fewer belts than seats.
New Mexico	1/1/1986	Primary	\$25	All	All	Vehicles >10,000 lb, medical reasons, rural letter carriers.
New York	12/1/1984	Primary	Not more than \$50	All	15 years and under	Buses, school buses, taxis, liveries, emergency, rural letter carriers.
North Carolina	10/1/1985	Primary (secondary for rear seat occupants)	\$25.50 (\$10 for rear)	Front All	All All	Medical reasons, farm vehicles, postal vehicles, designated commercial vehicles, delivery vehicles traveling <20 mph, trash/recycling trucks.
North Dakota	7/14/1994	Secondary	Not more than \$20	All Front	17 years and under All	Designed for >10 people, farm vehicles, rural mail carriers, medical reasons, all front seat belts in use by other occupants.
Ohio	5/6/1986	Secondary	\$30 driver \$20 passenger	All Front	8-14 years 15 years and older	Postal service vehicles, medical reasons, vehicles delivering newspapers.
Oklahoma	2/1/1987	Primary	Not more than \$20	All Front	All 12 years and older	Farm vehicles, RVs, motorcycles, motorized bicycles, postal service vehicles, school buses, taxicabs, emergency vehicles.
Oregon	12/7/1990	Primary	Not more than \$250	All	All	Vehicles in interstate commerce, 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 Front	8-17 years 18 years and older	Vehicles manufactured before 1966, medical reasons, trucks >7,000 lb, rural letter carriers, delivery vehicles, vehicles traveling <15 mph.
Rhode Island	6/18/1991	Primary <sup>12</sup>	\$85	All	All	Vehicles manufactured before 1966, medical reasons, postal service vehicles.
South Carolina	7/1/1989	Primary	Not more than \$25	All	All	Medical reasons, emergency vehicles, postal service vehicles, delivery vehicles, parade vehicles; school, church, or day care buses; vehicles except taxis, 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	\$25	All Front	17 years and under 18 years and older	Motorcycles, motorized bicycles, vehicles manufactured before 1973, medical reasons, passenger buses, school buses, farm vehicles, rural mail carriers, newspaper or periodical delivery vehicles.
Tennessee	4/21/1986	Primary	Not more than \$50 <sup>13</sup>	All	All	Vehicles >8,500 lb, rural letter carriers, utility workers, newspaper delivery vehicles, automobile salespersons who drive <50 miles per day on average, parade vehicles, hayrides crossing a highway from one field to another if operated at <15 mph.
Texas	9/1/1985	Primary	\$50	All	All	Farm vehicles <48,000 lb, postal service vehicles, newspaper delivery, meter readers.

**Table 2-4: Key Provisions of Safety Belt Use Laws: 2011 (continued)**

State	Effective <sup>1</sup>	Enforcement <sup>2</sup>	Base fine <sup>3</sup>	Seat belt required		Exemptions
				Seats <sup>4</sup>	Ages <sup>5</sup>	
Utah	4/28/1986	Secondary (primary for drivers and occupants 18 years and younger)	Not more than \$45	All	All	Vehicles manufactured before 1966, medical reasons, all seats occupied or person is riding in a seating position not equipped with seat belts.
Vermont	1/1/1994	Secondary (primary for drivers and occupants 17 years and younger)	\$25	All	All	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 (primary for passengers 17 years and younger in all seats)	\$25	All Front	17 years and under 18 years and older	Medical reasons, trucks >10,000 lb, school buses, motor homes, taxis, police vehicles enforcing parking or transporting prisoners, law enforcement officers when seat belts are impractical, rural mail carriers, newspaper delivery vehicles, utility meter readers, commercial vehicles making frequent stops.
Washington	6/11/1986	Primary	\$124	All	All	Medical reasons, 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	Not more than \$25	All Front	8-17 years All	Motorcycles, vehicles designed for >10 people, vehicles manufactured before 1967, medical reasons, 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.
Wisconsin	12/1/1987	Primary	\$10	All	All	Emergency vehicles in which compliance could endanger passengers; taxis, farm trucks engaged in farming, rural mail carriers, land surveyors.
Wyoming	6/8/1989	Secondary	Not more than \$25 <sup>14</sup>	All	All	Medical reasons, postal vehicles; excess passengers exempted if all seats occupied.

<sup>1</sup>Effective date of first belt law in the state.

<sup>2</sup>Primary enforcement enables police officers to stop vehicles and write citations whenever they observe a violation of the seat belt law. Secondary enforcement allows police officers to write a citation for seat belt infractions only after stopping a vehicle for some other traffic infraction.

<sup>3</sup>Additional processing and surcharge fees are likely to apply.

<sup>4</sup>The word "All" used in this category means everyone must be restrained. For children, that may be in a CR

<sup>5</sup>May include rear-facing CRs, forward-facing CRs, and booster seats.

<sup>6</sup>If a driver under 18 years old commits a violation, he/she is subject to a higher fine of \$75.

<sup>7</sup>Secondary enforcement for other seating positions.

<sup>8</sup>The fine is \$60 for violators 14-17 years old.

<sup>9</sup>Louisiana HB 197 was signed by the Governor on May 29, 2012, to expand the seat belt requirement for all seating positions to include SUVs.

<sup>10</sup>Drivers in Massachusetts may be fined \$25 for violating the belt law themselves and \$25 for each unrestrained passenger 12-16 years old.

<sup>11</sup>The fine is \$50 for violators 8-15 years old.

<sup>12</sup>Rhode Island's primary seat belt law includes a sunset provision that will revert the law to secondary enforcement on June 30, 2013.

<sup>13</sup>In lieu of a court appearance, a first offender may pay a fine of \$10; for a second or subsequent offense, the fine is \$20.

<sup>14</sup>Not less than \$10 for passenger nor more than \$25 for driver.

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

**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 [iihs.org/laws/SafetyBeltUse.aspx](http://iihs.org/laws/SafetyBeltUse.aspx). For more information on child restraint laws, see *Traffic Safety Facts Annual Report*, available at [www-nrd.nhtsa.dot.gov/Cats](http://www-nrd.nhtsa.dot.gov/Cats).

**SOURCES:** Effective Dates: Insurance Institute for Highway Safety, Highway Loss Data Institute, Safety Belt Use Laws, available at [www.iihs.org/iihs/topics/t/safety-belts/topicoverview](http://www.iihs.org/iihs/topics/t/safety-belts/topicoverview) as of June 2014. Enforcement, Base fine, Seat belt required and Exemptions: U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Facts 2011*, table 126, available at [www-nrd.nhtsa.dot.gov/Cats](http://www-nrd.nhtsa.dot.gov/Cats) as of June 2014.

**Table 2-5: Helmet Use Laws: 2014**

State	Motorcycle riders covered by helmet law	Bicycle riders covered by helmet law
Alabama	all riders	15 and younger
Alaska	17 and younger <sup>1</sup>	no law
Arizona	17 and younger	no law
Arkansas	20 and younger	no law
California	all riders	17 and younger
Colorado	17 and younger and passengers 17 and younger	no law
Connecticut	17 and younger	15 and younger
Delaware	18 and younger <sup>2</sup>	17 and younger
District of Columbia	all riders	15 and younger
Florida	20 and younger <sup>3</sup>	15 and younger
Georgia	all riders	15 and younger
Hawaii	17 and younger	15 and younger
Idaho	17 and younger	no law
Illinois	no law	no law
Indiana	17 and younger	no law
Iowa	no law	no law
Kansas	17 and younger	no law
Kentucky	20 and younger <sup>4</sup>	no law
Louisiana	all riders	11 and younger
Maine	17 and younger <sup>5</sup>	15 and younger
Maryland	all riders	15 and younger
Massachusetts	all riders	1-16 (riding with children younger than 1 prohibited)
Michigan	20 and younger <sup>6</sup>	no law
Minnesota	17 and younger <sup>7</sup>	no law
Mississippi	all riders	no law
Missouri	all riders	no law
Montana	17 and younger	no law
Nebraska	all riders	no law
Nevada	all riders	no law
New Hampshire	no law	15 and younger
New Jersey	all riders	16 and younger
New Mexico	17 and younger	17 and younger
New York	all riders	1-13 (riding with children younger than 1 prohibited)
North Carolina	all riders	15 and younger
North Dakota	17 and younger <sup>8</sup>	no law
Ohio	17 and younger <sup>9</sup>	no law
Oklahoma	17 and younger	no law
Oregon	all riders	15 and younger
Pennsylvania	20 and younger <sup>10</sup>	11 and younger
Rhode Island	20 and younger <sup>11</sup>	15 and younger
South Carolina	20 and younger	no law
South Dakota	17 and younger	no law
Tennessee	all riders	15 and younger
Texas	20 and younger <sup>12</sup>	no law
Utah	17 and younger	no law
Vermont	all riders	no law
Virginia	all riders	no law
Washington	all riders	no law
West Virginia	all riders	14 and younger
Wisconsin	17 and younger <sup>13</sup>	no law
Wyoming	17 and younger	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 Delaware, every motorcycle operator or rider age 19 and older must carry an approved helmet.

<sup>3</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>4</sup>In Kentucky, the law requires that all riders younger than 21 years wear helmets, without exception. Those 21 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>5</sup>Motorcycle helmet laws in Maine cover operators with instructional/learner's permits and operators in their first year of licensure. Maine's motorcycle helmet use law also covers passengers 17 and younger and passengers riding with operators who are required to wear a helmet.

<sup>6</sup>In Michigan, the law requires that all riders younger than 21 wear helmets, without exception. Those 21 and older may ride without helmets only if they carry additional insurance and have passed a motorcycle safety course or have had their motorcycle endorsement for at least two years. Motorcycle passengers who want to exercise this option also must be 21 or older and carry additional insurance.

<sup>7</sup>Motorcycle helmet laws in Minnesota cover operators with instructional/learner's permits.

<sup>8</sup>North Dakota's motorcycle helmet use law covers all passengers traveling with operators who are covered by the law.

<sup>9</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>10</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>11</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>12</sup>Texas exempts riders 21 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. A peace officer may not stop or detain a person who is the operator of or a passenger on a motorcycle for the sole purpose of determining whether the person has successfully completed the motorcycle operator training and safety course or is covered by a health insurance plan.

<sup>13</sup>Motorcycle helmet laws in Wisconsin cover operators with instructional/learner's permits.

**SOURCE:** Insurance Institute for Highway Safety, Highway Loss Data Institute, Motorcycle and bicycle helmet use laws, available at [www.iihs.org/iihs/topics#statelaws](http://www.iihs.org/iihs/topics#statelaws) as of June 2014.

**Table 2-6: Safety Belt Use: 2000, 2005, 2010–2012**  
(Percentage of drivers and passengers in the front right seat using safety belts)

State	2000	2005	2010	2011	2012
Alabama	70.6	81.8	91.4	88.0	89.5
Alaska	61.0	78.4	86.8	89.3	88.1
Arizona	75.2	94.2	81.8	82.9	82.2
Arkansas	52.4	68.3	78.3	78.4	71.9
California	88.9	92.5	96.2	96.6	95.5
Colorado	65.1	79.2	82.9	82.1	80.7
Connecticut	76.3	81.6	88.2	88.4	86.8
Delaware	66.1	83.8	90.7	90.3	87.9
District of Columbia	82.6	88.8	92.3	95.2	92.4
Florida	64.8	73.9	87.4	88.1	87.4
Georgia	73.6	89.9	89.6	93.0	92.0
Hawaii	80.4	95.3	97.6	96.0	93.4
Idaho	58.6	76.0	77.9	79.1	79.0
Illinois	70.2	86.0	92.6	92.9	93.6
Indiana	62.1	81.2	92.4	93.2	93.6
Iowa	78.0	87.1	93.1	93.5	92.4
Kansas	61.6	69.0	81.8	82.9	79.5
Kentucky	60.0	66.7	80.3	82.2	83.7
Louisiana	68.2	77.7	75.9	77.7	79.3
Maine	U	75.8	82.0	81.6	84.4
Maryland	85.0	91.1	94.7	94.2	91.1
Massachusetts	50.0	64.8	73.7	73.2	72.7
Michigan	83.5	92.9	95.2	94.5	93.6
Minnesota	73.4	83.9	92.3	92.7	93.6
Mississippi	50.4	60.8	81.0	81.9	83.2
Missouri	67.7	77.4	76.0	79.0	79.4
Montana	75.6	80.0	78.9	76.9	76.3
Nebraska	70.5	79.2	84.1	84.2	78.6
Nevada	78.5	94.8	93.2	94.1	90.5
New Hampshire	U	U	72.2	75.0	68.6
New Jersey	74.2	86.0	93.7	94.5	88.3
New Mexico	86.6	89.5	89.8	90.5	91.4
New York	77.3	85.0	89.8	90.5	90.4
North Carolina	80.5	86.7	89.7	89.5	87.5
North Dakota	47.7	76.3	74.8	76.7	80.9
Ohio	65.3	78.7	83.8	84.1	82.0
Oklahoma	67.5	83.1	85.9	85.9	83.8
Oregon	83.6	93.3	97.0	96.6	96.8
Pennsylvania	70.7	83.3	86.0	83.8	83.5
Rhode Island	64.4	74.7	78.0	80.4	77.5
South Carolina	73.9	69.7	85.4	86.0	90.5
South Dakota	53.4	68.8	74.5	73.4	66.5
Tennessee	59.0	74.4	87.1	87.4	83.7
Texas	76.6	89.9	93.8	93.7	94.0
Utah	75.7	86.9	89.0	89.2	81.9
Vermont	61.6	84.7	85.2	84.7	84.2
Virginia	69.9	80.4	80.5	81.8	78.4
Washington	81.6	95.2	97.6	97.5	96.9
West Virginia	49.8	84.9	82.1	84.9	84.0
Wisconsin	65.4	73.3	79.2	79.0	79.9
Wyoming	66.8	U	78.9	82.6	77.0
Nationwide	71.0	82.0	85.0	84.0	86.0

KEY: U = unavailable

SOURCE: U.S. Department of Transportation, National Highway Traffic Safety Administration, Seat Belt Use in 2012—Use Rates in the States and Territories, available at [www-nrd.nhtsa.dot.gov/Cats](http://www-nrd.nhtsa.dot.gov/Cats) as of June 2014.

**Table 2-7: Pedestrian Fatalities Involving Motor Vehicles: 2012**

State	Total traffic fatalities	Pedestrians killed	Pedestrian fatalities as percent of total	Population (thousands)	Pedestrian fatality rate per 100,000 population
Alabama	865	77	8.9	4,822	1.6
Alaska	59	8	13.6	731	1.1
Arizona	825	122	14.8	6,553	1.9
Arkansas	552	44	8.0	2,949	1.5
California	2,857	612	21.4	38,041	1.6
Colorado	472	76	16.1	5,188	1.5
Connecticut	236	36	15.3	3,590	1.0
Delaware	114	27	23.7	917	2.9
District of Columbia	15	7	46.7	632	1.1
Florida	2,424	476	19.6	19,318	2.5
Georgia	1,192	167	14.0	9,920	1.7
Hawaii	126	26	20.6	1,392	1.9
Idaho	184	13	7.1	1,596	0.8
Illinois	956	138	14.4	12,875	1.1
Indiana	779	59	7.6	6,537	0.9
Iowa	365	20	5.5	3,074	0.7
Kansas	405	26	6.4	2,886	0.9
Kentucky	746	49	6.6	4,380	1.1
Louisiana	722	118	16.3	4,602	2.6
Maine	164	9	5.5	1,329	0.7
Maryland	505	96	19.0	5,885	1.6
Massachusetts	349	72	20.6	6,646	1.1
Michigan	938	129	13.8	9,883	1.3
Minnesota	395	38	9.6	5,379	0.7
Mississippi	582	48	8.2	2,985	1.6
Missouri	826	84	10.2	6,022	1.4
Montana	205	8	3.9	1,005	0.8
Nebraska	212	15	7.1	1,856	0.8
Nevada	258	54	20.9	2,759	2.0
New Hampshire	108	8	7.4	1,321	0.6
New Jersey	589	156	26.5	8,865	1.8
New Mexico	365	61	16.7	2,086	2.9
New York	1,168	297	25.4	19,570	1.5
North Carolina	1,292	197	15.2	9,752	2.0
North Dakota	170	7	4.1	700	1.0
Ohio	1,123	115	10.2	11,544	1.0
Oklahoma	708	65	9.2	3,815	1.7
Oregon	336	55	16.4	3,899	1.4
Pennsylvania	1,310	163	12.4	12,764	1.3
Rhode Island	64	5	7.8	1,050	0.5
South Carolina	863	123	14.3	4,724	2.6
South Dakota	133	2	1.5	833	0.2
Tennessee	1,014	67	6.6	6,456	1.0
Texas	3,398	478	14.1	26,059	1.8
Utah	217	28	12.9	2,855	1.0
Vermont	77	10	13.0	626	1.6
Virginia	777	98	12.6	8,186	1.2
Washington	444	72	16.2	6,897	1.0
West Virginia	339	31	9.1	1,855	1.7
Wisconsin	615	45	7.3	5,726	0.8
Wyoming	123	6	4.9	576	1.0
United States, total	33,561	4,743	14.1	313,914	1.5

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

**SOURCE:** Fatalities: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www.fars.nhtsa.dot.gov](http://www.fars.nhtsa.dot.gov) as of June 2014. Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014.

**Table 2-8: Fatalities in Motor Vehicle Crashes Involving High Blood Alcohol Concentration:  
2011 and 2012**

(BAC ≥ 0.08 grams per deciliter)

State	2011			2012		
	Total fatalities	Fatalities involving high blood alcohol	Percent	Total fatalities	Fatalities involving high blood alcohol	Percent
Alabama	894	259	29.0	865	257	29.7
Alaska	72	21	29.2	59	15	25.4
Arizona	825	215	26.1	825	227	27.5
Arkansas	549	156	28.4	552	143	25.9
California	2,791	774	27.7	2,857	802	28.1
Colorado	447	161	36.0	472	133	28.2
Connecticut	220	92	41.8	236	85	36.0
Delaware	99	41	41.4	114	34	29.8
District of Columbia	27	8	29.6	15	4	26.7
Florida	2,398	716	29.9	2,424	697	28.8
Georgia	1,223	277	22.6	1,192	301	25.3
Hawaii	100	44	44.0	126	51	40.5
Idaho	167	50	29.9	184	54	29.3
Illinois	918	278	30.3	956	321	33.6
Indiana	750	207	27.6	779	228	29.3
Iowa	360	83	23.1	365	92	25.2
Kansas	386	108	28.0	405	98	24.2
Kentucky	721	171	23.7	746	168	22.5
Louisiana	675	226	33.5	722	241	33.4
Maine	136	23	16.9	164	49	29.9
Maryland	485	162	33.4	505	160	31.7
Massachusetts	337	114	33.8	349	123	35.2
Michigan	889	255	28.7	938	259	27.6
Minnesota	368	109	29.6	395	114	28.9
Mississippi	630	149	23.7	582	179	30.8
Missouri	784	258	32.9	826	280	33.9
Montana	209	81	38.8	205	89	43.4
Nebraska	181	45	24.9	212	74	34.9
Nevada	246	70	28.5	258	82	31.8
New Hampshire	90	27	30.0	108	32	29.6
New Jersey	627	193	30.8	589	164	27.8
New Mexico	353	105	29.7	365	97	26.6
New York	1,169	315	26.9	1,168	344	29.5
North Carolina	1,227	365	29.7	1,292	402	31.1
North Dakota	148	64	43.2	170	72	42.4
Ohio	1,016	316	31.1	1,123	385	34.3
Oklahoma	696	220	31.6	708	205	29.0
Oregon	331	97	29.3	336	86	25.6
Pennsylvania	1,286	407	31.6	1,310	408	31.1
Rhode Island	66	24	36.4	64	24	37.5
South Carolina	828	315	38.0	863	358	41.5
South Dakota	111	33	29.7	133	45	33.8
Tennessee	946	257	27.2	1,014	295	29.1
Texas	3,016	1,213	40.2	3,398	1,296	38.1
Utah	240	53	22.1	217	34	15.7
Vermont	55	18	32.7	77	23	29.9
Virginia	764	224	29.3	777	211	27.2
Washington	457	156	34.1	444	145	32.7
West Virginia	337	90	26.7	339	95	28.0
Wisconsin	582	196	33.7	615	200	32.5
Wyoming	135	38	28.1	123	40	32.5
United States, total	32,367	9,878	30.5	33,561	10,322	30.8

**NOTE:** National Highway Traffic Safety Administration estimates the proportion of fatalities with a high Blood Alcohol Concentration (BAC) 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.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, *Traffic Safety Fact Sheet, Alcohol-Impaired Driving*, available at [www-nrd.nhtsa.dot.gov/Cats](http://www-nrd.nhtsa.dot.gov/Cats) as of June 2014.

**Table 2-9: Maximum Posted Speed Limits by Type of Road: 2014**  
(Speed limit in miles per hour)

State	Interstate		Other limited-access roads <sup>1</sup>	
	Rural	Urban		Other roads
Alabama	70	65	65	65
Alaska	65	55	65	55
Arizona	75	65	65	65; trucks: 65
Arkansas	70; trucks: 65	55	601	55
California	70; trucks: 55	65; trucks: 55	70; trucks: 55	65; trucks: 55
Colorado	75	65	65	65
Connecticut	65	55	65	55
Delaware	65	55	65	55
District of Columbia	n/a	55	n/a	25
Florida	70	65	70	65
Georgia	70	70	65	65
Hawaii	60 <sup>2</sup>	60 <sup>2</sup>	55 <sup>2</sup>	45 <sup>2</sup>
Idaho	75; 80 on specified segments of road <sup>3</sup> ; trucks: 70	75; 80 on specified segments of road <sup>3</sup> ; trucks: 65	70	70
Illinois	70 <sup>4</sup>	55	65	55
Indiana	70; trucks: 65	55	60	55
Iowa	70	55	70	55
Kansas	75	75	75	65
Kentucky	65; 70 on specified segments of road <sup>5</sup>	65	65	55
Louisiana	75	70	70	65
Maine	75	75	75	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; 70 on specified segments of road <sup>6</sup>	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	70	65	70	55
Oklahoma	75	70	70	70
Oregon	65; trucks: 55	55	55	55
Pennsylvania	70	70	70	55
Rhode Island	65	55	55	55
South Carolina	70	70	60	55
South Dakota	75	75	70	70
Tennessee	70	70	70	65
Texas	75; 80 or 85 on specified segment of road <sup>7</sup>	75	75	75
Utah	75; 80 on specified segments of road <sup>8</sup>	65	75	65
Vermont	65	55	50	50
Virginia	70	70	65	55
Washington	70; trucks: 60	60	60	60
West Virginia	70	55	65	55
Wisconsin	65	65	65	55
Wyoming	75; 80 on specified segments of road <sup>9</sup>	75; 80 on specified segments of road <sup>9</sup>	65	65

<sup>1</sup>In Arkansas, the speed limit may be raised on particular two-lane or four-lane highways to 65 mph if based on traffic and engineering studies.

<sup>2</sup>In Hawaii, the maximum speed limit is established by county ordinance or by the director of transportation.

<sup>3</sup>In Idaho, the speed limit may be increased to 80 mph on specific segments of highway on the basis of an engineering and traffic investigation.

<sup>4</sup>The Illinois law allows Cook, DuPage, Kane, Lake, Madison, McHenry, St. Clair and Will Counties to opt-out by adopting an ordinance that sets a lower maximum speed limit, empowering counties to make adjustments based on their own local needs.

<sup>5</sup>In Kentucky, the speed limit may be increased to 70 mph on specific segments of highway on the basis of an engineering and traffic investigation.

<sup>6</sup>2013 New Hampshire House Bill 146 raised the speed limit from 65 to 70 mph on the portion of I-93 from mile marker 45 to the Vermont border.

<sup>7</sup>Sections of I-10 and I-20 in West Texas and sections of Highway 45 in Travis County have a speed limit for passenger cars and light trucks of 80 mph. Speed limits of up to 85 mph may be established if the highway is originally constructed and designed to accommodate the higher speed and it has been determined by an engineering study to be reasonable and safe. State Highway 130 (portions toll) has a posted limit of 85 mph, effective Oct. 2012.

<sup>8</sup>In Utah, the speed limit may be increased beyond 75 mph on any freeway or limited access highway on the basis of an engineering and traffic investigation, effective May 12, 2014. The highest posted limit in Utah is currently 80mph.

<sup>9</sup>In Wyoming, the speed limit may be increased to 80 mph on specific segments of highway on the basis of an engineering and traffic investigation.

**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, available at [www.iihs.org/iihs/topics/t/speed/topicoverview](http://www.iihs.org/iihs/topics/t/speed/topicoverview) as of June 2014.



**Table 2-10: Rail Accidents/Incidents: 2012**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Accidents/Incidents	Fatalities	Injuries
Alabama	200	10	98
Alaska	74	0	73
Arizona	94	9	57
Arkansas	169	9	96
California	820	101	680
Colorado	142	4	88
Connecticut	119	6	106
Delaware	61	0	56
District of Columbia	109	0	109
Florida	260	40	196
Georgia	255	21	147
Hawaii	0	0	0
Idaho	49	3	28
Illinois	868	39	659
Indiana	293	26	145
Iowa	166	7	87
Kansas	196	10	108
Kentucky	153	17	96
Louisiana	256	14	174
Maine	16	1	8
Maryland	136	5	101
Massachusetts	198	13	175
Michigan	134	12	120
Minnesota	210	15	137
Mississippi	111	11	71
Missouri	202	14	133
Montana	107	4	75
Nebraska	225	9	135
Nevada	37	2	25
New Hampshire	3	0	3
New Jersey	676	7	1004
New Mexico	78	2	55
New York	1,200	32	1126
North Carolina	164	18	126
North Dakota	131	10	99
Ohio	273	26	131
Oklahoma	162	11	73
Oregon	121	11	83
Pennsylvania	625	35	512
Rhode Island	21	1	18
South Carolina	125	10	76
South Dakota	32	1	13
Tennessee	167	14	82
Texas	800	68	451
Utah	54	5	34
Vermont	20	1	18
Virginia	184	13	123
Washington	195	13	142
West Virginia	106	7	70
Wisconsin	131	5	76
Wyoming	58	3	34
<b>United States, total</b>	<b>10,986</b>	<b>695</b>	<b>8,332</b>

**NOTE:** Data are preliminary. Accidents/Incidents includes all events reportable to the U.S. Department of Transportation, Federal Railroad Administration under applicable regulations. These include: train accidents, reported on Form F 6180.54, comprised of collisions, derailments, and other events involving the operation of on-track equipment and causing reportable damage above an established threshold (\$9,200 for 2010, 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, Office of Safety Analysis, available at [safetydata.fra.dot.gov/OfficeofSafety](http://safetydata.fra.dot.gov/OfficeofSafety) as of June 2014.

**Table 2-11: Highway-Rail Grade Crossing Incidents: 2012**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Number of grade crossings	Incidents	Fatalities	Injuries
Alabama	4,516	90	1	35
Alaska	290	1	0	0
Arizona	1,169	18	0	5
Arkansas	3,975	51	6	17
California	9,303	122	32	128
Colorado	2,785	23	2	4
Connecticut	637	2	2	2
Delaware	392	3	0	2
District of Columbia	35	0	0	0
Florida	5,105	59	12	42
Georgia	7,635	85	7	40
Hawaii	8	0	0	0
Idaho	2,323	11	2	5
Illinois	12,048	108	17	39
Indiana	7,742	111	13	31
Iowa	6,897	43	5	16
Kansas	7,799	37	6	18
Kentucky	4,743	47	5	24
Louisiana	5,011	79	7	50
Maine	1,668	1	0	0
Maryland	1,283	17	0	6
Massachusetts	1,432	8	0	2
Michigan	7,177	39	1	35
Minnesota	6,812	33	7	11
Mississippi	4,318	40	5	23
Missouri	5,722	50	7	24
Montana	3,091	10	2	5
Nebraska	4,882	28	3	14
Nevada	527	1	0	0
New Hampshire	584	1	0	1
New Jersey	2,145	24	0	12
New Mexico	1,227	9	1	4
New York	5,386	23	5	5
North Carolina	7,107	45	2	42
North Dakota	4,686	27	4	16
Ohio	8,600	76	9	25
Oklahoma	5,044	61	5	21
Oregon	3,947	16	1	3
Pennsylvania	6,179	59	3	20
Rhode Island	144	0	0	0
South Carolina	3,910	59	6	27
South Dakota	2,938	15	1	4
Tennessee	4,652	66	4	19
Texas	13,905	229	34	123
Utah	1,266	12	2	4
Vermont	881	1	1	0
Virginia	4,502	32	6	4
Washington	4,867	32	2	18
West Virginia	3,428	26	0	9
Wisconsin	6,391	43	4	12
Wyoming	1,088	2	0	0
United States, total	212,202	1,975	232	947

**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, Office of Safety Analysis, available at [safetydata.fra.dot.gov/OfficeofSafety](http://safetydata.fra.dot.gov/OfficeofSafety) as of June 2014.

**Table 2-12: Highway-Rail Grade Crossings by Type: 2012**  
(Includes freight railroad, Amtrak, and commuter rail operations)

State	Total (number)	Percent of total		
		Public, motor vehicle	Private, motor vehicle	Pedestrian
Alabama	4,516	61.0	38.3	0.7
Alaska	290	64.1	33.8	2.1
Arizona	1,169	63.0	36.6	0.3
Arkansas	3,975	68.1	31.7	0.2
California	9,303	63.3	34.8	1.9
Colorado	2,785	61.1	37.6	1.3
Connecticut	637	56.8	41.8	1.4
Delaware	392	68.6	30.9	0.5
District of Columbia	35	14.3	57.1	28.6
Florida	5,105	74.1	24.8	1.1
Georgia	7,635	67.8	31.5	0.7
Hawaii	8	100.0	0.0	0.0
Idaho	2,323	54.7	44.9	0.4
Illinois	12,048	64.6	32.4	3.0
Indiana	7,742	74.4	24.8	0.9
Iowa	6,897	62.6	36.8	0.6
Kansas	7,799	65.0	34.7	0.3
Kentucky	4,743	48.3	50.8	0.9
Louisiana	5,011	54.3	45.0	0.7
Maine	1,668	49.4	49.9	0.7
Maryland	1,283	48.9	49.3	1.7
Massachusetts	1,432	58.4	39.7	1.9
Michigan	7,177	67.5	31.1	1.3
Minnesota	6,812	64.3	34.8	0.9
Mississippi	4,318	51.1	48.4	0.5
Missouri	5,722	60.0	39.1	0.9
Montana	3,091	44.5	55.2	0.4
Nebraska	4,882	60.6	39.2	0.1
Nevada	527	54.6	44.4	0.9
New Hampshire	584	55.5	40.8	3.8
New Jersey	2,145	70.2	26.5	3.3
New Mexico	1,227	57.4	40.5	2.1
New York	5,386	49.8	48.9	1.3
North Carolina	7,107	56.0	42.9	1.1
North Dakota	4,686	73.6	26.1	0.3
Ohio	8,600	66.6	32.7	0.8
Oklahoma	5,044	73.9	25.9	0.3
Oregon	3,947	45.2	53.5	1.3
Pennsylvania	6,179	56.6	41.9	1.6
Rhode Island	144	46.5	35.4	18.1
South Carolina	3,910	67.4	31.8	0.8
South Dakota	2,938	63.6	36.2	0.2
Tennessee	4,652	59.4	40.1	0.6
Texas	13,905	65.5	34.4	0.1
Utah	1,266	54.7	44.9	0.3
Vermont	881	42.2	55.5	2.3
Virginia	4,502	42.1	57.0	0.9
Washington	4,867	49.3	49.7	0.9
West Virginia	3,428	41.4	57.0	1.6
Wisconsin	6,391	62.9	35.6	1.5
Wyoming	1,088	34.9	65.0	0.1
United States, total	212,202	61.1	37.9	1.0

**NOTE:** Data are preliminary.

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *Railroad Safety Statistics Preliminary Annual Report*, table 9-2, available at [safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx](http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx) as of June 2014.

**Table 2-13: Warning Devices at Public Highway-Rail Grade Crossings: 2012**

State	Total (number)	Percent of total							
		Cross bucks	Gates	Flashing lights	Stop signs	Unknown	Special warning	HWTS, WW, bells	Other
Alabama	2,754	26.2	28.1	18.1	24.4	1.6	0.3	0.9	0.4
Alaska	186	30.6	40.9	4.3	17.2	2.2	2.7	0.0	2.2
Arizona	737	26.3	53.9	6.8	9.1	1.4	1.8	0.8	0.0
Arkansas	2,707	53.2	16.4	14.0	8.1	3.7	1.7	2.8	0.0
California	5,889	27.6	52.0	11.9	3.4	1.9	0.4	2.7	0.2
Colorado	1,703	47.2	28.3	10.0	9.2	2.0	1.1	1.8	0.4
Connecticut	362	6.4	28.5	39.8	12.2	3.9	7.7	1.7	0.0
Delaware	269	8.2	26.4	57.2	0.4	1.1	5.9	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	3,783	15.2	64.9	11.1	5.1	1.7	1.7	0.2	0.1
Georgia	5,179	21.6	39.5	4.8	21.8	2.5	2.1	7.3	0.3
Hawaii	8	75.0	0.0	0.0	12.5	0.0	0.0	0.0	12.5
Idaho	1,271	30.5	13.1	13.6	41.6	0.8	0.1	0.2	0.0
Illinois	7,783	29.9	42.0	22.5	0.9	2.3	0.8	1.5	0.1
Indiana	5,757	22.3	36.1	20.3	17.9	1.5	0.1	1.6	0.2
Iowa	4,319	47.2	22.9	18.6	9.8	0.5	0.4	0.5	0.0
Kansas	5,069	60.7	25.8	7.8	3.1	0.8	0.7	1.2	0.0
Kentucky	2,290	40.0	20.7	29.6	2.1	5.3	1.8	0.5	0.0
Louisiana	2,721	36.3	35.1	14.9	9.3	3.2	0.7	0.1	0.2
Maine	824	31.8	12.6	46.1	1.3	0.7	6.8	0.6	0.0
Maryland	628	30.6	20.2	32.6	5.6	4.0	3.5	3.0	0.5
Massachusetts	836	13.2	40.7	32.2	1.3	3.9	6.7	1.7	0.4
Michigan	4,846	19.6	22.9	24.9	29.0	1.6	1.2	0.8	0.1
Minnesota	4,382	40.1	26.2	8.6	23.6	0.9	0.3	0.1	0.2
Mississippi	2,208	33.8	21.7	18.6	18.3	2.6	1.2	1.2	2.5
Missouri	3,436	46.1	26.5	18.9	3.3	2.7	1.4	1.0	0.1
Montana	1,374	58.7	20.7	11.9	5.1	0.5	0.5	0.1	2.5
Nebraska	2,959	60.7	22.7	6.1	7.7	2.2	0.3	0.2	0.0
Nevada	288	30.6	45.8	6.9	13.9	1.0	0.7	0.3	0.7
New Hampshire	324	27.8	10.2	33.6	15.4	6.2	6.2	0.3	0.3
New Jersey	1,506	15.2	32.7	38.5	1.1	4.3	6.8	1.3	0.0
New Mexico	704	42.3	39.6	9.9	2.8	5.3	0.0	0.0	0.0
New York	2,680	16.4	65.2	9.4	1.3	2.1	3.2	2.0	0.3
North Carolina	3,979	23.6	55.1	10.1	2.9	5.2	2.0	0.8	0.3
North Dakota	3,449	79.6	16.7	0.5	1.7	1.5	0.0	0.0	0.0
Ohio	5,724	32.9	48.8	13.7	2.1	0.6	0.5	1.3	0.0
Oklahoma	3,725	57.8	24.0	13.0	2.1	1.4	1.3	0.4	0.0
Oregon	1,786	29.0	41.7	3.4	20.7	2.3	1.5	0.6	0.8
Pennsylvania	3,496	28.7	27.7	28.8	4.7	2.6	4.9	2.2	0.3
Rhode Island	67	6.0	23.9	22.4	0.0	9.0	13.4	25.4	0.0
South Carolina	2,634	15.8	43.1	12.1	24.7	0.2	2.0	2.1	0.1
South Dakota	1,870	77.1	3.9	12.7	3.0	3.3	0.0	0.1	0.1
Tennessee	2,761	38.0	30.2	20.9	5.6	1.6	2.7	0.8	0.1
Texas	9,102	32.7	47.0	8.8	2.6	3.5	0.4	4.8	0.1
Utah	693	23.4	35.2	13.0	18.6	3.2	4.6	1.7	0.3
Vermont	372	27.7	12.1	44.4	6.2	1.6	7.8	0.3	0.0
Virginia	1,897	15.5	63.7	15.2	2.2	1.7	0.3	1.3	0.1
Washington	2,400	47.3	25.2	13.1	3.6	8.3	1.3	1.0	0.2
West Virginia	1,420	42.0	16.5	31.9	2.7	5.3	0.6	0.6	0.4
Wisconsin	4,021	34.7	21.6	23.5	18.1	0.9	0.4	0.7	0.1
Wyoming	380	28.2	52.1	14.7	2.1	1.6	0.3	1.1	0.0
United States, total	129,563	35.4	34.7	15.5	9.1	2.3	1.3	1.6	0.2

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

**SOURCE:** U.S. Department of Transportation, Federal Railroad Administration, *Railroad Safety Statistics Preliminary Annual Report*, table 9-4, available at [safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx](http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/Prelim.aspx) as of June 2014.

**Table 2-14: Train Accident/Incident Fatalities, Including at Highway-Rail Crossings, by Category of Person Killed: 2012**

(Includes freight railroad, Amtrak, and commuter rail operations)

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Non-trespasser	Other
Alabama	0	0	10	0	0
Alaska	0	0	0	0	0
Arizona	1	0	8	0	0
Arkansas	0	1	2	6	0
California	0	0	92	9	0
Colorado	0	0	2	2	0
Connecticut	0	0	4	2	0
Delaware	0	0	0	0	0
District of Columbia	0	0	0	0	0
Florida	1	0	37	2	0
Georgia	0	0	16	5	0
Hawaii	0	0	0	0	0
Idaho	0	0	1	2	0
Illinois	2	1	26	8	2
Indiana	1	0	20	5	0
Iowa	1	0	1	5	0
Kansas	0	0	5	5	0
Kentucky	0	0	16	1	0
Louisiana	0	0	8	6	0
Maine	0	0	1	0	0
Maryland	0	0	5	0	0
Massachusetts	0	0	13	0	0
Michigan	0	0	12	0	0
Minnesota	0	0	11	4	0
Mississippi	0	0	7	4	0
Missouri	1	0	6	7	0
Montana	0	0	3	1	0
Nebraska	1	1	5	2	0
Nevada	0	0	2	0	0
New Hampshire	0	0	0	0	0
New Jersey	2	1	4	0	0
New Mexico	0	0	2	0	0
New York	1	0	27	4	0
North Carolina	0	0	18	0	0
North Dakota	1	1	5	3	0
Ohio	0	0	23	3	0
Oklahoma	3	0	4	4	0
Oregon	0	0	11	0	0
Pennsylvania	1	0	33	1	0
Rhode Island	0	0	1	0	0
South Carolina	0	0	9	1	0
South Dakota	0	0	0	1	0
Tennessee	0	0	10	4	0
Texas	1	0	46	21	0
Utah	0	0	4	1	0
Vermont	0	0	0	1	0
Virginia	2	0	7	4	0
Washington	0	0	13	0	0
West Virginia	0	0	7	0	0
Wisconsin	0	0	3	2	0
Wyoming	0	0	3	0	0
United States, total	19	5	543	126	2

<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, Office of Safety Analysis, available at [safetydata.fra.dot.gov/OfficeofSafety](http://safetydata.fra.dot.gov/OfficeofSafety) as of June 2014.

**Table 2-15: Train Accident/Incident Injuries, Including at Highway-Rail Crossings, by Category of Person Injured: 2012**

(Includes freight railroad, Amtrak, and commuter rail operations)

State	Worker on duty <sup>1</sup>	Passenger on train	Trespasser	Non-trespasser	Other
Alabama	49	4	22	19	4
Alaska	65	8	0	0	0
Arizona	26	12	16	3	0
Arkansas	57	7	12	16	4
California	247	240	70	83	40
Colorado	53	12	8	11	4
Connecticut	70	24	0	9	3
Delaware	39	8	1	8	0
District of Columbia	57	25	0	24	3
Florida	62	59	29	27	19
Georgia	61	20	27	31	8
Hawaii	0	0	0	0	0
Idaho	22	0	1	5	0
Illinois	366	120	38	99	36
Indiana	91	7	22	18	7
Iowa	52	7	5	17	6
Kansas	72	1	8	21	6
Kentucky	51	0	18	20	7
Louisiana	89	10	18	50	7
Maine	7	0	0	0	1
Maryland	52	21	10	18	0
Massachusetts	110	46	7	8	4
Michigan	53	37	13	13	4
Minnesota	106	6	9	11	5
Mississippi	31	17	8	11	4
Missouri	74	8	7	35	9
Montana	54	11	4	4	2
Nebraska	102	2	6	14	11
Nevada	11	7	2	3	2
New Hampshire	0	1	1	1	0
New Jersey	270	215	11	115	393
New Mexico	27	15	8	3	2
New York	455	302	22	313	34
North Carolina	35	45	19	19	8
North Dakota	70	4	7	12	6
Ohio	60	8	26	24	13
Oklahoma	41	0	8	19	5
Oregon	37	22	7	12	5
Pennsylvania	334	68	23	71	16
Rhode Island	12	6	0	0	0
South Carolina	29	18	8	16	5
South Dakota	8	0	0	4	1
Tennessee	43	1	13	14	11
Texas	221	35	75	101	19
Utah	13	4	9	6	2
Vermont	14	3	0	0	1
Virginia	53	36	16	9	9
Washington	86	22	7	20	7
West Virginia	49	4	11	6	0
Wisconsin	51	5	3	13	4
Wyoming	32	0	0	2	0
<b>United States, total</b>	<b>4,069</b>	<b>1,533</b>	<b>635</b>	<b>1,358</b>	<b>737</b>

<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, Office of Safety Analysis, available at [safetydata.fra.dot.gov/OfficeofSafety](http://safetydata.fra.dot.gov/OfficeofSafety) as of June 2014.

**Table 2-16: Transit Incidents, Fatalities, Injuries, and Property Damage, All Transit Modes: 2011**

State	Collision			Noncollision			Total property damage (\$ thousands)
	Number of incidents	Fatalities	Injuries	Number of incidents	Fatalities	Injuries	
Alabama	7	0	14	19	0	16	108
Alaska	4	0	8	49	0	48	219
Arizona	52	1	80	77	0	74	882
Arkansas	5	1	3	6	0	6	36
California	463	25	668	2,077	43	2,014	7,683
Colorado	77	2	105	56	1	53	550
Connecticut	67	1	139	85	0	89	495
Delaware	3	0	9	125	0	127	35
District of Columbia	223	1	412	619	9	558	753
Florida	360	11	796	711	7	667	3,467
Georgia	120	3	248	394	4	379	1,016
Hawaii	25	1	38	77	0	79	341
Idaho	0	0	0	6	0	6	0
Illinois	412	7	753	1,300	31	1,162	5,680
Indiana	44	0	65	77	1	72	537
Iowa	12	0	15	8	0	5	74
Kansas	2	0	2	3	0	4	26
Kentucky	50	0	125	37	0	47	310
Louisiana	45	2	96	57	0	53	547
Maine	2	0	2	6	1	5	10
Maryland	193	4	415	254	3	238	1,999
Massachusetts	58	2	128	825	9	666	823
Michigan	84	3	187	299	1	291	5,386
Minnesota	48	1	106	106	0	104	502
Mississippi	1	0	2	0	0	0	52
Missouri	80	2	168	168	0	165	457
Montana	0	0	0	9	0	9	0
Nebraska	6	0	5	3	0	2	78
Nevada	39	0	94	122	0	119	927
New Hampshire	2	0	2	13	1	12	100
New Jersey	84	6	177	662	21	608	2,101
New Mexico	4	0	6	5	0	4	40
New York	548	23	1,060	7,817	77	6,721	5,189
North Carolina	72	1	172	138	0	131	525
North Dakota	1	0	1	3	0	4	15
Ohio	151	4	349	218	0	208	2,430
Oklahoma	5	0	25	6	0	6	82
Oregon	33	1	49	129	2	125	283
Pennsylvania	220	11	568	706	15	667	1,218
Rhode Island	27	1	55	21	0	23	1,046
South Carolina	18	0	80	21	0	17	203
South Dakota	0	0	0	0	0	0	0
Tennessee	25	2	72	51	0	50	229
Texas	274	14	462	505	5	481	3,557
Utah	34	4	41	25	5	18	1,238
Vermont	1	0	2	2	0	2	5
Virginia	75	2	165	102	0	94	992
Washington	92	5	118	295	3	261	3,914
West Virginia	8	1	15	7	0	7	89
Wisconsin	58	2	73	109	0	106	321
Wyoming	0	0	0	0	0	0	0
United States, total (excluding Puerto Rico)	4,214	144	8,175	18,410	239	16,603	56,569
United States, total (including Puerto Rico)	4,233	145	8,206	18,484	239	16,682	56,646

**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; 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 as of May 2013.

**Table 2-17: Recreational Boating Accidents: 2013**

State	Number of accidents				Number of persons	
	Total	Fatal	Nonfatal injury	Property damage	Killed	Injured
Alabama	62	10	26	26	10	46
Alaska	18	7	6	5	10	12
Arizona	95	9	62	24	9	84
Arkansas	56	13	21	22	15	27
California	426	34	206	186	37	277
Colorado	32	2	24	6	2	30
Connecticut	35	1	13	21	1	18
Delaware	8	0	4	4	0	5
District of Columbia	5	0	2	3	0	2
Florida	685	51	295	339	58	406
Georgia	92	15	55	22	16	73
Hawaii	14	4	4	6	4	6
Idaho	42	5	24	13	5	31
Illinois	59	8	24	27	9	38
Indiana	44	4	25	15	5	31
Iowa	24	3	15	6	3	17
Kansas	24	5	8	11	5	9
Kentucky	31	4	16	11	5	19
Louisiana	96	15	57	24	15	92
Maine	54	3	29	22	4	35
Maryland	110	13	62	35	14	77
Massachusetts	83	12	33	38	12	47
Michigan	92	19	36	37	21	47
Minnesota	75	10	37	28	12	47
Mississippi	41	12	20	9	13	31
Missouri	111	16	59	36	16	86
Montana	16	6	5	5	6	10
Nebraska	25	0	19	6	0	24
Nevada	48	5	20	23	5	41
New Hampshire	40	1	19	20	1	23
New Jersey	123	8	49	66	8	60
New Mexico	16	2	7	7	2	11
New York	180	15	79	86	18	113
North Carolina	139	14	70	55	16	90
North Dakota	5	2	3	0	2	3
Ohio	108	13	30	65	13	41
Oklahoma	42	8	17	17	9	25
Oregon	59	12	25	22	12	37
Pennsylvania	71	16	35	20	17	42
Rhode Island	42	1	13	28	1	20
South Carolina	104	26	43	35	27	59
South Dakota	10	1	4	5	1	6
Tennessee	119	17	58	44	20	75
Texas	146	28	71	47	31	106
Utah	76	10	47	19	12	52
Vermont	2	1	0	1	1	2
Virginia	64	10	33	21	11	44
Washington	94	17	39	38	17	51
West Virginia	16	3	8	5	3	20
Wisconsin	79	12	44	23	12	59
Wyoming	6	0	4	2	0	9
United States, total (excluding territories)	4,044	503	1,905	1,636	546	2,616
United States, total (including territories) <sup>1</sup>	4,062	510	1,907	1,645	560	2,620

<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, *Recreational Boating Statistics 2013*, table 30, available at [www.uscgboating.org/statistics/accident\\_statistics.aspx](http://www.uscgboating.org/statistics/accident_statistics.aspx) as of April 2014.



**Table 2-18: Alcohol Involvement in Recreational Boating Accidents: 2013**

State	Total number of accidents	Accidents with alcohol as a contributing factor		
		Total number of accidents	Percent of state total	Persons killed
Alabama	62	7	11.3	4
Alaska	18	2	11.1	4
Arizona	95	7	7.4	2
Arkansas	56	5	8.9	2
California	426	17	4.0	2
Colorado	32	4	12.5	0
Connecticut	35	2	5.7	0
Delaware	8	1	12.5	0
District of Columbia	5	0	0.0	0
Florida	685	32	4.7	10
Georgia	92	11	12.0	4
Hawaii	14	2	14.3	0
Idaho	42	8	19.0	2
Illinois	59	6	10.2	1
Indiana	44	2	4.5	0
Iowa	24	4	16.7	2
Kansas	24	2	8.3	1
Kentucky	31	5	16.1	0
Louisiana	96	9	9.4	3
Maine	54	3	5.6	0
Maryland	110	10	9.1	1
Massachusetts	83	8	9.6	3
Michigan	92	6	6.5	1
Minnesota	75	8	10.7	3
Mississippi	41	7	17.1	3
Missouri	111	15	13.5	6
Montana	16	1	6.3	0
Nebraska	25	1	4.0	0
Nevada	48	2	4.2	1
New Hampshire	40	1	2.5	0
New Jersey	123	6	4.9	0
New Mexico	16	2	12.5	0
New York	180	14	7.8	6
North Carolina	139	12	8.6	4
North Dakota	5	2	40.0	1
Ohio	108	7	6.5	1
Oklahoma	42	3	7.1	3
Oregon	59	3	5.1	3
Pennsylvania	71	4	5.6	1
Rhode Island	42	1	2.4	0
South Carolina	104	6	5.8	4
South Dakota	10	3	30.0	0
Tennessee	119	7	5.9	3
Texas	146	19	13.0	5
Utah	76	2	2.6	1
Vermont	2	0	0.0	0
Virginia	64	3	4.7	0
Washington	94	14	14.9	5
West Virginia	16	0	0.0	0
Wisconsin	79	9	11.4	2
Wyoming	6	0	0.0	0
United States, total (excluding territories)	4,044	305	7.5	94
United States, total (including territories) <sup>1</sup>	4,062	305	7.5	94

<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, *Recreational Boating Statistics 2013*, table 8 and 30, available at [www.uscgoating.org/statistics/accident\\_statistics.aspx](http://www.uscgoating.org/statistics/accident_statistics.aspx) as of April 2014.

**Table 2-19: Hazardous Materials Incidents: 2012 and 2013**  
(Not including pipelines or bulk, nonpackaged water incidents)

State	2012						2013					
	Incidents	Deaths	Injuries			Damages	Incidents	Deaths	Injuries			Damages
			Total	Major	Minor	(\$1,000)			Total	Major	Minor	(\$1,000)
Alabama	186	0	0	0	0	749	209	0	1	0	1	6,322
Alaska	179	0	0	0	0	81	168	0	0	0	0	150
Arizona	262	0	2	0	2	966	300	0	2	0	2	248
Arkansas	182	0	1	0	1	1,311	170	0	3	1	2	1,008
California	1,272	1	23	3	20	4,652	1,427	1	11	0	11	2,446
Colorado	381	0	4	0	4	2,268	340	1	1	0	1	874
Connecticut	206	0	1	0	1	197	165	0	1	0	1	423
Delaware	17	0	0	0	0	4	11	0	0	0	0	0
District of Columbia	1	0	0	0	0	0	2	0	0	0	0	0
Florida	687	1	7	0	7	4,244	660	1	19	8	11	3,157
Georgia	520	0	9	1	8	1,379	580	4	6	1	5	1,343
Hawaii	12	0	0	0	0	210	9	0	0	0	0	113
Idaho	32	0	1	1	0	139	32	0	0	0	0	468
Illinois	1,157	0	10	3	7	2,495	1,281	1	4	0	4	1,502
Indiana	476	1	1	0	1	1,717	472	0	3	1	2	1,466
Iowa	162	0	1	0	1	861	162	0	1	0	1	1,098
Kansas	295	0	3	1	2	2,113	318	0	0	0	0	1,074
Kentucky	369	0	2	0	2	5,442	406	0	0	0	0	1,218
Louisiana	248	0	8	1	7	3,821	299	0	7	0	7	4,450
Maine	25	0	0	0	0	35	27	0	0	0	0	70
Maryland	232	1	0	0	0	794	222	0	0	0	0	11,044
Massachusetts	253	0	3	0	3	928	231	0	0	0	0	1,038
Michigan	313	0	4	0	4	592	315	0	2	0	2	323
Minnesota	253	1	5	2	3	556	249	1	9	2	7	2,079
Mississippi	99	0	1	1	0	549	101	0	4	0	4	391
Missouri	349	0	1	0	1	621	353	0	3	0	3	1,349
Montana	45	0	0	0	0	240	51	0	0	0	0	1,875
Nebraska	59	0	1	0	1	589	59	0	7	0	7	331
Nevada	121	0	0	0	0	260	115	0	5	0	5	108
New Hampshire	35	0	0	0	0	10	41	0	0	0	0	13
New Jersey	372	1	1	0	1	1,724	427	0	5	0	5	313
New Mexico	52	0	5	0	5	741	85	0	0	0	0	343
New York	405	0	3	0	3	2,297	505	0	12	2	10	1,303
North Carolina	388	0	2	0	2	2,050	366	0	2	1	1	1,647
North Dakota	61	0	0	0	0	1,096	53	0	0	0	0	3,426
Ohio	955	0	6	0	6	2,987	988	0	7	2	5	12,213
Oklahoma	141	0	1	0	1	1,427	182	0	2	0	2	1,487
Oregon	293	0	17	1	16	261	299	0	0	0	0	388
Pennsylvania	785	0	11	1	10	2,628	816	0	4	2	2	2,174
Rhode Island	34	0	1	0	1	7	9	0	0	0	0	0
South Carolina	151	0	2	0	2	1,305	29	0	0	0	0	43
South Dakota	32	0	0	0	0	84	121	0	1	1	0	988
Tennessee	765	0	5	0	5	1,055	15	0	0	0	0	76
Texas	1,412	3	27	4	23	8,930	756	0	0	0	0	1,217
Utah	281	0	0	0	0	1,272	1,473	1	32	5	27	6,607
Vermont	17	0	0	0	0	61	291	0	5	0	5	694
Virginia	225	1	8	2	6	1,128	16	0	0	0	0	631
Washington	212	1	6	2	4	8,032	201	2	3	2	1	1,655
West Virginia	54	0	1	0	1	1,172	193	0	0	0	0	684
Wisconsin	276	1	0	0	0	1,673	55	0	0	0	0	2,016
Wyoming	27	0	0	0	0	798	296	0	0	0	0	490
<b>United States, total<sup>1</sup></b>	<b>15,366</b>	<b>12</b>	<b>184</b>	<b>23</b>	<b>161</b>	<b>78,552</b>	<b>15,951</b>	<b>12</b>	<b>162</b>	<b>28</b>	<b>134</b>	<b>84,376</b>

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

**NOTES:** Data for 2012 are revised. 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 that results in the closure of a major transportation artery; 4) the alteration of an aircraft flight plan or operation; 5) the release of radioactive materials from Type B packaging; 6) the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant; or 7) the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material. Hazardous materials Deaths and Injuries are caused by the hazardous material in commerce. Hazardous materials incident data are subject to revision and correction by the Office of Hazardous Materials Safety.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, Hazmat Intelligence Portal, *Yearly Incident Summary Reports*, available at [www.phmsa.dot.gov/hazmat/library/data-stats/incidents](http://www.phmsa.dot.gov/hazmat/library/data-stats/incidents) as of June 2014.

**Table 2-20: Hazardous Materials Incidents by Mode: 2012 and 2013**  
(Not including pipelines or bulk, nonpackaged water incidents)

State	2012					2013				
	Mode				Total	Mode				Total
	Highway	Rail	Air	Water <sup>2</sup>		Highway	Rail	Air	Water <sup>2</sup>	
Alabama	169	12	5	0	186	191	17	1	0	209
Alaska	1	0	146	32	179	3	0	143	22	168
Arizona	247	6	9	0	262	272	8	20	0	300
Arkansas	161	18	3	0	182	141	23	5	1	170
California	1,089	77	105	1	1,272	1,186	110	128	3	1,427
Colorado	365	5	11	0	381	316	10	14	0	340
Connecticut	196	0	10	0	206	157	0	8	0	165
Delaware	16	1	0	0	17	11	0	0	0	11
District of Columbia	0	0	1	0	1	2	0	0	0	2
Florida	588	13	72	14	687	580	10	52	18	660
Georgia	492	8	17	3	520	553	11	15	1	580
Hawaii	2	0	9	1	12	3	0	5	1	9
Idaho	25	4	3	0	32	28	0	4	0	32
Illinois	1,079	43	35	0	1,157	1,212	35	34	0	1,281
Indiana	404	22	50	0	476	422	15	35	0	472
Iowa	150	11	1	0	162	153	7	2	0	162
Kansas	271	18	6	0	295	292	15	11	0	318
Kentucky	183	10	176	0	369	212	9	185	0	406
Louisiana	199	44	4	1	248	252	41	5	1	299
Maine	23	1	1	0	25	25	0	2	0	27
Maryland	218	6	8	0	232	200	6	16	0	222
Massachusetts	220	1	32	0	253	203	3	25	0	231
Michigan	270	12	31	0	313	278	7	30	0	315
Minnesota	224	14	14	1	253	228	14	7	0	249
Mississippi	94	4	1	0	99	93	7	1	0	101
Missouri	323	10	16	0	349	326	14	13	0	353
Montana	33	6	6	0	45	41	6	4	0	51
Nebraska	49	8	2	0	59	55	4	0	0	59
Nevada	108	7	6	0	121	96	6	13	0	115
New Hampshire	29	0	6	0	35	38	0	3	0	41
New Jersey	303	13	56	0	372	359	11	51	6	427
New Mexico	45	7	0	0	52	70	14	1	0	85
New York	370	12	23	0	405	461	6	38	0	505
North Carolina	358	14	16	0	388	334	9	23	0	366
North Dakota	52	7	2	0	61	38	11	4	0	53
Ohio	895	27	33	0	955	939	20	29	0	988
Oklahoma	131	2	8	0	141	170	5	7	0	182
Oregon	266	9	18	0	293	258	18	23	0	299
Pennsylvania	745	19	21	0	785	757	38	20	1	816
Rhode Island	31	0	3	0	34	29	0	0	0	29
South Carolina	141	5	5	0	151	112	0	9	0	121
South Dakota	25	0	7	0	32	14	0	1	0	15
Tennessee	452	20	293	0	765	459	16	279	2	756
Texas	1,224	112	71	5	1,412	1,339	67	66	1	1,473
Utah	271	3	7	0	281	277	6	8	0	291
Vermont	17	0	0	0	17	15	0	1	0	16
Virginia	200	15	10	0	225	177	19	5	0	201
Washington	163	13	31	5	212	152	13	23	5	193
West Virginia	45	7	2	0	54	38	13	4	0	55
Wisconsin	256	11	9	0	276	278	12	6	0	296
Wyoming	22	4	1	0	27	21	7	1	0	29
United States, total <sup>1</sup>	13,240	661	1,402	63	15,366	13,866	663	1,380	62	15,971

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

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

**NOTES:** Data for 2012 are revised. 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 that results in the closure of a major transportation artery; 4) the alteration of an aircraft flight plan or operation; 5) the release of radioactive materials from Type B packaging; 6) the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant; or 7) the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, Hazmat Intelligence Portal, *Yearly Incident Summary Reports*, available at [www.phmsa.dot.gov/hazmat/library/data-stats/incidents](http://www.phmsa.dot.gov/hazmat/library/data-stats/incidents) as of June 2014.

**Table 2-21: Natural Gas Distribution Pipeline Incidents: 2012 and 2013**

State	2012				2013			
	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1,000)	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1,000)
Alabama	1	0	0	20	2	1	4	554
Alaska	1	0	0	255	0	0	0	0
Arizona	0	0	0	0	3	0	3	13
Arkansas	0	0	0	0	0	0	0	0
California	14	3	1	2,328	14	0	0	3,491
Colorado	0	0	0	0	3	0	3	969
Connecticut	0	0	0	0	2	0	0	938
Delaware	0	0	0	0	0	0	0	0
District of Columbia	2	0	1	363	0	0	0	0
Florida	1	0	1	44	1	0	0	66
Georgia	0	0	0	0	4	0	0	686
Hawaii	0	0	0	0	2	0	0	210
Idaho	2	0	0	270	0	0	0	0
Illinois	0	0	0	0	3	0	0	585
Indiana	1	0	0	96	2	0	0	110
Iowa	1	0	0	101	0	0	0	0
Kansas	6	1	4	1,217	2	0	0	353
Kentucky	1	0	0	202	2	1	1	391
Louisiana	0	0	0	0	1	0	0	75
Maine	0	0	0	0	0	0	0	0
Maryland	3	0	0	1,092	1	0	1	0
Massachusetts	6	1	17	2,436	4	0	0	955
Michigan	2	0	0	123	4	3	1	1,315
Minnesota	2	0	0	706	3	0	0	25
Mississippi	0	0	0	0	0	0	0	0
Missouri	1	0	0	92	1	1	4	0
Montana	0	0	0	0	0	0	0	0
Nebraska	2	0	1	56	3	0	1	192
Nevada	0	0	0	0	2	0	0	140
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	5	0	4	1,331	2	0	0	1,072
New Mexico	2	0	1	521	0	0	0	0
New York	17	0	8	8,698	18	0	12	3,088
North Carolina	0	0	0	0	0	0	0	0
North Dakota	1	0	1	120	0	0	0	0
Ohio	3	0	1	3,996	4	0	1	148
Oklahoma	1	0	1	56	2	0	1	273
Oregon	1	0	1	4	0	0	0	0
Pennsylvania	0	0	0	0	4	0	0	522
Rhode Island	0	0	0	0	1	0	0	29
South Carolina	0	0	0	0	0	0	0	0
South Dakota	1	0	0	109	0	0	0	0
Tennessee	2	1	1	212	2	0	0	557
Texas	9	3	4	924	10	1	4	639
Utah	0	0	0	0	1	0	0	102
Vermont	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	1	0	0	1
Washington	1	0	0	155	2	0	0	223
West Virginia	0	0	0	0	3	2	3	169
Wisconsin	0	0	0	0	0	0	0	0
Wyoming	1	0	0	30	0	0	0	0
United States, total	90	9	47	25,557	109	9	39	17,889

**NOTES:** Data for 2012 are revised. 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, Incident Statistics, available at [www.phmsa.dot.gov/pipeline/library/data-stats](http://www.phmsa.dot.gov/pipeline/library/data-stats) as of June 2014.

**Table 2-22: Natural Gas Transmission Pipeline Incidents: 2012 and 2013**

State	2012				2013			
	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1,000)	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1,000)
Alabama	0	0	0	0	1	0	0	322
Alaska	1	0	0	49	0	0	0	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	6	0	0	281	1	0	0	2
California	7	0	0	2,659	6	0	0	2,324
Colorado	2	0	0	81	3	0	0	234
Connecticut	1	0	0	53	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	2	0	0	1,758	1	0	0	147
Georgia	0	0	0	0	2	0	0	123
Hawaii	0	0	0	0	0	0	0	0
Idaho	1	0	0	46	0	0	0	0
Illinois	0	0	0	0	1	0	0	50
Indiana	2	0	0	787	0	0	0	0
Iowa	7	0	2	1,572	3	0	0	715
Kansas	0	0	0	0	3	0	0	1,781
Kentucky	2	0	0	1,723	0	0	0	0
Louisiana	15	0	0	28,116	21	0	2	15,842
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	0	0	693	2	0	0	184
Minnesota	0	0	0	0	2	0	0	208
Mississippi	1	0	0	1,103	7	0	0	1,270
Missouri	1	0	0	237	2	0	0	2,017
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	2	0	0	518
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	1	0	0	300	1	0	0	0
New Mexico	1	0	0	84	2	0	0	121
New York	6	0	0	1,928	4	0	0	894
North Carolina	0	0	0	0	1	0	0	606
North Dakota	1	0	0	81	5	0	0	519
Ohio	2	0	4	74	1	0	0	1,501
Oklahoma	2	0	0	41	8	0	0	3,452
Oregon	0	0	0	0	0	0	0	0
Pennsylvania	4	0	1	457	2	0	0	564
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
Tennessee	2	0	0	439	1	0	0	97
Texas	18	0	0	1,976	10	0	0	8,909
Utah	0	0	0	0	1	0	0	177
Vermont	0	0	0	0	0	0	0	0
Virginia	1	0	0	99	0	0	0	0
Washington	0	0	0	0	2	0	0	795
West Virginia	4	0	0	340	0	0	0	0
Wisconsin	1	0	0	127	1	0	0	230
Wyoming	2	0	0	77	1	0	0	257
United States, total <sup>1</sup>	116	0	7	53,895	113	0	2	50,806

<sup>1</sup>Incidents that have an "unknown" location are included in the U.S. total (20 Incidents causing \$8,712,721 in property damage for 2012; and 16 incidents causing \$6,945,051 in property damage for 2013).

**NOTES:** Data for 2012 are revised. Incidents are reported on Form RSPA F 7100.2. Incident means any of the following events:  
I. An event that involves a release of gas from a pipeline or a liquefied natural gas (LNG) facility and a) a death or personal injury necessitating in-patient hospitalization or b) estimated property damage, including cost of gas lost, of the operator or others, or both, of \$50,000 or more.  
II. An event that results in an emergency shutdown of an LNG facility.  
III. An event that is significant, in the judgment of the operator, even though it did not meet the criteria of I or II.  
Historical totals may change as the Office of Pipeline Safety receives supplemental information on incidents.

**SOURCE:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, Incident Statistics, available at [www.phmsa.dot.gov/pipeline/library/data-stats](http://www.phmsa.dot.gov/pipeline/library/data-stats) as of June 2014.

**Table 2-23: Hazardous Liquid Pipeline Incidents: 2012 and 2013**

State	2012				2013			
	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1000) <sup>2</sup>	Number of incidents	Number of fatalities	Number of injuries	Damages (\$1000) <sup>2</sup>
Alabama	2	0	0	32	3	0	0	93
Alaska	2	0	0	40	1	0	0	55
Arizona	0	0	0	0	0	0	0	0
Arkansas	1	0	0	43	4	0	0	78,817
California	22	0	0	2,635	17	0	0	7,557
Colorado	2	0	0	2	2	0	0	2
Connecticut	0	0	0	0	1	0	0	1
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0	0
Florida	1	0	0	186	0	0	0	0
Georgia	3	0	0	77	4	0	0	92
Hawaii	0	0	0	0	0	0	0	0
Idaho	0	0	0	0	1	0	0	224
Illinois	18	2	3	19,150	14	0	0	10,243
Indiana	6	0	0	241	12	0	0	8,985
Iowa	6	0	0	344	11	0	0	1,801
Kansas	21	0	0	3,704	22	0	0	1,076
Kentucky	2	0	0	31	3	0	0	89
Louisiana	29	0	0	13,807	17	1	0	13,998
Maine	0	0	0	0	0	0	0	0
Maryland	1	0	0	0	1	0	0	5
Massachusetts	0	0	0	0	0	0	0	0
Michigan	4	0	0	1,542	6	0	0	554
Minnesota	11	0	0	2,395	12	0	0	1,231
Mississippi	5	0	0	549	7	0	0	6,609
Missouri	6	0	0	701	8	0	0	769
Montana	6	0	0	251	2	0	0	1,991
Nebraska	4	0	0	1,292	3	0	0	86
Nevada	0	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	14	0	0	1,482	9	0	0	161
New Mexico	5	0	0	48	12	0	0	820
New York	1	0	0	62	2	0	0	308
North Carolina	0	0	0	0	4	0	0	2,217
North Dakota	3	0	0	877	11	0	0	18,811
Ohio	5	0	0	20,506	7	0	0	166
Oklahoma	28	0	0	3,193	39	0	0	19,728
Oregon	1	0	0	76	0	0	0	0
Pennsylvania	5	0	0	525	9	0	0	1,514
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	1	0	0	1,100	1	0	0	1
South Dakota	1	0	0	266	0	0	0	0
Tennessee	1	0	0	1,211	2	0	0	86
Texas	120	1	1	18,598	142	0	5	57,534
Utah	1	0	0	32	2	0	0	13,846
Vermont	0	0	0	0	0	0	0	0
Virginia	4	0	0	155	1	0	0	20
Washington	3	0	0	18	0	0	0	0
West Virginia	0	0	0	0	1	0	0	4,917
Wisconsin	7	0	0	38,292	1	0	0	31
Wyoming	11	0	0	426	7	0	0	167
United States, total <sup>1</sup>	364	3	4	134,118	401	1	5	254,604

<sup>1</sup>Incidents that have an "unknown" location are included in the U.S. total (one Incident causing \$230,005 in property damage for 2012).

<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:** Data for 2012 are revised. 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 that 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, Incident Statistics, available at [www.phmsa.dot.gov/pipeline/library/data-stats](http://www.phmsa.dot.gov/pipeline/library/data-stats) as of June 2014.

**Table 2-24: State Laws on Distracted Driving: July 2014**

State	Ban on hand-held devices	Ban on text messaging
Alabama	no	yes
Alaska	no	yes
Arizona	no	no
Arkansas	no	yes
California	yes	yes
Colorado	no	yes
Connecticut	yes	yes
Delaware	yes	yes
District of Columbia	yes	yes
Florida	no	yes
Georgia	no	yes
Hawaii	yes	yes
Idaho	no	yes
Illinois	yes	yes
Indiana	no	yes
Iowa	no	yes
Kansas	no	yes
Kentucky	no	yes
Louisiana	no	yes
Maine	no	yes
Maryland	yes	yes
Massachusetts	no	yes
Michigan	no	yes
Minnesota	no	yes
Mississippi	no	no
Missouri	no	no
Montana	no	no
Nebraska	no	yes
Nevada	yes	yes
New Hampshire	no	yes
New Jersey	yes	yes
New Mexico <sup>1</sup>	no	yes
New York	yes	yes
North Carolina	no	yes
North Dakota	no	yes
Ohio	no	yes
Oklahoma	no	no
Oregon	yes	yes
Pennsylvania	no	yes
Rhode Island	no	yes
South Carolina	no	yes
South Dakota	no	yes
Tennessee	no	yes
Texas	no	no
Utah	no	yes
Vermont	no	yes
Virginia	no	yes
Washington	yes	yes
West Virginia	yes	yes
Wisconsin	no	yes
Wyoming	no	yes
<b>Total</b>	<b>13</b>	<b>45</b>

<sup>1</sup>Hand-held ban for drivers with in state vehicles.

**NOTES:** The totals are the sum of the individual state's data. In Florida, Iowa, Nebraska, Ohio, and South Dakota secondary enforcement is applied to texting while driving. The term "secondary enforcement" means that motorists must be stopped for another violation before they can be cited for texting or using a mobile phone.

**SOURCE:** U.S. Department of Transportation, National Highway Traffic Safety Administration, [Distraction.gov](http://Distraction.gov), available at [www.distraction.gov/content/get-the-facts/state-laws.html](http://www.distraction.gov/content/get-the-facts/state-laws.html) as of July 2014.

**Table 2-25: Bus Involvement in Fatal Crashes: 2012**

State	Number of vehicles involved in fatal crases			Number of fatalities		
	Buses	All vehicles	Buses as percentage of all vehicles	Buses	All vehicles	Bus fatalities as percentage of all fatalities
Alabama	2	1,223	0.2	2	865	0.2
Alaska	1	83	1.2	1	59	1.7
Arizona	5	1,109	0.5	5	825	0.6
Arkansas	3	738	0.4	4	552	0.7
California	21	3,848	0.5	23	2,857	0.8
Colorado	4	635	0.6	4	472	0.8
Connecticut	3	336	0.9	3	236	1.3
Delaware	2	146	1.4	2	114	1.8
District of Columbia	1	21	4.8	1	15	6.7
Florida	18	3,428	0.5	18	2,424	0.7
Georgia	5	1,688	0.3	5	1,192	0.4
Hawaii	3	176	1.7	3	126	2.4
Idaho	13	244	5.3	0	184	0.0
Illinois	3	1,324	0.2	14	956	1.5
Indiana	2	1,112	0.2	4	779	0.5
Iowa	5	492	1.0	0	365	0.0
Kansas	1	534	0.2	2	405	0.5
Kentucky	8	1,029	0.8	6	746	0.8
Louisiana	7	952	0.7	0	722	0.0
Maine	9	215	4.2	1	164	0.6
Maryland	4	704	0.6	8	505	1.6
Massachusetts	1	451	0.2	7	349	2.0
Michigan	7	1,335	0.5	9	938	1.0
Minnesota	1	542	0.2	7	395	1.8
Mississippi	2	684	0.3	2	582	0.3
Missouri	2	1,106	0.2	8	826	1.0
Montana	1	250	0.4	2	205	1.0
Nebraska	12	285	4.2	5	212	2.4
Nevada	25	355	7.0	2	258	0.8
New Hampshire	2	147	1.4	1	108	0.9
New Jersey	6	819	0.7	12	589	2.0
New Mexico	2	472	0.4	0	365	0.0
New York	3	1,576	0.2	27	1,168	2.3
North Carolina	13	1,747	0.7	2	1,292	0.2
North Dakota	6	218	2.8	0	170	0.0
Ohio	8	1,578	0.5	6	1,123	0.5
Oklahoma	21	943	2.2	4	708	0.6
Oregon	2	426	0.5	11	336	3.3
Pennsylvania	3	1,808	0.2	13	1,310	1.0
Rhode Island	2	88	2.3	0	64	0.0
South Carolina	4	1,163	0.3	6	863	0.7
South Dakota	7	175	4.0	0	133	0.0
Tennessee	1	1,379	0.1	8	1,014	0.8
Texas	251	4,607	5.4	22	3,398	0.6
Utah	3	295	1.0	2	217	0.9
Vermont	2	97	2.1	0	77	0.0
Virginia	11	1,031	1.1	4	777	0.5
Washington	6	602	1.0	2	444	0.5
West Virginia	2	451	0.4	4	339	1.2
Wisconsin	8	809	1.0	7	615	1.1
Wyoming	0	161	0.0	1	123	0.8
United States, total	244	45,637	0.5	280	33,561	0.8

**NOTES:** Fatal bus crashes involve school buses, cross country/inter-city buses, transit buses, van-based bus with gross vehicle weight rating greater than 10,000 lbs. and other/unknown bus types.

**SOURCES:** Fatal crashes: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www.fars.nhtsa.dot.gov](http://www.fars.nhtsa.dot.gov) as of June 2014.



**Table 2-26: Bicyclist Fatalities Involving Motor Vehicles: 2012**

State	Total traffic fatalities	Bicyclists killed	Bicyclist fatalities as percent of total	Population (thousands)	Bicyclist fatality rate per 100,000 population
Alabama	865	9	1.0	4,822	0.2
Alaska	59	1	1.7	731	0.1
Arizona	825	18	2.2	6,553	0.3
Arkansas	552	6	1.1	2,949	0.2
California	2,857	124	4.3	38,041	0.3
Colorado	472	13	2.8	5,188	0.3
Connecticut	236	4	1.7	3,590	0.1
Delaware	114	4	3.5	917	0.4
District of Columbia	15	0	0.0	632	0.0
Florida	2,424	122	5.0	19,318	0.6
Georgia	1,192	17	1.4	9,920	0.2
Hawaii	126	2	1.6	1,392	0.1
Idaho	184	2	1.1	1,596	0.1
Illinois	956	29	3.0	12,875	0.2
Indiana	779	15	1.9	6,537	0.2
Iowa	365	3	0.8	3,074	0.1
Kansas	405	7	1.7	2,886	0.2
Kentucky	746	6	0.8	4,380	0.1
Louisiana	722	24	3.3	4,602	0.5
Maine	164	1	0.6	1,329	0.1
Maryland	505	5	1.0	5,885	0.1
Massachusetts	349	15	4.3	6,646	0.2
Michigan	938	19	2.0	9,883	0.2
Minnesota	395	7	1.8	5,379	0.1
Mississippi	582	4	0.7	2,985	0.1
Missouri	826	6	0.7	6,022	0.1
Montana	205	1	0.5	1,005	0.1
Nebraska	212	0	0.0	1,856	0.0
Nevada	258	3	1.2	2,759	0.1
New Hampshire	108	0	0.0	1,321	0.0
New Jersey	589	14	2.4	8,865	0.2
New Mexico	365	7	1.9	2,086	0.3
New York	1,168	45	3.9	19,570	0.2
North Carolina	1,292	27	2.1	9,752	0.3
North Dakota	170	0	0.0	700	0.0
Ohio	1,123	18	1.6	11,544	0.2
Oklahoma	708	5	0.7	3,815	0.1
Oregon	336	10	3.0	3,899	0.3
Pennsylvania	1,310	16	1.2	12,764	0.1
Rhode Island	64	2	3.1	1,050	0.2
South Carolina	863	13	1.5	4,724	0.3
South Dakota	133	0	0.0	833	0.0
Tennessee	1,014	8	0.8	6,456	0.1
Texas	3,398	56	1.6	26,059	0.2
Utah	217	3	1.4	2,855	0.1
Vermont	77	0	0.0	626	0.0
Virginia	777	11	1.4	8,186	0.1
Washington	444	12	2.7	6,897	0.2
West Virginia	339	1	0.3	1,855	0.1
Wisconsin	615	11	1.8	5,726	0.2
Wyoming	123	0	0.0	576	0.0
United States, total	33,561	726	2.2	313,914	0.2

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

**SOURCE:** Fatalities: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System Encyclopedia, available at [www.fars.nhtsa.dot.gov](http://www.fars.nhtsa.dot.gov) as of June 2014. Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, Vintage 2009 and 2012, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014.

# Chapter 3

## 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. The data presented in this table exclude shipments from entities classified in forestry, fishing, utilities, construction, transportation, and most retail and services industries. Farms and government-owned entities were also excluded. Also excluded are most imports and commodities shipped from a foreign location to another foreign destination that pass through the United States.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, Commodity Flow Survey, *Freight Shipments by State of Origin*, available at [www.bts.gov/publications/commodity\\_flow\\_survey](http://www.bts.gov/publications/commodity_flow_survey) as of July 2014.

**Table 3-2: Hazardous Material Shipments by Selected State of Origin: 2007**

<b>State</b>	<b>Value (\$ millions)</b>	<b>Tons (thousands)</b>	<b>Ton-miles (millions)</b>
Alabama	15,790	26,336	5,559
Alaska	8,918	12,960	5,339
Arizona	17,792	14,862	2,455
Arkansas	8,808	13,090	2,145
California	151,684	199,755	9,720
Colorado	12,321	16,126	2,589
Connecticut	14,073	18,830	895
Delaware	7,314	9,525	S
Florida	45,582	68,259	9,429
Georgia	35,767	67,633	6,608
Hawaii	9,643	16,873	535
Idaho	1,909	2,483	1,241
Illinois	73,473	114,925	32,108
Indiana	19,168	46,314	5,818
Iowa	7,849	11,784	4,212
Kansas	19,784	29,512	3,424
Kentucky	27,644	39,242	3,203
Louisiana	126,043	221,005	37,565
Maine	5,465	10,249	580
Maryland	8,849	12,622	S
Massachusetts	21,489	43,187	1,611
Michigan	24,593	34,455	3,011
Minnesota	23,938	42,960	5,621
Mississippi	14,586	37,253	9,961
Missouri	18,143	19,401	2,111
Montana	7,781	14,722	6,368
Nebraska	3,476	5,047	2,352
Nevada	2,683	1,907	390
New Hampshire	2,885	4,259	174
New Jersey	47,908	78,894	4,421
New Mexico	5,902	6,603	1,086
New York	37,438	56,577	4,411
North Carolina	20,400	23,736	3,431
North Dakota	3,966	6,347	925
Ohio	48,758	66,218	10,576
Oklahoma	30,998	50,428	7,543
Oregon	9,898	12,934	777
Pennsylvania	53,480	95,592	9,895
Rhode Island	2,896	3,713	114
South Carolina	6,398	10,288	665
South Dakota	3,019	4,475	3,003
Tennessee	13,540	18,603	2,927
Texas	340,144	499,592	76,530
Utah	12,596	28,063	6,542
Vermont	1,433	1,899	48
Virginia	13,726	16,727	1,537
Washington	28,513	40,661	10,860
West Virginia	5,885	8,822	2,193
Wisconsin	15,078	18,950	2,154
Wyoming	8,793	26,438	6,090
<b>United States, total</b>	<b>1,448,218</b>	<b>2,231,133</b>	<b>323,457</b>

**KEY:** S = Estimate does not meet publication standards because of high sampling variability or poor response quality.

**NOTES:** Details may not add to totals due to rounding. Data are based on samples from a survey and are subject to variability. Data exclude shipments from entities classified in forestry, fishing, utilities, construction, transportation, and most retail and services industries. Farms and government-owned entities were also excluded. Also excluded are most imports and commodities shipped from a foreign location to another foreign destination that pass through the United States.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, Commodity Flow Survey.

**Table 3-3: Hazardous Material Shipments by Selected State of Destination: 2007**

State	Value (\$ millions)	Tons (thousands)	Ton-miles (millions)
Alabama	17,935	31,853	7,044
Alaska	8,679	12,111	2,858
Arizona	15,803	15,491	4,457
Arkansas	10,598	14,777	2,127
California	159,535	211,302	30,720
Colorado	14,152	21,145	2,857
Connecticut	13,272	20,809	2,059
Delaware	10,194	20,794	1,566
District of Columbia	247	362	23
Florida	57,547	88,865	23,422
Georgia	39,381	69,241	10,316
Hawaii	9,724	16,910	682
Idaho	2,654	10,665	2,718
Illinois	56,291	80,466	16,557
Indiana	28,394	51,746	7,119
Iowa	7,069	10,323	2,536
Kansas	20,106	31,514	4,480
Kentucky	25,965	39,180	6,852
Louisiana	101,838	182,088	18,759
Maine	5,495	8,700	1,017
Maryland	11,376	15,794	1,987
Massachusetts	20,208	43,425	1,957
Michigan	32,165	44,694	9,828
Minnesota	24,029	42,515	3,410
Mississippi	18,384	31,548	5,132
Missouri	19,813	27,890	2,983
Montana	6,669	9,778	1,692
Nebraska	3,103	5,657	1,915
Nevada	4,371	5,896	4,020
New Hampshire	5,530	8,186	869
New Jersey	45,654	80,041	9,624
New Mexico	7,750	8,543	2,508
New York	46,247	67,308	7,446
North Carolina	18,971	24,853	5,298
North Dakota	2,956	4,391	664
Ohio	47,924	66,226	9,921
Oklahoma	31,499	47,195	5,590
Oregon	15,602	20,280	6,132
Pennsylvania	40,415	67,220	6,103
Rhode Island	3,557	4,302	339
South Carolina	12,401	19,684	4,925
South Dakota	2,396	4,171	1,062
Tennessee	15,601	20,640	5,266
Texas	318,321	487,434	52,256
Utah	12,873	17,033	3,157
Vermont	3,215	4,338	420
Virginia	13,093	19,876	4,354
Washington	23,273	31,526	5,181
West Virginia	11,507	17,532	3,852
Wisconsin	15,359	21,307	3,624
Wyoming	9,077	23,506	3,774
United States, total	1,448,218	2,231,133	323,457

**NOTES:** Details may not add to totals due to rounding. Data are based on samples from a survey and are subject to variability. Data exclude shipments from entities classified in forestry, fishing, utilities, construction, transportation, and most retail and services industries. Farms and government-owned entities were also excluded. Also excluded are most imports and commodities shipped from a foreign location to another foreign destination that pass through the United States.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics and U.S. Department of Commerce, U.S. Census Bureau, Commodity Flow Survey.

**Table 3-4: Rail Shipments: 2011**

State	Rail shipments terminating in state		Rail shipments originating in state	
	All commodities (thousands of tons)	Top commodity by weight	All commodities (thousands of tons)	Top commodity by weight
Alabama	47,007	Coal	33,182	Coal
Alaska	6,194	Stone, sand, gravel	6,194	Stone, sand, gravel
Arizona	25,245	Coal	3,073	Waste & scrap
Arkansas	29,080	Coal	15,494	Stone, sand, gravel
California	97,407	Intermodal	58,652	Intermodal
Colorado	27,390	Coal	25,228	Coal
Connecticut	1,394	Primary metal prod.	1,490	Waste & scrap
Delaware	3,096	Stone, sand, gravel	576	Chemicals
District of Columbia	68	All traffic	39	All traffic
Florida	65,095	Phosphate rock	39,523	Phosphate rock
Georgia	74,387	Coal	29,630	Stone, sand, gravel
Hawaii	0	NA	0	NA
Idaho	7,549	Chemicals	6,741	Farm products
Illinois	158,660	Coal	112,264	Intermodal
Indiana	56,327	Coal	56,203	Coal
Iowa	35,950	Coal	44,955	Food products
Kansas	24,561	Coal	20,051	Farm products
Kentucky	37,012	Coal	72,728	Coal
Louisiana	36,867	Chemicals	28,923	Chemicals
Maine	2,585	Ground earths	2,238	Pulp & paper
Maryland	38,659	Coal	6,209	Coal & cement
Massachusetts	6,720	Intermodal	1,887	Intermodal
Michigan	36,260	Coal	22,294	Metallic ores
Minnesota	72,149	Iron ore	90,904	Iron ore
Mississippi	14,458	Coal & iron ore	7,195	Chemicals
Missouri	72,376	Coal	15,494	Food products
Montana	4,171	Petroleum prod.	43,497	Coal
Nebraska	23,601	Coal	29,362	Farm products
Nevada	6,201	Coal	2,314	Concrete & gypsum pr.
New Hampshire	1,027	Coal & chemicals	148	All traffic
New Jersey	23,677	Chemicals	11,072	Intermodal
New Mexico	3,306	Food products	11,856	Coal
New York	21,986	Coal	6,799	Waste & scrap
North Carolina	55,012	Coal	10,175	Chemicals
North Dakota	12,382	Coal	29,754	Farm products
Ohio	83,315	Coal	63,236	Coal
Oklahoma	32,886	Coal	16,989	Stone, sand, gravel
Oregon	21,216	Chemicals	8,496	Lumber & wood pr.
Pennsylvania	60,430	Coal	53,532	Coal
Rhode Island	805	Chemicals	45	All traffic
South Carolina	31,313	Coal	11,970	Chemicals
South Dakota	4,081	Coal & cement	14,792	Farm products
Tennessee	28,464	Coal	15,229	Intermodal
Texas	202,425	Coal	89,284	Chemicals
Utah	12,755	Coal & cement	19,394	Coal
Vermont	1,414	Lumber & wood pr.	639	Ground minerals
Virginia	77,572	Coal	37,534	Coal
Washington	48,842	Farm products	20,354	Intermodal
West Virginia	16,681	Coal	104,666	Coal
Wisconsin	58,817	Coal	16,341	Stone, sand, gravel
Wyoming	16,952	Coal	472,453	Coal
United States, total	1,825,827	Coal	1,791,098	Coal

**KEY:** NA = not applicable.

**NOTE:** The top commodity is based on the 38 two-digit Standard Transportation Commodity Code groupings and is determined by the tonnage either originating or terminating in the state (including intrastate shipments.) Commodity tonnage data are rounded estimates based on the Carload Waybill Sample. Individual state shipments may not add to total.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends 2002-2011*, available at [www.aar.org/StatisticsAndPublications](http://www.aar.org/StatisticsAndPublications) as of July 2013.

**Table 3-5: Waterborne Shipments: 2011 and 2012**  
(Thousands of short tons)

State	2011						2012					
	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	15,609	14,863	14,710	10,442	14,937	70,560	16,073	13,542	13,308	10,104	16,512	69,539
Alaska	4,494	2,892	1,449	29,751	4,430	43,017	3,776	3,142	1,763	28,103	4,258	41,041
Arkansas	2,051	6,212	0	6,298	0	14,561	1,932	6,918	0	7,580	0	16,430
California	12,984	16,457	122,071	5,721	66,855	224,088	12,505	16,310	120,470	5,662	65,889	220,836
Connecticut	999	8,222	2,527	704	524	12,977	730	6,884	2,027	472	532	10,645
Delaware	75	4,542	5,588	2,012	1,014	13,232	124	4,059	6,991	3,372	1,249	15,794
District of Columbia	0	110	0	0	0	110	0	113	0	0	0	113
Florida	761	42,922	27,616	5,824	19,647	96,769	876	39,987	28,017	4,695	18,510	91,501
Georgia	1,296	726	17,774	347	17,369	37,511	1,125	903	16,646	234	17,971	36,879
Hawaii	8,828	3,840	8,536	1,149	619	22,972	10,367	4,172	8,521	1,469	403	24,932
Idaho	0	0	0	619	0	619	0	0	0	619	0	868
Illinois	10,453	16,241	2,428	79,432	1,109	109,663	7,441	17,063	1,352	80,424	116	106,399
Indiana	2,367	45,782	1,519	17,325	449	67,442	2,288	46,265	1,443	18,211	116	68,322
Iowa	339	3,290	0	6,111	0	9,740	125	3,372	0	6,829	0	10,327
Kansas	0	16	0	210	0	227	0	0	0	346	0	346
Kentucky	19,010	24,870	0	48,668	0	92,548	20,657	25,357	0	48,674	0	94,688
Louisiana	47,128	130,784	102,704	86,843	133,426	500,885	51,561	136,948	92,973	86,780	142,523	510,788
Maine	43	1,579	13,062	172	555	15,411	109	1,136	13,179	168	536	15,127
Maryland	1,477	6,282	13,635	3,978	23,879	49,251	1,015	3,712	12,892	3,656	23,993	45,268
Massachusetts	295	7,172	11,433	134	1,611	20,646	381	5,028	10,206	223	1,459	17,298
Michigan	9,705	20,825	4,056	20,958	6,307	61,851	9,853	18,948	3,960	19,859	4,927	57,547
Minnesota	1,115	7,237	387	31,793	2,578	43,109	1,204	6,560	314	31,296	3,499	42,872
Mississippi	260	8,156	22,134	12,234	7,980	50,763	467	7,727	18,469	13,806	8,122	48,592
Missouri	4,571	5,486	0	23,054	0	33,111	4,253	5,853	0	23,960	0	34,066
Nebraska	0	13	0	8	0	21	0	10	0	12	0	22
New Hampshire	0	441	2,613	73	220	3,347	0	492	1,654	9	264	2,419
New Jersey	10,245	12,484	76,747	34,887	24,335	158,698	9,554	10,119	74,657	33,954	24,401	152,685
New York	5,072	14,658	11,687	8,054	3,452	42,923	5,179	13,279	9,507	8,325	2,585	38,875
North Carolina	1,727	2,102	4,818	119	2,857	11,622	1,385	1,612	5,314	160	2,557	11,028
Ohio	11,313	54,176	6,505	19,051	4,472	95,518	10,820	49,682	6,531	18,621	4,915	90,569
Oklahoma	0	2,555	0	2,794	0	5,349	6	2,632	0	3,478	0	6,116
Oregon	2,982	5,697	3,470	2,101	16,893	31,142	2,904	5,842	3,745	2,261	16,004	30,758
Pennsylvania	9,801	26,413	31,314	12,539	2,229	82,297	8,947	29,488	20,424	9,734	1,838	70,431
Puerto Rico	1,129	6,343	10,757	699	516	19,444	1,398	3,681	13,351	1,324	253	19,424
Rhode Island	149	2,877	3,920	449	984	8,378	112	2,721	3,795	363	575	7,567
South Carolina	454	1,930	9,515	481	6,016	18,396	456	1,629	10,614	403	6,437	19,539
Tennessee	1,523	25,842	0	6,310	0	33,675	1,656	25,378	0	7,042	0	34,076
Texas	65,410	25,490	233,319	35,472	130,734	490,426	75,043	26,494	218,616	37,957	127,774	485,884
Vermont	0	0	0	0	0	0	0	0	0	0	0	0
Virginia	3,220	3,201	9,859	6,311	53,353	75,945	2,650	3,080	9,205	3,765	61,121	79,821
Washington	8,781	19,910	23,183	10,363	53,543	115,780	9,257	18,906	23,857	11,396	52,182	115,598
West Virginia	11,014	16,822	0	41,341	0	69,177	11,822	15,420	0	37,742	0	64,984
Wisconsin	88	6,213	1,931	19,637	4,173	32,042	171	6,571	1,305	18,880	4,706	31,634
United States, total	277,131	610,799	869,137	610,799	610,417	2,367,484	288,507	596,369	804,514	596,369	617,381	2,306,770

**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, Navigation Data Center, Waterborne Commerce Statistics Center, Waterborne Commerce of the United States 2011 and 2012, Part 5 National Summaries, Table 4-1, available at [www.navigationdatacenter.us/wcsc](http://www.navigationdatacenter.us/wcsc) as of July 2014.



**Table 3-6: Top 50 U.S. Ports by Port Calls and Vessel Type<sup>1</sup>: 2011**  
(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	7,218	324,760	4,652	230,030	766	33,648	827	35,328	973	25,754
Los Angeles/Long Beach, CA	2	5,364	338,943	1,311	113,204	581	31,407	2,927	180,926	545	13,405
New York/New Jersey, NY and NJ	3	4,661	232,105	1,517	77,108	188	9,381	2,389	131,466	567	14,151
San Francisco, CA	4	3,826	226,802	755	57,358	663	30,129	2,187	134,468	221	4,847
Virginia Ports, VA	5	3,671	216,323	142	5,353	1,017	74,777	2,160	123,183	352	13,010
New Orleans, LA	6	2,972	143,919	890	43,673	1,145	60,245	646	32,505	291	7,496
Columbia River, OR	7	2,920	134,244	125	4,764	2,193	109,133	154	8,105	448	12,242
Savannah, GA	8	2,731	134,565	241	10,191	164	5,791	2,015	109,952	311	8,631
Philadelphia, PA	9	2,310	115,440	798	72,785	229	9,879	459	17,799	824	14,978
Baltimore, MD	10	2,158	105,305	128	4,619	610	50,928	397	23,657	1,023	26,101
Charleston, SC	11	1,876	94,367	187	8,712	76	3,446	1,302	75,423	311	6,786
Port Everglades, FL	12	1,743	55,604	435	19,556	19	736	1,075	32,163	214	3,149
Jacksonville, FL	13	1,657	55,334	220	10,604	97	5,727	541	23,803	799	15,200
Miami, FL	14	1,284	41,413	17	789	0	0	1,064	38,019	203	2,606
Texas City, TX	15	1,162	71,288	1,118	69,373	38	1,639	0	0	6	276
Galveston, TX	16	1,087	42,055	641	27,679	207	9,138	11	418	228	4,820
San Juan, PR	17	1,086	25,497	138	6,483	34	1,227	510	11,946	404	5,841
Mobile, AL	18	1,065	52,224	165	9,216	374	24,013	223	9,524	303	9,471
Seattle, WA	19	1,062	67,000	23	979	197	12,216	796	51,913	46	1,891
Tacoma, WA	20	1,003	46,939	53	5,810	215	12,781	416	21,529	319	6,820
Corpus Christi, TX	21	979	67,222	747	55,839	185	9,766	0	0	47	1,617
Galveston, TX	22	969	126,532	969	126,532	0	0	0	0	0	0
Port Arthur, TX	23	808	42,994	519	31,722	161	7,127	0	0	128	4,144
Lake Charles, LA	24	780	52,992	574	45,373	126	5,843	0	0	80	1,776
Tampa, FL	25	765	28,956	345	13,523	251	10,418	43	1,254	126	3,761
Freeport, TX	26	727	35,241	502	30,127	6	344	96	1,822	123	2,948
Nederland Terminal, TX	27	702	59,319	673	58,266	21	756	0	0	8	297
Pascagoula, TX	28	604	41,279	454	34,645	67	4,376	0	0	83	2,258
Boston, MA	29	602	28,941	227	9,257	69	3,353	175	10,925	131	5,405
Honolulu, HI	30	580	23,733	112	8,793	18	907	343	12,043	107	1,990
Wilmington, NC	31	507	18,664	202	7,173	47	1,785	182	7,429	76	2,277
Southwest Pass light. Area, LA	32	452	57,541	451	57,421	0	0	0	0	1	121
Port Angeles, WA	33	379	36,437	256	31,089	94	4,548	9	392	20	409
Brunswick, GA	34	364	7,753	3	68	9	239	1	21	351	7,426
San Diego, CA	35	349	6,946	53	1,535	11	501	52	881	233	4,028
Loop Terminal, LA	36	319	80,181	314	79,629	3	196	0	0	2	356
S. California Light. Area, CA	37	312	51,478	312	51,478	0	0	0	0	0	0
Port Hueneme, CA	38	310	5,318	13	514	0	0	0	0	297	4,804
Point Comfort, TX	39	289	11,431	154	4,895	86	5,128	0	0	49	1,408
Bayport, TX	40	287	10,777	172	4,597	1	51	112	6,061	2	68
March Point, WA	41	284	24,131	284	24,131	0	0	0	0	0	0
El Segundo, CA	42	274	26,909	274	26,909	0	0	0	0	0	0
Valdez, AK	43	270	33,186	270	33,186	0	0	0	0	0	0
Beaumont, TX	44	270	10,813	99	4,508	91	4,051	0	0	80	2,254
Cherry Point, WA	45	250	26,769	250	26,769	0	0	0	0	0	0
Portland, ME	46	245	16,995	206	15,967	25	752	0	0	14	276
Gulfport, MS	47	237	4,059	0	0	16	904	219	3,102	2	54
Anchorage, AK	48	228	5,582	15	693	6	190	107	2,315	100	2,384
Ingleside, TX	49	223	14,312	87	8,108	123	5,893	0	0	13	310
Barbours Cut, TX	50	205	9,037	22	901	12	591	160	7,197	11	348
Top 50 ports total		64,426	3,489,653	22,115	1,571,932	10,241	553,961	21,598	1,115,567	10,472	248,193
U.S. ports total <sup>5</sup>		67,929	3,665,121	23,678	1,675,195	10,883	584,429	22,222	1,138,126	11,146	267,371
Top 50 ports as percent of U.S. total		94.8	95.2	93.4	93.8	94.1	94.8	97.2	98.0	94.0	92.8

<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 [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 May 2013.

**Table 3-7: Top 30 U.S. Containership Ports: 2012**  
(Thousands of TEUs)

Port	Rank	Total	Export	Import
Los Angeles, CA	1	5,938	1,870	4,068
Long Beach, CA	2	4,330	1,284	3,046
New York, NY	3	4,247	1469	2,777
Savannah, GA	4	2,288	1212	1076
Norfolk, VA	5	1,647	829	817
Oakland, CA	6	1,542	793	749
Houston, TX	7	1,495	876	619
Seattle, WA	8	1,240	514	726
Charleston, SC	9	1,216	567	649
Tacoma, WA	10	1,092	443	649
Miami, FL	11	721	366	355
Port Everglades, FL	12	645	379	266
Baltimore, MD	13	515	196	320
New Orleans, LA	14	300	220	80
Jacksonville, FL	15	281	154	127
Philadelphia, PA	16	233	47	186
Wilmington, NC	17	203	92	111
Wilmington, DE	18	194	34	160
Gulfport, MS	19	176	73	103
San Juan, PR	20	175	15	160
Boston, MA	21	153	58	95
Portland, OR	22	152	90	63
Mobile, AL	23	152	92	60
West Palm Beach, FL	24	118	91	26
Chester, PA	25	66	38	28
Freeport, TX	26	61	27	34
San Diego, CA	27	54	2	52
Port Hueneme, CA	28	53	6	48
Anchorage, AK	29	35	35	0
Panama City, FL	30	34	15	19
Top 30 ports, total		29,355	11,885	17,470
United States, all ports <sup>1</sup>		29,477	11,936	17,541
Top 30 ports as percent of U.S. total		99.6	99.6	99.6

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

**KEY:** TEU = twenty-foot equivalent unit.

**SOURCE:** U.S. Department of Transportation, Maritime Administration, U.S. Waterborne Foreign Container Trade by U.S. Custom Ports, available at [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 July 2014.

**Table 3-8: Scheduled and Nonscheduled Air Freight and Mail Enplaned: 2012**  
(Short tons)

State	Freight		Mail	
	Scheduled	Nonscheduled	Scheduled	Nonscheduled
Alabama	23,129	40,648	1	0
Alaska	655,944	174,265	94,824	203
Arizona	137,868	7,568	11,300	0
Arkansas	9,190	772	138	0
California	1,681,873	105,184	77,708	0
Colorado	112,608	6,448	8,188	0
Connecticut	52,727	1,184	3,935	0
Delaware	1,402	13,174	0	0
District of Columbia	0	0	0	0
Florida	884,595	214,469	23,605	0
Georgia	305,301	6,987	20,724	0
Hawaii	220,855	48,537	17,284	1,080
Idaho	21,116	6	20	0
Illinois	624,605	51,000	30,882	0
Indiana	527,427	2,046	1,327	0
Iowa	56,128	29	5,700	0
Kansas	10,361	2,062	0	0
Kentucky	1,347,917	127,169	40,534	0
Louisiana	39,890	1,323	9	0
Maine	5,720	472	0	0
Maryland	51,603	1,966	3,096	65
Massachusetts	121,962	1,791	5,475	0
Michigan	124,954	2,476	9,106	0
Minnesota	103,794	2,967	11,195	0
Mississippi	3,306	730	2	0
Missouri	91,040	4,843	2,626	0
Montana	23,071	53	248	0
Nebraska	30,769	45	441	0
Nevada	82,758	214	1,861	0
New Hampshire	43,200	730	515	0
New Jersey	329,127	10,148	24,261	19,278
New Mexico	41,780	216	651	0
New York	603,756	44,102	19,933	5,581
North Carolina	124,359	2,221	11,744	0
North Dakota	11,394	544	4	0
Ohio	95,377	7,327	1,958	0
Oklahoma	43,903	211	0	0
Oregon	97,500	2,300	2,660	0
Pennsylvania	281,910	5,657	18,328	0
Rhode Island	4,427	58	1	0
South Carolina	46,578	7,553	165	0
South Dakota	26,510	58	39	0
Tennessee	2,252,024	9,557	3,144	0
Texas	748,999	36,604	29,535	0
Utah	86,352	2,469	7,682	0
Vermont	1,898	2	0	0
Virginia	165,269	2,195	6,544	0
Washington	230,876	13,562	9,799	0
West Virginia	1,970	5	0	0
Wisconsin	52,182	252	1,136	0
Wyoming	7,336	0	0	0
United States, total (including U.S. territories)	12,725,511	967,560	510,645	26,257

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

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, TranStats Database, T-100 Market (All Carriers), available at [www.transtats.bts.gov](http://www.transtats.bts.gov) as of July 2014.

**Table 3-9: Top 50 Airports by Landed Weight of All-Cargo Operations: 2007–2012**  
(Thousands of short tons)

Airport	Rank in 2012	Landed weight					
		2007	2008	2009	2010	2011	2012
Memphis International (MEM)	1	9,772	9,750	9,464	9,772	10,152	10,492
Ted Stevens Anchorage International (ANC)	2	10,562	8,976	7,762	9,732	8,887	8,261
Louisville International-Standiford Field (SDF)	3	5,216	5,223	5,139	5,319	5,491	5,548
Miami International (MIA)	4	3,715	3,494	3,176	3,453	3,317	3,574
Indianapolis International (IND)	5	2,652	2,564	2,288	2,359	2,407	2,470
Chicago O'Hare International (ORD)	6	2,201	2,103	1,750	2,448	2,184	2,278
Los Angeles International (LAX)	7	3,431	2,876	1,884	1,977	2,022	2,102
John F Kennedy International (JFK)	8	2,557	2,222	1,591	1,962	1,972	1,747
Cincinnati/Northern Kentucky International (CVG)	9	97	104	564	1,216	1,410	1,594
Dallas/Fort Worth International (DFW)	10	1,753	1,614	1,436	1,516	1,532	1,544
Newark Liberty International (EWR)	11	1,873	1,727	1,464	1,489	1,525	1,427
Metropolitan Oakland International (OAK)	12	1,811	1,742	1,341	1,324	1,340	1,323
Ontario International (ONT)	13	1,394	1,350	1,168	1,121	1,157	1,181
Hartsfield - Jackson Atlanta International (ATL)	14	1,261	1,167	1,278	1,314	1,328	1,014
Honolulu International (HNL)	15	1,134	1,032	1,021	1,062	1,057	988
Philadelphia International (PHL)	16	1,375	1,264	1,132	994	975	942
George Bush Intercontinental/Houston (IAH)	17	769	754	784	763	808	788
Phoenix Sky Harbor International (PHX)	18	711	675	610	607	620	650
Seattle-Tacoma International (SEA)	19	691	747	803	697	679	645
Denver International (DEN)	20	642	625	624	619	605	602
San Francisco International (SFO)	21	1,039	775	747	652	622	599
Portland International (PDX)	22	713	656	545	531	567	581
Salt Lake City International (SLC)	23	535	521	449	424	428	438
Minneapolis-St Paul International/Wold-Chamberlain (MSP)	24	612	562	474	512	484	438
Luis Munoz Marin International (SJU)	25	522	431	543	441	434	425
Rafael Hernandez (BQN)	26	311	322	255	257	333	411
Chicago/Rockford International (RFD)	27	737	710	564	459	444	411
San Antonio International (SAT)	28	407	412	336	337	374	405
Boeing Field/King County International (BFI)	29	403	418	447	453	455	396
General Edward Lawrence Logan International (BOS)	30	530	492	418	409	403	390
Bradley International (BDL)	31	459	433	382	365	375	364
Orlando International (MCO)	32	483	425	391	398	403	363
Rickenbacker International (LCK)	33	407	365	323	342	327	347
San Diego International (SAN)	34	346	333	319	315	325	341
Detroit Metropolitan Wayne County (DTW)	35	398	354	292	276	301	333
Fort Worth Alliance (AFW)	36	557	449	299	350	449	317
Piedmont Triad International (GSO)	37	229	232	279	306	304	303
Albuquerque International Sunport (ABQ)	38	339	315	290	299	297	284
El Paso International (ELP)	39	285	224	196	264	267	277
Manchester (MHT)	40	278	227	166	249	261	260
Baltimore/Washington International Thurgood Marshall (BWI)	41	261	228	235	236	242	244
Washington Dulles International (IAD)	42	290	285	215	225	223	233
Laredo International (LRD)	43	170	143	133	212	227	232
Fort Lauderdale/Hollywood International (FLL)	44	378	336	251	238	213	224
General Mitchell International (MKE)	45	269	279	187	248	245	222
Spokane International (GEG)	46	253	252	219	220	217	220
Reno/Tahoe International (RNO)	47	246	234	168	175	186	219
Huntsville International-Carl T Jones Field (HSV)	48	197	190	153	167	223	219
Des Moines International (DSM)	49	314	298	240	217	213	216
Kansas City International (MCI)	50	341	294	228	216	212	214
Top 50 airports, total <sup>1</sup>		66,754	62,092	55,727	59,873	59,663	59,098
United States, all airports <sup>2</sup>		76,583	71,147	63,191	67,530	67,194	66,356
Top 50 airports as percent of U.S. total		87.16	87.27	88.19	88.66	88.79	89.06

<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 2012.

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

**SOURCE:** U.S. Department of Transportation, Federal Aviation Administration, Passenger Boarding and All-Cargo Data, available at [www.faa.gov/airports/planning\\_capacity/passenger\\_allcargo\\_stats](http://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats) as of May 2014.

**Table 3-10: U.S. Surface Merchandise Trade with Canada and Mexico: 2013**  
(Millions of current dollars)

State	Exports to		Imports from	
	Canada	Mexico	Canada	Mexico
Alabama	4,246	1,585	1,944	1,319
Alaska	179	6	254	11
Arizona	1,500	6,829	1,147	6,977
Arkansas	1,552	833	976	576
California	15,429	20,708	22,952	34,307
Colorado	1,830	881	3,911	1,296
Connecticut	1,486	1,138	3,337	914
Delaware	659	97	1,086	54
District of Columbia	11	1	128	13
Florida	4,594	1,385	2,511	3,108
Georgia	5,932	2,279	3,674	4,016
Hawaii	6	2	99	4
Idaho	1,566	246	1,009	73
Illinois	18,895	6,892	39,467	10,366
Indiana	11,384	3,797	7,626	3,850
Iowa	4,331	1,924	3,321	1,455
Kansas	2,302	1,325	1,469	923
Kentucky	7,307	1,634	3,553	4,869
Louisiana	2,172	1,436	1,450	322
Maine	1,252	39	1,938	44
Maryland	1,543	300	1,583	1,481
Massachusetts	3,059	1,666	6,893	2,879
Michigan	25,277	12,039	47,905	39,594
Minnesota	5,370	1,281	13,216	1,923
Mississippi	1,836	927	1,075	1,092
Missouri	3,880	1,959	3,953	2,819
Montana	573	55	5,210	72
Nebraska	2,125	1,131	979	190
Nevada	928	223	672	347
New Hampshire	523	387	886	551
New Jersey	5,870	1,990	4,628	2,981
New Mexico	248	792	217	358
New York	14,872	1,714	17,674	2,602
North Carolina	6,372	2,382	3,222	4,437
North Dakota	2,629	234	2,482	139
Ohio	19,070	4,712	16,478	7,378
Oklahoma	1,818	563	5,815	1,037
Oregon	2,966	269	2,712	366
Pennsylvania	10,545	3,219	10,455	2,781
Rhode Island	450	157	339	310
South Carolina	3,634	1,514	2,350	2,090
South Dakota	671	373	453	65
Tennessee	8,281	4,085	5,309	5,528
Texas	19,212	83,151	12,150	69,363
Utah	1,097	500	1,408	2,375
Vermont	1,846	119	3,761	107
Virginia	3,018	978	1,671	508
Washington	7,007	2,289	13,362	740
West Virginia	1,657	157	1,147	146
Wisconsin	7,208	2,370	4,090	2,407
Wyoming	369	49	1,875	21
United States, total <sup>1</sup>	270,895	191,240	297,989	233,007

<sup>1</sup>United States total includes trade in which the state is unknown.

**NOTE:** Surface merchandise trade comprises all shipments of goods between the United States and Canada or Mexico by surface modes of transport (other than air or maritime vessel).

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, Transborder Freight Data, available at [transborder.bts.gov/programs/international/transborder](http://transborder.bts.gov/programs/international/transborder) as of July 2014.

**Table 3-11: U.S. Surface Merchandise Imports from Canada and Mexico: 2013**  
(Short tons)

State	Imports from Canada				Imports from Mexico			
	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)	Total (short tons)	Truck (percent)	Rail (percent)	Other <sup>1</sup> (percent)
Alabama	1,888,554	15.8	84.2	<0.05	271,804	84.4	15.6	<0.05
Alaska	112,144	74.7	25.2	0.2	2,047	41.3	58.7	Z
Arizona	646,441	27.0	73.0	0.1	3,807,340	85.3	14.2	0.5
Arkansas	774,911	20.8	79.1	<0.05	187,656	85.6	14.4	<0.05
California	7,371,268	27.4	72.6	<0.05	7,567,867	87.3	10.1	2.6
Colorado	6,416,411	3.7	8.1	88.2	141,728	84.7	15.3	Z
Connecticut	962,325	54.5	41.4	4.1	291,255	52.0	48.0	<0.05
Delaware	1,683,692	4.5	85.1	10.4	10,322	100.0	0.0	Z
District of Columbia	11,897	98.5	1.5	Z	11,126	100.0	0.0	Z
Florida	2,027,790	24.5	75.4	0.1	634,318	72.4	27.6	<0.05
Georgia	2,039,582	30.9	69.1	<0.05	1,060,157	89.9	10.1	<0.05
Hawaii	17,071	99.7	0.3	Z	1,623	100.0	0.0	Z
Idaho	1,809,999	24.6	75.4	<0.05	18,471	99.5	0.5	Z
Illinois	60,736,017	4.2	8.3	87.5	4,289,443	36.8	63.1	0.1
Indiana	6,152,935	28.6	71.4	<0.05	650,967	80.3	19.7	<0.05
Iowa	3,026,103	19.4	79.8	0.8	234,203	98.6	1.4	<0.05
Kansas	748,175	36.8	63.2	<0.05	92,244	72.8	27.2	Z
Kentucky	1,858,790	43.0	57.0	<0.05	805,483	74.3	25.5	0.1
Louisiana	1,942,243	5.0	94.4	0.6	191,765	23.3	76.7	<0.05
Maine	2,971,655	40.7	28.7	30.6	6,513	99.4	0.6	Z
Maryland	1,207,501	35.3	64.3	0.4	182,890	68.8	31.2	0.1
Massachusetts	2,851,842	56.2	43.8	<0.05	203,083	98.8	1.2	<0.05
Michigan	20,946,392	39.1	17.4	43.4	5,257,986	35.0	65.0	<0.05
Minnesota	23,361,563	6.1	16.1	77.8	324,169	86.5	13.5	Z
Mississippi	826,561	16.6	79.4	4.0	371,896	78.7	21.3	Z
Missouri	4,215,816	11.9	26.3	61.8	643,609	83.6	16.4	Z
Montana	9,985,704	10.4	3.1	86.5	5,731	54.6	0.0	45.4
Nebraska	821,989	36.7	62.6	0.7	47,231	76.9	23.1	Z
Nevada	506,862	30.3	69.7	<0.05	86,482	100.0	0.0	<0.05
New Hampshire	719,476	62.4	37.6	Z	24,869	99.9	0.1	Z
New Jersey	3,081,379	46.9	53.1	<0.05	578,100	83.2	16.4	0.4
New Mexico	302,402	9.6	90.4	<0.05	337,758	80.7	19.0	0.3
New York	9,461,480	68.3	27.7	4.1	646,299	91.6	8.4	<0.05
North Carolina	2,544,746	27.4	72.6	0.0	603,453	94.1	5.9	<0.05
North Dakota	3,630,306	54.3	45.6	0.1	11,121	88.0	12.0	Z
Ohio	16,716,013	22.9	16.1	61.1	1,091,777	76.9	20.8	2.3
Oklahoma	10,703,515	1.4	4.5	94.1	237,172	97.6	2.4	Z
Oregon	4,891,938	17.4	82.6	<0.05	115,650	90.5	9.5	Z
Pennsylvania	9,040,978	37.2	32.1	30.7	704,664	68.4	31.6	<0.05
Rhode Island	224,159	59.9	40.1	<0.05	16,983	99.5	0.5	Z
South Carolina	1,594,044	29.9	69.9	0.2	304,498	82.5	4.7	12.8
South Dakota	500,734	52.5	41.5	6.0	24,254	62.1	37.9	Z
Tennessee	2,998,655	26.7	73.2	<0.05	727,613	88.0	4.2	7.8
Texas	8,274,910	19.5	72.7	7.9	17,092,979	81.9	15.7	2.3
Utah	866,060	40.8	49.8	9.4	162,364	89.9	10.1	<0.05
Vermont	1,743,971	74.8	25.2	<0.05	8,927	94.8	5.2	Z
Virginia	1,280,058	39.1	57.7	3.2	73,364	86.6	13.3	0.1
Washington	13,098,059	20.9	24.0	55.1	119,978	69.3	30.7	Z
West Virginia	819,338	25.0	75.0	<0.05	100,925	19.2	80.8	Z
Wisconsin	4,425,958	28.0	69.1	2.9	651,511	90.0	10.0	0.1
Wyoming	2,732,241	3.0	13.7	83.3	5,342	99.9	0.1	Z
United States, total <sup>2</sup>	267,594,212	20.6	29.9	49.5	51,040,116	74.2	24.3	1.5

<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 90.6 percent of the weight arrives by pipeline. For the category "Other" imports from Mexico, approximately 70.8 percent of the weight is via pipeline, and approximately 28.5 percent of the weight arrives by Foreign Trade Zones.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, Transborder Freight Data available at [transborder.bts.gov/programs/international/transborder](http://transborder.bts.gov/programs/international/transborder) as of July 2014.

**Table 3-12: Incoming Truck Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	9,947	9,484	5,944	5,699	5,275	4,843
Idaho	60,677	58,390	63,927	64,992	69,633	69,125
Maine	376,099	335,671	344,612	334,310	328,974	321,728
Michigan	2,297,445	1,867,706	2,165,079	2,189,895	2,274,224	2,303,991
Minnesota	76,820	67,452	73,928	75,298	69,712	66,396
Montana	168,935	144,911	155,016	165,818	175,770	176,583
New York	1,645,515	1,398,201	1,451,605	1,463,269	1,474,122	1,476,360
North Dakota	393,028	363,076	380,838	386,711	412,873	396,412
Vermont	254,024	216,463	217,404	205,843	207,317	212,291
Washington	612,061	559,279	586,052	598,540	605,607	620,929
United States, total	5,894,551	5,020,633	5,444,405	5,490,375	5,623,507	5,648,658

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-13: Incoming Truck Container (Loaded) Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	7,061	7,059	10,141	10,469	9,920	9,449
Idaho	51,306	49,723	49,573	46,726	48,556	44,768
Maine	271,686	189,200	199,200	176,215	183,831	180,242
Michigan	1,957,860	1,541,803	1,805,476	1,734,025	1,732,268	1,771,063
Minnesota	42,473	38,300	40,189	40,575	35,160	35,440
Montana	144,612	119,215	112,774	127,790	129,789	108,649
New York	1,331,016	1,118,436	1,144,885	1,091,610	1,100,864	1,094,797
North Dakota	303,473	262,108	273,137	259,135	277,270	279,550
Vermont	217,949	195,304	169,036	163,909	162,117	164,661
Washington	370,447	376,156	367,020	398,462	388,999	394,632
United States, total	4,697,883	3,897,304	4,171,431	4,048,916	4,068,774	4,083,251

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-14: Incoming Truck Container (Empty) Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	755	1,044	4,579	4,356	3,856	3,770
Idaho	8,993	8,510	8,755	12,788	16,633	21,634
Maine	99,326	131,192	144,724	133,641	141,840	98,972
Michigan	311,501	280,601	288,006	274,300	388,933	509,246
Minnesota	34,030	29,320	35,226	37,381	36,699	31,623
Montana	23,213	23,092	26,071	35,776	44,047	43,575
New York	308,588	277,995	308,783	315,926	321,025	323,218
North Dakota	89,447	102,566	111,243	132,504	139,638	120,910
Vermont	43,156	40,867	48,576	40,927	41,455	39,084
Washington	165,322	161,951	163,753	175,823	172,773	181,333
United States, total	1,084,331	1,057,138	1,139,716	1,163,422	1,306,899	1,373,365

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-15: Incoming Train Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	364	318	300	295	273	261
Idaho	1,197	967	1,205	1,233	1,188	1,267
Maine	1,172	743	726	593	923	981
Michigan	7,531	5,490	6,268	6,485	6,682	7,060
Minnesota	8,512	6,556	6,744	7,101	7,406	8,031
Montana	367	344	373	380	442	444
New York	4,071	4,042	3,984	4,023	4,238	4,455
North Dakota	3,600	2,887	3,311	3,048	3,509	3,085
Vermont	878	767	803	793	787	735
Washington	2,088	1,920	2,409	2,716	3,076	3,028
United States, total	29,780	24,034	26,123	26,667	28,524	29,086

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-16: Incoming Rail Container (Loaded) Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	NA	NA	NA	NA	NA	NA
Idaho	92,915	68,792	89,365	89,989	88,508	99,890
Maine	16,666	12,513	15,783	14,639	21,274	17,840
Michigan	430,908	325,594	385,873	401,959	401,374	406,646
Minnesota	260,601	224,202	267,534	302,829	382,975	420,956
Montana	18,528	14,405	16,985	13,725	14,700	14,469
New York	168,927	127,635	151,185	164,089	168,291	193,633
North Dakota	215,901	164,274	200,168	203,848	254,306	271,676
Vermont	34,386	24,665	25,004	25,964	26,337	26,491
Washington	74,082	60,852	57,143	70,485	74,077	82,560
United States, total	1,312,914	1,022,932	1,209,040	1,287,527	1,431,842	1,534,161

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-17: Incoming Rail Container (Empty) Crossings, U.S.-Canadian Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Alaska	NA	NA	NA	NA	NA	NA
Idaho	7,750	6,338	8,153	9,266	8,799	7,590
Maine	18,833	12,005	13,670	14,816	27,948	26,752
Michigan	239,853	223,346	219,110	235,493	247,419	278,926
Minnesota	74,841	70,969	80,552	91,799	117,189	140,282
Montana	13,446	10,712	10,201	13,414	24,122	22,747
New York	55,514	49,459	45,577	48,654	48,322	44,259
North Dakota	125,778	107,998	122,251	106,968	127,611	109,575
Vermont	10,315	8,792	9,177	8,149	7,303	10,475
Washington	39,337	40,865	84,528	110,290	106,632	111,135
United States, total	585,667	530,484	593,219	638,849	715,345	751,741

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Canada border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.



**Table 3-18: Incoming Truck Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	375,850	343,761	372,719	354,573	377,903	381,568
California	1,178,954	1,026,642	1,088,707	1,110,151	1,144,877	1,143,338
New Mexico	51,235	66,181	87,290	80,620	91,675	92,924
Texas	3,260,213	2,854,881	3,194,209	3,323,032	3,489,468	3,577,037
United States, total	4,866,252	4,291,465	4,742,925	4,868,376	5,103,923	5,194,867

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-19: Incoming Truck Container (Loaded) Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	285,954	264,579	290,773	272,641	286,742	288,249
California	692,801	620,758	677,959	700,750	734,214	740,345
New Mexico	37,427	46,243	56,625	57,813	55,144	67,912
Texas	1,965,632	1,797,123	2,148,778	2,245,799	2,383,492	2,402,516
United States, total	2,981,814	2,728,703	3,174,135	3,277,003	3,459,592	3,499,022

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-20: Incoming Truck Container (Empty) Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	88,289	80,732	84,826	87,021	92,096	91,408
California	481,391	398,773	410,314	408,855	427,693	382,724
New Mexico	12,919	19,819	27,809	22,345	24,228	22,658
Texas	1,279,837	1,050,714	1,012,053	1,002,716	1,079,517	1,035,971
United States, total	1,862,436	1,550,038	1,535,002	1,520,937	1,623,534	1,532,761

**NOTES:** Truck crossings do not represent the number of unique vehicles and include both loaded and unloaded trucks. Crossings do 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 truck entries at U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-21: Incoming Train Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	640	563	602	709	657	866
California	699	506	469	481	467	504
New Mexico	NA	NA	NA	NA	NA	NA
Texas	8,923	6,406	6,596	7,176	7,833	7,971
United States, total	10,262	7,475	7,667	8,366	8,957	9,341

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-22: Incoming Rail Container (Loaded) Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	31,975	26,735	35,862	38,761	37,931	49,481
California	1,654	410	493	675	676	475
New Mexico	NA	NA	NA	NA	NA	NA
Texas	298,949	211,524	281,667	319,752	361,206	392,483
United States, total	332,578	238,669	318,022	359,188	399,813	442,439

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-23: Incoming Rail Container (Empty) Crossings, U.S.-Mexican Border: 2008–2013**

	2008	2009	2010	2011	2012	2013
Arizona	23,582	18,097	18,141	22,471	23,464	33,885
California	11,991	9924	9785	11142	9846	9219
New Mexico	NA	NA	NA	NA	NA	NA
Texas	408,234	307,609	360,119	378,164	394,640	351,783
United States, total	443,807	335,630	388,045	411,777	427,950	394,887

**KEY:** NA = not applicable.

**NOTE:** The states listed in the table comprise all states with rail crossings at the U.S.–Mexico border.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 3-24: Top 50 U.S. Foreign Trade Freight Gateways: 2012**  
(Ranked by value of shipments in billions of dollars)

Gateway <sup>1</sup>	Mode	Rank	Exports	Imports	Total
Los Angeles, CA	Water	1	44.2	172.7	216.9
New York, NY	Water	2	56.2	153.3	209.6
John F. Kennedy International Airport, NY	Air	3	95.0	87.6	182.7
Houston, TX	Water	4	93.0	83.5	176.5
Long Beach, CA	Water	5	34.2	133.1	167.3
Laredo, TX	Land	6	76.6	86.8	163.4
Detroit, MI	Land	7	70.4	60.4	130.9
Chicago, IL	Air	8	37.1	80.3	117.5
Los Angeles International Airport, CA	Air	9	40.4	44.8	85.3
Buffalo-Niagara Falls, NY	Land	10	44.6	38.5	83.1
Port Huron, MI	Land	11	40.3	40.8	81.1
Savannah, GA	Water	12	32.4	42.7	75.2
Miami International Airport, FL	Air	13	43.9	25.0	68.9
Norfolk, VA	Water	14	30.3	35.6	65.9
El Paso, TX	Land	15	29.7	35.9	65.6
Charleston, SC	Water	16	23.4	40.2	63.6
New Orleans, LA	Air	17	25.2	37.9	63.1
Baltimore, MD	Water	18	21.8	32.1	53.9
San Francisco International Airport, CA	Air	19	26.1	23.1	49.2
Dallas-Fort Worth, TX	Air	20	17.9	30.3	48.2
Tacoma, WA	Water	21	9.7	37.6	47.3
Oakland, CA	Water	22	18.8	26.6	45.4
Anchorage, AK	Air	23	9.7	34.7	44.4
New Orleans, LA	Water	24	23.9	17.3	41.2
Cleveland, OH	Air	25	23.9	16.4	40.4
Seattle, WA	Water	26	10.5	27.4	37.8
Atlanta, GA	Air	27	13.0	23.2	36.2
Morgan City, LA	Water	28	1.0	34.3	35.3
Otay Mesa, CA	Land	29	12.3	22.4	34.8
Beaumont, TX	Water	30	6.1	25.8	31.9
Corpus Christi, TX	Water	31	10.8	18.1	28.9
Gramercy, LA	Water	32	17.9	8.8	26.8
Miami, FL	Water	33	11.8	14.7	26.5
Hidalgo, TX	Land	34	10.1	15.6	25.7
Texas City, TX	Water	35	6.9	18.6	25.5
Pembina, ND	Land	36	14.3	10.6	24.9
Nogales, AZ	Land	37	8.9	14.6	23.5
Philadelphia, PA	Water	38	2.6	20.8	23.3
Port Everglades, FL	Water	39	14.0	9.1	23.1
Jacksonville, FL	Water	40	11.7	11.3	23.1
Champlain-Rouses Point, NY	Land	41	9.4	13.0	22.5
Eagle Pass, TX	Land	42	7.8	13.8	21.6
Blaine, WA	Land	43	12.9	7.3	20.2
Lake Charles, LA	Water	44	5.0	14.9	19.9
Santa Teresa, NM	Land	45	8.1	11.8	19.9
Houston Intercontinental Airport, TX	Air	46	9.9	8.4	18.3
Portal, ND	Land	47	12.4	5.6	18.0
Sweetgrass, MT	Land	48	10.0	8.0	17.9
Brunswick, GA	Water	49	4.7	13.1	17.8
San Juan International Airport, PR	Air	50	8.4	9.0	17.4
<b>Total top 50 gateways</b>			<b>1,209.5</b>	<b>1,797.5</b>	<b>3,007.0</b>

<sup>1</sup>Gateway is 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, Chicago, Los Angeles, Miami, New Orleans, Anchorage, and Cleveland.

**SOURCES:** Air-U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Division, USA Trade Online, available at [www.usatradeonline.gov](http://www.usatradeonline.gov) as of November 2013. Land-U.S. Department of Transportation, Bureau of Transportation Statistics, Transborder Freight Data available at [transborder.bts.gov/programs/international/transborder](http://transborder.bts.gov/programs/international/transborder) as of November 2013. Water-U.S. Army Corps of Engineers, Navigation Data Center, personal communication as of November 2013.

# Chapter 4

## Passenger Travel





**Table 4-1: Commuting to Work: 2012**

State	Number of workers	Percent						Mean travel time to work (minutes)
		Car, truck, or van—drove alone	Car, truck, or van—carpooled	Public transportation (excluding taxicab)	Walked	Taxicab, motorcycle, bicycle or other means	Worked at home	
Alabama	1,970,822	85.3	9.5	0.4	1.2	1.0	2.6	24.5
Alaska	356,567	66.2	13.3	1.6	7.4	5.9	5.6	19.6
Arizona	2,721,795	76.7	11.0	2.0	2.0	2.8	5.4	24.6
Arkansas	1,233,150	82.2	11.2	0.5	1.6	1.0	3.5	21.4
California	16,432,358	73.4	11.1	5.2	2.7	2.4	5.3	27.5
Colorado	2,538,793	74.4	9.7	3.2	3.4	2.7	6.6	24.5
Connecticut	1,728,325	78.6	8.2	4.8	3.0	1.3	4.1	24.8
Delaware	421,883	81.5	8.1	2.5	2.3	1.2	4.4	25.8
District of Columbia	326,143	34.1	5.6	38.6	11.9	5.2	4.6	29.9
Florida	8,161,313	79.3	9.7	2.2	1.6	2.3	5.0	26.2
Georgia	4,213,128	79.6	10.4	2.0	1.7	1.5	4.8	26.9
Hawaii	670,355	65.2	15.3	6.7	4.7	3.6	4.4	26.0
Idaho	697,765	77.8	10.1	0.8	2.9	2.5	5.9	20.2
Illinois	5,927,604	73.6	8.9	8.5	3.1	1.7	4.1	28.0
Indiana	2,954,205	82.4	9.4	1.1	2.2	1.6	3.3	23.5
Iowa	1,530,289	79.9	9.0	1.1	3.6	1.6	4.7	18.8
Kansas	1,388,601	82.2	9.7	0.6	2.2	1.2	4.1	19.0
Kentucky	1,845,659	82.7	9.8	1.0	2.3	1.1	3.1	22.9
Louisiana	1,965,689	82.5	9.9	1.2	1.9	2.1	2.4	25.2
Maine	631,826	76.9	11.0	0.6	4.3	1.9	5.3	23.5
Maryland	2,909,794	73.4	9.8	8.9	2.5	1.2	4.2	31.9
Massachusetts	3,273,690	71.9	7.8	9.4	4.9	1.7	4.2	28.3
Michigan	4,190,898	82.5	9.0	1.3	2.2	1.3	3.7	24.0
Minnesota	2,737,424	78.0	8.9	3.3	2.8	1.6	5.3	22.9
Mississippi	1,178,427	83.5	10.7	0.4	1.7	1.3	2.4	24.0
Missouri	2,734,275	81.3	9.7	1.3	1.9	1.4	4.4	23.1
Montana	475,299	74.4	10.7	1.0	4.8	2.6	6.5	18.4
Nebraska	946,684	80.2	10.0	0.6	2.8	1.4	4.9	18.2
Nevada	1,216,345	78.0	10.9	3.6	2.3	2.1	3.1	24.0
New Hampshire	677,232	81.9	7.2	0.7	3.1	1.2	5.8	26.3
New Jersey	4,113,910	72.0	8.3	10.6	3.0	2.0	4.1	30.7
New Mexico	865,474	78.9	11.3	1.1	2.3	1.8	4.5	21.4
New York	8,916,499	53.7	6.9	27.3	6.4	1.9	3.9	31.8
North Carolina	4,263,889	80.6	10.5	1.1	1.9	1.3	4.5	23.7
North Dakota	376,246	79.5	9.7	0.4	3.8	1.0	5.6	17.4
Ohio	5,183,203	83.3	8.1	1.6	2.4	1.2	3.4	23.2
Oklahoma	1,682,277	82.3	10.4	0.4	2.0	1.5	3.3	21.1
Oregon	1,700,679	71.2	10.4	4.1	4.6	3.5	6.2	22.7
Pennsylvania	5,810,858	76.5	8.9	5.4	3.8	1.4	3.9	26.1
Rhode Island	503,788	78.8	8.9	3.1	3.6	1.9	3.6	24.4
South Carolina	1,999,706	82.9	9.3	0.5	2.2	1.7	3.4	23.5
South Dakota	421,018	78.7	9.1	0.5	3.9	1.9	5.8	16.7
Tennessee	2,777,627	83.6	9.4	0.8	1.3	1.2	3.7	24.4
Texas	11,608,001	80.1	11.0	1.6	1.6	1.7	3.9	25.3
Utah	1,296,763	75.7	12.2	2.5	2.6	2.3	4.8	22.0
Vermont	318,829	73.5	10.2	1.2	6.1	1.7	7.3	23.1
Virginia	3,967,188	77.3	9.9	4.4	2.2	1.4	4.7	27.9
Washington	3,181,100	72.2	10.7	5.8	3.6	2.2	5.5	26.0
West Virginia	733,687	81.7	10.6	0.7	3.2	1.0	2.9	25.2
Wisconsin	2,799,940	80.2	8.9	1.8	3.3	1.9	3.9	21.8
Wyoming	285,940	75.7	11.6	1.5	3.2	2.4	5.5	18.1
United States, total	140,862,960	76.3	9.7	5.0	2.8	1.8	4.4	25.7

**NOTES:** Data for workers age 16 years and over based on state of residence.

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, 2012 American Community Survey 1-Year Estimates, available at [www.census.gov/acs](http://www.census.gov/acs) as of May 2014.

**Table 4-2: Licensed Drivers: 2012**

State	Number of licensed drivers <sup>1</sup>	Licensed drivers per registered vehicle	Resident population	Driving age population (16 and over)	Drivers per 1,000 total resident population	Drivers per 1,000 driving age population
Alabama	3,827,522	0.82	4,822,023	3,826,250	794	1,000
Alaska	526,371	0.72	731,449	564,702	720	932
Arizona	4,697,579	0.95	6,553,255	5,111,887	717	919
Arkansas	2,199,164	0.94	2,949,131	2,315,932	746	950
California	24,200,997	0.92	38,041,430	29,887,391	636	810
Colorado	3,807,673	0.88	5,187,582	4,088,349	734	931
Connecticut	2,485,708	0.96	3,590,347	2,895,194	692	859
Delaware	720,290	0.80	917,092	735,489	785	979
District of Columbia	400,993	1.34	632,323	533,859	634	751
Florida	13,896,581	0.93	19,317,568	15,786,188	719	880
Georgia	6,581,534	0.90	9,919,945	7,704,060	663	854
Hawaii	915,033	0.78	1,392,313	1,122,168	657	815
Idaho	1,092,977	0.70	1,595,728	1,215,112	685	899
Illinois	8,235,745	0.85	12,875,255	10,170,525	640	810
Indiana	5,375,973	0.94	6,537,334	5,127,883	822	1,048
Iowa	2,217,304	0.67	3,074,186	2,432,450	721	912
Kansas	2,018,029	0.87	2,885,905	2,240,694	699	901
Kentucky	2,985,234	0.85	4,380,415	3,474,891	681	859
Louisiana	2,923,744	0.78	4,601,893	3,605,874	635	811
Maine	1,008,190	0.91	1,329,192	1,096,292	758	920
Maryland	4,102,154	1.08	5,884,563	4,696,980	697	873
Massachusetts	4,733,936	0.99	6,646,144	5,415,554	712	874
Michigan	7,018,713	0.94	9,883,360	7,893,685	710	889
Minnesota	3,321,760	0.69	5,379,139	4,246,454	618	782
Mississippi	1,957,980	0.98	2,984,926	2,322,911	656	843
Missouri	4,288,488	0.79	6,021,988	4,778,391	712	897
Montana	757,812	0.58	1,005,141	808,520	754	937
Nebraska	1,363,596	0.76	1,855,525	1,441,891	735	946
Nevada	1,728,060	0.85	2,758,931	2,170,537	626	796
New Hampshire <sup>2</sup>	1,064,604	0.88	1,320,718	1,081,545	806	984
New Jersey	6,039,623	0.81	8,864,590	7,079,358	681	853
New Mexico	1,430,475	0.84	2,085,538	1,627,856	686	879
New York <sup>2</sup>	11,248,617	1.13	19,570,261	15,816,841	575	711
North Carolina	6,677,693	0.89	9,752,073	7,716,549	685	865
North Dakota	502,807	0.66	699,628	561,713	719	895
Ohio	8,006,183	0.83	11,544,225	9,194,561	694	871
Oklahoma	2,400,358	0.73	3,814,820	2,978,207	629	806
Oregon	2,769,757	0.81	3,899,353	3,137,292	710	883
Pennsylvania	8,842,587	0.89	12,763,536	10,356,706	693	854
Rhode Island	749,706	0.93	1,050,292	860,659	714	871
South Carolina	3,455,931	0.93	4,723,723	3,762,790	732	918
South Dakota	606,779	0.67	833,354	651,297	728	932
Tennessee	4,573,871	0.89	6,456,243	5,131,683	708	891
Texas	15,252,192	0.79	26,059,203	19,825,822	585	769
Utah	1,788,822	0.95	2,855,287	2,055,649	626	870
Vermont	529,501	0.93	626,011	517,799	846	1,023
Virginia	5,538,480	0.81	8,185,867	6,537,791	677	847
Washington	5,227,889	0.94	6,897,012	5,489,673	758	952
West Virginia	1,241,586	0.91	1,855,413	1,515,885	669	819
Wisconsin	4,056,649	0.84	5,726,398	4,560,760	708	889
Wyoming	421,580	0.56	576,412	455,379	731	926
United States, total	211,814,830	0.88	313,914,040	248,625,928	675	852

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

<sup>2</sup>State did not provide current data, estimated by FHWA.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, DL-1C, available at [www.fhwa.dot.gov/policyin-formation/statistics.cfm](http://www.fhwa.dot.gov/policyin-formation/statistics.cfm) as of June 2014.

**Table 4-3: Transit Ridership in the 50 Largest Urbanized Areas: 2011 and 2012**

Urbanized area	Population (2010)	Rank by population	Annual unlinked passenger trips (thousands)		Percent in 2012					Percent in 2011				
			2012	2011	Motor bus	Heavy rail	Light rail	Commuter rail	Other	Motor bus	Heavy rail	Light rail	Commuter rail	Other
			New York-Newark, NY-NJ-CT	18,351,295	1	4,178,127	4,114,454	28.8	63.6	0.5	6.2	0.9	29.0	63.3
Los Angeles-Long Beach-Anaheim, CA	12,150,996	2	679,932	665,112	80.1	7.2	8.9	2.1	1.8	81.9	7.1	7.6	1.8	1.7
Chicago, IL-IN	8,608,208	3	664,108	646,581	52.4	34.8	0.0	11.7	1.1	52.9	34.3	0.0	11.8	1.0
Miami, FL	5,502,379	4	168,182	163,265	78.3	11.4	0.0	2.4	7.8	78.4	11.2	0.0	2.4	8.0
Philadelphia, PA-NJ-DE-MD	5,441,567	5	371,544	358,607	50.2	29.7	7.8	9.9	2.4	48.2	30.4	9.1	9.9	2.4
Dallas-Fort Worth-Arlington, TX	5,121,892	6	80,607	76,573	57.6	0.0	35.4	2.7	4.2	57.0	0.0	35.3	3.1	4.6
Houston, TX	4,944,332	7	82,223	81,928	80.9	0.0	13.8	0.0	5.2	81.7	0.0	13.2	0.0	5.1
Washington, DC-VA-MD	4,586,770	8	479,674	484,616	40.3	58.2	0.0	1.0	0.5	39.1	59.3	0.0	1.0	0.6
Atlanta, GA	4,515,419	9	139,959	146,445	48.3	50.4	0.0	0.0	1.3	48.0	50.7	0.0	0.0	1.3
Boston, MA-NH-RI	4,181,019	10	408,893	398,410	30.3	40.7	18.3	8.8	1.9	30.3	40.3	18.4	9.1	1.9
Detroit, MI	3,734,090	11	46,479	49,590	90.5	0.0	0.0	0.0	9.5	91.2	0.0	0.0	0.0	8.8
Phoenix-Mesa, AZ	3,629,114	12	75,431	71,772	78.6	0.0	18.6	0.0	2.8	78.9	0.0	18.3	0.0	2.7
San Francisco-Oakland, CA	3,281,212	13	440,217	427,156	39.0	28.0	11.8	3.1	18.1	39.8	26.8	11.9	2.9	18.6
Seattle, WA	3,059,393	14	196,621	192,558	67.3	0.0	5.3	1.4	25.9	66.6	0.0	4.9	1.3	27.2
San Diego, CA	2,956,746	15	102,031	101,886	62.6	0.0	33.0	1.6	2.8	60.9	0.0	34.5	1.5	3.1
Minneapolis-St. Paul, MN-WI	2,650,890	16	94,674	94,537	85.8	0.0	11.1	0.7	2.4	86.1	0.0	11.0	0.7	2.2
Tampa-St. Petersburg, FL	2,441,770	17	30,511	29,368	96.6	0.0	1.0	0.0	2.4	96.9	0.0	1.3	0.0	1.8
Denver-Aurora, CO	2,374,203	18	98,716	98,109	77.7	0.0	20.9	0.0	1.4	77.6	0.0	21.1	0.0	1.3
Baltimore, MD	2,203,663	19	107,991	118,222	67.6	14.3	8.2	8.1	1.9	71.6	12.6	7.3	7.0	1.4
St. Louis, MO-IL	2,150,706	20	50,287	47,461	64.1	0.0	34.1	0.0	1.9	63.2	0.0	34.8	0.0	2.0
Riverside-San Bernardino, CA	1,932,666	21	25,566	24,482	95.9	0.0	0.0	0.0	4.1	95.7	0.0	0.0	0.0	4.3
Las Vegas-Henderson, NV	1,886,011	22	65,867	59,080	91.7	0.0	0.0	0.0	8.3	97.8	0.0	0.0	0.0	2.2
Portland, OR-WA	1,849,898	23	113,365	113,356	59.1	0.0	39.7	0.0	1.2	58.0	0.0	40.5	0.4	1.2
Cleveland, OH	1,780,673	24	49,115	46,963	79.5	12.7	5.8	0.0	2.0	80.3	12.1	5.8	0.0	1.7
San Antonio, TX	1,758,210	25	47,508	46,147	96.9	0.0	0.0	0.0	3.1	97.0	0.0	0.0	0.0	3.0
Pittsburgh, PA	1,733,853	26	67,410	65,354	83.5	0.0	11.5	0.0	5.0	84.8	0.0	10.3	0.0	4.9
Sacramento, CA	1,723,634	27	31,087	31,359	54.7	0.0	43.7	0.0	1.6	57.1	0.0	40.9	0.0	2.0
San Jose, CA	1,664,496	28	43,741	43,170	74.3	0.0	24.0	0.0	1.7	74.5	0.0	23.7	0.0	1.9
Cincinnati, OH-KY-IN	1,624,827	29	21,445	20,678	98.2	0.0	0.0	0.0	1.8	98.0	0.0	0.0	0.0	2.0
Kansas City, MO-KS	1,519,417	30	17,189	16,792	96.3	0.0	0.0	0.0	3.7	96.2	0.0	0.0	0.0	3.8
Orlando, FL	1,510,516	31	29,531	28,488	96.5	0.0	0.0	0.0	3.5	96.3	0.0	0.0	0.0	3.7
Indianapolis, IN	1,487,483	32	10,243	9,511	97.4	0.0	0.0	0.0	2.6	97.3	0.0	0.0	0.0	2.7
Virginia Beach, VA	1,439,666	33	18,839	17,445	86.5	0.0	8.8	0.0	4.7	91.3	0.0	3.7	0.0	5.0
Milwaukee, WI	1,376,476	34	47,497	47,337	98.4	0.0	0.0	0.0	1.6	97.7	0.0	0.0	0.0	2.3
Columbus, OH	1,368,035	35	18,692	19,023	98.6	0.0	0.0	0.0	1.4	98.6	0.0	0.0	0.0	1.4
Austin, TX	1,362,416	36	36,275	34,000	96.1	0.0	1.6	0.0	2.3	96.1	0.0	0.0	1.4	2.5
Charlotte, NC-SC	1,249,442	37	28,610	27,753	80.9	0.0	17.4	0.0	1.7	81.0	0.0	17.3	0.0	1.7
Providence, RI-MA	1,190,956	38	21,349	20,215	95.6	0.0	0.0	0.0	4.4	95.6	0.0	0.0	0.0	4.4
Jacksonville, FL	1,065,219	39	12,549	12,936	89.4	0.0	0.0	0.0	10.6	93.2	0.0	0.0	0.0	6.8
Memphis, TN-MS-AR	1,060,061	40	10,267	10,028	83.0	0.0	14.5	0.0	2.4	86.0	0.0	11.5	0.0	2.4
Salt Lake City-West Valley City, UT	1,021,243	41	42,347	41,558	49.7	0.0	41.4	4.4	4.4	54.4	0.0	36.8	3.9	4.8
Louisville/Jefferson County, KY-IN	972,546	42	17,162	14,665	96.0	0.0	0.0	0.0	4.0	97.0	0.0	0.0	0.0	3.0
Nashville-Davidson, TN	969,587	43	10,500	9,829	91.3	0.0	0.0	2.5	6.2	90.8	0.0	0.0	2.9	6.3
Richmond, VA	953,556	44	9,458	10,118	92.7	0.0	0.0	0.0	7.3	93.5	0.0	0.0	0.0	6.5
Buffalo, NY	935,906	45	29,937	30,533	77.8	0.0	21.6	0.0	0.6	76.6	0.0	22.8	0.0	0.5
Hartford, CT	924,859	46	17,724	17,334	90.4	0.0	0.0	3.5	6.1	89.8	0.0	0.0	3.5	6.6
Bridgeport-Stamford, CT-NY	923,311	47	12,115	11,567	97.2	0.0	0.0	0.0	2.8	96.8	0.0	0.0	0.0	3.2
New Orleans, LA	899,703	48	27,349	19,929	64.0	0.0	26.4	0.0	9.5	54.5	0.0	33.1	0.0	12.4
Raleigh, NC	884,891	49	6,929	9,364	93.7	0.0	0.0	0.0	6.3	94.3	0.0	0.0	0.0	5.7
Oklahoma City, OK	861,505	50	2,943	2,798	97.8	0.0	0.0	0.0	2.2	97.9	0.0	0.0	0.0	2.1
Top 50 urbanized area, total	141,816,726		9,388,820	9,228,463	46.9	39.7	5.5	5.0	3.0	47.1	39.6	5.4	5.0	2.9
United States, urbanized area total <sup>1</sup>	209,569,050		10,214,018	10,061,905	50.7	36.5	5.0	4.6	3.2	51.0	36.3	4.9	4.6	3.2
Top 50 as percent of U.S. total	67.7		91.9	91.7	85.0	100.0	99.9	99.4	85.5	84.7	100.0	100.0	99.4	85.5

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

**NOTES:** Data for 2011 are revised. 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). Beginning in 2012, data include estimated industry totals for agencies with a Small Systems Waiver in place and Rural reporters. Details may not add to totals due to rounding. Other includes autoatated guideway, cable car, demand response, ferry boat, inclined plane, monorail, trolley bus, and van pool.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, Monthly Database, available at [www.ntdprogram.gov](http://www.ntdprogram.gov) as of July 2014.



**Table 4-4: Urban Transit Ridership by State and Transit Mode: 2012**

State	Number of agencies reporting	Annual unlinked passenger trips (thousands)	Percent				
			Motor bus	Heavy rail	Light rail	Commuter rail	Other
Alabama	14	6,931	83.3	0.0	0.0	0.0	16.7
Alaska	4	5,147	87.8	0.0	0.0	2.8	9.4
Arizona	18	95,084	82.8	0.0	14.3	0.0	2.9
Arkansas	7	5,836	95.4	0.0	1.8	0.0	2.8
California	102	1,411,218	67.3	11.8	11.6	2.0	7.2
Colorado	10	106,954	78.8	0.0	19.3	0.0	1.9
Connecticut	17	44,861	94.5	0.0	0.0	1.4	4.1
Delaware	1	11,594	91.4	0.0	0.0	0.0	8.6
District of Columbia	2	424,185	32.2	67.3	0.0	0.0	0.5
Florida	34	277,696	85.0	6.7	0.1	1.4	6.7
Georgia	20	166,501	54.6	43.7	0.0	0.0	1.7
Hawaii	1	77,277	98.7	0.0	0.0	0.0	1.3
Idaho	6	3,015	88.6	0.0	0.0	0.0	11.4
Illinois	17	689,118	54.5	33.5	0.0	10.8	1.2
Indiana	24	34,133	86.1	0.0	0.0	10.7	3.2
Iowa	12	22,552	95.8	0.0	0.0	0.0	4.2
Kansas	6	7,185	90.9	0.0	0.0	0.0	9.1
Kentucky	8	26,979	96.7	0.0	0.0	0.0	3.3
Louisiana	15	40,428	72.5	0.0	17.9	0.0	9.6
Maine	10	5,588	60.9	0.0	0.0	9.5	29.7
Maryland	14	149,395	76.3	10.2	5.9	5.7	1.9
Massachusetts	16	431,006	33.3	38.7	17.4	8.4	2.2
Michigan	23	101,138	92.2	0.0	0.0	0.0	7.8
Minnesota	8	102,112	86.6	0.0	10.3	0.7	2.4
Mississippi	3	1,868	85.2	0.0	0.0	0.0	14.8
Missouri	9	68,439	73.1	0.0	24.8	0.0	2.0
Montana	4	2,499	95.8	0.0	0.0	0.0	4.2
Nebraska	3	6,468	96.3	0.0	0.0	0.0	3.7
Nevada	4	73,621	92.2	0.0	0.0	0.0	7.8
New Hampshire	6	3,187	98.1	0.0	0.0	0.0	1.9
New Jersey	33	403,195	49.8	22.4	5.4	20.2	2.2
New Mexico	5	16,217	90.4	0.0	0.0	7.3	2.2
New York	47	3,878,721	27.9	66.4	0.2	4.6	0.8
North Carolina	27	71,441	88.4	0.0	6.8	0.0	4.8
North Dakota	3	2,395	88.4	0.0	0.0	0.0	11.6
Ohio	30	112,661	86.8	5.5	2.5	0.0	5.1
Oklahoma	5	7,634	96.2	0.0	0.0	0.0	3.8
Oregon	12	126,653	61.6	0.0	36.6	0.0	1.8
Pennsylvania	27	469,410	59.9	21.9	7.1	8.0	3.1
Rhode Island	1	20,469	96.5	0.0	0.0	0.0	3.5
South Carolina	12	11,590	93.9	0.0	0.0	0.0	6.1
South Dakota	2	1,590	85.3	0.0	0.0	0.0	14.7
Tennessee	15	30,053	88.3	0.0	4.6	0.9	6.2
Texas	44	291,642	81.2	0.0	13.5	0.9	4.4
Utah	3	44,937	52.8	0.0	38.7	4.2	4.2
Vermont	1	2,755	98.0	0.0	0.0	0.0	2.0
Virginia	22	75,036	88.9	0.0	1.8	6.3	3.0
Washington	23	240,279	71.0	0.0	4.4	1.2	23.5
West Virginia	8	8,294	70.8	0.0	0.0	0.0	29.2
Wisconsin	21	73,972	97.4	0.0	0.1	0.0	2.5
Wyoming	2	488	83.7	0.0	0.0	0.0	16.3
United States, total <sup>1</sup>	761	10,291,444	51.0	36.3	4.9	4.6	3.2

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

**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). Beginning in 2012, data include estimated industry totals for agencies with a Small Systems Waiver in place and Rural reporters. Data are assigned to the state of a transit agency's mailing address. Details may not add to totals due to rounding. Light rail includes light rail, street car, and hybrid rail modes. Motorbus includes motorbus, commuter bus, and bus rapid transit. Other includes automated guideway, cable car, demand response, ferry boat, inclined plane, monorail, trolley bus, and van pool.

**SOURCE:** U.S. Department of Transportation, Federal Transit Administration, National Transit Database, table 19, available at [www.ntdprogram.gov](http://www.ntdprogram.gov) as of July 2014.

**Table 4-5: Top 50 Amtrak Stations by Number of Passengers<sup>1</sup>: Fiscal Years 2012 and 2013**

Station	Fiscal Year 2012		Fiscal Year 2013	
	Rank	Number of passengers	Rank	Number of passengers
New York City (Penn Station), NY	1	9,493,414	1	9,556,424
Washington, DC	2	5,013,991	2	5,033,392
Philadelphia 30th St., PA	3	4,068,540	3	4,125,503
Chicago, IL	4	3,483,313	4	3,522,388
Los Angeles, CA	5	1,657,446	5	1,643,706
Boston-South Station, MA	6	1,447,501	6	1,434,148
Sacramento, CA	7	1,186,958	7	1,132,750
Baltimore, MD	8	1,028,909	8	1,065,576
Albany-Rensselaer, NY	9	769,413	9	764,898
New Haven, CT	10	755,669	10	745,530
Wilmington, DE	11	737,846	11	738,313
BWI Thurgood Marshall Airport, MD	13	703,604	12	710,513
San Diego, CA	12	708,934	13	686,953
Providence, RI	16	669,576	14	660,267
Newark, NJ	14	680,803	15	656,822
Portland, OR	17	668,823	16	652,455
Seattle, WA	15	672,351	17	640,054
Milwaukee, WI	18	632,078	18	617,153
Emeryville, CA	19	586,876	19	598,859
Lancaster, PA	21	559,364	20	578,731
Harrisburg, PA	20	571,217	21	571,940
Bakersfield, CA	23	507,058	22	546,439
Boston-Back Bay, MA	22	528,040	23	540,770
Boston-North Station, MA	25	473,912	24	475,447
Martinez, CA	24	475,909	25	473,836
Solana Beach, CA	29	421,614	26	428,841
Route 128 (Boston), MA	27	444,058	27	426,032
Trenton, NJ	30	419,446	28	425,075
Irvine, CA	28	421,619	29	425,041
Davis, CA	26	445,416	30	424,114
Oakland, CA	31	416,800	31	405,627
Fresno, CA	32	394,074	32	399,141
Stamford, CT	34	393,703	33	388,733
Oceanside, CA	38	344,562	34	384,786
Metropark, NJ	33	393,713	35	383,353
St. Louis, MO	36	353,696	36	378,146
Richmond - Staples Mill, VA	37	345,657	37	372,592
Anaheim, CA	35	358,810	38	342,284
Santa Barbara, CA	40	304,382	39	322,410
Fullerton, CA	39	310,694	40	313,949
Stockton (San Joaquin St.), CA	42	277,926	41	295,344
Richmond, CA	41	281,999	42	266,237
Sanford (Auto Train Station), FL	43	264,096	43	265,274
Lorton (Auto Train), VA	44	264,096	44	265,274
Bloomington/Normal, IL	46	239,981	45	263,235
San Jose, CA	47	234,767	46	258,776
San Juan Capistrano, CA	45	244,992	47	242,722
Hanford, CA	50	210,682	48	225,708
New Orleans, LA	48	222,828	49	212,426
Santa Ana, CA	51	201,842	50	202,919
Top 50 stations, total		46,305,869		46,490,906
United States, all stations		62,183,278		62,841,752
Top 50 stations as percent of U.S. total		74.5		74.0

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

**NOTES:** Amtrak's fiscal year ends on September 30. Ranking is based on the 2013 data. The total for the top 50 stations in 2012 is not the sum of stations in this table since some of the 2012 top 50 stations are not in the top 50 list in 2013.

**SOURCE:** National Passenger Railroad Corporation (Amtrak) available at <http://www.amtrak.com/servlet/ContentServer?c=Page&pagina me=am%2FLayout&cid=1246041980432> as of July 2014.

**Table 4-6: Top 50 Airports by Passengers Enplaned on Large U.S. Carriers: 2003, 2012, 2013**

Airport	Rank in 2013	Number of enplanements		
		2003	2012	2013
Atlanta, GA: Hartsfield-Jackson Atlanta International	1	38,256,038	45,192,870	44,675,318
Chicago, IL: Chicago O'Hare International	2	30,835,241	29,983,544	29,991,861
Dallas/Fort Worth, TX: Dallas/Fort Worth International	3	24,724,519	27,555,896	28,490,680
Los Angeles, CA: Los Angeles International	4	20,939,293	24,982,954	25,859,720
Denver, CO: Denver International	5	17,744,834	25,511,455	25,184,634
Charlotte, NC: Charlotte Douglas International	6	11,414,356	19,928,299	21,241,869
Phoenix, AZ: Phoenix Sky Harbor International	7	18,030,517	19,221,241	19,156,669
San Francisco, CA: San Francisco International	8	12,231,791	18,567,216	18,853,113
Las Vegas, NV: McCarran International	9	16,898,813	18,467,290	18,478,443
Houston, TX: George Bush Intercontinental/Houston	10	15,602,910	18,155,248	17,945,713
New York, NY: John F. Kennedy International	11	10,821,004	17,107,144	17,038,558
Minneapolis, MN: Minneapolis-St Paul International	12	16,047,432	15,892,286	16,200,585
Seattle, WA: Seattle/Tacoma International	13	12,799,019	15,460,449	15,979,235
Newark, NJ: Newark Liberty International	14	13,154,602	15,370,482	15,879,280
Detroit, MI: Detroit Metro Wayne County	15	15,603,940	15,424,226	15,507,719
Miami, FL: Miami International	16	11,288,952	15,316,047	15,442,379
Orlando, FL: Orlando International	17	12,579,440	15,594,968	15,278,563
Philadelphia, PA: Philadelphia International	18	11,511,273	14,362,474	14,508,851
Boston, MA: Logan International	19	9,897,699	12,857,791	13,257,377
New York, NY: LaGuardia	20	11,049,194	12,313,701	12,820,980
Baltimore, MD: Baltimore/Washington International Thurgood Marshall	21	9,548,075	11,096,463	11,040,584
Fort Lauderdale, FL: Fort Lauderdale-Hollywood International	22	8,276,957	10,644,055	10,693,964
Washington, DC: Ronald Reagan Washington National	23	6,733,062	9,359,654	9,748,489
Chicago, IL: Chicago Midway International	24	8,680,635	9,264,895	9,726,539
Salt Lake City, UT: Salt Lake City International	25	8,932,998	9,579,427	9,666,707
Washington, DC: Washington Dulles International	26	6,956,596	9,137,164	8,740,074
San Diego, CA: San Diego International	27	7,466,727	8,479,221	8,662,314
Honolulu, HI: Honolulu International	28	7,658,719	7,961,154	8,133,908
Tampa, FL: Tampa International	29	7,475,654	8,005,320	8,036,590
Portland, OR: Portland International	30	5,963,210	7,076,710	7,400,962
St. Louis, MO: Lambert-St. Louis International	31	9,931,995	6,178,781	6,193,661
Houston, TX: William P Hobby	32	3,703,830	5,040,709	5,371,817
Nashville, TN: Nashville International	33	3,927,389	4,777,315	5,022,776
Austin, TX: Austin - Bergstrom International	34	3,165,554	4,605,401	4,898,870
Kansas City, MO: Kansas City International	35	4,825,282	4,856,267	4,820,946
Oakland, CA: Metropolitan Oakland International	36	6,520,138	4,851,495	4,691,477
New Orleans, LA: Louis Armstrong New Orleans International	37	4,589,037	4,273,944	4,554,142
Raleigh/Durham, NC: Raleigh-Durham International	38	3,885,536	4,458,715	4,448,084
Santa Ana, CA: John Wayne Airport-Orange County	39	4,265,963	4,300,976	4,424,742
Cleveland, OH: Cleveland-Hopkins International	40	4,989,325	4,327,344	4,355,799
San Jose, CA: Norman Y. Mineta San Jose International	41	5,041,304	4,028,860	4,235,626
Sacramento, CA: Sacramento International	42	4,367,111	4,326,178	4,202,425
Dallas, TX: Dallas Love Field	43	2,796,140	3,900,854	4,019,516
San Juan, PR: Luis Munoz Marin International	44	4,619,347	4,073,344	4,000,152
San Antonio, TX: San Antonio International	45	3,066,242	3,863,661	3,825,514
Pittsburgh, PA: Pittsburgh International	46	7,035,578	3,868,672	3,786,310
Fort Myers, FL: Southwest Florida International	47	2,815,861	3,507,186	3,637,929
Indianapolis, IN: Indianapolis International	48	3,662,734	3,570,149	3,516,983
Milwaukee, WI: General Mitchell International	49	3,083,674	3,698,097	3,203,224
Columbus, OH: Port Columbus International	50	3,033,475	3,087,239	3,043,317
Top 50 airports, total <sup>1</sup>		508,661,314	573,729,606	579,894,988
United States, all airports		619,998,949	692,369,957	696,859,530
Top 50 as percent of all enplanements		82.0	82.9	83.2

<sup>1</sup>The total for the top 50 airports will not sum from the individual airports because some top 50 airports in 2012 were not in the top 50 in the earlier years.

**NOTES:** Data for 2012 are revised. Rank order by total enplaned passengers on large certificated U.S. air carriers (majors, nationals, large regionals, and medium regionals), scheduled and nonscheduled operations, at all airports served within the 50 states, the District of Columbia, and other U.S. areas designated by the Federal Aviation Administration. Large certificated air carriers hold Certificates of Public Convenience and Necessity issued by the U.S. Department of Transportation authorizing the performance of air transportation. Large certificated air carriers operate at least one aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds. Data for commuter, small-certificated and foreign-flag air carriers are not included.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, TranStats Database, T3: U.S. Air Carrier Airport Activity Statistics, available at [www.transtats.bts.gov](http://www.transtats.bts.gov) as of July 2014.

**Table 4-7: Major Airports by On-Time Arrival Performance: 2012 and 2013**  
(Percent on-time)

Airport	2012		2013	
	Rank	On-time percentage	Rank	On-time percentage
Salt Lake City, UT (SLC)	1	88.6	1	85.0
Phoenix, AZ (PHX)	3	86.5	2	83.8
Minneapolis/St. Paul, MN (MSP)	2	87.2	4	83.2
Seattle, WA (SEA)	5	85.0	3	83.4
Charlotte, NC (CLT)	4	86.2	9	80.7
Detroit, MI (DTW)	6	84.9	5	82.9
Miami, FL (MIA)	21	80.5	6	82.0
Portland, OR (PDX)	8	84.6	7	82.0
Atlanta, GA (ATL)	7	84.7	8	80.9
Chicago, IL (MDW)	9	84.5	21	77.2
Las Vegas, NV (LAS)	10	84.5	10	80.4
Houston, TX (IAH)	24	80.0	11	79.8
Denver, CO (DEN)	11	83.2	22	76.8
Los Angeles, CA (LAX)	17	81.1	12	79.6
Tampa, FL (TPA)	12	82.8	16	78.8
Baltimore, MD (BWI)	16	81.6	13	79.4
Orlando, FL (MCO)	13	82.6	14	79.4
Dallas/Fort Worth, TX (DFW)	14	82.3	19	78.2
San Diego, CA (SAN)	15	82.1	15	79.1
Washington, DC (DCA)	23	80.2	17	78.7
Boston, MA (BOS)	19	80.9	18	78.3
Philadelphia, PA (PHL)	18	81.1	23	76.0
Washington, DC (IAD)	26	79.2	20	77.5
Fort Lauderdale, FL (FLL)	20	80.8	24	75.3
New York, NY (JFK)	22	80.5	25	75.0
Chicago, IL (ORD)	25	79.6	26	73.5
San Francisco, CA (SFO)	28	70.0	27	72.7
New York, NY (LGA)	27	76.8	28	72.2
Newark, NJ (EWR)	29	69.4	29	70.4
At all U.S. airports		81.9		78.3

**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 2013 the reporting carriers were AirTran Airways, Alaska Airlines, American Airlines, American Eagle Airlines, Delta Airlines, Endeavor Air, ExpressJet Airlines, Frontier Airlines, Hawaiian Airlines, JetBlue Airways, Mesa Airlines, SkyWest Airlines, Southwest Airlines, United Airlines, US Airways, and Virgin America. 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. Effective January 2012, data of the merged operations of United Airlines and Continental Airlines are combined. Effective January 2012, data of the merged operations of ExpressJet Airlines and Atlantic Southeast Airlines are combined.

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, Airline On-time Tables, available at [www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/subject\\_areas/airline\\_information/airline\\_ontime\\_tables/index.html](http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/subject_areas/airline_information/airline_ontime_tables/index.html) as of July 2014.

**Table 4-8: Top 15 Cruise Ship Ports by Port of Departure: 2010 and 2011**

Port	2010			2011		
	Rank	Passengers (thousands)	Cruises	Rank	Passengers (thousands)	Cruises
Miami, FL	1	2,151	779	1	1,970	731
Fort Lauderdale, FL	2	1,759	649	2	1,826	611
Port Canaveral, FL	3	1,299	448	3	1,496	485
New York, NY	4	562	219	4	612	242
San Juan, PR	5	522	227	5	522	222
Galveston, TX	7	440	152	6	462	149
Tampa, FL	8	425	192	7	458	199
Seattle, WA	6	469	217	8	439	183
Long Beach, CA	9	414	150	9	405	144
New Orleans, LA	11	261	89	10	373	136
Los Angeles, CA	10	378	140	11	311	130
Baltimore, MD	13	215	90	12	254	104
Cape Liberty, NJ	14	198	67	13	217	73
Jacksonville, FL	16	172	71	14	190	77
Charleston, SC	18	117	49	15	165	68
All other ports <sup>1</sup>		(R)700	(R)348		(R)706	(R)390
Top 15 ports, total <sup>1</sup>		9,516	3,618		9,702	3,554
Total U.S. ports		(R)10,216	(R)3,966		(R)10,409	(R)3,944
Top 15 as percent of total <sup>1</sup>		93.2	(R)91.2		(R)93.2	(R)90.1

<sup>1</sup>Data for 2010 are based on the 2010 rankings for ports listed and may not appear in the 2011 rankings.

**KEY:** R = revised.

**NOTES:** Cruise passenger statistics for this table are based on the passenger data provided by 20 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 Summary Tables, available at [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 June 2013.

**Table 4-9: Incoming Personal Vehicle Crossings, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	91,950	97,832	97,879	92,911	91,014	90,780
Idaho	263,545	244,118	262,244	286,310	270,114	278,175
Maine	3,109,259	2,747,309	3,051,111	3,194,976	3,208,951	3,098,861
Michigan	7,306,627	6,439,995	6,565,627	6,966,265	7,133,003	7,170,429
Minnesota	1,085,183	1,036,727	1,192,351	1,284,589	1,287,040	1,259,588
Montana	526,658	555,911	659,358	696,532	737,724	763,866
New York	8,747,649	8,253,468	8,581,980	9,072,685	9,386,897	9,175,000
North Dakota	747,585	638,750	761,960	760,514	853,493	846,334
Vermont	1,407,125	1,249,939	1,334,432	1,447,109	1,532,179	1,563,982
Washington	5,401,205	5,442,781	6,377,325	7,793,878	8,583,221	9,586,373
United States, total	28,686,786	26,706,830	28,884,267	31,595,769	33,083,636	33,833,388

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-10: Incoming Passengers in Personal Vehicles, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	190,112	205,504	207,433	213,009	229,786	229,863
Idaho	528,450	457,231	534,176	518,557	515,368	527,659
Maine	5,000,479	4,530,838	4,991,191	4,844,899	4,939,243	4,754,379
Michigan	13,539,625	12,012,710	12,251,134	12,732,327	13,103,922	13,189,897
Minnesota	2,139,051	2,068,739	2,302,687	2,031,845	2,046,631	1,991,269
Montana	1,173,809	1,147,465	1,314,802	1,219,337	1,300,642	1,365,943
New York	19,405,599	18,050,422	18,208,480	19,215,414	19,936,696	19,465,181
North Dakota	1,531,113	1,288,031	1,560,246	1,602,572	1,720,789	1,670,263
Vermont	3,056,284	2,704,002	2,622,861	2,586,654	2,738,342	2,832,460
Washington	10,859,357	11,063,399	12,795,860	14,227,082	15,476,759	16,320,145
United States, total	57,423,879	53,528,341	56,788,870	59,191,696	62,008,178	62,347,059

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-11: Incoming Train Passengers, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	77,137	64,751	71,970	73,307	74,844	81,526
Idaho	2,297	1,987	2,410	2,466	2,376	2,718
Maine	2,359	1,476	1,403	1,006	1,775	1,870
Michigan	18,454	13,214	16,084	17,367	18,078	19,062
Minnesota	17,737	13,283	13,916	14,434	15,767	13,390
Montana	2,202	2,064	2,238	2,280	2,651	2,664
New York	70,561	65,685	73,985	79,787	77,801	74,433
North Dakota	9,518	7,658	8,691	7,772	8,878	8,099
Vermont	1,868	1,639	1,633	1,641	1,613	1,491
Washington	36,460	46,076	62,206	76,670	65,265	74,224
United States, total	238,593	217,833	254,536	276,730	269,048	279,477

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-12: Incoming Bus Crossings, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	11,915	11,015	10,830	11,102	12,197	12,543
Idaho	370	204	205	216	152	168
Maine	1,738	1,415	1,464	1,215	1,021	903
Michigan	39,533	36,843	35,928	34,635	29,633	30,017
Minnesota	2,958	2,661	2,628	2,647	2,463	2,137
Montana	737	630	684	646	843	597
New York	46,452	40,386	39,148	39,051	37,302	36,274
North Dakota	2,266	1,947	1,977	1,760	1,631	1,627
Vermont	3,981	3,577	5,215	5,440	5,260	5,282
Washington	17,283	17,677	17,985	17,220	17,519	16,604
United States, total	127,233	116,355	116,064	113,932	108,021	106,152

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-13: Incoming Passengers on Buses, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	167,144	170,065	157,102	158,466	168851	164685
Idaho	10,199	6,763	7,849	7,750	5510	6540
Maine	47,707	34,674	38,505	39,353	35204	30006
Michigan	1,013,033	415,144	364,721	344,371	388,623	445,974
Minnesota	58,559	47,332	43,613	45,824	38937	37789
Montana	22,145	14,801	17,847	19,066	21342	10757
New York	1,460,680	1,258,049	1,214,441	1,223,422	1,193,677	1,104,610
North Dakota	73,809	57,707	58,529	56,461	52740	51989
Vermont	129,343	107,886	159,213	178,357	164776	164082
Washington	421,686	390,996	389,406	379,359	365948	359512
United States, total	3,404,305	2,503,417	2,451,226	2,452,429	2,435,608	2,375,944

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-14: Incoming Pedestrians, U.S.-Canadian Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Alaska	713	2,836	2,745	2,781	2,486	2,640
Idaho	261	437	1,560	2,570	2,443	2,617
Maine	45,007	24,569	15,194	17,208	23,032	26,845
Michigan	16,202	16,529	17,302	20,913	16,214	0
Minnesota	16,348	15,788	22,198	18,849	16,506	14,710
Montana	2,106	5,048	3,073	3,588	5,145	5,391
New York	336,146	246,766	262,172	285,129	293,405	283,492
North Dakota	5,359	3,545	3,534	2,597	2,933	3,943
Vermont	4,453	3,632	2,897	4,063	4,282	4,996
Washington	73,071	60,752	64,428	48,987	60,535	72,460
United States, total	499,666	379,902	395,103	406,685	426,981	417,094

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-15: Incoming Personal Vehicle Crossings, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	7,735,264	7,387,953	6,650,691	6,713,284	7,472,683	8,172,192
California	28,308,158	26,536,413	25,259,609	24,678,930	25,104,487	26,033,552
New Mexico	688,175	795,249	785,757	704,848	661,277	757,794
Texas	42,124,945	35,585,141	31,348,795	29,083,206	29,464,056	31,584,131
United States, total	78,856,542	70,304,756	64,044,852	61,180,268	62,702,503	66,547,669

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-16: Incoming Passengers in Personal Vehicles, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	18,427,240	17,579,271	14,726,256	12,879,043	14,015,636	15,462,699
California	53,228,320	48,911,130	45,611,407	43,567,956	44,095,817	46,084,882
New Mexico	2,027,136	2,253,766	2,056,321	1,430,089	1,446,681	1,557,628
Texas	84,299,143	72,272,826	63,355,537	53,084,820	55,491,451	59,019,742
United States, total	157,981,839	141,016,993	125,749,521	110,961,908	115,049,585	122,124,951

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-17: Incoming Train Passengers, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	2,560	2,252	2,408	2,836	2,628	3,466
California	3,184	1,935	875	787	691	733
New Mexico	U	U	U	U	U	U
Texas <sup>1</sup>	16,272	U	U	U	U	U
United States, total	22,016	4,187	3,283	3,623	3,319	4,199

<sup>1</sup>Customs and Border Protection has not provided data on train passengers and crew entering the United States in Texas since 2009.

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

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.



**Table 4-18: Incoming Bus Crossings, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	15,658	14,035	12,624	11,586	10,557	11,294
California	138,855	109,718	107,305	98,924	108,667	105,000
New Mexico	2,985	2,590	2,073	1,762	1,651	1,512
Texas	108,916	102,111	96,752	96,052	91,336	92,394
United States, total	266,414	228,454	218,754	208,324	212,211	210,200

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-19: Incoming Passengers on Buses, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	259,714	194,159	185,071	178,395	182,114	182,845
California	1,022,271	644,907	753,801	726,541	841,614	796,173
New Mexico	37,111	33,530	26,641	20,785	19,797	18,080
Texas	2,136,534	1,556,594	1,714,194	1,794,382	1,823,112	1,825,858
United States, total	3,455,630	2,429,190	2,679,707	2,720,103	2,866,637	2,822,956

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-20: Incoming Pedestrians, U.S.-Mexican Border: 2008–2013**

State	2008	2009	2010	2011	2012	2013
Arizona	10,517,482	8,066,921	7,648,107	7,440,332	7,048,474	7,154,131
California	15,064,432	14,124,387	14,740,276	16,859,463	18,140,671	17,729,194
New Mexico	226,493	276,090	370,988	357,675	368,717	445,498
Texas	19,033,233	18,847,287	17,155,610	15,363,746	15,583,778	15,870,112
United States, total	44,841,640	41,314,685	39,914,981	40,021,216	41,141,640	41,198,935

**SOURCE:** U.S. Department of Transportation, Bureau of Transportation Statistics, North American Border Crossing/Entry Data available at [transborder.bts.gov/programs/international/transborder/TBDR\\_BC/TBDR\\_BC\\_Index.html](http://transborder.bts.gov/programs/international/transborder/TBDR_BC/TBDR_BC_Index.html) as of July 2014.

**Table 4-21: Overseas Visitors to the United States by Destination State and Territory<sup>1</sup>: 2002, 2007, 2011, and 2012**

State	2002			2007			2011			2012		
	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	1	4,492	23.5	1	7,908	33.1	1	9,508	34.1	1	9,315	31.3
Florida	2	4,416	23.1	3	4,683	19.6	3	5,688	20.4	2	6,577	22.1
California	3	4,053	21.2	2	5,185	21.7	2	6,134	22.0	3	6,012	20.2
Hawaiian Islands	4	1,950	10.2	4	1,864	7.8	5	2,286	8.2	4	2,827	9.5
Nevada	5	1,281	6.7	5	1,768	7.4	4	2,872	10.3	5	2,768	9.3
Illinois	6	1,071	5.6	6	1,171	4.9	8	1,255	4.5	6	1,399	4.7
Guam	6	1,071	5.6	8	1,099	4.6	9	1,227	4.4	6	1,399	4.7
Massachusetts	8	937	4.9	6	1,171	4.9	6	1,422	5.1	8	1,339	4.5
Texas	9	822	4.3	9	1,003	4.2	7	1,283	4.6	8	1,339	4.5
Pennsylvania	11	669	3.5	11	812	3.4	11	920	3.3	10	952	3.2
New Jersey	10	707	3.7	10	956	4.0	10	976	3.5	11	863	2.9
Arizona	13	554	2.9	12	573	2.4	12	864	3.1	12	804	2.7
Georgia	12	593	3.1	13	526	2.2	13	669	2.4	13	744	2.5
Utah	19	287	1.5	U	U	U	14	502	1.8	14	476	1.6
Colorado	14	382	2.0	16	311	1.3	16	446	1.6	15	446	1.5
Washington	15	363	1.9	14	454	1.9	14	502	1.8	15	446	1.5
North Carolina	17	306	1.6	15	358	1.5	18	335	1.2	17	387	1.3
Virginia	19	287	1.5	U	U	U	17	362	1.3	17	387	1.3
Ohio	17	325	1.7	16	311	1.3	21	279	1.0	19	357	1.2
Maryland	23	229	1.2	U	U	U	18	335	1.2	20	298	1.0
Louisiana	21	268	1.4	U	U	U	U	U	U	20	298	1.0
Connecticut	21	268	1.4	16	311	1.3	20	307	1.1	22	268	0.9
Michigan	15	363	1.9	U	U	U	U	U	U	U	U	U
Tennessee	24	191	1.0	U	U	U	U	U	U	U	U	U
Minnesota	25	172	0.9	U	U	U	U	U	U	U	U	U
Oregon	25	172	0.9	U	U	U	U	U	U	U	U	U
South Carolina	25	172	0.9	U	U	U	U	U	U	U	U	U
Indiana	28	134	0.7	U	U	U	U	U	U	U	U	U
New Hampshire	28	134	0.7	U	U	U	U	U	U	U	U	U
Wisconsin	28	134	0.7	U	U	U	U	U	U	U	U	U
Maine	31	115	0.6	U	U	U	U	U	U	U	U	U
Kentucky	32	96	0.5	U	U	U	U	U	U	U	U	U
Missouri	32	96	0.5	U	U	U	U	U	U	U	U	U
New Mexico	32	96	0.5	U	U	U	U	U	U	U	U	U
Vermont	32	96	0.5	U	U	U	U	U	U	U	U	U
Alabama	36	76	0.4	U	U	U	U	U	U	U	U	U
Rhode Island	36	76	0.4	U	U	U	U	U	U	U	U	U
Wyoming	38	57	0.3	U	U	U	U	U	U	U	U	U
Oklahoma	39	38	0.2	U	U	U	U	U	U	U	U	U
United States, total <sup>2</sup>		19,117			23,892			27,883			29,761	

<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 Visitation Estimates for U.S. States, Cities, and Census Regions*, July 2014.

**Table 4-22: Overseas Visitors to the United States by Destination City<sup>1</sup>: 2002, 2007, 2011, and 2012**

City	2002			2007			2011			2012		
	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 City	1	4,244	22.2	1	7,646	32.0	1	9,285	33.3	1	9,107	30.6
Miami	3	2,198	11.5	3	2,341	9.8	3	2,956	10.6	2	3,482	11.7
Los Angeles-Long Beach	2	2,256	11.8	2	2,652	11.1	2	3,653	13.1	3	3,393	11.4
Orlando	4	1,873	9.8	5	2,055	8.6	5	2,788	10.0	4	3,184	10.7
San Francisco	5	1,644	8.6	4	2,270	9.5	4	2,872	10.3	5	2,798	9.4
Las Vegas	7	1,223	6.4	6	1,720	7.2	5	2,788	10.0	6	2,708	9.1
Honolulu	6	1,587	8.3	7	1,553	6.5	8	1,785	6.4	7	2,232	7.5
Washington, DC	8	1,032	5.4	8	1,195	5.0	7	1,812	6.5	8	1,756	5.9
Chicago	9	1,013	5.3	8	1,147	4.8	10	1,199	4.3	9	1,369	4.6
Boston	10	822	4.3	10	1,075	4.5	9	1,311	4.7	10	1,250	4.2
San Diego	12	440	2.3	11	645	2.7	11	753	2.7	11	774	2.6
Atlanta	11	535	2.8	13	478	2.0	13	586	2.1	12	655	2.2
Houston	14	363	1.9	13	478	2.0	13	586	2.1	12	655	2.2
Philadelphia	13	421	2.2	12	550	2.3	12	613	2.2	14	595	2.0
Flagstaff-Grand Cyn-Sedona	U	U	U	U	U	U	13	586	2.1	15	536	1.8
Ft. Lauderdale	20	287	1.5	U	U	U	U	U	U	16	506	1.7
Anaheim-Santa Ana	17	325	1.7	15	430	1.8	18	362	1.3	17	476	1.6
Tampa-St. Petersburg	14	363	1.9	19	334	1.4	U	U	U	18	417	1.4
Dallas-Plano-Irving	17	325	1.7	18	358	1.5	17	418	1.5	18	417	1.4
San Jose	16	344	1.8	15	430	1.8	18	362	1.3	18	417	1.4
Seattle	19	306	1.6	17	406	1.7	16	474	1.7	18	417	1.4
Buffalo-Niagara Falls	28	153	0.8	U	U	U	20	335	1.2	22	298	1.0
Denver	21	249	1.3	U	U	U	21	279	1.0	U	U	U
Phoenix	21	249	1.3	U	U	U	U	U	U	U	U	U
New Orleans	24	229	1.2	U	U	U	U	U	U	U	U	U
Florida Keys	25	210	1.1	U	U	U	U	U	U	U	U	U
Maui	25	210	1.1	U	U	U	U	U	U	U	U	U
Newark	27	172	0.9	U	U	U	U	U	U	U	U	U
Riverside/San Bern.	28	153	0.8	U	U	U	U	U	U	U	U	U
West Palm Beach	28	153	0.8	U	U	U	U	U	U	U	U	U
Baltimore	31	134	0.7	U	U	U	U	U	U	U	U	U
Minn./St. Paul	31	134	0.7	U	U	U	U	U	U	U	U	U
Sacramento	31	134	0.7	U	U	U	U	U	U	U	U	U
Ft. Myers	34	115	0.6	U	U	U	U	U	U	U	U	U
Melbourne	34	115	0.6	U	U	U	U	U	U	U	U	U
Monterey	34	115	0.6	U	U	U	U	U	U	U	U	U
Nassau	34	115	0.6	U	U	U	U	U	U	U	U	U
Portland	34	115	0.6	U	U	U	U	U	U	U	U	U
Salt Lake City	34	115	0.6	U	U	U	U	U	U	U	U	U
Sarasota	34	115	0.6	U	U	U	U	U	U	U	U	U
Cincinnati	41	96	0.5	U	U	U	U	U	U	U	U	U
Columbus	41	96	0.5	U	U	U	U	U	U	U	U	U
Hawaii	41	96	0.5	U	U	U	U	U	U	U	U	U
Oakland	41	96	0.5	U	U	U	U	U	U	U	U	U
Pittsburgh	41	96	0.5	U	U	U	U	U	U	U	U	U
Santa Barbara	41	96	0.5	U	U	U	U	U	U	U	U	U
Albany	47	76	0.4	U	U	U	U	U	U	U	U	U
Atlantic City	47	76	0.4	U	U	U	U	U	U	U	U	U
Austin	47	76	0.4	U	U	U	U	U	U	U	U	U
Charlotte	47	76	0.4	U	U	U	U	U	U	U	U	U
Indianapolis	47	76	0.4	U	U	U	U	U	U	U	U	U
Nashville	47	76	0.4	U	U	U	U	U	U	U	U	U
Raleigh	47	76	0.4	U	U	U	U	U	U	U	U	U
San Antonio	47	76	0.4	U	U	U	U	U	U	U	U	U
Cleveland	47	57	0.3	U	U	U	U	U	U	U	U	U
Daytona Beach	56	57	0.3	U	U	U	U	U	U	U	U	U
Jacksonville	56	57	0.3	U	U	U	U	U	U	U	U	U
Memphis	56	57	0.3	U	U	U	U	U	U	U	U	U
St. Louis	56	57	0.3	U	U	U	U	U	U	U	U	U
Tucson	56	57	0.3	U	U	U	U	U	U	U	U	U
United States, total <sup>2</sup>		19,117			23,892			27,883			29,761	

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

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

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

**NOTES:** A visitor may visit more than one city. Percent of U.S. total represents the percent of visitors visiting the city. These columns, therefore, do not sum to 100. Some cities 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 cities in subsequent years.

**SOURCE:** U.S. Department of Commerce, International Trade Administration, Office of Travel and Tourism Industries, *Overseas Visitation Estimates for U.S. States, Cities, and Census Regions* available at [tinet.ita.doc.gov/outreachpages/inbound\\_general\\_information.inbound\\_overview.html](http://tinet.ita.doc.gov/outreachpages/inbound_general_information.inbound_overview.html) as of July 2014.

# **Chapter 5**

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





**Table 5-1: Motor-Vehicle Registrations: 2012**  
(Thousands)

State	Private and commercial				Partial classification of trucks <sup>1</sup>				
	Auto-mobiles	Motor-cycles <sup>2</sup>	Buses	Trucks	Truck tractors	Pickups	Vans	Sport utilities	Other light <sup>3</sup>
Alabama	2,025	132	1	2,641	39	1,185	302	978	5
Alaska	189	32	2	536	5	227	61	199	1
Arizona	2,101	149	7	2,838	45	1,020	399	1,078	6
Arkansas <sup>3</sup>	840	76	1	1,500	41	712	156	509	2
California	12,999	772	54	13,277	271	4,307	2,112	5,718	26
Colorado	1,728	184	7	2,592	31	859	294	1,252	3
Connecticut	1,370	83	4	1,208	7	280	206	636	2
Delaware	438	31	3	462	3	135	82	220	1
District of Columbia	195	4	0	103	0	12	22	66	0
Florida	7,472	619	14	7,411	70	2,273	1,246	3,452	19
Georgia <sup>3</sup>	3,291	201	10	4,044	73	1,500	570	1,670	10
Hawaii	511	35	2	661	3	260	106	272	1
Idaho	571	64	0	989	23	456	110	330	2
Illinois <sup>3</sup>	4,671	365	3	4,967	150	1,244	1,003	2,303	6
Indiana	2,418	223	3	3,306	218	1,121	569	1,170	4
Iowa <sup>3</sup>	1,333	180	4	1,954	78	795	317	641	2
Kansas	945	82	3	1,383	49	566	201	458	2
Kentucky <sup>3</sup>	1,518	101	2	2,006	31	853	281	715	3
Louisiana <sup>3</sup>	1,472	67	7	2,294	35	1,121	210	814	3
Maine <sup>3</sup>	469	53	1	644	9	261	88	241	1
Maryland	1,942	121	6	1,851	13	471	346	896	3
Massachusetts <sup>4</sup>	2,454	124	9	2,306	14	530	398	1,234	4
Michigan	3,377	266	3	4,075	70	1,241	782	1,781	4
Minnesota <sup>3</sup>	2,127	242	5	2,671	71	898	486	1,044	3
Mississippi <sup>3</sup>	835	28	2	1,152	30	559	116	386	1
Missouri	2,375	176	4	3,075	72	1,213	487	1,115	4
Montana	428	159	3	883	25	417	95	263	1
Nebraska	705	53	1	1,085	61	422	149	374	1
Nevada <sup>3</sup>	923	70	1	1,111	8	399	132	509	2
New Hampshire <sup>5</sup>	555	80	2	652	5	216	97	291	1
New Jersey <sup>4</sup>	3,931	332	13	3,550	43	630	715	1,957	9
New Mexico	664	67	1	1,040	15	491	108	358	2
New York <sup>5</sup>	4,992	345	15	4,921	40	993	977	2,595	10
North Carolina <sup>6</sup>	3,407	199	9	4,076	75	1,496	610	1,667	8
North Dakota	245	34	1	519	36	218	57	150	0
Ohio	4,697	340	15	4,975	101	1,564	957	2,046	7
Oklahoma <sup>3</sup>	1,347	128	1	1,929	69	787	246	662	2
Oregon	1,440	86	1	1,959	27	768	288	747	5
Pennsylvania	4,728	419	18	5,170	75	1,450	910	2,393	9
Rhode Island <sup>4</sup>	449	33	0	356	2	91	65	177	1
South Carolina	1,696	112	6	2,033	23	760	293	854	3
South Dakota <sup>3</sup>	327	73	0	585	26	250	75	181	1
Tennessee <sup>3</sup>	2,210	168	6	2,951	48	1,211	403	1,123	6
Texas <sup>3</sup>	7,680	445	3	11,597	251	4,896	1,199	4,619	12
Utah	824	63	4	1,063	33	392	139	410	2
Vermont	248	31	1	319	4	121	40	130	0
Virginia	3,228	199	30	3,540	35	1,132	580	1,612	5
Washington <sup>3</sup>	2,515	217	11	3,035	44	1,100	454	1,211	8
West Virginia	511	57	1	845	9	366	94	325	1
Wisconsin <sup>3</sup>	2,209	281	1	2,639	68	867	506	1,034	2
Wyoming <sup>3</sup>	209	31	1	545	11	273	45	170	1
<b>United States, total</b>	<b>109,834</b>	<b>8,430</b>	<b>301</b>	<b>131,322</b>	<b>2,581</b>	<b>45,412</b>	<b>20,183</b>	<b>55,037</b>	<b>215</b>

<sup>1</sup>Data estimated by FHWA from state reported data and other sources. Farm trucks data are as reported by states.

<sup>2</sup>Many states do not maintain records on publicly owned motorcycles. Total may not represent an accurate count of the total number of publicly owned motorcycles.

<sup>3</sup>State did not report active registrations and registers vehicles annually. Annual transaction data shown.

<sup>4</sup>State data estimated from Department of Motor Vehicles published data.

<sup>5</sup>State did not report current year data. Previous year data shown for private vehicles.

<sup>6</sup>State data estimated from North Carolina Department of Transportation published data and other data sources.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, MV-1 and MV-9, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014.

**Table 5-2: Trailer and Semi-Trailer Registrations: 2012<sup>1</sup>**

State	Private and commercial			Total	Publicly owned	Total
	Commercial trailers <sup>2</sup>	Light farm trailers, car trailers, etc.	House trailers <sup>3</sup>		State, county, municipal government	
Alabama	66,267	242,849	51,649	360,765	U	360,765
Alaska	11,489	115,934	U	127,423	2,315	129,738
Arizona	766,697	U	90,236	856,933	53	856,986
Arkansas	92,899	35,229	7,700	135,828	U	135,828
California	1,000,747	954,211	330,696	2,285,654	68,286	2,353,940
Colorado	7,181	478,720	97,410	583,311	7,237	590,548
Connecticut	34,165	U	153,460	187,625	U	187,625
Delaware	18,628	60,895	56,100	135,623	U	135,623
District of Columbia	870	U	U	870	U	870
Florida	57,208	1,519,616	1	1,576,825	1,070	1,577,895
Georgia <sup>4</sup>	U	U	U	1,058,038	U	1,058,038
Hawaii <sup>4</sup>	U	U	U	28,958	1,694	30,652
Idaho	42,505	336,048	72,376	450,929	578	451,507
Illinois	297,154	501,446	89,989	888,589	U	888,589
Indiana	236,267	401,015	U	637,282	U	637,282
Iowa	254,677	434,035	87,759	776,471	3,670	780,141
Kansas	10,790	144,109	19,550	174,449	U	174,449
Kentucky	277,710	16,926	27,845	322,481	U	322,481
Louisiana	184,692	109,377	17,467	311,536	842	312,378
Maine	111,006	193,544	U	304,550	U	304,550
Maryland	871,889	U	U	871,889	U	871,889
Massachusetts	22,855	242,086	U	264,941	223	265,164
Michigan	369,869	U	288,974	658,843	U	658,843
Minnesota	242,098	43,395	119,901	405,394	U	405,394
Mississippi	30,174	65,253	9,619	105,046	340	105,386
Missouri <sup>4</sup>	U	U	U	985,159	U	985,159
Montana	30,461	445,733	68,745	544,939	221	545,160
Nebraska	205,396	170,037	U	375,433	6,835	382,268
Nevada	7,031	164,724	34,943	206,698	U	206,698
New Hampshire <sup>5</sup>	U	U	U	171,735	U	171,735
New Jersey	3,640	264,353	22,103	290,096	U	290,096
New Mexico	35,946	208,912	56,950	301,808	U	301,808
New York <sup>6</sup>	141,211	202,234	11,130	354,575	903	355,478
North Carolina	923,989	U	19,638	943,627	20,535	964,162
North Dakota	109,378	U	23,510	132,888	137	133,025
Ohio	250,775	524,734	94,591	870,100	842	870,942
Oklahoma	139,001	84,845	5,525	229,371	U	229,371
Oregon	753	135,515	84,505	220,773	U	220,773
Pennsylvania	1,110,355	U	U	1,110,355	14,836	1,125,191
Rhode Island	6,301	45,402	5,387	57,090	1,240	58,330
South Carolina	124,425	39,726	5	164,156	3,934	168,090
South Dakota	6,343	205,278	694	212,315	4,120	216,435
Tennessee	1,390,266	U	13	1,390,279	U	1,390,279
Texas	863,216	1,220,141	207,876	2,291,233	57,306	2,348,539
Utah	152,692	10,212	67,821	230,725	2,950	233,675
Vermont	94,360	U	U	94,360	U	94,360
Virginia	308,970	507,557	38,313	854,840	618	855,458
Washington	59,738	638,082	U	697,820	U	697,820
West Virginia	174,199	123,530	U	297,729	7,269	304,998
Wisconsin	428,507	2,266	72,439	503,212	5,194	508,406
Wyoming	126,483	161,090	37,877	325,450	169	325,619
<b>United States, total<sup>7</sup></b>	<b>11,701,273</b>	<b>11,049,059</b>	<b>2,372,797</b>	<b>27,367,019</b>	<b>213,417</b>	<b>27,580,436</b>

<sup>1</sup>The completeness of data on trailer registrations varies greatly. Data are reported to the extent available from State reports.

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

<sup>3</sup>Mobile homes and house trailers are shown in this column for States that require them to be registered and are able to separate them from other trailers. In States where this classification is not available, house trailers are included with light car trailers.

<sup>4</sup>State indicated data by type was not available.

<sup>5</sup>State did not file a 2012 report, 2011 data used.

<sup>6</sup>State did not file a 2012 report, data estimated by FHWA from website report.

<sup>7</sup>As data has been estimated, or not included in some cases, totals should be considered estimates at best.

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

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, MV-11, available at [www.fhwa.dot.gov/policy-information/statistics.cfm](http://www.fhwa.dot.gov/policy-information/statistics.cfm) as of June 2014.

**Table 5-3: Highway Vehicle-Miles Traveled (VMT): 2007, 2012**

State	2007			2012		
	Total VMT <sup>1</sup> (millions)	Estimated Population	VMT per capita	Total VMT <sup>2</sup> (millions)	Estimated Population	VMT per capita
Alabama	61,410	4,672,840	13,142	64,959	4,822,023	13,471
Alaska	5,153	680,300	7,575	4,792	731,449	6,551
Arizona	62,963	6,167,681	10,209	60,129	6,553,255	9,175
Arkansas	33,171	2,848,650	11,644	33,522	2,949,131	11,367
California	328,312	36,250,311	9,057	326,272	38,041,430	8,577
Colorado	48,713	4,803,868	10,140	46,769	5,187,582	9,016
Connecticut	32,053	3,527,270	9,087	31,269	3,590,347	8,709
Delaware	9,483	871,749	10,878	9,186	917,092	10,016
District of Columbia	3,609	574,404	6,283	3,572	632,323	5,649
Florida	206,121	18,367,842	11,222	191,374	19,317,568	9,907
Georgia	112,541	9,349,988	12,036	107,488	9,919,945	10,836
Hawaii	10,345	1,315,675	7,863	10,050	1,392,313	7,218
Idaho	15,782	1,505,105	10,486	16,315	1,595,728	10,224
Illinois	107,483	12,695,866	8,466	104,578	12,875,255	8,122
Indiana <sup>3</sup>	71,478	6,379,599	11,204	78,923	6,537,334	12,073
Iowa	31,253	2,999,212	10,420	31,596	3,074,186	10,278
Kansas	30,048	2,783,785	10,794	30,572	2,885,905	10,594
Kentucky	48,063	4,256,672	11,291	47,344	4,380,415	10,808
Louisiana	45,376	4,375,581	10,370	46,889	4,601,893	10,189
Maine	15,035	1,327,040	11,330	14,199	1,329,192	10,682
Maryland	56,503	5,653,408	9,995	56,476	5,884,563	9,597
Massachusetts	55,071	6,431,559	8,563	55,940	6,646,144	8,417
Michigan	104,614	10,001,284	10,460	94,548	9,883,360	9,566
Minnesota <sup>4</sup>	57,233	5,207,203	10,991	56,988	5,379,139	10,594
Mississippi	43,337	2,928,350	14,799	38,667	2,984,926	12,954
Missouri	69,151	5,887,612	11,745	68,504	6,021,988	11,376
Montana	11,307	964,706	11,721	11,885	1,005,141	11,824
Nebraska	19,439	1,783,440	10,900	19,277	1,855,525	10,389
Nevada	22,146	2,601,072	8,514	24,148	2,758,931	8,753
New Hampshire	13,459	1,312,540	10,254	12,894	1,320,718	9,763
New Jersey	76,152	8,677,885	8,775	74,225	8,864,590	8,373
New Mexico	26,850	1,990,070	13,492	25,562	2,085,538	12,257
New York	136,737	19,132,335	7,147	128,221	19,570,261	6,552
North Carolina	103,598	9,118,037	11,362	104,950	9,752,073	10,762
North Dakota	7,844	652,822	12,016	10,081	699,628	14,409
Ohio	110,631	11,500,468	9,620	112,715	11,544,225	9,764
Oklahoma	47,572	3,634,349	13,090	47,872	3,814,820	12,549
Oregon	34,750	3,722,417	9,335	33,173	3,899,353	8,507
Pennsylvania	108,699	12,563,937	8,652	98,884	12,763,536	7,747
Rhode Island	8,636	1,057,315	8,168	7,807	1,050,292	7,433
South Carolina	51,109	4,444,110	11,500	49,036	4,723,723	10,381
South Dakota	9,005	791,623	11,375	9,113	833,354	10,935
Tennessee	71,179	6,175,727	11,526	71,167	6,456,243	11,023
Texas	243,443	23,831,983	10,215	237,836	26,059,203	9,127
Utah	26,832	2,597,746	10,329	26,528	2,855,287	9,291
Vermont	7,694	623,481	12,340	7,216	626,011	11,527
Virginia	82,077	7,751,000	10,589	80,959	8,185,867	9,890
Washington	56,939	6,461,587	8,812	56,762	6,897,012	8,230
West Virginia	20,564	1,834,052	11,212	19,226	1,855,413	10,362
Wisconsin	59,493	5,610,775	10,603	59,087	5,726,398	10,318
Wyoming	9,366	534,876	17,511	9,271	576,412	16,084
<b>United States, total</b>	<b>3,029,822</b>	<b>301,231,207</b>	<b>10,058</b>	<b>2,968,815</b>	<b>313,914,040</b>	<b>9,457</b>

<sup>1</sup>Travel for all systems are FHWA estimates based on State provided HPMS data.

<sup>2</sup>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.

<sup>3</sup>2007 data excludes 788 miles of Federal agency owned roads.

<sup>4</sup>2007 data excludes 437 miles of local government owned roads

**NOTES:** Population estimates are for July 1st of given year.

**SOURCES:** VMT: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, VM-2, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014. Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014.



**Table 5-4: Highway, Demographic, and Geographic Characteristics of 30 Largest Urbanized Areas: 2012**

Federal-aid urbanized area <sup>1</sup>	State(s)	Estimated population (thousands)	Net land area (square miles)	Persons per square mile	Total roadway miles	Miles of roadway per thousand persons	Total DVMT (thousands)	Total DVMT per capita	Total estimated freeway lane miles <sup>2</sup>	Average daily traffic per freeway lane mile
New York-Newark	NY, NJ, CT	17,800	4,868	3,657	44,682	2.5	290,116	16.3	7,420	16,037
Los Angeles-Long Beach-Santa Ana	CA	11,789	1,971	5,981	25,215	2.1	272,850	23.1	5,754	23,135
Chicago	IL, IN	8,308	3,535	2,350	30,519	3.7	175,686	21.1	3,121	17,282
Philadelphia	PA, NJ, DE, MD	5,149	2,401	2,145	20,218	3.9	102,015	19.8	2,521	14,276
Miami	FL	4,919	1,499	3,282	15,559	3.2	125,001	25.4	2,294	17,795
Dallas-Fort Worth-Arlington	TX	4,146	2,375	1,746	21,597	5.2	126,510	30.5	3,897	16,522
Boston	MA, NH, RI	4,032	2,487	1,621	17,737	4.4	96,865	24.0	2,644	15,816
Washington	DC, VA, MD	3,934	1,279	3,076	12,366	3.1	97,023	24.7	2,087	17,603
Detroit	MI	3,903	1,431	2,728	14,883	3.8	88,595	22.7	1,918	15,921
Houston	TX	3,823	1,824	2,096	18,393	4.8	106,153	27.8	3,078	16,633
Atlanta	GA	3,500	3,027	1,156	21,412	6.1	129,742	37.1	2,637	17,465
San Francisco-Oakland	CA	2,996	1,054	2,842	7,587	2.5	71,341	23.8	1,831	20,447
Phoenix-Mesa	AZ	2,907	1,115	2,607	12,635	4.3	78,835	27.1	1,830	15,898
Seattle	WA	2,712	1,334	2,033	12,423	4.6	70,206	25.9	1,872	16,020
San Diego	CA	2,674	984	2,718	7,075	2.6	66,114	24.7	1,940	18,863
Minneapolis-St. Paul	MN - WI	2,651	1,021	2,596	12,335	4.7	65,621	24.8	1,805	16,204
St. Louis	MO, IL	2,078	1,359	1,529	11,702	5.6	66,481	32.0	2,457	12,371
Baltimore	MD	2,076	683	3,040	7,336	3.5	52,813	25.4	1,564	17,226
Tampa-St. Petersburg	FL	2,062	1,072	1,924	9,702	4.7	60,748	29.5	891	15,659
Denver-Aurora	CO	1,985	814	2,438	8,476	4.3	49,659	25.0	1,280	16,303
Cleveland	OH	1,787	897	1,992	7,366	4.1	39,878	22.3	1,460	11,956
Pittsburgh	PA	1,753	1,215	1,443	9,460	5.4	33,226	19.0	1,258	6,893
Portland	OR, WA	1,583	581	2,725	7,178	4.5	34,721	21.9	793	16,794
San Jose	CA	1,538	353	4,358	3,769	2.5	36,643	23.8	830	20,492
Riverside-San Bernardino	CA	1,507	747	2,017	5,276	3.5	44,486	29.5	994	21,558
Cincinnati	OH, KY, IN	1,503	897	1,676	6,882	4.6	44,752	29.8	1,257	14,758
Virginia Beach	VA	1,394	1,409	990	6,741	4.8	36,088	25.9	906	14,383
Sacramento	CA	1,393	446	3,124	5,173	3.7	36,476	26.2	838	18,115
Kansas City	MO, KS	1,362	1,049	1,298	9,364	6.9	43,887	32.2	1,999	10,742
San Antonio	TX	1,328	574	2,313	6,111	4.6	38,039	28.7	1,245	16,333

<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 Bureau of the Census. Areas are sorted by population. Puerto Rico did not report 2012 HPMS data. Some areas may be missing, unreported, or included in other areas.

<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*, HM-72, available at [www.fhwa.dot.gov/policy-information/statistics.cfm](http://www.fhwa.dot.gov/policy-information/statistics.cfm) as of July 2014.

**Table 5-5: Highway Congestion in the 50 Largest Urban Areas: 2011**

Urban area	Rank	Population (thousands)	Hours of delay (thousands)	Hours of delay per commuter	Cost of congestion (\$ millions)	Cost of congestion per commuter (\$)
Washington DC-VA-MD	1	4,613	179,331	67	3,771	1,398
Los Angeles-Long Beach-Santa Ana CA	2	13,229	501,881	61	10,785	1,300
San Francisco-Oakland CA	2	4,101	155,157	61	3,279	1,266
New York-Newark NY-NJ-CT	4	18,946	544,063	59	11,837	1,281
Boston MA-NH-RI	5	4,320	136,966	53	2,922	1,147
Houston TX	6	4,129	145,832	52	3,120	1,090
Chicago IL-IN	7	8,605	271,718	51	6,214	1,153
Atlanta GA	7	4,360	142,041	51	3,135	1,120
Seattle WA	9	3,286	100,802	48	2,241	1,050
Philadelphia PA-NJ-DE-MD	9	5,381	156,027	48	3,387	1,018
Nashville-Davidson TN	11	1,145	35,781	47	801	1,034
Miami FL	11	5,482	174,612	47	3,749	993
Orlando FL	13	1,475	46,607	45	1,031	984
Dallas-Fort Worth-Arlington TX	13	5,260	167,718	45	3,578	957
Denver-Aurora CO	13	2,348	76,154	45	1,612	937
Portland OR-WA	17	1,925	51,987	44	1,130	937
Austin TX	17	1,345	38,307	44	810	930
Las Vegas NV	17	1,443	45,419	44	931	906
Virginia Beach VA	20	1,555	46,172	43	932	877
Bridgeport-Stamford CT-NY	21	938	26,503	42	566	902
Indianapolis IN	23	1,234	35,186	41	817	930
Baltimore MD	23	2,523	70,263	41	1,557	908
Charlotte NC-SC	25	1,070	28,974	40	653	898
Detroit MI	25	3,869	106,434	40	2,287	859
Columbus OH	25	1,289	35,689	40	753	847
Pittsburgh PA	28	1,761	46,725	39	1,007	826
San Jose CA	28	1,838	47,385	39	971	800
Riverside-San Bernardino CA	30	2,025	51,195	38	1,152	854
Memphis TN-MS-AR	30	1,058	28,700	38	636	833
Oklahoma City OK	30	983	25,182	38	543	803
Tampa-St. Petersburg FL	30	2,393	62,876	38	1,325	791
San Antonio TX	30	1,558	39,998	38	825	787
Cincinnati OH-KY-IN	37	1,717	42,785	37	947	814
San Diego CA	37	3,121	72,331	37	1,537	774
Phoenix-Mesa AZ	40	3,679	82,554	35	1,969	837
Louisville KY-IN	40	1,084	26,253	35	584	776
Minneapolis-St. Paul MN	44	2,757	60,788	34	1,260	695
Buffalo NY	45	1,048	21,545	33	474	718
Sacramento CA	47	1,895	39,138	32	834	669
St. Louis MO-IL	50	2,343	49,605	31	1,116	686
Cleveland OH	50	1,700	34,980	31	736	642
Jacksonville FL	53	1,083	22,629	30	486	635
Salt Lake City UT	53	1,027	21,903	30	449	620
Providence RI-MA	53	1,236	24,618	30	503	611
San Juan PR	60	2,333	45,991	29	980	625
Richmond VA	60	974	19,499	29	398	581
New Orleans LA	63	1,065	19,125	28	441	629
Milwaukee WI	63	1,496	27,755	28	599	585
Kansas City MO-KS	68	1,585	29,448	27	640	584
Raleigh-Durham NC	83	1,142	17,923	23	396	502

**NOTES:** Ranked by annual hours of delay per commuter. 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 A&M University, Texas Transportation Institute, *Urban Mobility Report 2012*, available at [mobility.tamu.edu/ums](http://mobility.tamu.edu/ums) as of July 2014.

**Table 5-6: Recreational Boat Registrations by Propulsion Type: 2013**

State	Powered <sup>1</sup>	Nonpowered <sup>2</sup>	Other <sup>3</sup>	Total
Alabama	236,622	1,885	6,690	245,197
Alaska	49,228	427	284	49,939
Arizona	125,621	0	25	125,646
Arkansas	187,413	588	49,465	237,466
California	760,072	33,467	26,951	820,490
Colorado	78,724	3,209	1,616	83,549
Connecticut	101,459	323	105	101,887
Delaware	57,001	0	2,185	59,186
District of Columbia	2,101	411	110	2,622
Florida	822,917	20,211	27,621	870,749
Georgia	305,876	3,016	10,979	319,871
Hawaii	12,735	494	138	13,367
Idaho	82,841	636	2,303	85,780
Illinois	247,858	55,804	7,191	310,853
Indiana	213,513	649	727	214,889
Iowa	164,228	34,347	4,311	202,886
Kansas	79,832	2,754	836	83,422
Kentucky	160,316	0	13,902	174,218
Louisiana	307,464	0	0	307,464
Maine	106,443	0	768	107,211
Maryland	174,764	310	6,470	181,544
Massachusetts	126,559	0	11,109	137,668
Michigan	743,859	48,916	3,100	795,875
Minnesota	588,645	207,476	12,623	808,744
Mississippi	130,377	582	0	130,959
Missouri	295,479	2,083	0	297,562
Montana	62,521	409	508	63,438
Nebraska	83,100	1	3,977	87,078
Nevada	44,780	226	1,321	46,327
New Hampshire	88,584	3,462	0	92,046
New Jersey	150,647	3,531	0	154,178
New Mexico	33,834	958	70	34,862
New York	456,898	11	0	456,909
North Carolina	381,267	1,758	3,859	386,884
North Dakota	68,146	762	473	69,381
Ohio	305,565	143,024	952	449,541
Oklahoma	194,801	0	0	194,801
Oregon	164,584	0	2,080	166,664
Pennsylvania	290,218	20,153	19,207	329,578
Rhode Island	37,889	57	1,656	39,602
South Carolina	440,847	22,743	2,999	466,589
South Dakota	53,002	3,886	321	57,209
Tennessee	256,887	1,280	0	258,167
Texas	565,275	3,071	7,056	575,402
Utah	65,128	884	0	66,012
Vermont	30,008	0	0	30,008
Virginia	232,956	278	4,317	237,551
Washington	229,403	0	0	229,403
West Virginia	61,961	0	0	61,961
Wisconsin	588,106	19,098	6,312	613,516
Wyoming	26,487	1,177	417	28,081
United States, total <sup>4</sup>	11,103,006	645,000	245,061	11,993,067

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

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

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

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

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

**SOURCE:** U.S. Department of Homeland Security, U.S. Coast Guard, Office of Boating Safety, personal communication in May 2014.

**Table 5-7: General Aviation and Air Taxi Aircraft and Hours Flown: 2012**  
(Excludes commuter aircraft)

State	Active aircraft	Hours flown (thousands)
Alabama	4,763	527
Alaska	5,703	696
Arizona	6,070	666
Arkansas	3,053	366
California	21,316	2,309
Colorado	5,412	772
Connecticut	1,657	281
Delaware	1,885	212
District of Columbia	415	107
Florida	14,754	1,958
Georgia	5,228	566
Hawaii	486	203
Idaho	2,966	301
Illinois	5,202	444
Indiana	3,675	266
Iowa	3,064	371
Kansas	3,138	543
Kentucky	1,934	159
Louisiana	3,264	1,017
Maine	1,188	107
Maryland	2,505	274
Massachusetts	2,663	477
Michigan	5,663	468
Minnesota	4,365	383
Mississippi	2,037	300
Missouri	3,953	399
Montana	1,755	158
Nebraska	2,013	191
Nevada	2,246	319
New Hampshire	1,187	103
New Jersey	2,379	294
New Mexico	2,562	201
New York	5,116	478
North Carolina	5,451	463
North Dakota	1,376	341
Ohio	6,319	578
Oklahoma	3,915	566
Oregon	4,692	653
Pennsylvania	5,386	562
Rhode Island	345	36
South Carolina	2,538	193
South Dakota	1,478	153
Tennessee	3,557	429
Texas	18,500	2,140
Utah	2,601	433
Vermont	545	30
Virginia	4,451	549
Washington	7,249	679
West Virginia	855	47
Wisconsin	4,485	352
Wyoming	1,010	120
United States, total (excluding territories) <sup>1</sup>	208,370	24,235
United States, total (including territories)	209,034	24,403

<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, available at [www.faa.gov/data\\_research/aviation\\_data\\_statistics/general\\_aviation](http://www.faa.gov/data_research/aviation_data_statistics/general_aviation) as of July 2014.

**Table 5-8: Active Aviation Pilots and Flight Instructors: 2012<sup>1</sup>**

State	Airplane pilots <sup>2</sup>						Flight instructor <sup>4</sup>
	Total	Students	Private	Commercial	Airline transport	Misc. <sup>3</sup>	
Alabama	7,626	1,503	2,584	2,172	1,310	57	1,404
Alaska	8,202	1,076	3,051	1,883	2,144	48	1,335
Arizona	18,929	4,037	5,445	4,008	5,324	115	3,671
Arkansas	5,002	1,057	1,781	1,233	866	65	753
California	61,185	11,832	24,730	12,744	11,544	335	9,429
Colorado	17,524	2,720	5,426	3,604	5,681	93	3,494
Connecticut	5,298	898	2,061	909	1,408	22	847
Delaware	1,382	325	433	261	354	9	235
District of Columbia	536	148	214	90	79	5	68
Florida	52,566	11,946	14,302	10,336	15,577	405	9,138
Georgia	18,767	3,087	5,336	3,189	7,025	130	3,178
Hawaii	3,137	595	679	764	1,088	11	642
Idaho	4,850	876	1,950	1,100	868	56	789
Illinois	17,525	3,148	6,217	3,326	4,607	227	3,408
Indiana	10,125	1,801	3,985	2,046	2,112	181	1,679
Iowa	5,444	996	2,514	1,162	692	80	825
Kansas	7,174	1,273	2,993	1,565	1,280	63	1,410
Kentucky	5,969	981	1,714	1,001	2,224	49	1,107
Louisiana	5,783	1,233	1,951	1,448	1,103	48	863
Maine	2,521	390	1,018	541	531	41	390
Maryland	7,909	1,827	2,716	1,534	1,757	75	1,304
Massachusetts	8,137	1,712	3,372	1,499	1,506	48	1,204
Michigan	14,558	2,524	5,872	2,969	3,002	191	2,488
Minnesota	12,688	1,939	4,653	2,451	3,554	91	2,480
Mississippi	4,247	1,033	1,306	940	938	30	663
Missouri	9,284	1,714	3,431	1,868	2,158	113	1,603
Montana	3,925	743	1,579	957	622	24	647
Nebraska	3,576	781	1,455	762	549	29	478
Nevada	6,927	1,099	2,043	1,478	2,276	31	1,341
New Hampshire	3,725	519	1,174	658	1,336	38	678
New Jersey	9,234	1,873	3,335	1,712	2,276	38	1,643
New Mexico	4,744	917	1,852	1,224	702	49	625
New York	16,746	4,208	6,217	3,243	2,951	127	2,627
North Carolina	14,386	2,588	5,047	2,692	3,938	121	2,315
North Dakota	3,486	740	1,230	1,255	252	9	456
Ohio	16,083	2,827	6,078	3,074	3,877	227	2,992
Oklahoma	8,155	2,118	2,960	1,631	1,402	44	1,264
Oregon	9,085	1,757	3,763	2,152	1,345	68	1,577
Pennsylvania	16,175	3,118	5,903	2,928	4,040	186	2,733
Rhode Island	1,011	209	387	197	211	7	145
South Carolina	6,596	1,158	2,368	1,321	1,694	55	996
South Dakota	2,267	397	898	572	354	46	401
Tennessee	11,831	1,942	3,540	2,198	4,069	82	2,037
Texas	49,886	9,752	15,304	9,304	15,224	302	8,310
Utah	8,075	1,702	2,511	1,764	2,046	52	1,529
Vermont	1,289	204	562	264	246	13	182
Virginia	14,620	2,799	4,650	3,047	4,007	117	2,525
Washington	19,448	3,430	6,510	3,856	5,500	152	3,415
West Virginia	1,835	420	731	363	287	34	255
Wisconsin	9,503	1,610	4,094	1,593	2,003	203	1,604
Wyoming	1,947	400	835	406	291	15	282
<b>United States, total</b>	<b>560,923</b>	<b>107,982</b>	<b>194,760</b>	<b>113,294</b>	<b>140,230</b>	<b>4,657</b>	<b>95,464</b>

<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, U.S. Civil Airmen Statistics, available at [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 July 2014.

# **Chapter 6**

## **Economy and Finance**





**Table 6-1: Transportation and Warehousing Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	2,867	55,452	2,266,125
Alaska	1,108	17,713	1,166,487
Arizona	3,108	75,115	3,233,768
Arkansas	2,434	49,486	1,986,106
California	21,208	424,729	19,140,194
Colorado	3,345	59,932	2,582,318
Connecticut	1,638	38,802	1,656,303
Delaware	649	10,844	396,447
District of Columbia	191	4,462	160,235
Florida	12,789	204,981	8,688,831
Georgia	5,962	153,791	6,696,663
Hawaii	832	26,167	1,080,242
Idaho	1,643	15,969	545,489
Illinois	12,727	222,772	9,909,404
Indiana	5,029	110,311	4,248,841
Iowa	3,566	53,169	1,896,207
Kansas	2,579	46,089	1,739,165
Kentucky	2,959	83,628	3,783,128
Louisiana	3,830	65,367	3,417,242
Maine	1,218	14,759	572,808
Maryland	3,336	62,864	2,694,994
Massachusetts	3,534	74,457	3,149,443
Michigan	5,656	97,569	4,355,610
Minnesota	4,511	75,074	3,032,687
Mississippi	2,098	32,653	1,208,747
Missouri	4,622	78,389	2,988,523
Montana	1,361	10,762	389,717
Nebraska	2,270	37,833	1,461,819
Nevada	1,400	40,647	1,622,591
New Hampshire	819	12,211	435,465
New Jersey	6,856	155,704	7,047,309
New Mexico	1,332	16,205	636,679
New York	12,303	225,156	9,578,102
North Carolina	5,374	105,856	4,145,862
North Dakota	1,442	13,822	670,345
Ohio	7,067	150,176	6,228,665
Oklahoma	2,613	42,348	2,000,942
Oregon	2,984	50,598	2,146,215
Pennsylvania	8,180	196,806	7,560,564
Rhode Island	619	9,536	348,069
South Carolina	2,506	49,348	1,850,266
South Dakota	1,137	9,115	337,502
Tennessee	4,049	121,437	4,714,896
Texas	16,403	357,981	17,564,839
Utah	2,150	46,544	1,848,845
Vermont	489	5,710	202,272
Virginia	4,799	91,005	3,848,381
Washington	4,870	83,641	4,049,723
West Virginia	1,248	14,455	584,447
Wisconsin	5,195	94,808	3,592,820
Wyoming	949	10,111	510,387
<b>United States, total</b>	<b>211,854</b>	<b>4,106,359</b>	<b>175,972,729</b>

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

**SOURCE:** U.S. Department of Commerce, U.S. Census Bureau, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.



**Table 6-2: Air Transportation Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	47	582	26,692
Alaska	205	5,535	321,530
Arizona	111	W	W
Arkansas	46	W	W
California	576	42,992	2,556,006
Colorado	105	14,301	654,972
Connecticut	46	2,054	147,506
Delaware	20	85	6,779
District of Columbia	38	1,445	38,829
Florida	481	22,403	1,242,486
Georgia	119	29,760	1,813,659
Hawaii	61	7,349	359,625
Idaho	54	952	39,611
Illinois	194	29,022	1,905,155
Indiana	60	W	W
Iowa	31	447	12,273
Kansas	31	226	6,748
Kentucky	65	7,621	453,130
Louisiana	86	4,225	284,079
Maine	25	W	15,611
Maryland	51	W	W
Massachusetts	94	7,497	378,195
Michigan	119	W	830,347
Minnesota	61	W	W
Mississippi	42	347	11,742
Missouri	75	W	W
Montana	71	815	30,076
Nebraska	29	594	23,494
Nevada	68	5,499	356,838
New Hampshire	25	312	13,438
New Jersey	109	W	W
New Mexico	35	571	28,321
New York	353	31,476	1,899,200
North Carolina	106	W	W
North Dakota	25	215	5,127
Ohio	101	11,122	832,289
Oklahoma	50	W	W
Oregon	77	5,336	323,383
Pennsylvania	131	W	W
Rhode Island	10	W	11,239
South Carolina	57	784	26,357
South Dakota	26	206	6,367
Tennessee	88	W	236,005
Texas	469	W	W
Utah	41	8,397	403,623
Vermont	11	241	10,574
Virginia	111	12,609	701,770
Washington	113	10,335	758,948
West Virginia	16	W	W
Wisconsin	59	W	W
Wyoming	27	W	29,445
<b>United States, total<sup>1</sup></b>	<b>5,051</b>	<b>425,787</b>	<b>25,347,433</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 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, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.

**Table 6-3: Water Transportation Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	26	675	51,565
Alaska	101	W	78,972
Arizona	5	W	324
Arkansas	4	W	4,998
California	115	5,234	427,577
Colorado	1	W	W
Connecticut	27	754	74,894
Delaware	5	108	7,898
District of Columbia	1	W	W
Florida	225	14,381	956,470
Georgia	23	153	9,129
Hawaii	8	W	W
Idaho	5	W	479
Illinois	48	W	W
Indiana	10	W	W
Iowa	6	W	W
Kansas	1	W	W
Kentucky	27	1,948	124,222
Louisiana	300	10,595	744,299
Maine	16	61	2,697
Maryland	37	1,140	85,663
Massachusetts	44	682	52,505
Michigan	35	321	30,071
Minnesota	9	W	W
Mississippi	16	904	55,976
Missouri	14	804	57,344
Montana	1	W	W
Nebraska	0	0	0
Nevada	4	6	283
New Hampshire	2	W	W
New Jersey	76	2,032	142,285
New Mexico	3	W	W
New York	145	3,149	279,927
North Carolina	31	W	W
North Dakota	0	0	0
Ohio	25	W	48,065
Oklahoma	1	W	W
Oregon	19	W	W
Pennsylvania	41	833	46,335
Rhode Island	10	W	3,291
South Carolina	22	W	W
South Dakota	0	0	0
Tennessee	12	1,898	131,540
Texas	128	4,540	398,368
Utah	7	W	428
Vermont	6	W	W
Virginia	43	867	63,958
Washington	79	3,437	210,726
West Virginia	3	W	W
Wisconsin	7	51	2,783
Wyoming	0	0	0
United States, total <sup>1</sup>	1,774	63,365	4,509,225

<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, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.

**Table 6-4: Truck Transportation Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	1,759	24,596	917,860
Alaska	222	2,465	134,395
Arizona	1,339	21,539	749,124
Arkansas	1,571	32,042	1,314,739
California	9,300	106,248	4,407,374
Colorado	1,825	18,253	795,623
Connecticut	578	5,928	291,158
Delaware	246	4,171	139,125
District of Columbia	17	174	8,776
Florida	4,892	43,496	1,665,370
Georgia	3,062	44,980	1,802,754
Hawaii	203	3,332	125,087
Idaho	1,115	8,778	317,501
Illinois	8,013	66,452	2,897,860
Indiana	3,314	51,916	2,109,540
Iowa	2,667	35,219	1,248,744
Kansas	1,634	18,482	746,046
Kentucky	1,759	20,610	823,212
Louisiana	1,714	17,323	701,905
Maine	711	5,541	198,132
Maryland	1,417	15,232	654,028
Massachusetts	1,356	14,957	695,698
Michigan	3,299	38,431	1,653,380
Minnesota	2,791	24,635	1,042,848
Mississippi	1,276	14,186	517,458
Missouri	2,803	33,669	1,357,240
Montana	825	5,098	209,175
Nebraska	1,721	25,644	978,973
Nevada	563	6,552	277,469
New Hampshire	408	3,265	129,460
New Jersey	3,026	36,351	1,714,835
New Mexico	732	6,414	298,504
New York	4,489	39,140	1,618,804
North Carolina	2,951	39,591	1,557,862
North Dakota	1,100	8,806	491,139
Ohio	4,157	60,278	2,464,827
Oklahoma	1,644	17,716	761,077
Oregon	1,598	17,823	715,934
Pennsylvania	4,365	60,755	2,670,093
Rhode Island	275	2,464	106,622
South Carolina	1,228	17,042	668,789
South Dakota	831	4,739	184,886
Tennessee	2,027	50,787	2,005,383
Texas	7,899	117,812	5,175,858
Utah	1,376	22,691	875,584
Vermont	298	2,103	87,521
Virginia	2,587	28,346	1,137,724
Washington	2,386	24,810	1,010,761
West Virginia	813	6,847	265,520
Wisconsin	3,459	49,147	2,079,718
Wyoming	626	5,374	265,572
<b>United States, total</b>	<b>110,267</b>	<b>1,332,250</b>	<b>55,067,067</b>

**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, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.

**Table 6-5: Transit and Ground Passenger Transportation Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	87	1,712	36,114
Alaska	81	1,310	29,671
Arizona	254	8,224	253,119
Arkansas	58	999	19,576
California	1,879	39,973	1,135,650
Colorado	201	4,738	122,618
Connecticut	400	13,257	360,379
Delaware	141	1,895	29,302
District of Columbia	41	1,135	42,681
Florida	945	11,653	308,786
Georgia	339	4,839	129,068
Hawaii	103	3,945	137,671
Idaho	83	2,034	38,711
Illinois	1,022	26,266	529,490
Indiana	247	7,609	126,143
Iowa	102	1,712	54,707
Kansas	141	7,857	115,421
Kentucky	122	2,255	43,753
Louisiana	162	3,138	88,349
Maine	89	1,387	24,636
Maryland	672	10,472	267,410
Massachusetts	751	21,828	645,034
Michigan	333	6,173	166,704
Minnesota	515	14,841	287,203
Mississippi	90	1,812	32,343
Missouri	314	10,159	182,337
Montana	98	1,331	18,800
Nebraska	63	1,634	26,482
Nevada	141	13,264	384,488
New Hampshire	131	3,513	69,642
New Jersey	1,009	28,589	640,938
New Mexico	130	3,732	63,770
New York	2,875	68,351	2,080,383
North Carolina	316	5,399	138,811
North Dakota	64	1,848	34,291
Ohio	435	9,892	214,830
Oklahoma	72	1,116	22,473
Oregon	231	4,911	101,058
Pennsylvania	1,154	34,882	626,685
Rhode Island	94	2,372	50,315
South Carolina	144	1,648	38,970
South Dakota	72	1,079	18,607
Tennessee	286	4,922	130,617
Texas	681	16,256	390,152
Utah	79	1,527	29,480
Vermont	69	1,518	30,342
Virginia	397	7,238	211,806
Washington	274	6,253	156,099
West Virginia	42	363	5,511
Wisconsin	506	13,913	226,953
Wyoming	36	191	4,751
United States, total <sup>1</sup>	18,571	446,965	10,923,130

<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, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.

**Table 6-6: Pipeline Transportation Establishments and Employment: 2011**

State	Number of establishments	Number of paid employees	Annual payroll (\$ thousands)
Alabama	75	848	78,956
Alaska	18	W	W
Arizona	42	W	W
Arkansas	62	725	50,018
California	98	W	W
Colorado	102	W	W
Connecticut	17	169	19,021
Delaware	2	W	W
District of Columbia	3	W	W
Florida	50	509	40,230
Georgia	58	W	W
Hawaii	1	W	W
Idaho	6	W	W
Illinois	121	1,282	126,513
Indiana	55	506	46,552
Iowa	59	410	34,623
Kansas	135	1,177	96,571
Kentucky	52	880	69,742
Louisiana	298	3,938	349,018
Maine	16	121	10,093
Maryland	15	W	W
Massachusetts	16	W	W
Michigan	63	W	W
Minnesota	61	500	42,788
Mississippi	111	1,003	81,051
Missouri	66	332	28,512
Montana	22	188	13,068
Nebraska	53	591	53,126
Nevada	7	W	4,433
New Hampshire	8	W	W
New Jersey	34	483	42,945
New Mexico	85	W	W
New York	71	324	26,480
North Carolina	31	276	21,790
North Dakota	40	607	50,936
Ohio	88	W	W
Oklahoma	168	1,974	182,943
Oregon	11	W	9,169
Pennsylvania	144	1,626	153,619
Rhode Island	3	W	W
South Carolina	20	188	15,098
South Dakota	13	92	9,299
Tennessee	70	W	W
Texas	750	14,843	1,799,205
Utah	21	W	W
Vermont	1	W	W
Virginia	69	W	44,101
Washington	28	305	30,916
West Virginia	83	W	W
Wisconsin	32	W	W
Wyoming	81	1,318	111,721
United States, total <sup>1</sup>	3,535	46,642	4,761,901

<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, County Business Patterns, available at [www.census.gov/econ/cbp](http://www.census.gov/econ/cbp) as of June 2014.

**Table 6-7: Freight Railroad Employment, Retirement, and Wages: 2011<sup>1</sup>**

State	Number of employees	Wages (\$ millions)	Number of retirement beneficiaries	Retirement payments (\$ millions)
Alabama	3,634	380	9,262	176
Alaska	525	47	226	4
Arizona	2,753	308	9,152	173
Arkansas	3,286	340	9,690	184
California	8,892	982	27,029	512
Colorado	2,813	316	7,554	143
Connecticut	113	10	2,587	49
Delaware	190	20	1,938	37
District of Columbia	10	1	427	8
Florida	4,911	525	28,729	545
Georgia	7,048	737	16,255	308
Hawaii	0	0	177	3
Idaho	1,364	143	4,435	84
Illinois	12,480	1,393	33,049	626
Indiana	5,954	626	15,384	292
Iowa	3,756	405	8,879	168
Kansas	5,239	606	13,543	257
Kentucky	4,226	452	14,425	273
Louisiana	3,007	319	7,173	136
Maine	704	62	2,645	50
Maryland	1,509	162	8,451	160
Massachusetts	777	74	3,716	70
Michigan	3,206	347	13,828	262
Minnesota	4,304	494	14,705	279
Mississippi	1,774	203	5,851	111
Missouri	7,017	790	18,612	353
Montana	2,614	297	5,594	106
Nebraska	11,735	1,309	12,445	236
Nevada	666	70	3,233	61
New Hampshire	203	18	847	16
New Jersey	1,123	113	8,593	163
New Mexico	1,615	193	4,297	81
New York	3,252	341	21,093	400
North Carolina	2,384	248	9,956	189
North Dakota	1,756	206	2,926	55
Ohio	7,317	759	25,135	476
Oklahoma	1,784	202	4,988	95
Oregon	1,995	210	7,787	148
Pennsylvania	6,977	707	33,128	628
Rhode Island	65	6	524	10
South Carolina	1,714	181	6,618	125
South Dakota	889	104	1,422	27
Tennessee	4,166	453	11,966	227
Texas	16,186	1,825	33,259	630
Utah	1,782	184	5,094	97
Vermont	168	14	750	14
Virginia	5,630	582	17,000	322
Washington	3,768	448	10,778	204
West Virginia	2,870	305	8,305	157
Wisconsin	3,036	351	9,173	174
Wyoming	2,753	311	3,058	58
United States, total	175,940	19,183	525,691	9,964

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

**NOTE:** Wages are estimated by multiplying average wage by number of employees in each state. For Class I railroads, average wages are estimated based on aggregate data which incorporates fringe benefits, assumed to be 37.5 percent of wages.

**SOURCE:** Association of American Railroads, *Railroad Ten-Year Trends 2002-2011*, available at [www.aar.org/StatisticsAndPublications](http://www.aar.org/StatisticsAndPublications) as of July 2014.

**Table 6-8: Transportation Expenditures by State and Local Governments: 2011**  
(Millions of current dollars)

State	Total	Highway	Transit	Air	Water
Alabama	2,578	2,211	67	188	112
Alaska	1,987	1,701	61	113	113
Arizona	3,742	2,504	655	583	Z
Arkansas	1,542	1,384	38	112	7
California	30,102	15,054	10,320	3,456	1,272
Colorado	3,860	2,413	783	664	Z
Connecticut	2,379	1,595	718	63	3
Delaware	716	546	126	7	37
District of Columbia	2,575	267	2,307	Z	Z
Florida	12,786	8,350	1,708	2,237	491
Georgia	4,776	2,913	701	949	213
Hawaii	1,283	568	390	276	49
Idaho	1,077	1,002	19	53	2
Illinois	11,807	7,149	3,435	1,223	Z
Indiana	3,215	2,713	170	312	20
Iowa	2,347	2,128	108	111	Z
Kansas	1,879	1,759	49	71	Z
Kentucky	2,560	2,280	136	136	8
Louisiana	3,799	3,021	214	266	298
Maine	1,079	935	16	118	11
Maryland	4,476	3,007	1,139	230	100
Massachusetts	3,554	2,584	330	534	106
Michigan	4,640	3,565	614	460	Z
Minnesota	4,225	3,603	281	311	30
Mississippi	1,866	1,685	18	114	49
Missouri	3,991	3,250	425	315	2
Montana	999	897	34	61	7
Nebraska	1,289	1,158	36	95	Z
Nevada	2,705	1,408	359	938	Z
New Hampshire	824	760	20	43	<0.5
New Jersey	6,690	4,388	2,225	50	27
New Mexico	1,421	1,194	141	86	Z
New York	32,771	11,109	19,176	2,020	466
North Carolina	4,798	3,861	475	431	31
North Dakota	998	948	12	38	Z
Ohio	6,264	5,090	787	356	30
Oklahoma	2,636	2,416	79	135	6
Oregon	3,083	2,029	643	258	154
Pennsylvania	12,182	9,082	2,564	458	78
Rhode Island	807	348	239	218	2
South Carolina	1,907	1,548	88	140	130
South Dakota	964	909	13	42	Z
Tennessee	3,175	2,393	247	531	3
Texas	15,873	10,971	2,998	1,457	447
Utah	2,799	1,837	767	194	Z
Vermont	715	593	29	93	<0.5
Virginia	5,872	3,695	552	1,273	353
Washington	7,032	4,061	1,995	487	489
West Virginia	1,422	1,315	49	57	1
Wisconsin	4,418	3,734	386	277	21
Wyoming	780	698	4	78	Z
<b>United States, total</b>	<b>241,268</b>	<b>154,632</b>	<b>58,748</b>	<b>22,719</b>	<b>5,168</b>

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

**NOTES:** Data are for fiscal year 2011. Most state government fiscal years end on June 30, except for four states with other ending dates: Alabama and Michigan (September 30), New York (March 31), and Texas (August 31). 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, 2010, and June 30, 2011. 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 [www.census.gov/govs/local](http://www.census.gov/govs/local) as of July 2014.

**Table 6-9: Transportation Revenues Collected by State and Local Governments: 2011**  
(Millions of current dollars)

State	Total	Highway <sup>1</sup>	Transit	Air	Water
Alabama	1,090	864	6	99	122
Alaska	370	186	6	120	58
Arizona	1,534	1,025	112	397	Z
Arkansas	712	641	4	64	3
California	15,701	9,924	1,943	2,499	1,335
Colorado	2,073	1,244	137	692	Z
Connecticut	817	728	46	42	1
Delaware	494	438	16	8	32
District of Columbia	929	86	843	Z	Z
Florida	8,264	5,807	298	1,774	386
Georgia	2,419	1,264	156	733	267
Hawaii	927	447	57	338	85
Idaho	442	410	3	28	1
Illinois	5,873	3,901	868	1,105	Z
Indiana	1,393	1,174	38	172	9
Iowa	1,081	1,000	26	55	Z
Kansas	782	736	5	40	Z
Kentucky	1,237	1,008	21	199	9
Louisiana	1,083	772	25	141	144
Maine	508	466	3	38	1
Maryland	2,132	1,699	185	204	45
Massachusetts	2,333	1,562	115	578	79
Michigan	2,555	2,045	85	425	Z
Minnesota	1,916	1,565	20	318	13
Mississippi	642	558	2	52	31
Missouri	1,431	1,035	70	324	2
Montana	404	373	2	25	4
Nebraska	601	545	6	50	Z
Nevada	1,038	540	87	412	Z
New Hampshire	490	445	4	40	Z
New Jersey	3,636	2,631	967	20	19
New Mexico	495	401	16	78	Z
New York	14,560	6,494	5,198	2,613	254
North Carolina	2,805	2,316	62	389	37
North Dakota	305	284	4	18	Z
Ohio	3,273	2,867	122	265	20
Oklahoma	1,463	1,343	7	106	7
Oregon	1,593	1,156	119	232	86
Pennsylvania	5,035	3,872	625	520	19
Rhode Island	296	205	31	58	1
South Carolina	1,072	829	12	103	129
South Dakota	211	199	1	11	Z
Tennessee	1,581	1,272	36	269	5
Texas	8,236	6,159	259	1,508	310
Utah	750	531	39	179	Z
Vermont	197	176	4	16	Z
Virginia	2,872	1,684	109	800	278
Washington	3,259	2,024	377	487	372
West Virginia	546	507	9	30	Z
Wisconsin	1,925	1,679	83	152	11
Wyoming	189	171	1	18	Z
United States, total	115,573	79,290	13,271	18,839	4,173

<sup>1</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 2011. Most state government fiscal years end on June 30, except for four states with other ending dates: Alabama and Michigan (September 30), New York (March 31), and Texas (August 31). 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, 2010, and June 30, 2011. 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 [www.census.gov/govs/local](http://www.census.gov/govs/local) as of July 2014.



**Table 6-10: Federal and State Funding of Public Transit: 2008, 2010, and 2012**  
(Thousands of current dollars)

State	2008		2010		2012	
	Federal	State	Federal	State	Federal	State
Alabama	62,505	0	46,559	0	44,278	0
Alaska	77,703	86,815	71,954	98,132	62,886	179,978
Arizona	186,106	11,780	169,253	0	142,128	0
Arkansas	27,933	3,790	26,364	4,023	26,459	3,477
California	1,191,982	2,299,579	1,298,998	1,731,333	1,514,724	1,849,194
Colorado	189,078	23,048	260,467	12,673	254,446	12,350
Connecticut	151,637	267,500	143,886	307,342	182,299	453,476
Delaware	17,894	86,233	24,168	81,526	15,343	82,731
District of Columbia	193,160	272,724	283,671	322,038	194,810	484,166
Florida	336,576	146,339	386,206	184,516	397,708	217,310
Georgia	162,810	6,141	184,225	2,173	174,445	2,920
Hawaii	60,973	0	77,183	0	259,158	0
Idaho	20,869	312	17,354	312	19,350	312
Illinois	548,007	519,300	570,978	589,000	509,332	814,448
Indiana	99,438	55,733	85,528	54,671	86,504	56,019
Iowa	40,623	13,281	50,744	10,889	38,947	12,899
Kansas	33,260	5,762	28,802	6,000	28,193	6,000
Kentucky	51,200	3,502	70,868	1,412	53,881	1,490
Louisiana	62,519	5,963	67,274	4,955	61,216	4,955
Maine	14,076	1,528	16,035	530	24,227	530
Maryland	190,310	844,417	191,192	889,306	231,827	1,086,510
Massachusetts	316,215	1,182,785	395,390	1,376,366	352,288	1,245,381
Michigan	150,255	200,087	146,171	198,430	183,572	240,437
Minnesota	155,980	249,253	116,589	270,639	195,772	309,427
Mississippi	35,066	1,600	25,431	1,600	23,609	1,600
Missouri	97,413	6,922	104,648	6,247	86,501	2,994
Montana	14,702	415	16,154	447	15,313	319
Nebraska	22,892	2,900	28,917	3,000	24,190	2,900
Nevada	52,793	0	49,385	0	45,022	107
New Hampshire	14,303	4,474	11,865	494	12,176	244
New Jersey	547,740	NR	685,717	1,157,687	523,244	918,027
New Mexico	30,838	9,297	35,541	18,417	35,203	6,665
New York	1,586,021	3,015,442	1,730,895	4,352,345	1,701,170	4,465,884
North Carolina	120,309	73,466	116,176	74,948	108,102	73,575
North Dakota	11,922	2,900	13,680	3,150	13,729	3,152
Ohio	179,053	15,817	192,156	10,839	173,313	7,300
Oklahoma	35,102	5,750	42,784	6,083	38,604	5,750
Oregon	165,425	39,921	166,601	108,055	177,176	32,670
Pennsylvania	409,290	1,145,567	424,423	1,225,108	406,059	1,091,936
Rhode Island	49,321	47,338	28,083	53,538	27,473	53,073
South Carolina	38,523	6,400	43,764	6,000	39,667	6,000
South Dakota	14,456	770	11,417	770	14,562	770
Tennessee	74,495	41,537	79,788	35,927	77,207	44,499
Texas	487,289	28,741	642,570	28,741	687,160	30,341
Utah	161,499	0	264,753	0	289,747	0
Vermont	10,671	5,899	18,817	6,328	5,914	6,843
Virginia	197,361	228,966	117,945	189,478	192,256	239,203
Washington	289,569	39,752	365,506	57,212	345,601	52,776
West Virginia	27,875	3,023	23,382	2,833	18,859	2,786
Wisconsin	81,038	125,180	84,708	132,066	69,540	117,852
Wyoming	8,023	2,496	8,090	2,496	9,233	2,522
United States, total	9,104,100	11,140,442	10,063,053	13,630,074	10,214,424	14,233,797

KEY: NR = not reported.

SOURCE: American Association of State Highway and Transportation Officials, *Survey of State Funding for Public Transportation*, July 2014.

**Table 6-11: Average Motor Gasoline Prices Excluding Taxes, All Grades: 2008–2010**  
(Cents per gallon excluding taxes)

State	2008	2009	2010
Alabama	276.7	182.8	225.2
Alaska	339.1	260.9	311.7
Arizona	278.0	190.0	234.7
Arkansas	270.3	176.0	224.7
California	290.6	212.2	252.7
Colorado	276.6	185.2	224.6
Connecticut	280.4	194.4	241.5
Delaware	275.5	187.4	231.2
District of Columbia	280.8	NA	239.6
Florida	276.2	186.0	228.4
Georgia	279.3	185.0	227.4
Hawaii	317.1	235.0	290.1
Idaho	281.9	189.8	242.7
Illinois	279.2	191.4	234.7
Indiana	273.4	186.5	226.7
Iowa	272.3	187.9	228.5
Kansas	267.6	181.3	223.3
Kentucky	276.2	188.2	229.6
Louisiana	277.0	185.4	225.2
Maine	284.8	198.4	236.0
Maryland	280.8	188.3	231.5
Massachusetts	282.0	196.9	235.8
Michigan	273.8	187.9	228.2
Minnesota	270.0	187.7	231.6
Mississippi	272.6	184.0	226.0
Missouri	267.5	182.5	224.3
Montana	280.4	190.9	238.6
Nebraska	266.8	185.8	229.5
Nevada	282.9	200.0	240.3
New Hampshire	280.9	194.0	237.5
New Jersey	281.7	192.2	235.0
New Mexico	281.9	195.3	236.2
New York	282.8	191.7	234.4
North Carolina	274.3	181.9	223.7
North Dakota	278.2	197.1	242.2
Ohio	269.5	185.3	225.9
Oklahoma	268.5	182.1	224.8
Oregon	292.4	205.7	245.8
Pennsylvania	274.2	188.0	229.7
Rhode Island	272.9	189.6	232.9
South Carolina	276.2	181.7	223.3
South Dakota	274.1	191.3	234.6
Tennessee	273.6	181.1	223.8
Texas	271.3	182.5	223.4
Utah	277.8	190.4	241.5
Vermont	292.5	198.9	242.2
Virginia	275.4	186.6	229.1
Washington	285.6	201.2	241.6
West Virginia	282.5	192.7	235.4
Wisconsin	273.9	188.5	229.2
Wyoming	283.9	187.3	234.3
United States, total	277.2	189.3	231.6

KEY: NA = Not available.

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

SOURCE: U.S. Department of Energy, Energy Information Administration, Gasoline Prices by Formulation, Grade, Sales Type available at [www.eia.gov/dnav/pet/pet\\_pri\\_allmg\\_a\\_epm0\\_pta\\_dpgal\\_a.htm](http://www.eia.gov/dnav/pet/pet_pri_allmg_a_epm0_pta_dpgal_a.htm) as of June 2013.

**Table 6-12: State Motor-Fuel Tax Rates: 2012**  
(Cents per gallon)

State	Gasoline	Diesel	Liquefied petroleum gas	Gasohol
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	36.00	13.00	6.00	36.00
Colorado	22.00	20.50	20.50	22.00
Connecticut	25.00	51.20	0.00	25.00
Delaware	23.00	22.00	22.00	23.00
District of Columbia	23.50	23.50	20.00	23.50
Florida	16.60	16.60	14.50	16.60
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	25.00
Illinois	19.00	21.50	19.00	19.00
Indiana	18.00	16.00	0.00	18.00
Iowa	21.00	22.50	20.00	19.00
Kansas	24.00	26.00	23.00	24.00
Kentucky	28.50	25.50	28.50	28.50
Louisiana	20.00	20.00	16.00	20.00
Maine	30.00	31.20	0.00	23.00
Maryland	23.50	24.25	0.00	0.00
Massachusetts	21.00	21.00	21.20	21.00
Michigan	19.00	15.00	15.00	19.00
Minnesota	28.50	28.50	21.05	28.00
Mississippi	18.40	18.40	17.00	18.40
Missouri	17.00	17.00	17.00	17.00
Montana	27.75	28.50	0.00	23.75
Nebraska	26.20	26.20	26.30	26.20
Nevada	24.00	27.00	22.00	24.00
New Hampshire	19.63	19.63	0.00	18.00
New Jersey	10.50	13.50	5.25	10.50
New Mexico	18.88	22.88	12.00	18.88
New York	25.85	24.05	8.05	28.85
North Carolina	35.25	35.25	27.10	35.25
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	30.00	30.00	23.10	30.00
Pennsylvania	31.20	38.10	22.80	31.20
Rhode Island	32.00	32.00	32.00	32.00
South Carolina	16.00	16.00	16.00	16.00
South Dakota	22.00	22.00	20.00	8.00
Tennessee	20.00	17.00	14.00	20.00
Texas	20.00	20.00	15.00	20.00
Utah	24.50	24.50	24.50	24.50
Vermont	20.00	29.00	0.00	0.00
Virginia	17.50	17.50	17.50	17.50
Washington	37.50	37.50	37.50	37.50
West Virginia	33.40	33.40	33.40	33.40
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

**NOTE:** Tax rates in effect as of July 2013. Only taxes that are levied as a dollar amount per volume of motor fuel are included. Taxes that apply to all petroleum products without distinguishing motor fuel are omitted. Local option taxes are included only when they have been adopted uniformly Statewide.

**SOURCE:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, MF-121T, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014.

# Chapter 7

## Energy and Environment





**Table 7-1: Transportation Energy Consumption by Energy Source: 2012**  
(Trillion Btu)

State	Natural gas <sup>1</sup>	Petroleum						Ethanol <sup>4</sup>	Electricity	Net energy <sup>4</sup>	Electrical system energy losses <sup>5</sup>	Total <sup>4</sup>
		Distillate fuel (diesel)	Jet fuel	Motor gasoline <sup>2,4</sup>	Residual fuel	Other <sup>3</sup>	Total petroleum					
Alabama	26.0	120.3	12.4	314.1	6.6	2.9	456.4	15.0	0.0	482.3	0.0	482.3
Alaska	4.0	37.1	113.2	33.9	0.4	0.8	185.4	2.5	0.0	189.5	0.0	189.5
Arizona	14.4	107.0	21.6	317.1	0.0	3.4	449.1	27.9	0.0	463.5	0.0	463.5
Arkansas	10.6	91.1	5.6	170.7	0.0	2.7	270.0	10.2	<0.05	280.6	<0.05	280.6
California	28.2	424.9	535.7	1,762.3	167.1	18.5	2,908.4	98.7	2.3	2,938.9	4.3	2,943.2
Colorado	11.5	83.4	60.1	255.6	0.0	2.7	401.8	12.5	0.2	413.5	0.4	413.9
Connecticut	4.9	38.5	9.6	176.3	0.2	1.3	226.0	13.0	0.7	231.6	1.2	232.8
Delaware	1.1	8.0	0.8	51.7	1.5	1.3	63.3	3.3	0.0	64.4	0.0	64.4
District of Columbia	2.0	2.2	0.0	11.7	0.0	0.3	14.2	0.6	1.1	17.3	2.4	19.7
Florida	16.8	216.8	188.1	991.7	66.5	7.2	1,470.3	64.5	0.3	1,487.3	0.5	1,487.9
Georgia	11.8	168.0	63.8	571.8	39.1	4.8	847.5	38.7	0.5	859.8	1.1	860.9
Hawaii	<0.05	19.1	64.1	54.2	5.7	0.4	143.5	4.3	0.0	143.5	0.0	143.5
Idaho	6.0	39.4	4.1	82.4	0.0	1.0	126.9	4.2	0.0	132.9	0.0	132.9
Illinois	22.8	211.7	139.9	561.2	0.1	9.9	922.8	39.9	1.9	947.5	4.2	951.7
Indiana	7.3	185.4	48.3	359.2	0.9	4.4	598.2	24.2	0.1	605.6	0.2	605.7
Iowa	10.3	95.2	6.2	183.4	0.0	3.1	287.9	7.6	0.0	298.2	0.0	298.2
Kansas	20.3	80.4	15.6	149.6	0.0	3.8	249.5	9.4	0.0	269.8	0.0	269.8
Kentucky	7.5	129.8	51.0	261.0	0.0	3.1	444.9	16.8	0.0	452.4	0.0	452.4
Louisiana	49.9	151.3	108.2	269.2	81.3	3.7	613.7	18.2	<0.05	663.6	0.1	663.7
Maine	0.8	27.2	6.7	78.9	3.1	0.9	116.8	6.1	0.0	117.5	0.0	117.5
Maryland	7.9	74.8	11.9	330.6	1.1	1.9	420.2	19.7	1.8	429.9	4.1	434.0
Massachusetts	4.6	62.3	37.8	338.4	1.0	2.6	442.2	22.7	1.2	448.0	2.3	450.3
Michigan	20.7	122.3	20.6	544.0	1.4	8.0	696.3	36.9	<0.05	717.0	0.1	717.0
Minnesota	13.1	104.7	50.9	304.6	0.4	4.5	465.1	19.7	0.1	478.2	0.1	478.4
Mississippi	29.2	93.6	38.4	198.9	6.7	1.8	339.4	12.0	0.0	368.6	0.0	368.6
Missouri	5.0	146.4	19.5	374.6	0.0	6.0	546.5	17.6	0.1	551.6	0.2	551.7
Montana	7.2	42.2	5.3	60.6	0.0	1.2	109.3	3.9	0.0	116.4	0.0	116.4
Nebraska	7.8	81.9	5.1	100.2	0.0	1.9	189.1	4.9	0.0	196.9	0.0	196.9
Nevada	7.1	40.8	25.4	131.9	<0.05	1.0	199.1	9.2	<0.05	206.2	<0.05	206.2
New Hampshire	0.1	13.1	2.1	85.1	0.0	0.5	100.7	4.8	0.0	100.8	0.0	100.8
New Jersey	4.9	118.4	179.2	495.1	40.3	3.9	836.9	37.3	1.0	842.8	2.0	844.8
New Mexico	7.9	72.1	6.5	116.3	0.0	1.5	196.5	5.9	0.0	204.4	0.0	204.4
New York	22.2	160.7	146.4	657.5	31.4	6.0	1,002.0	48.1	9.4	1,033.5	17.0	1,050.5
North Carolina	5.5	135.7	22.2	511.8	<0.05	6.9	676.6	35.9	<0.05	682.2	0.1	682.2
North Dakota	16.6	59.0	5.6	52.2	0.0	1.0	117.8	3.0	0.0	134.5	0.0	134.5
Ohio	10.0	230.9	71.9	600.4	0.0	7.8	910.9	41.4	0.1	921.0	0.2	921.3
Oklahoma	34.5	148.5	38.9	231.9	0.0	4.5	423.8	12.5	0.0	458.3	0.0	458.3
Oregon	4.8	90.6	25.5	177.2	5.1	3.3	301.6	14.1	0.1	306.5	0.2	306.7
Pennsylvania	39.1	223.0	46.4	607.6	7.5	7.2	891.6	32.6	3.0	933.7	6.1	939.8
Rhode Island	1.1	8.8	3.9	44.3	<0.05	0.4	57.5	4.5	0.1	58.7	0.1	58.8
South Carolina	3.5	92.1	8.5	322.8	13.8	2.0	439.2	21.5	0.0	442.7	0.0	442.7
South Dakota	6.5	33.4	5.2	54.5	0.0	1.5	94.7	3.0	0.0	101.2	0.0	101.2
Tennessee	10.1	144.4	65.1	382.0	0.3	4.4	596.3	26.2	<0.05	606.3	<0.05	606.3
Texas	166.7	710.9	354.0	1,504.7	120.3	13.4	2,703.2	95.1	0.2	2,870.1	0.5	2,870.6
Utah	13.8	68.2	31.6	128.8	0.0	1.4	230.0	6.8	0.1	244.0	0.3	244.2
Vermont	0.1	9.7	1.3	38.1	0.0	0.3	49.4	3.0	0.0	49.5	0.0	49.5
Virginia	10.1	149.8	95.7	480.0	6.7	3.1	735.3	32.5	0.6	746.0	1.4	747.3
Washington	9.7	112.2	109.7	322.1	62.2	3.9	610.1	26.4	<0.05	619.8	<0.05	619.8
West Virginia	34.5	42.8	1.1	98.7	0.0	1.3	143.9	6.4	<0.05	178.5	<0.05	178.5
Wisconsin	1.9	109.3	8.5	300.6	0.0	3.9	422.3	18.1	0.0	424.1	0.0	424.1
Wyoming	17.3	56.8	2.2	41.5	0.0	2.2	102.7	2.0	0.0	120.0	0.0	120.0
United States, total	779.5	5,796.0	2,901.4	16,293.0	670.5	185.6	25,846.6	1,045.6	25.0	26,651.0	48.9	26,700.0

<sup>1</sup>Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and gas 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

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

**SOURCE:** U.S. Department of Energy, Energy Information Administration, State Energy Data System, Consumption Estimates, available at [www.eia.gov/state/seds](http://www.eia.gov/state/seds) as of June 2014.

**Table 7-2: Energy Consumption by End-Use Sector: 2012**  
(Trillion Btu)

State	Total energy consumed <sup>1</sup>	End-use sectors <sup>2</sup>							
		Transportation		Residential		Commercial		Industrial	
		Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent	Trillion Btu	Percent
Alabama	1,904.7	482.3	25.3	338.1	17.8	245.0	12.9	839.3	44.1
Alaska	637.3	189.5	29.7	54.6	8.6	69.7	10.9	323.5	50.8
Arizona	1,407.0	463.5	32.9	385.6	27.4	340.7	24.2	217.2	15.4
Arkansas	1,064.3	280.6	26.4	221.7	20.8	170.1	16.0	391.8	36.8
California	7,640.7	2,943.2	38.5	1,472.4	19.3	1,481.0	19.4	1,744.2	22.8
Colorado	1,452.4	413.9	28.5	336.8	23.2	276.6	19.0	425.1	29.3
Connecticut	730.3	232.8	31.9	234.2	32.1	183.3	25.1	80.0	11.0
Delaware	273.6	64.4	23.5	62.3	22.8	56.7	20.7	90.2	33.0
District of Columbia	169.3	19.7	11.7	34.8	20.6	111.9	66.1	2.8	1.7
Florida	4,064.9	1,487.9	36.6	1,146.3	28.2	957.2	23.5	473.6	11.6
Georgia	2,790.8	860.9	30.8	671.7	24.1	537.0	19.2	721.2	25.8
Hawaii	280.3	143.5	51.2	35.3	12.6	38.0	13.6	63.5	22.7
Idaho	519.2	132.9	25.6	116.5	22.4	83.2	16.0	186.7	36.0
Illinois	3,863.8	951.7	24.6	915.0	23.7	764.4	19.8	1,232.7	31.9
Indiana	2,785.6	605.7	21.7	520.0	18.7	361.5	13.0	1,298.5	46.6
Iowa	1,449.6	298.2	20.6	224.0	15.5	199.6	13.8	727.7	50.2
Kansas	1,126.6	269.8	23.9	220.8	19.6	208.1	18.5	428.0	38.0
Kentucky	1,870.6	452.4	24.2	361.3	19.3	252.3	13.5	804.6	43.0
Louisiana	3,908.6	663.7	17.0	339.2	8.7	277.5	7.1	2,628.2	67.2
Maine	379.1	117.5	31.0	81.2	21.4	61.4	16.2	119.0	31.4
Maryland	1,386.4	434.0	31.3	401.0	28.9	418.7	30.2	132.8	9.6
Massachusetts	1,386.0	450.3	32.5	408.6	29.5	270.3	19.5	256.8	18.5
Michigan	2,704.5	717.0	26.5	701.9	26.0	580.6	21.5	705.0	26.1
Minnesota	1,824.3	478.4	26.2	373.3	20.5	331.1	18.1	641.6	35.2
Mississippi	1,133.4	368.6	32.5	194.0	17.1	149.5	13.2	421.2	37.2
Missouri	1,812.6	551.7	30.4	491.1	27.1	397.6	21.9	372.1	20.5
Montana	391.7	116.4	29.7	80.5	20.6	75.3	19.2	119.4	30.5
Nebraska	860.6	196.9	22.9	147.0	17.1	131.9	15.3	384.8	44.7
Nevada	640.0	206.2	32.2	154.9	24.2	117.7	18.4	161.2	25.2
New Hampshire	283.9	100.8	35.5	81.3	28.6	66.4	23.4	35.4	12.5
New Jersey	2,271.9	844.8	37.2	552.4	24.3	600.2	26.4	274.4	12.1
New Mexico	687.0	204.4	29.8	116.0	16.9	125.6	18.3	241.1	35.1
New York	3,513.4	1,050.5	29.9	1,023.6	29.1	1,099.9	31.3	339.3	9.7
North Carolina	2,482.9	682.2	27.5	676.3	27.2	572.4	23.1	552.0	22.2
North Dakota	552.9	134.5	24.3	64.3	11.6	73.8	13.3	280.4	50.7
Ohio	3,686.4	921.3	25.0	863.6	23.4	675.5	18.3	1,226.1	33.3
Oklahoma	1,568.8	458.3	29.2	290.0	18.5	244.4	15.6	576.1	36.7
Oregon	985.9	306.7	31.1	246.4	25.0	187.7	19.0	245.2	24.9
Pennsylvania	3,630.8	939.8	25.9	867.0	23.9	609.3	16.8	1,214.7	33.5
Rhode Island	181.6	58.8	32.4	59.8	32.9	44.0	24.2	19.0	10.4
South Carolina	1,571.2	442.7	28.2	339.9	21.6	259.1	16.5	529.6	33.7
South Dakota	376.4	101.2	26.9	65.1	17.3	61.1	16.2	149.0	39.6
Tennessee	2,097.2	606.3	28.9	497.9	23.7	361.8	17.3	631.2	30.1
Texas	12,281.9	2,870.6	23.4	1,599.0	13.0	1,553.9	12.7	6,258.4	51.0
Utah	792.2	244.2	30.8	161.0	20.3	154.8	19.5	232.2	29.3
Vermont	128.9	49.5	38.4	37.3	29.0	23.0	17.8	19.1	14.8
Virginia	2,355.6	747.3	31.7	579.7	24.6	590.8	25.1	437.6	18.6
Washington	2,056.7	619.8	30.1	479.6	23.3	375.1	18.2	582.1	28.3
West Virginia	722.7	178.5	24.7	158.7	22.0	110.0	15.2	275.4	38.1
Wisconsin	1,733.9	424.1	24.5	396.7	22.9	342.3	19.7	570.7	32.9
Wyoming	546.9	120.0	21.9	45.1	8.3	64.0	11.7	317.8	58.1
United States, total	94,970.9	26,700.0	28.1	19,924.7	21.0	17,342.7	18.3	31,003.5	32.6

<sup>1</sup>U.S. total energy and U.S. industrial sector include 4.0 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, Consumption Estimates, available at [www.eia.gov/state/seds](http://www.eia.gov/state/seds) as of June 2014.

**Table 7-3: Transportation Energy Consumption per Capita: 2012**

State	Population (thousands)	Petroleum		All energy sources	
		Total (trillion Btu)	Per capita (million Btu)	Total (trillion Btu)	Per capita (million Btu)
Alabama	4,822.0	456.4	94.6	482.3	100.0
Alaska	731.4	185.4	253.5	189.5	259.0
Arizona	6,553.3	449.1	68.5	463.5	70.7
Arkansas	2,949.1	270.0	91.6	280.6	95.2
California	38,041.4	2,908.4	76.5	2,943.2	77.4
Colorado	5,187.6	401.8	77.5	413.9	79.8
Connecticut	3,590.3	226.0	62.9	232.8	64.8
Delaware	917.1	63.3	69.0	64.4	70.2
District of Columbia	632.3	14.2	22.4	19.7	31.2
Florida	19,317.6	1,470.3	76.1	1,487.9	77.0
Georgia	9,919.9	847.5	85.4	860.9	86.8
Hawaii	1,392.3	143.5	103.1	143.5	103.1
Idaho	1,595.7	126.9	79.5	132.9	83.3
Illinois	12,875.3	922.8	71.7	951.7	73.9
Indiana	6,537.3	598.2	91.5	605.7	92.7
Iowa	3,074.2	287.9	93.7	298.2	97.0
Kansas	2,885.9	249.5	86.4	269.8	93.5
Kentucky	4,380.4	444.9	101.6	452.4	103.3
Louisiana	4,601.9	613.7	133.4	663.7	144.2
Maine	1,329.2	116.8	87.8	117.5	88.4
Maryland	5,884.6	420.2	71.4	434.0	73.8
Massachusetts	6,646.1	442.2	66.5	450.3	67.7
Michigan	9,883.4	696.3	70.4	717.0	72.5
Minnesota	5,379.1	465.1	86.5	478.4	88.9
Mississippi	2,984.9	339.4	113.7	368.6	123.5
Missouri	6,022.0	546.5	90.7	551.7	91.6
Montana	1,005.1	109.3	108.7	116.4	115.8
Nebraska	1,855.5	189.1	101.9	196.9	106.1
Nevada	2,758.9	199.1	72.2	206.2	74.8
New Hampshire	1,320.7	100.7	76.3	100.8	76.4
New Jersey	8,864.6	836.9	94.4	844.8	95.3
New Mexico	2,085.5	196.5	94.2	204.4	98.0
New York	19,570.3	1,002.0	51.2	1,050.5	53.7
North Carolina	9,752.1	676.6	69.4	682.2	70.0
North Dakota	699.6	117.8	168.4	134.5	192.2
Ohio	11,544.2	910.9	78.9	921.3	79.8
Oklahoma	3,814.8	423.8	111.1	458.3	120.1
Oregon	3,899.4	301.6	77.4	306.7	78.6
Pennsylvania	12,763.5	891.6	69.9	939.8	73.6
Rhode Island	1,050.3	57.5	54.7	58.8	56.0
South Carolina	4,723.7	439.2	93.0	442.7	93.7
South Dakota	833.4	94.7	113.6	101.2	121.4
Tennessee	6,456.2	596.3	92.4	606.3	93.9
Texas	26,059.2	2,703.2	103.7	2,870.6	110.2
Utah	2,855.3	230.0	80.6	244.2	85.5
Vermont	626.0	49.4	78.9	49.5	79.1
Virginia	8,185.9	735.3	89.8	747.3	91.3
Washington	6,897.0	610.1	88.5	619.8	89.9
West Virginia	1,855.4	143.9	77.6	178.5	96.2
Wisconsin	5,726.4	422.3	73.7	424.1	74.1
Wyoming	576.4	102.7	178.2	120.0	208.1
United States	313,914.0	25,846.6	82.3	26,700.0	85.1

**KEY:** Btu = British thermal unit

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

**SOURCE:** Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014. Consumption: U.S. Department of Energy, Energy Information Administration, State Energy Data System, Consumption Estimates, available at [www.eia.gov/state/seds](http://www.eia.gov/state/seds) as of June 2014.



**Table 7-4: Motor-Fuel Use: 2012**  
(Millions of gallons)

State	Gasoline				Special fuel (mainly diesel)	Total use			Total Gallons Per Capita	
	Highway use		Nonhighway use			Private and commercial	Private and commercial	Public use		Combined total
	Private and commercial	Public use	Private and commercial	Public use						
Alabama	2,482	39	53	2	731	3,266	41	3,306	686	
Alaska	260	8	21	<0.5	156	437	8	445	608	
Arizona	2,516	39	60	2	766	3,342	41	3,383	516	
Arkansas	1,340	27	52	1	607	1,998	28	2,026	687	
California	13,998	223	294	11	2,748	17,040	234	17,274	454	
Colorado	2,028	37	49	2	559	2,635	39	2,674	516	
Connecticut	1,394	21	33	1	269	1,697	22	1,719	479	
Delaware	399	7	28	<0.5	61	487	7	495	539	
District of Columbia	88	6	2	<0.5	17	107	6	113	179	
Florida	7,777	109	259	5	1,358	9,395	114	9,509	492	
Georgia	4,547	63	78	3	1,130	5,756	66	5,822	587	
Hawaii	426	10	8	1	50	485	11	496	356	
Idaho	647	14	36	1	259	942	15	956	599	
Illinois	4,427	94	123	5	1,425	5,975	98	6,073	472	
Indiana	2,842	51	91	3	1,261	4,195	54	4,249	650	
Iowa	1,443	31	160	2	658	2,262	33	2,295	746	
Kansas	1,179	29	39	1	475	1,693	30	1,723	597	
Kentucky	2,061	37	48	2	768	2,877	39	2,915	666	
Louisiana	2,112	37	74	2	675	2,862	39	2,900	630	
Maine	622	10	22	1	190	834	11	845	636	
Maryland	2,627	30	53	1	510	3,189	32	3,221	547	
Massachusetts	2,689	38	51	2	423	3,163	40	3,203	482	
Michigan	4,281	69	107	3	841	5,229	72	5,301	536	
Minnesota	2,383	46	122	2	691	3,195	49	3,244	603	
Mississippi	1,571	27	41	1	579	2,190	29	2,219	743	
Missouri	2,962	49	65	2	968	3,995	52	4,047	672	
Montana	477	11	18	1	262	757	11	768	765	
Nebraska	788	19	37	1	421	1,245	20	1,265	682	
Nevada	1,049	15	19	1	300	1,368	16	1,384	501	
New Hampshire	672	10	18	<0.5	92	782	10	792	600	
New Jersey	3,928	54	75	3	787	4,789	57	4,845	547	
New Mexico	922	18	21	1	513	1,456	19	1,475	707	
New York	5,163	109	149	5	1,368	6,681	114	6,795	347	
North Carolina	4,045	61	159	3	957	5,162	64	5,226	536	
North Dakota	411	9	18	<0.5	378	807	9	816	1,166	
Ohio	4,739	85	101	4	1,466	6,307	89	6,396	554	
Oklahoma	1,825	35	63	2	817	2,705	36	2,741	719	
Oregon	1,396	28	44	1	513	1,953	29	1,982	508	
Pennsylvania	4,818	78	111	4	1,530	6,459	82	6,541	512	
Rhode Island	346	8	9	<0.5	58	412	9	421	401	
South Carolina	2,544	31	63	1	663	3,269	32	3,302	699	
South Dakota	428	10	21	1	228	678	11	689	826	
Tennessee	3,026	48	59	2	883	3,968	50	4,018	622	
Texas	11,974	170	292	8	4,438	16,704	178	16,882	648	
Utah	1,015	22	24	1	474	1,513	23	1,536	538	
Vermont	301	6	8	<0.5	60	369	6	376	600	
Virginia	3,808	56	67	3	1,004	4,879	58	4,937	603	
Washington	2,545	41	76	2	616	3,237	43	3,279	475	
West Virginia	778	17	13	1	295	1,086	18	1,104	595	
Wisconsin	2,360	47	73	2	754	3,187	49	3,236	565	
Wyoming	327	7	37	<0.5	363	728	7	735	1,275	
United States	128,789	2,146	3,543	104	37,415	169,747	2,250	171,996	548	

**NOTES:** Consumption 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. Estimates may not be comparable to data for prior years due to revised estimation procedures. 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:** Motor-fuel use: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, MF-21, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of June 2014. Population: U.S. Department of Commerce, U.S. Census Bureau, Population Estimates, available at [www.census.gov/popest](http://www.census.gov/popest) as of June 2014.

**Table 7-5: Alternative Fuel Vehicles in Use by Fuel Type: 2011**  
(Number of vehicles)

State	Total vehicle registrations	Alternative fuel vehicles						Percentage of total vehicle registrations
		Liquefied petroleum gases	Natural gas <sup>1</sup>	Ethanol <sup>2</sup>	Electricity <sup>3</sup>	Hydrogen	Total	
Alabama	4,811,943	1,987	892	11,957	565	0	15,401	0.32
Alaska	757,954	76	235	2,778	57	0	3,146	0.42
Arizona	5,109,254	4,831	10,224	32,372	4,896	0	52,323	1.02
Arkansas	2,448,310	1,171	386	3,640	150	0	5,347	0.22
California	29,176,697	16,134	45,247	79,392	35,458	388	176,619	0.61
Colorado	4,332,251	3,621	1,038	18,810	292	0	23,761	0.55
Connecticut	2,828,794	265	386	8,318	153	0	9,122	0.32
Delaware	929,415	52	21	5,204	0	0	5,277	0.57
District of Columbia	316,231	0	1,531	15,157	354	0	17,042	5.39
Florida	15,469,189	5,211	2,518	36,032	770	0	44,531	0.29
Georgia	7,533,735	6,590	2,071	24,183	665	0	33,509	0.44
Hawaii	1,148,041	809	0	6,122	407	3	7,341	0.64
Idaho	1,625,204	371	387	6,936	50	0	7,744	0.48
Illinois	10,445,208	2,018	2,148	38,439	260	0	42,865	0.41
Indiana	6,132,772	2,937	427	12,488	14	0	15,866	0.26
Iowa	3,496,576	489	0	11,206	88	0	11,783	0.34
Kansas	2,445,966	662	184	7,028	212	0	8,086	0.33
Kentucky	3,763,027	909	18	14,084	117	0	15,128	0.40
Louisiana	4,052,596	4,013	333	14,501	614	0	19,461	0.48
Maine	1,171,280	744	23	2,327	17	0	3,111	0.27
Maryland	3,905,629	265	2,046	24,538	1,261	0	28,110	0.72
Massachusetts	5,695,327	281	2,102	6,946	1,832	0	11,161	0.20
Michigan	9,182,847	2,980	604	26,803	1,161	0	31,548	0.34
Minnesota	4,909,634	1,810	162	19,282	197	0	21,451	0.44
Mississippi	2,036,524	1,462	37	9,665	172	0	11,336	0.56
Missouri	5,169,994	3,647	72	26,081	234	0	30,034	0.58
Montana	1,219,158	301	13	4,756	31	0	5,101	0.42
Nebraska	1,886,956	406	334	6,246	19	0	7,005	0.37
Nevada	2,152,407	3,207	1,527	8,204	230	17	13,185	0.61
New Hampshire	1,278,484	1,386	103	1,505	69	0	3,063	0.24
New Jersey	7,939,956	3,109	3,885	21,909	314	0	29,217	0.37
New Mexico	1,772,040	2,436	661	19,753	88	0	22,938	1.29
New York	10,430,559	3,260	10,607	24,384	6,852	0	45,103	0.43
North Carolina	6,249,592	4,651	648	37,322	1,292	0	43,913	0.70
North Dakota	785,866	157	18	4,955	0	0	5,130	0.65
Ohio	10,217,277	3,093	945	25,493	528	0	30,059	0.29
Oklahoma	3,428,689	1,154	3,725	8,270	504	0	13,653	0.40
Oregon	3,128,120	917	1,452	12,726	1,124	0	16,219	0.52
Pennsylvania	10,302,980	812	1,598	22,484	121	0	25,015	0.24
Rhode Island	918,823	8	1,151	2,411	388	0	3,958	0.43
South Carolina	3,827,208	1,891	264	21,252	372	0	23,779	0.62
South Dakota	995,423	635	4	8,217	31	0	8,887	0.89
Tennessee	5,302,335	693	376	20,106	517	0	21,692	0.41
Texas	19,617,055	39,182	11,185	66,475	2,071	0	118,913	0.61
Utah	1,883,410	375	4,325	8,537	157	0	13,394	0.71
Vermont	605,054	81	37	2,238	601	0	2,957	0.49
Virginia	6,998,385	1,632	1,695	32,057	790	0	36,174	0.52
Washington	5,880,793	1,411	2,346	19,423	383	0	23,563	0.40
West Virginia	1,458,222	223	9	2,659	62	0	2,953	0.20
Wisconsin	5,244,195	2,436	788	13,502	56	0	16,782	0.32
Wyoming	798,296	179	466	3,506	18	0	4,169	0.52
United States, total	253,215,681	136,970	121,254	862,679	66,614	408	1,187,925	0.47

<sup>1</sup>Includes vehicles using compressed natural gas (CNG) and liquefied natural gas (LNG).

<sup>2</sup>Includes only those E85 vehicles believed to be used as alternative-fuels vehicles (AFVs), primarily fleet-operated vehicles; excludes other vehicles with E85-fueling capability.

<sup>3</sup>Excludes gasoline-electric hybrids.

**NOTE:** Totals may not equal sum of components due to alternative fuel vehicles with unknown state.

**SOURCE:** Alternative fuel vehicles: U.S. Department of Energy, Energy Information Administration, Renewable & Alternative Fuels, Alternative Vehicle Fuel Data, available at [www.eia.gov/renewable/afv](http://www.eia.gov/renewable/afv) as of May 2014. Vehicle registrations: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, MV-1, available at [www.fhwa.dot.gov/policyinformation/statistics.cfm](http://www.fhwa.dot.gov/policyinformation/statistics.cfm) as of May 2014.

**Table 7-6: Alternative Fuel Stations by Fuel Type: 2012**

State	Compressed		Liquefied petroleum		Electric <sup>1</sup>	Biodiesel	Hydrogen	Liquefied		Total <sup>2</sup>
	natural gas	85% Ethanol	gas					natural gas		
Alabama	15	28	94	48	11	0	0	2	198	
Alaska	1	0	7	4	0	0	0	0	12	
Arizona	33	32	63	527	20	1	6	682		
Arkansas	5	33	44	36	4	0	0	122		
California	256	71	227	3,573	69	24	41	4,261		
Colorado	36	84	59	206	21	1	0	407		
Connecticut	16	1	15	150	2	2	1	187		
Delaware	1	1	3	14	1	0	0	20		
District of Columbia	2	3	0	105	2	0	0	112		
Florida	28	51	68	862	15	0	0	1,024		
Georgia	23	59	46	193	26	0	0	347		
Hawaii	1	3	3	315	8	3	0	333		
Idaho	8	9	27	11	7	0	0	62		
Illinois	36	206	97	471	10	1	0	821		
Indiana	15	157	181	166	8	0	0	527		
Iowa	2	188	20	72	7	0	0	289		
Kansas	6	32	36	67	7	0	0	148		
Kentucky	4	35	43	36	3	0	0	121		
Louisiana	18	4	21	61	2	0	1	107		
Maine	1	1	9	21	4	0	0	36		
Maryland	9	22	18	406	9	0	0	464		
Massachusetts	20	8	20	414	6	1	0	469		
Michigan	19	129	75	651	18	4	0	896		
Minnesota	8	360	37	150	9	0	0	564		
Mississippi	2	1	138	38	3	0	0	182		
Missouri	11	110	64	120	4	1	0	310		
Montana	2	3	41	2	6	0	0	54		
Nebraska	8	77	22	8	3	0	0	118		
Nevada	7	19	39	55	5	2	1	128		
New Hampshire	3	0	11	42	3	0	0	59		
New Jersey	27	5	10	188	5	0	0	235		
New Mexico	10	14	49	31	8	0	0	112		
New York	111	84	35	520	21	9	0	780		
North Carolina	30	30	64	465	137	0	0	726		
North Dakota	2	79	18	4	3	0	0	106		
Ohio	24	88	71	149	21	1	1	355		
Oklahoma	91	27	54	26	5	0	0	203		
Oregon	14	8	33	775	25	0	0	855		
Pennsylvania	40	32	70	217	7	2	0	368		
Rhode Island	6	0	6	41	2	0	0	55		
South Carolina	7	84	34	210	33	2	0	370		
South Dakota	0	100	17	9	2	0	0	128		
Tennessee	8	43	75	738	44	0	0	908		
Texas	52	80	471	1,310	17	1	9	1,940		
Utah	88	4	26	67	3	0	3	191		
Vermont	3	1	4	28	1	0	0	37		
Virginia	16	18	58	300	14	2	0	408		
Washington	23	20	72	1,068	37	1	0	1,221		
West Virginia	0	4	9	37	2	0	0	52		
Wisconsin	31	126	51	185	4	0	1	398		
Wyoming	11	9	21	0	12	0	0	53		
United States, total	1,190	2,583	2,776	15,192	696	58	66	22,561		

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

<sup>2</sup>Total number of fuel types available at stations. Stations are counted once for each type of fuel available.

**NOTE:** Counts as of December 2012.

**SOURCE:** U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Alternative Fuels Data Center, Alternative Fueling Stations, available at <http://www.afdc.energy.gov/> as of May 2014.

**Table 7-7: Air Pollution in the 50 Largest Metropolitan Areas: 2008–2013**  
(Number of days with AQI value greater than 100)

Metropolitan area	AQI days > 100					
	2008	2009	2010	2011	2012	2013
Atlanta-Sandy Springs-Roswell, GA	34	18	29	46	19	3
Austin-Round Rock, TX	2	5	3	7	4	1
Baltimore-Columbia-Towson, MD	25	15	36	25	20	5
Birmingham-Hoover, AL	22	5	15	23	10	1
Boston-Cambridge-Newton, MA-NH	11	5	5	3	6	5
Buffalo-Cheektowaga-Niagara Falls, NY	4	2	3	2	8	1
Charlotte-Concord-Gastonia, NC-SC	26	4	15	18	11	0
Chicago-Naperville-Elgin, IL-IN-WI	56	34	38	27	47	12
Cincinnati, OH-KY-IN	23	11	30	47	43	11
Cleveland-Elyria, OH	61	63	74	75	59	13
Columbus, OH	11	1	8	11	14	2
Dallas-Fort Worth-Arlington, TX	34	34	18	40	36	33
Denver-Aurora-Lakewood, CO	33	8	17	21	26	23
Detroit-Warren-Dearborn, MI	21	12	27	20	38	7
Hartford-West Hartford-East Hartford, CT	10	3	9	8	16	11
Houston-The Woodlands-Sugar Land, TX	33	31	35	38	34	19
Indianapolis-Carmel-Anderson, IN	19	20	20	31	29	11
Jacksonville, FL	10	4	18	19	5	2
Kansas City, MO-KS	40	46	25	53	72	42
Las Vegas-Henderson-Paradise, NV	12	8	11	25	29	16
Los Angeles-Long Beach-Anaheim, CA	107	112	85	105	106	80
Louisville/Jefferson County, KY-IN	62	35	55	36	45	18
Memphis, TN-MS-AR	11	4	14	22	20	2
Miami-Fort Lauderdale-West Palm Beach, FL	6	2	4	9	2	3
Milwaukee-Waukesha-West Allis, WI	5	7	9	5	26	0
Minneapolis-St. Paul-Bloomington, MN-WI	4	8	9	2	5	2
Nashville-Davidson--Murfreesboro--Franklin, TN	12	1	10	13	23	1
New Orleans-Metairie, LA	82	95	68	89	44	25
New York-Newark-Jersey City, NY-NJ-PA	44	26	41	29	22	15
Oklahoma City, OK	5	5	3	27	23	3
Orlando-Kissimmee-Sanford, FL	2	1	2	8	1	0
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	39	15	38	20	27	11
Phoenix-Mesa-Scottsdale, AZ	191	67	44	121	94	87
Pittsburgh, PA	99	69	82	54	59	18
Portland-Vancouver-Hillsboro, OR-WA	9	15	2	17	2	16
Providence-Warwick, RI-MA	7	2	16	11	14	9
Raleigh, NC	11	0	3	7	5	0
Richmond, VA	19	1	11	12	12	1
Riverside-San Bernardino-Ontario, CA	153	145	139	151	153	130
Sacramento--Roseville--Arden-Arcade, CA	65	46	24	60	51	35
Salt Lake City, UT	26	30	21	22	11	45
San Antonio-New Braunfels, TX	11	3	4	12	8	10
San Diego-Carlsbad, CA	47	30	19	13	22	19
San Francisco-Oakland-Hayward, CA	19	14	10	8	5	7
San Jose-Sunnyvale-Santa Clara, CA	19	9	10	4	4	8
Seattle-Tacoma-Bellevue, WA	10	21	1	13	9	8
St. Louis, MO-IL	119	93	87	78	97	35
Tampa-St. Petersburg-Clearwater, FL	24	18	12	14	13	3
Virginia Beach-Norfolk-Newport News, VA-NC	19	0	8	11	4	0
Washington-Arlington-Alexandria, DC-VA-MD-WV	24	7	34	21	24	5

**KEY:** AQI = Air Quality Index

**NOTES:** Historical data are reviewed. Air Quality Index (AQI) is an indicator of overall air quality and takes into account all of the criteria air pollutants measured within a geographic area. Although AQI includes all available pollutant measurements, areas may have monitoring stations for some, but not all, pollutants. An AQI value greater than 100 is considered unhealthy. Metropolitan area rank is based on 2010 U.S. Census population.

**SOURCE:** U.S. Environmental Protection Agency, AirData, available at [www.epa.gov/airquality/airdata](http://www.epa.gov/airquality/airdata) as of June 2014.



# **Appendices**

- A Information on Data Sources**
- B Data Sources and Availability**
- C State DOT Contact Information**
- D Glossary**



# Appendix A: Information on Data Sources

## Airline freight and passenger data

The U.S. Department of Transportation's (USDOT), 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, Bureau of Transportation Statistics, Office of Airline Information

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

## Border-crossing/entry data

U.S. Customs and Border Protection personnel collect passenger and vehicle border-crossing/entry data at land ports of entry and provide BTS with aggregate monthly information. 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, Bureau of Transportation Statistics

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

## Commodity Flow Survey

The Commodity Flow Survey (CFS) provide 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 multiestablishment 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 industrywide 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 substate areas.

### Additional information:

Contact: USDOT, Bureau of Transportation Statistics

Print source: USDOT, 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 10 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 12-month periods are already available for geographic areas of 65,000 and greater population. Data products based on 36-month periods are available starting in 2008 for geographic areas of 20,000 and greater population. Data products based on 60-month periods are available as of 2011 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 cleanup and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding \$50,000.

### Additional information:

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

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

## Government transportation revenue and expenditure data

The U.S. Department of Commerce, U.S. Census Bureau conducts an Annual Survey of Government Finances. Alternatively, every 5 years, in years ending in a 2 or 7, a Census of Governments, including a finance portion, is conducted. The survey coverage includes all state and local governments in the United States. For both the census and annual survey, the finance detail data encompass revenue, expenditure, debt, and assets. These data are the primary source of state and local government data used by BTS to produce Government Transportation Financial Statistics.

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

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

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

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

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

**Additional information:**

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

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

## **Hazardous materials incidents data**

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

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

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

**Additional information:**

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

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

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

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

Data are collected independently by the states, metropolitan planning organizations (MPOs), and other local

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

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

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

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

**Additional information:**

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

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

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

## Highway safety data

Fatalities: Highway fatality data are extracted from the Fatality Analysis Reporting System (FARS), which is compiled by USDOT National Highway Traffic Safety Administration (NHTSA). Data are gathered from a census of police accident reports (PARs), state vehicle registration files, state drivers licensing files, state highway department data, vital statistics, death certificates, coroner/medical examiner reports, hospital medical reports, and emergency medical service reports. A separate form is completed for each fatal crash. Blood alcohol concentration (BAC) is estimated when not known. Statistical procedures used for unknown data in the FARS can be found in the NHTSA report, A Method for Estimating Posterior BAC Distributions for Persons Involved in Fatal Traffic Accidents, DOT HS 807 094 (Washington, DC: July 1986).

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

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

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

**Additional information:**

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

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

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

## International visitors data

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

### Additional information:

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

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

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

## 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 2012 the STB Class I threshold was annual operating revenue of \$452.7 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 (\$9,500 for 2012); 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 freight data

The TransBorder 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 all modes of transport 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 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, 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 2012, 820 agencies submitted data to the NTD. Of that, 542 agencies or full reporters and 243 agencies are small systems waivers agencies that operated 30 or fewer vehicles across all modes and types of service, and 35 received a waiver from detailed reporting. In total, 786 agencies are included in the NTD database.

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.navigationdatacenter.us/data/dataawcus.htm>

## Appendix B: 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_allcargo_stats/passenger/">http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcargo_stats/passenger/</a>	3-9	4th quarter
Air Carrier Statistics	U.S. DOT, Bureau of Transportation Statistics, Office of Airline Information	<a href="http://www.transtats.bts.gov/">http://www.transtats.bts.gov/</a>	1-11, 1-12, 3-8, 4-6, 4-7	3rd quarter
AirData	U.S. EPA	<a href="http://www.epa.gov/airdata/">http://www.epa.gov/airdata/</a>	7-7	4th quarter
Airport Facilities Data	U.S. DOT, Federal Aviation Administration, Office of Aeronautical Information Services	<a href="http://www.faa.gov/airports/airport_safety/">http://www.faa.gov/airports/airport_safety/</a>	1-10	Bimonthly
Alcohol-Impaired Driving	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/">http://www-nrd.nhtsa.dot.gov/</a>	2-8	4th quarter
Alternative Fueling Stations	U.S. DOE, Office of Energy Efficiency and Renewable Energy, Alternative Fuels and Advanced Vehicles Data Center	<a href="http://www.afdc.energy.gov/afdc/">http://www.afdc.energy.gov/afdc/</a>	7-6	Monthly
Alternatives to Traditional Transportation Fuels	U.S. DOE, Energy Information Administration, Office of Energy Consumption and Efficiency Statistics	<a href="http://www.eia.gov/renewable/">http://www.eia.gov/renewable/</a>	7-5	4th quarter
American Community Survey	U.S. Census Bureau	<a href="http://www.census.gov/acs">http://www.census.gov/acs</a>	4-1	4th quarter
Boating Registration	U.S. Coast Guard, Office of Auxiliary and Boating Safety	<a href="http://www.uscgboating.org/">http://www.uscgboating.org/</a>	5-6	2nd quarter
Border Crossing/Entry Data	U.S. DOT, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international">http://www.bts.gov/programs/international</a>	3-12, 3-13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22, 3-23, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-19, 4-20	2nd quarter
Commodity Flow Survey	U.S. DOT, 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	2007 (quinquennial)
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
Cruise Passenger Statistics	U.S. DOT, Maritime Administration	<a href="http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm">http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm</a>	4-8	2nd quarter
Fatality Analysis Reporting System Encyclopedia	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www-nrd.nhtsa.dot.gov/Cats/index.aspx">http://www-nrd.nhtsa.dot.gov/Cats/index.aspx</a>	2-1, 2-2, 2-3, 2-7, 2-25, 2-26	4th quarter
Gasoline Prices by Formulation, Grade, Sales Type	U.S. DOE, Energy Information Administration	<a href="http://www.eia.gov/dnav/pet/pet_pri_allmq_a_epm0_pta_dpgal_a.htm">http://www.eia.gov/dnav/pet/pet_pri_allmq_a_epm0_pta_dpgal_a.htm</a>	6-11	4th quarter
General Aviation and Part 135 Activity Surveys	U.S. DOT, Federal Aviation Administration	<a href="http://www.faa.gov/data_research/aviation_data_statistics/general_aviation/">http://www.faa.gov/data_research/aviation_data_statistics/general_aviation/</a>	5-7	1st quarter
Hazmat Summary by State	U.S. DOT, PHMSA, Office of Hazardous Material Safety	<a href="http://www.phmsa.dot.gov/hazmat/library/data-stats/incidents">http://www.phmsa.dot.gov/hazmat/library/data-stats/incidents</a>	2-19, 2-20	Monthly
Highway Statistics	U.S. DOT, Federal Highway Administration	<a href="http://www.fhwa.dot.gov/policyinformation/statistics.cfm">http://www.fhwa.dot.gov/policyinformation/statistics.cfm</a>	1-1, 1-2, 1-4, 2-1, 4-2, 5-1, 5-2, 5-3, 5-4, 6-12, 7-4	1st quarter
Maritime Statistics	U.S. DOT, Maritime Administration	<a href="http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm">http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm</a>	3-6, 3-7	3rd quarter
Maximum Posted Speed Limits for Passenger Vehicles	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/iihs/topics/laws/speedlimits?topicName=speed">http://www.iihs.org/iihs/topics/laws/speedlimits?topicName=speed</a>	2-9	Monthly
Motorcycle and Bicycle Helmet Laws	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/iihs/topics#statelaws">http://www.iihs.org/iihs/topics#statelaws</a>	2-5	Monthly
National Bridge Inventory	U.S. DOT, Federal Highway Administration, Office of Bridge Technology	<a href="http://www.fhwa.dot.gov/bridge/nbi.cfm">http://www.fhwa.dot.gov/bridge/nbi.cfm</a>	1-5, 1-6, 1-7	4th quarter
National Transit Database	U.S. DOT, Federal Transit Administration	<a href="http://www.ntdprogram.gov">http://www.ntdprogram.gov</a>	1-8, 1-9, 2-16, 4-3, 4-4	3rd quarter
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	2nd quarter
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	2nd quarter
Population Estimates	U.S. Department of Commerce, U.S. Census Bureau	<a href="http://www.census.gov/popest/index.html">http://www.census.gov/popest/index.html</a>	2-1, 2-7, 2-26, 5-3, 7-3, 7-4	2nd quarter
Office of Safety Analysis	U.S. DOT, Federal Railroad Administration, Office of Safety Analysis	<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
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	2nd quarter
Recreational Boating Statistics	U.S. Coast Guard, Office of Auxiliary and Boating Safety	<a href="http://www.uscgboating.org">http://www.uscgboating.org</a>	2-17, 2-18	2nd quarter
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	3rd quarter



## Appendix B: Data Sources and Availability (continued)

Publication/database	Source	Website	Tables	Update available (approx.)
Safety Belt Use Laws	Insurance Institute for Highway Safety, Highway Loss Data Institute	<a href="http://www.iihs.org/laws/SafetyBeltUse.aspx">http://www.iihs.org/laws/SafetyBeltUse.aspx</a>	2-4	Monthly
State and Local Government Finances	U.S. Department of Commerce, U.S. Census Bureau	<a href="https://www.census.gov/govs/local/">https://www.census.gov/govs/local/</a>	6-8, 6-9	3rd quarter
State Energy Data System	U.S. Dept. of Energy, Energy Information Administration	<a href="http://www.eia.gov/state/seds/seds-data-complete.cfm#consumption">http://www.eia.gov/state/seds/seds-data-complete.cfm#consumption</a>	7-1, 7-2, 7-3	2nd quarter
State Fact Sheets	National Passenger Railroad Corporation (Amtrak), News & Media	<a href="http://www.amtrak.com/servlet/ContentServlet?c=Page&amp;pagename=am%2FLayout&amp;c_id=1246041980432">http://www.amtrak.com/servlet/ContentServlet?c=Page&amp;pagename=am%2FLayout&amp;c_id=1246041980432</a>	4-5	Annual
State Laws	U.S. DOT, National Highway Traffic Safety Administration	<a href="http://www.distraction.gov/content/get-the-facts/state-laws.html">http://www.distraction.gov/content/get-the-facts/state-laws.html</a>	2-24	Regular
Survey of State Funding for Public Transportation	American Association of State Highway and Transportation Officials	<a href="http://scopt.transportation.org/Pages/MTAPublications.aspx">http://scopt.transportation.org/Pages/MTAPublications.aspx</a>	6-10	2nd quarter
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	no historical information
Transborder Surface Freight Data	U.S. DOT, Bureau of Transportation Statistics	<a href="http://www.bts.gov/programs/international/transborder/">http://www.bts.gov/programs/international/transborder/</a>	3-10, 3-11, 3-24	1st quarter
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
Urban Mobility Report	Texas Transportation Institute	<a href="http://mobility.tamu.edu/ums/">http://mobility.tamu.edu/ums/</a>	5-5	3rd quarter
USA Trade Online	U.S. Department of Commerce, U.S. Census Bureau	<a href="https://usatrade.census.gov/">https://usatrade.census.gov/</a>	3-24	Regular
Waterborne Commerce in the United States	U.S. Army Corps of Engineers, Navigation Data Center	<a href="http://www.navigationdatacenter.us/">http://www.navigationdatacenter.us/</a>	1-15, 1-16, 3-5, 3-24	4th quarter

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

## Appendix C: State Departments of Transportation

State	Agency	Website address	Telephone
Alabama	Alabama Department of Transportation	<a href="http://www.dot.state.al.us">www.dot.state.al.us</a>	(334) 242-6358
Alaska	Alaska Department of Transportation and Public Facilities	<a href="http://www.dot.state.ak.us">www.dot.state.ak.us</a>	(907) 465-3900
Arizona	Arizona Department of Transportation	<a href="http://www.azdot.gov">www.azdot.gov</a>	(602) 712-7355
Arkansas	Arkansas State Highway and Transportation Department	<a href="http://www.arkansashighways.com">www.arkansashighways.com</a>	(501) 569-2000
California	California Department of Transportation	<a href="http://www.dot.ca.gov">www.dot.ca.gov</a>	(916) 654-5266
Colorado	Colorado Department of Transportation	<a href="http://www.coloradodot.info">www.coloradodot.info</a>	(303) 757-9011
Connecticut	Connecticut Department of Transportation	<a href="http://www.ct.gov/dot">www.ct.gov/dot</a>	(860) 594-2000
Delaware	Delaware Department of Transportation	<a href="http://www.deldot.gov">www.deldot.gov</a>	(302) 760-2080
District of Columbia	District Department of Transportation	<a href="http://www.ddot.dc.gov">www.ddot.dc.gov</a>	(202) 673-6813
Florida	Florida Department of Transportation	<a href="http://www.dot.state.fl.us">www.dot.state.fl.us</a>	(850) 414-4100
Georgia	Georgia Department of Transportation	<a href="http://www.dot.ga.gov">www.dot.ga.gov</a>	(404) 631-1990
Hawaii	State of Hawaii Department of Transportation	<a href="http://hidot.hawaii.gov/">http://hidot.hawaii.gov/</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.iowadot.gov">www.iowadot.gov</a>	(515) 239-1101
Kansas	Kansas Department of Transportation	<a href="http://www.ksdot.org">www.ksdot.org</a>	(785) 296-3566
Kentucky	Kentucky Transportation Cabinet	<a href="http://www.transportation.ky.gov">www.transportation.ky.gov</a>	(502) 564-4890
Louisiana	Louisiana Department of Transportation and Development	<a href="http://www.dotd.louisiana.gov">www.dotd.louisiana.gov</a>	(225) 379-1232
Maine	Maine Department of Transportation	<a href="http://www.maine.gov/mdot">www.maine.gov/mdot</a>	(207) 624-3000
Maryland	Maryland Department of Transportation	<a href="http://www.mdot.maryland.gov/">www.mdot.maryland.gov/</a>	(410) 865-1000
Massachusetts	Massachusetts Department of Transportation	<a href="http://www.massdot.state.ma.us">www.massdot.state.ma.us</a>	(617) 973-7000
Michigan	Michigan Department of Transportation	<a href="http://www.michigan.gov/mdot">www.michigan.gov/mdot</a>	(517) 373-2090
Minnesota	Minnesota Department of Transportation	<a href="http://www.dot.state.mn.us">www.dot.state.mn.us</a>	(651) 296-3000
Mississippi	Mississippi Department of Transportation	<a href="http://mdot.ms.gov">http://mdot.ms.gov</a>	(601) 359-7001
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.transportation.nebraska.gov">www.transportation.nebraska.gov</a>	(402) 471-4567
Nevada	Nevada Department of Transportation	<a href="http://www.nevadadot.com">www.nevadadot.com</a>	(775) 888-7000
New Hampshire	New Hampshire Department of Transportation	<a href="http://www.nh.gov/dot">www.nh.gov/dot</a>	(603) 271-3734
New Jersey	New Jersey Department of Transportation	<a href="http://www.state.nj.us/transportation">www.state.nj.us/transportation</a>	(609) 292-6500
New Mexico	New Mexico Department of Transportation	<a href="http://www.dot.state.nm.us">www.dot.state.nm.us</a>	(505) 827-5100
New York	New York State Department of Transportation	<a href="http://www.dot.ny.gov">www.dot.ny.gov</a>	(518) 457-6195
North Carolina	North Carolina Department of Transportation	<a href="http://www.ncdot.org">www.ncdot.org</a>	(919) 715-7000
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.ri.gov">www.dot.ri.gov</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.txdot.gov">www.txdot.gov</a>	(512) 463-8588
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

## Appendix D: 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.

**Bus rapid transit:** Fixed-route bus systems that either operate their routes predominantly on fixed-guideways (other than on highway high occupancy vehicle or shoulder lanes, such as for commuter bus service) or that operate routes of high-frequency service with the following elements: Substantial transit stations, traffic signal priority or pre-emption, low-floor vehicles or level-platform boarding, and separate branding of the service. High-frequency service is defined as 10-minute peak and 15-minute off-peak headways for at least 14 hours of service operations per day. This mode may include portions of service that are fixed-guideway and non-fixed guideway.

**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 2011, a Class I Railroad is a railroad with operating revenues of at least \$433.2 million.

**Commuter bus:** Fixed-route bus systems that are primarily connecting outlying areas with a central city through bus service that operates with at least five miles of continuous closed-door service. This service typically operates using motorcoaches and usually features peak scheduling, multiple-trip tickets, and multiple stops in outlying areas with limited stops in the central city.

**Commuter rail:** A transit mode that is an electric or diesel propelled railway for urban passenger train service consisting of local short distance travel operating between a central city and adjacent suburbs. Service must be operated on a regular basis by or under contract with a transit operator for the purpose of transporting passengers within urbanized areas (UZAs), or between urbanized areas and outlying areas. Such rail service, using either locomotive hauled

or self-propelled railroad passenger cars, is generally characterized by multi-trip tickets, specific station to station fares, railroad employment practices, and usually only one or two stations in the central business district. It does not include: heavy rail rapid transit or light rail / streetcar transit service. Intercity rail service is excluded, except for that portion of such service that is operated by or under contract with a public transit agency for predominantly commuter services.

**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. State Transportation

**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 response:** A transit mode comprised of passenger cars, vans or small buses operating in response to calls from passengers or their agents to the transit operator, who then dispatches a vehicle to pick up the passengers and transport them to their destinations. 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 for carrying passengers and / or vehicles over a body of water. The vessels are generally steam or diesel powered conventional ferry vessels. They 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:** A transit mode that is an electric railway with the capacity for a heavy volume of traffic. It is characterized by high speed and rapid acceleration passenger rail cars operating singly or in multi-car trains on fixed rails, separate rights-of-way from which all other vehicular and foot traffic are excluded, sophisticated signaling, and high platform loading. Also known as "subway," "elevated (railway)," or metropolitan railway (metro)."

**Hybrid rail:** Rail System Primarily operating routes on the National system of railroads, but not operating with the characteristics of commuter rail. This service typically operates light rail-type vehicles as diesel multiple-unit trains. These trains do not meet Federal Railroad Administration standards, and so must operate with temporal separation from freight rail traffic.

**Light rail:** A transit mode that typically is an electric railway with a light volume traffic capacity compared to heavy rail. It is characterized by passenger rail cars operating singly (or in short, usually two car, trains) on fixed rails in shared or exclusive right-of-way, low or high platform loading, and vehicle power drawn from an overhead electric line via a trolley or a pantograph.

**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 transit mode comprised of rubber-tired passenger vehicles operating on fixed routes and schedules over roadways. Vehicles are powered by diesel, gasoline, battery, or alternative fuel engines contained within the vehicle.

**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.

**Streetcar rail:** This mode is for rail transit systems operating entire routes predominantly on streets in mixed-traffic. This service typically operates with single-car trains powered by overhead catenaries and with frequent stops.

**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:** A transit mode comprised of electric rubber-tired passenger vehicles, manually steered and operating singly on city streets. Vehicles are propelled by a motor drawing current through overhead wires via trolleys, from a central power source not onboard the vehicle.

**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:** A transit mode comprised of vans, small buses and other vehicles operating as a ride sharing arrangement, providing transportation to a group of individuals traveling directly between their homes and a regular destination within the same geographical area. The vehicles shall have a minimum seating capacity of seven persons, including the driver.

**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.



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