

Outdoor Recreation Satellite Account

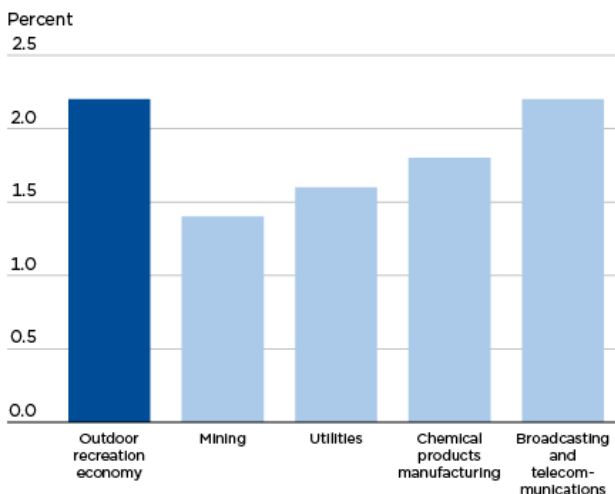
Updated National Statistics and Prototype State-Level Statistics for 2012–2017

By Elizabeth Cologer, Dirk van Duym, Connor Franks, Nayana Kollanthara, and Stanislaw Rzeznik¹

On September 20, 2019, the Bureau of Economic Analysis (BEA) released updated statistics from the Outdoor Recreation Satellite Account (ORSA). These statistics, covering the period 2012–2017, are the second official release of national-level statistics, and for the first time, prototype state-level statistics were released.² National measures of value added by activity for 2012–2017 have also been added. The updated statistics incorporate the 2018 comprehensive update to the supply-use tables. Also updated are source data on outdoor recreation spending by government agencies and data on the share of economic activity related to outdoor recreation activities.

The updated statistics show the U.S. outdoor recreation economy accounted for 2.2 percent, or \$427.2 billion, of current-dollar gross domestic product (GDP) in 2017 (chart 1). The statistics also show that total gross output for the outdoor recreation economy was \$778.5 billion and generated 5.2 million jobs and \$213.4 billion in compensation. The largest conventional outdoor recreation activity in terms of chained-dollar GDP was boating/fishing at \$18.7 billion. For these and more details on national-level ORSA activity, see [tables A through F](#).

Chart 1. Outdoor Recreation Economy as a Percent of Nominal 2017 GDP Compared with Selected NAICS Industries



The prototype state statistics on outdoor recreation cover the years 2012–2017 for all 50 states and the District of Columbia and fulfill the requirements of the Outdoor Recreation Jobs and Economic Impact Act of 2016.³ State-level estimates are available by activity for value added and by industry for value added, employment, and compensation. These state statistics are valuable because they highlight state economic activity associated with outdoor recreation. For example, the published data show how many jobs in a state are associated with the outdoor recreation economy.

The state-level ORSA statistics, like BEA state-level Arts and Cultural Production Satellite Account statistics, highlight a specific aspect of the whole economy.⁴ Outdoor recreation, like arts or tourism, is an aggregation of many diverse industries, each of which contributes to a set of activities. That is, goods manufacturers, service providers, and government all contribute to the basket of production and spending related to outdoor recreation activities.

State-Level Highlights

Highlights from the 2017 prototype state-level outdoor recreation statistics are as follows:

- The relative size of the outdoor recreation economy ranges from 5.4 percent of GDP for Hawaii to 1.2 percent of GDP for the District of Columbia.
- Outdoor recreation compensation as a percent of state total compensation is the highest in Hawaii (5.1 percent) and the lowest in the District of Columbia (1.1 percent).
- Outdoor recreation employment as a percent of state total employment ranges from 8.0 percent in Wyoming to 2.4 percent in Ohio.
- The retail trade and accommodation and food services sectors are the largest contributors to outdoor recreation jobs in all states and the District of Columbia, except in Indiana, where manufacturing is the largest contributor.
- Boating/fishing is the largest conventional activity in 29 states and the District of Columbia; boating/fishing value added is the greatest in Florida (\$2.7 billion) and California (\$1.8 billion).

The rest of this article discusses the concepts, definitions, and geography of outdoor recreation. It also provides a summary of the methodology used for the prototype state statistics and highlights key state-level results for 2017. The article concludes with a brief discussion about future work leading to the release of official state-level statistics in the fall of 2020.

Concepts and Definitions

The prototype state-level ORSA is an extension of the national-level ORSA. The definitions are the same, and the presentation of the ORSA statistics by industry and by activity is consistent with how the national-level industry and activity estimates are presented. For instance, the activities are grouped into three categories: conventional core activities, other core activities, and supporting activities. The conventional core activities are all recreational activities undertaken for pleasure that generally involve some level of intentional physical exertion and occur in nature-based outdoor environments—activities such as boating, fishing, climbing, hiking, hunting, and skiing. The other core activities are recreation activities that are undertaken outdoors for

pleasure and can occur in man-made environments—activities such as golfing, baseball, gardening, and walking for pleasure. The supporting activities include construction, trips and travel, local trips, and government expenditures.

The ORSA measures of employment, compensation, and value added follow BEA definitions. Employment consists of all full-time, part-time, and temporary wage and salary jobs in which workers are engaged in the production of outdoor recreation goods and services. Self-employed individuals are not included in employment totals.

Compensation consists of the pay to employees (including wages and salaries and benefits such as employer contributions to pension and health funds) in return for their outdoor recreation-related work during a given year. Pay to self-employed individuals is not included in compensation.

Value added (also referred to as GDP) consists of the value of outdoor recreation goods and services produced less the value of expenses incurred for their production. The activity of self-employed individuals is included in value added.

Geography of Outdoor Recreation

State outdoor recreation is measured by place of production, not residence of consumer. Consequently, the value of manufactured goods, such as boats, is assigned to the state where they are produced, even if the goods are not ultimately used there. Services, such as sailing lessons, are also assigned to the location where they are produced (which is also usually where they are consumed). The value of services provided by retailers, such as boat dealers, is also assigned to the location of sale. The services of retailers (known as trade margins) are not measured by sales but are most akin to sales less the cost of goods sold. The production of imported goods is excluded from ORSA, but the value of the services of retailers selling the imported goods is included.

Because of the production-based approach, the distribution of an ORSA activity across states depends on the types of ORSA-related industries in those states. An increase in outdoor recreation participation by residents of a given state may not have a proportionate impact on that state's economy. Increased spending on RVing, especially if driven by spending on new RVs, will likely have a greater impact on states where RVs are manufactured than on the state with the increased spending. Similarly, an increased interest in skiing by residents of Florida may be of relatively greater benefit to Colorado, as residents of Florida travel to ski facilities in Colorado.

Outdoor recreation-related production is included in state industry totals even if the final consumption occurs outside the state. Activity tables show states' total contributions to outdoor recreation activities' value added, regardless of the contributing industry. For example, boating/fishing value added by state represents all contributions by in-state boat manufacturers, marinas, repair shops, and so forth, to the boating/fishing activity. Industry tables show states' total outdoor recreation-related value added, employment, and compensation by industry, regardless of the outdoor activities the industries support. A state's total value added across all outdoor recreation activities will equal the state's total value added across all outdoor recreation industries.

The ORSA is a complement to other measures of participation in outdoor recreation. BEA's satellite account measures the production of goods and services associated with outdoor recreation. This is a separate measure from attempts to quantify participation through counts of participants or time spent.

Methodology

Allocations to states

The state-level outdoor recreation statistics are a methodologically consistent geographic extension of the national-level outdoor recreation statistics. Estimates of outdoor recreation at the national level set overall levels of spending by industry and by activity that are distributed to states. As a result, the sum of any industry or activity across states will necessarily equal the U.S. value for that industry or activity.

Outdoor recreation spending and production are allocated to states by applying state-level data to detailed, underlying national values at the commodity level. The underlying estimates are distributed to states before aggregation to publication levels.

State allocations for value added are primarily based on a time series of data generated by extrapolating best-level estimates from the Census Bureau Economic Census (EC) with best-change data from the Bureau of Labor Statistics Quarterly Census of Employment and Wages (QCEW). Goods-producing industries have their initial state distributions set with EC value-added data. For service-sector industries, EC receipts are used to set initial value-added distributions. Data from various federal agencies, including the Census Bureau, the Bureau of Transportation Statistics, and the U.S. Department of Agriculture are used to supplement the EC and QCEW data. This approach is consistent with the methods used for producing GDP by state statistics and makes the ORSA state-level statistics comparable to BEA's other state statistics.

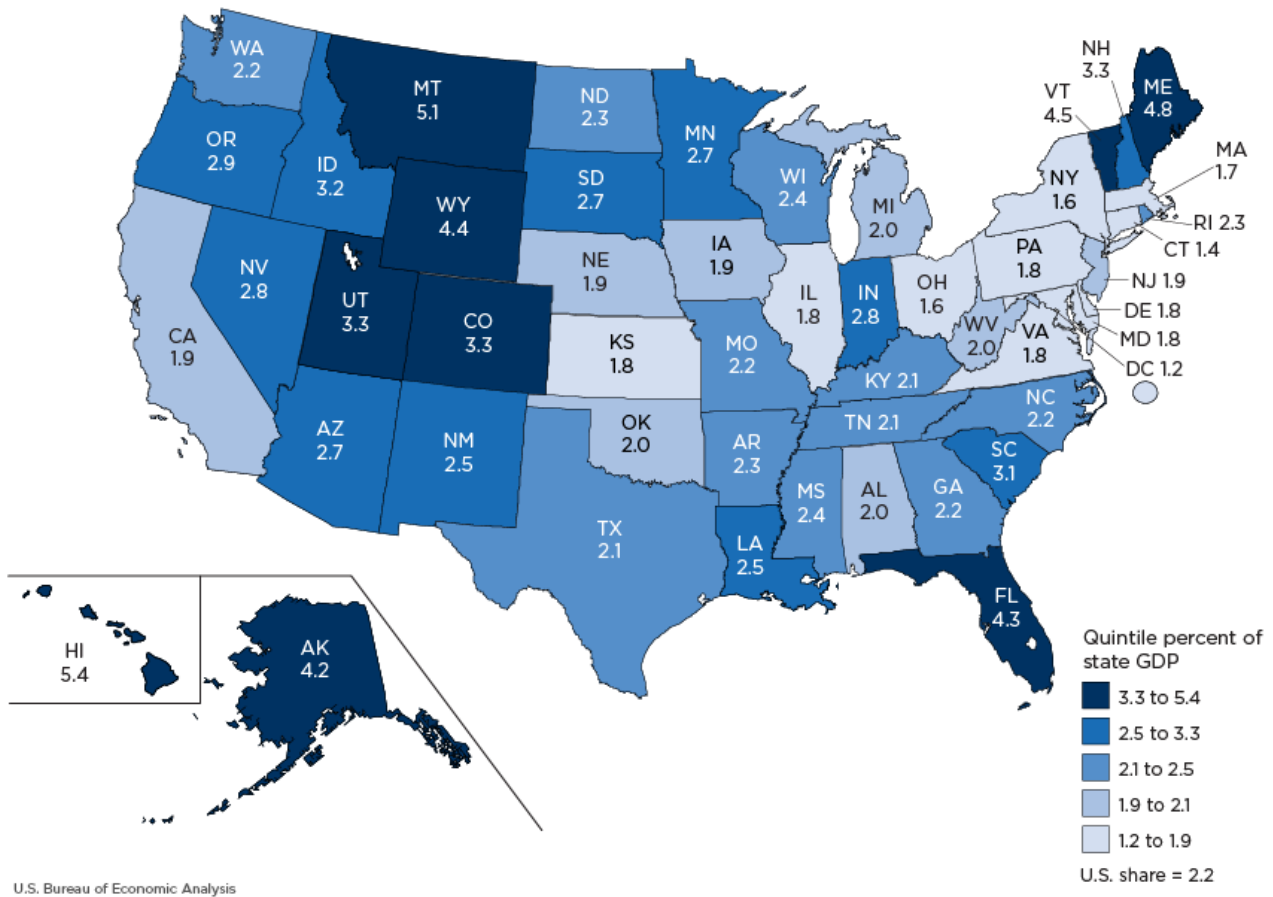
Compensation distributions are based on QCEW wages and salaries plus supplements to wages and salaries from BEA. Employment distributions are based on state QCEW annual employment counts of full-time, part-time, and temporary workers by detailed industries. Additional data from industry and trade associations are used to inform and corroborate EC- and QCEW-based estimates. For example, data from the American Horse Council was used to refine estimates of equestrian activity across states.

State-Level Results

Value added

Outdoor recreation value added as a percent of state value added ranges from 5.4 percent in Hawaii to 1.2 percent in the District of Columbia (chart 2).

Chart 2. Outdoor Recreation Value Added: Percent of State GDP, 2017



In the west, apart from Hawaii, the highest shares are found in Alaska and the Rocky Mountain states of Montana, Wyoming, Colorado, and Utah. In the east, the highest shares are found in Florida and the northern New England states of Vermont, New Hampshire, and Maine.

The Rocky Mountain states feature prominently in the ORSA because national parks provide ample opportunities for activities such as camping, hiking, and sightseeing (table 1). Colorado and Utah benefit from spending on snow activities. Hawaii and Alaska have high shares of their states' value-added/GDP related to ORSA due in part to the transportation services required by travelers to the state.

Table 1. Outdoor Recreation Value Added by Activity, Selected States, 2017

[Thousands of dollars]

	Alaska	Colorado	Hawaii	Montana	Utah	Wyoming
Total outdoor recreation	2,187,367	11,308,942	4,794,590	2,381,709	5,514,051	1,647,761
Total core outdoor recreation	648,588	5,458,122	1,219,503	1,141,135	2,713,286	469,749
Conventional outdoor recreation	396,836	3,779,399	567,859	753,790	1,842,019	335,653
Bicycling	5,283	61,976	6,738	6,716	35,497	2,491
Boating/fishing	99,675	319,683	127,848	134,869	192,153	39,657
Canoeing/kayaking	1,904	7,077	2,184	1,759	3,930	396
Fishing (excludes boating)	15,726	57,248	14,127	27,929	42,513	7,817
Sailing	2,556	10,613	6,892	2,213	12,417	1,692
Other boating	79,489	244,746	104,645	102,968	133,294	29,752
Climbing/hiking/tent camping	22,027	98,574	13,056	31,348	40,396	15,866
Equestrian	9,439	179,196	12,920	83,732	84,876	55,238
Hunting/shooting/trapping	29,024	104,424	16,830	87,409	123,258	50,066
Hunting/trapping	10,753	34,747	2,880	32,084	48,540	38,109
Shooting (includes archery)	18,271	69,677	13,950	55,325	74,719	11,957
Motorcycling/ATVing	13,912	117,719	24,111	27,656	87,617	15,913
Recreational flying	4,300	13,145	3,475	5,523	14,956	4,002
RVing	67,133	338,657	25,590	132,604	218,329	60,069
Snow activities	22,454	1,542,589	5,899	76,189	549,150	19,726
Skiing/snowboarding	11,696	1,066,915	3,057	49,412	367,983	11,080
Other snow activities (includes snowmobiling) ¹	10,757	475,675	2,843	26,777	181,167	8,646
Other conventional outdoor recreation activities	29,502	183,453	41,703	47,236	109,077	21,480
Other conventional air and land activities ²	23,710	155,021	36,421	42,042	85,678	20,005
Other conventional water activities ³	5,792	28,432	5,282	5,194	23,399	1,474
Multi-use apparel and accessories (conventional) ⁴	94,087	819,983	289,689	120,507	386,709	51,146
Other outdoor recreation	251,753	1,678,724	651,644	387,345	871,266	134,096
Amusement parks/water parks	10,309	107,085	29,675	13,115	80,599	4,533
Festivals/sporting events/concerts	8,553	330,373	20,097	18,072	128,646	2,889
Field sports	14,268	82,389	19,629	27,862	50,913	7,907
Game areas (includes golfing and tennis)	33,336	379,270	181,338	98,954	250,906	41,110
Guided tours/outfitted travel	119,662	315,241	284,547	69,298	118,262	22,115
Air and land guided tours/outfitted travel	65,210	179,340	158,927	36,527	67,322	11,631
Water guided tours/outfitted travel (includes boating and fishing charters)	54,452	135,900	125,620	32,771	50,940	10,485
Productive activities (includes gardening)	10,548	137,277	26,201	47,925	75,136	15,157
Other outdoor recreation activities ⁵	50,921	273,663	74,839	104,401	126,592	35,887
Multi-use apparel and accessories (other) ⁴	4,155	53,426	15,319	7,718	40,212	4,498
Supporting outdoor recreation	1,538,778	5,850,820	3,575,086	1,240,574	2,800,765	1,178,011
Construction	26,453	153,028	71,913	22,783	84,922	29,891
Local trips ⁶	172,244	657,151	227,905	208,023	380,248	160,288
Travel and tourism ⁷	1,227,665	4,376,793	3,057,638	886,403	1,933,473	833,922
Food and beverages	112,573	741,432	518,986	105,965	304,263	158,391
Lodging	302,230	1,452,703	816,190	409,900	566,008	462,492
Shopping and souvenirs	91,920	472,330	151,221	107,061	337,916	130,428
Transportation	720,941	1,710,328	1,571,241	263,477	725,286	82,611
Government expenditures	112,417	663,848	217,630	123,365	402,122	153,910
Federal government	41,685	119,183	55,819	68,403	145,312	75,072
State and local government	70,732	544,666	161,812	54,961	256,810	78,838

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, and snow tubing.
2. Consists of air sports, driving for pleasure, geocaching/orienteering/rock hounding, ice skating, inline skating, land/sand sailing, races, running/walking/jogging, skateboarding, and wildlife watching/birding.
3. Consists of boardsailing/windsurfing, SCUBA diving, snorkeling, stand-up paddling, surfing, tubing, wakeboarding, water skiing, and whitewater rafting.
4. Consists of backpacks, bug spray, coolers, general outdoor clothing, GPS equipment, hydration equipment, lighting, sports racks, sunscreen, watches, and other miscellaneous gear and equipment.
5. Consists of agritourism, augmented reality games, beachgoing, disc golf, hot springs soaking, kite flying, model airplane/rocket/UAV, paintball, photography, stargazing/astronomy, swimming, therapeutic programs, water polo, and yard sports.
6. Trip expenses less than 50 miles away from home, including food and beverages, lodging, shopping and souvenirs, and transportation.
7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

The northern New England states are strong in boating/fishing, hunting, and snow activities (table 2). Florida is notable, not only because it has a high percentage of value added derived from ORSA, but because its economy is also one of the top five in the United States.⁵ Compared to

Florida, other states with large economies such as California, Texas, and New York have lower state shares of ORSA-related value added. It is important to note that among these large states, the activities that contribute strongly to the states' ORSA value added vary.

Table 2. Outdoor Recreation Value Added by Activity, Selected States, 2017

[Thousands of dollars]

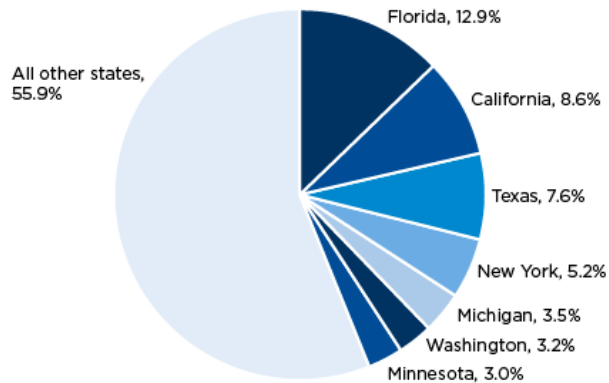
	Maine	New Hampshire	Vermont	Florida	California	New York	Texas
Total outdoor recreation	2,957,847	2,710,336	1,468,493	42,183,230	52,120,252	26,299,866	34,565,594
Total core outdoor recreation	1,182,576	1,390,525	627,010	18,762,366	26,006,396	13,834,870	17,138,411
Conventional outdoor recreation	905,466	1,020,325	475,685	8,823,495	14,903,257	8,505,481	11,188,472
Bicycling	8,458	8,654	5,025	105,842	392,963	75,504	104,798
Boating/fishing	248,946	117,569	37,934	2,692,393	1,805,319	1,087,834	1,587,775
Canoeing/kayaking	6,028	3,210	852	80,724	44,341	20,721	30,054
Fishing (excludes boating)	27,747	11,041	7,151	181,443	269,625	75,050	229,155
Sailing	24,989	10,761	2,579	205,768	95,657	89,623	73,779
Other boating	190,182	92,557	27,352	2,224,459	1,395,697	902,440	1,254,786
Climbing/hiking/tent camping	31,648	29,767	10,188	177,221	413,198	156,037	243,195
Equestrian	31,356	16,906	20,155	394,293	602,016	206,148	731,292
Hunting/shooting/trapping	70,030	225,844	78,834	410,189	551,102	360,260	1,047,559
Hunting/trapping	28,681	95,463	32,756	208,734	222,655	156,645	703,248
Shooting (includes archery)	41,349	130,382	46,077	201,455	328,448	203,615	344,311
Motorcycling/ATVing	26,454	50,928	11,995	393,466	911,623	286,545	690,024
Recreational Flying	3,722	4,716	1,636	49,992	224,448	36,153	243,299
RVing	137,428	110,153	42,752	936,806	1,492,339	528,351	1,484,522
Snow activities	75,279	151,646	175,855	38,143	652,463	173,532	237,143
Skiing/snowboarding	51,776	95,534	121,959	29,013	397,728	114,704	34,454
Other snow activities (includes snowmobiling) ¹	23,503	56,112	53,896	9,130	254,735	58,828	202,689
Other conventional outdoor recreation activities	97,186	60,413	21,306	645,582	1,259,314	509,189	1,166,832
Other conventional air and land activities ²	85,166	48,343	17,293	396,320	1,065,781	428,819	1,052,499
Other conventional water activities ³	12,020	12,069	4,013	249,262	193,534	80,370	114,333
Multi-use apparel and accessories (conventional) ⁴	174,958	243,729	70,003	2,979,568	6,598,471	5,085,928	3,652,032
Other outdoor recreation	277,110	370,199	151,325	9,938,871	11,103,139	5,329,389	5,949,940
Amusement parks/water parks	16,847	47,261	4,974	4,652,634	2,463,511	269,502	643,170
Festivals/sporting events/concerts	22,537	23,696	8,404	1,158,660	2,017,050	1,686,377	846,453
Field sports	27,374	23,115	13,402	200,758	406,844	194,951	283,907
Game areas (includes golfing and tennis)	94,552	105,782	61,472	1,826,905	2,261,707	967,921	1,440,466
Guided tours/outfitted travel	36,652	53,279	18,000	844,694	1,328,894	831,061	880,295
Air and land guided tours/outfitted travel	17,644	30,618	11,013	455,782	814,660	479,752	541,622
Water guided tours/outfitted travel (includes boating and fishing charters)	19,008	22,662	6,987	388,912	514,234	351,309	338,673
Productive activities (includes gardening)	32,388	31,748	14,805	433,640	876,305	336,137	594,758
Other outdoor recreation activities ⁵	37,294	65,233	22,210	595,583	1,201,929	669,133	933,346
Multi-use apparel and accessories (other) ⁴	9,466	20,086	8,058	225,998	546,899	374,307	327,545
Supporting outdoor recreation	1,775,271	1,319,811	841,483	23,420,864	26,113,856	12,464,996	17,427,183
Construction	19,298	18,121	11,300	476,205	1,175,734	667,797	656,788
Local trips ⁶	280,729	237,788	141,920	2,498,538	4,348,043	1,727,179	4,747,777
Travel and tourism ⁷	1,394,868	1,000,120	651,691	18,906,492	17,659,339	8,590,861	10,915,727
Food and beverages	202,076	180,013	107,368	2,907,517	2,163,052	1,349,137	785,605
Lodging	921,792	507,108	401,436	7,717,273	4,515,777	2,213,942	1,223,174
Shopping and souvenirs	164,062	194,318	97,829	1,348,364	2,703,665	1,318,712	1,846,185
Transportation	106,938	118,682	45,057	6,933,338	8,276,846	3,709,071	7,060,762
Government expenditures	80,376	63,781	36,572	1,539,629	2,930,739	1,479,158	1,106,890
Federal government	27,425	3,041	1,451	108,293	454,614	154,779	57,481
State and local government	52,951	60,740	35,121	1,431,336	2,476,125	1,324,379	1,049,410

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, and snow tubing.
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7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

Value added by activity

Outdoor recreation value added by activity data also show that boating/fishing is the largest conventional activity in 29 states and the District of Columbia (table 3). Florida (12.9 percent), California (8.6 percent), and Texas (7.6 percent) are the largest contributors to boating/fishing value added in the United States (chart 3). In Texas, fuel accounts for a large share of boating/fishing value added.

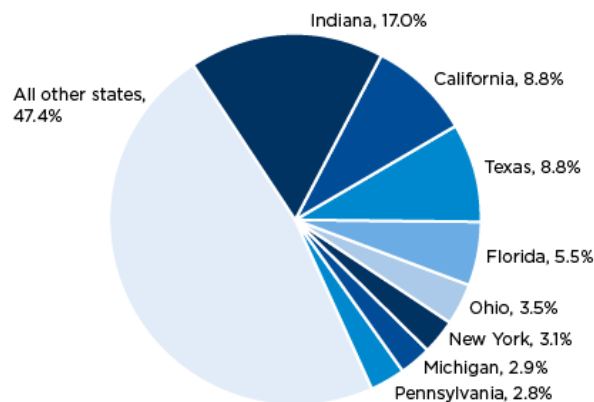
**Chart 3. State Share of Total Boating/
Fishing Value Added, 2017**



U.S. Bureau of Economic Analysis

RVing is the largest conventional activity in nine states, led by Indiana (\$2.9 billion) and Ohio (\$599.5 million) (table 3). Indiana (17.0 percent), California (8.8 percent), Texas (8.8 percent), and Florida (5.5 percent) are the top four largest contributors to RVing activities in the United States (chart 4).

**Chart 4. State Share of Total RVing
Value Added, 2017**



U.S. Bureau of Economic Analysis

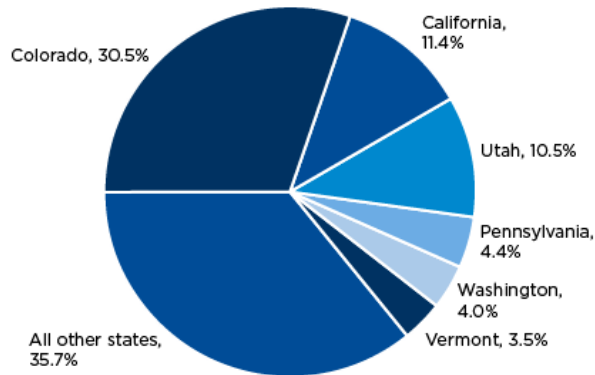
Snow activities, which are highly concentrated in a few states, are the largest conventional activity in Colorado (\$1.5 billion), Utah (\$549.2 million), and Vermont (\$175.9 million) (table 3).

Table 3. Outdoor Recreation Value Added by State, Selected Conventional Activities, 2017
 [Thousands of current dollars]

	Conventional outdoor recreation	Bicycling	Boating/fishing	Climbing/hiking/tent camping	Equestrian	Hunting/shooting/trapping	Motorcycling/ATVing	Recreational flying	RVing	Snow activities	Skiing/snowboarding
Alabama	1,513,165	12,298	287,174	49,030	114,682	107,110	80,161	15,559	192,640	17,382	8,897
Alaska	396,836	5,283	99,675	22,027	9,439	29,024	13,912	4,300	67,133	22,454	11,696
Arizona	2,198,635	35,886	275,125	68,977	126,747	239,161	100,996	18,072	410,065	33,605	23,325
Arkansas	1,169,862	15,506	245,991	34,441	131,499	136,219	68,216	8,600	125,510	4,871	1,968
California	14,903,257	392,963	1,805,319	413,198	602,016	551,102	911,623	224,448	1,492,339	652,463	397,728
Colorado	3,779,399	61,976	319,683	98,574	179,196	104,424	117,719	13,145	338,657	1,542,589	1,066,915
Connecticut	1,473,762	17,771	280,836	41,597	46,485	191,984	84,411	18,511	100,671	57,557	34,973
Delaware	316,284	5,365	53,390	6,857	11,297	8,836	15,737	3,312	32,914	4,421	901
District of Columbia	182,503	5,689	29,630	3,471	2,020	9,765	11,099	477	10,124	2,104	1,413
Florida	8,823,495	105,842	2,692,393	177,221	394,293	410,189	393,466	49,992	936,806	38,143	29,013
Georgia	3,565,188	37,327	542,342	98,390	170,114	386,503	486,669	37,760	351,011	20,616	7,383
Hawaii	567,859	6,738	127,848	13,056	12,920	16,830	24,111	3,475	25,590	5,899	3,057
Idaho	891,370	11,711	112,086	19,119	109,258	159,943	47,155	4,251	168,340	53,062	35,124
Illinois	4,059,338	144,402	542,627	117,692	214,717	353,180	276,119	64,685	324,438	38,319	14,828
Indiana	5,193,968	39,781	516,539	60,470	359,391	119,480	164,744	21,746	2,878,685	44,666	20,590
Iowa	1,389,040	14,542	139,288	30,793	208,830	66,587	131,485	9,523	373,661	13,838	7,709
Kansas	1,019,262	8,850	128,938	29,162	148,967	100,617	67,120	35,758	90,201	11,752	2,791
Kentucky	1,423,568	14,828	177,406	30,964	242,567	144,480	100,561	11,286	133,018	9,109	4,083
Louisiana	1,732,372	8,272	317,086	31,122	149,229	106,544	144,287	40,127	232,828	49,347	2,247
Maine	905,466	8,458	248,946	31,648	31,356	70,030	26,454	3,722	137,428	75,279	51,776
Maryland	1,929,167	20,910	444,438	42,717	101,299	110,309	79,977	13,547	160,930	38,592	25,397
Massachusetts	2,862,275	41,945	561,534	86,369	55,221	313,949	117,067	17,114	166,855	124,803	82,876
Michigan	3,271,515	37,812	735,330	104,884	184,437	222,616	197,243	19,585	488,864	73,329	45,297
Minnesota	3,635,061	57,906	631,370	149,266	221,299	414,837	721,838	17,117	319,703	149,706	76,256
Mississippi	891,794	6,029	114,900	20,908	90,911	97,168	51,655	13,158	101,986	21,077	4,738
Missouri	2,276,350	50,101	399,748	76,590	216,151	229,813	230,574	30,647	253,040	16,152	11,004
Montana	753,790	6,716	134,869	31,348	83,732	87,409	27,656	5,523	132,604	76,189	49,412
Nebraska	889,006	10,928	92,293	21,865	130,307	77,383	190,414	5,318	65,735	9,300	3,120
Nevada	1,109,185	11,532	147,494	20,053	39,066	65,656	54,141	6,319	114,943	40,467	27,304
New Hampshire	1,020,325	8,654	117,569	29,767	16,906	225,844	50,928	4,716	110,153	151,646	95,534
New Jersey	3,252,606	49,949	576,794	73,574	89,046	84,878	161,359	23,911	263,841	94,839	60,864
New Mexico	634,520	7,178	58,572	15,116	81,446	19,896	35,255	5,959	89,462	85,949	58,260
New York	8,505,481	75,504	1,087,834	156,037	206,148	360,260	286,545	36,153	528,351	173,532	114,704
North Carolina	3,329,353	38,208	601,451	116,366	202,930	156,086	191,048	18,132	351,652	53,031	36,089
North Dakota	414,008	3,127	65,609	7,652	69,882	25,582	26,175	4,432	58,319	6,244	3,003
Ohio	3,509,001	58,412	495,138	122,859	260,442	248,634	230,892	35,693	599,483	66,173	31,894
Oklahoma	1,259,053	12,839	182,524	24,595	196,240	68,164	77,828	22,390	235,995	12,636	3,273
Oregon	2,472,405	41,870	298,462	90,561	135,215	92,329	86,692	7,882	457,202	129,346	86,014
Pennsylvania	4,300,774	108,023	474,598	124,370	258,986	266,388	491,306	35,670	479,694	230,038	155,536
Rhode Island	365,212	4,018	160,492	8,578	6,075	7,276	15,357	1,532	21,992	5,296	3,608
South Carolina	2,162,875	21,021	434,601	43,542	89,082	252,189	155,856	15,692	384,926	6,649	2,520
South Dakota	457,237	6,285	50,800	12,455	96,307	43,542	37,252	3,611	66,977	12,447	8,643
Tennessee	2,473,242	22,286	596,524	67,731	153,340	176,443	140,116	13,884	298,012	43,827	29,602
Texas	11,188,472	104,798	1,587,775	243,195	731,292	1,047,559	690,024	243,299	1,484,522	237,143	34,454
Utah	1,842,019	35,497	192,153	40,396	84,876	123,258	87,617	14,956	218,329	549,150	367,983
Vermont	475,685	5,025	37,934	10,188	20,155	78,834	11,995	1,636	42,752	175,855	121,959
Virginia	2,394,061	32,934	402,411	78,415	187,787	200,083	110,725	16,144	222,064	23,571	16,004
Washington	3,455,420	61,859	662,066	138,228	205,266	149,355	170,147	154,445	372,139	220,871	138,513
West Virginia	451,005	3,582	64,201	10,574	50,841	29,829	29,927	3,581	42,200	24,564	15,944
Wisconsin	3,422,687	243,940	495,037	103,296	171,290	149,436	1,039,835	15,093	272,915	76,388	49,974
Wyoming	335,653	2,491	39,657	15,866	55,238	50,066	15,913	4,002	60,069	19,726	11,080

Skiing/snowboarding accounts for a significant portion of the snow activities in these states. Colorado (30.5 percent), California (11.4 percent), and Utah (10.5 percent) are the top three largest contributors to skiing/snowboarding value added in the United States (chart 5).

**Chart 5. State Share of Total Skiing/
Snowboarding Value Added, 2017**



U.S. Bureau of Economic Analysis

Value added by industry

Retail trade is the largest contributor to outdoor recreation value added in 17 states, including Texas (\$8.5 billion), Washington (\$2.8 billion), and Ohio (\$2.7 billion) (table 4). Manufacturing is the largest sector for outdoor recreation value added in Indiana (\$4.7 billion), Wisconsin (\$2.0 billion), Louisiana (\$1.6 billion), and Kansas (\$684.2 million). The arts, entertainment, and recreation sector combined with the accommodation and food services sector is the largest contributor to outdoor recreation in 26 states and the District of Columbia.

Table 4. Outdoor Recreation Value Added by State, Selected Industries, 2017
[Thousands of dollars]

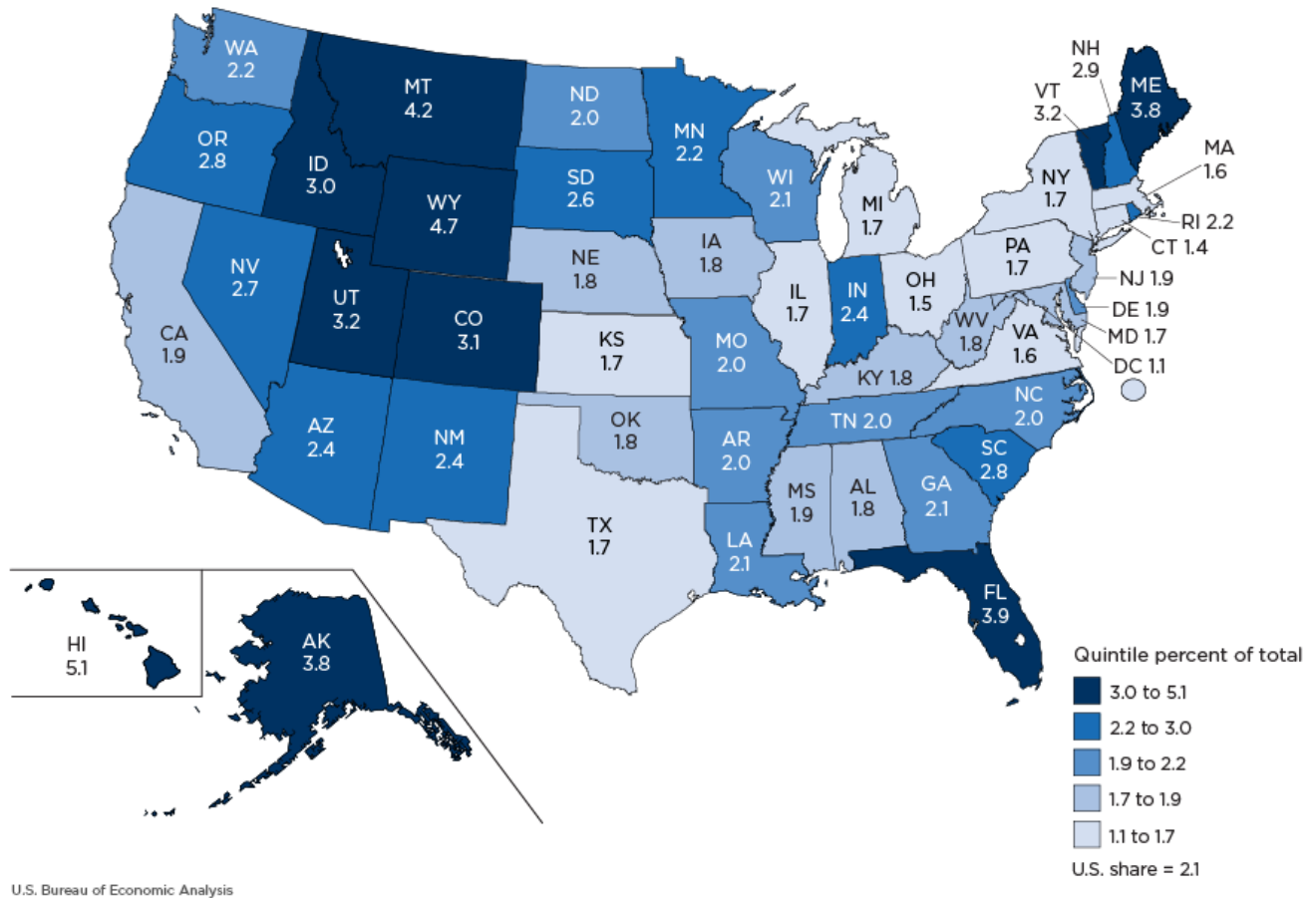
	Total outdoor recreation industries	Private industries	Manufacturing	Retail trade	Finance, insurance, real estate, rental, and leasing	Arts, entertainment, and recreation	Accommodation and food services	All other private industries	Government
United States	427,189,444	401,263,550	51,667,166	95,660,596	24,599,990	52,879,893	59,990,341	116,465,567	25,925,894
Alabama	4,133,003	3,868,776	411,126	1,310,458	224,647	315,368	745,847	861,331	264,227
Alaska	2,187,367	1,902,875	133,404	387,089	135,789	138,851	414,822	692,920	284,492
Arizona	8,654,150	8,066,337	360,525	2,116,316	709,129	1,024,244	1,715,235	2,140,887	587,813
Arkansas	2,887,050	2,697,898	559,630	787,842	137,102	207,343	377,154	628,826	189,152
California	52,120,252	48,774,747	5,773,527	10,838,594	2,675,553	7,461,103	6,634,132	15,391,837	3,345,505
Colorado	11,308,942	10,541,979	449,206	2,241,274	878,328	1,788,763	2,150,763	3,033,643	766,963
Connecticut	3,594,652	3,390,193	451,906	982,530	205,969	478,414	402,647	868,727	204,459
Delaware	1,309,865	1,253,257	112,658	430,046	134,604	95,887	316,596	163,466	56,607
District of Columbia	1,623,489	1,274,056	5,714	232,081	44,616	183,978	576,839	230,828	349,433
Florida	42,183,230	40,458,633	1,147,658	7,640,811	3,337,140	8,604,150	9,358,083	10,370,790	1,724,597
Georgia	12,319,942	11,752,952	1,234,272	2,456,209	489,236	1,298,055	1,340,313	4,934,867	566,990
Hawaii	4,794,590	4,547,173	107,705	665,996	238,976	317,556	1,278,773	1,938,168	247,416
Idaho	2,328,949	2,191,639	295,780	695,638	139,219	206,892	325,647	528,461	137,311
Illinois	14,725,840	13,660,892	1,894,583	2,840,819	667,136	1,708,275	1,199,480	5,350,598	1,064,949
Indiana	9,658,524	9,314,465	4,738,520	1,739,953	219,873	705,935	494,850	1,415,334	344,058
Iowa	3,442,812	3,244,711	744,066	896,247	96,639	301,964	294,473	911,324	198,101
Kansas	2,918,117	2,697,547	684,153	684,044	86,645	211,491	322,902	708,312	220,570
Kentucky	4,135,194	3,880,834	712,851	1,102,575	156,872	354,668	473,982	1,079,887	254,359
Louisiana	5,898,325	5,424,409	1,553,033	1,237,542	237,811	459,348	547,295	1,389,382	473,916
Maine	2,957,847	2,867,990	328,022	610,533	401,661	228,192	986,874	312,709	89,857
Maryland	7,058,582	6,155,998	279,759	1,743,814	385,701	813,696	1,193,063	1,739,966	902,584
Massachusetts	9,210,427	8,803,667	982,280	1,940,554	643,326	1,363,963	1,291,584	2,581,961	406,760
Michigan	9,954,756	9,435,579	1,142,187	2,548,301	892,593	1,085,448	1,170,175	2,596,875	519,177
Minnesota	9,638,553	8,949,024	1,843,732	1,956,471	553,258	885,278	656,192	3,054,092	689,529
Mississippi	2,629,162	2,409,268	647,087	739,081	123,513	119,458	319,220	460,910	219,894
Missouri	6,761,351	6,311,424	1,176,775	1,547,960	354,856	968,809	716,288	1,546,737	449,927
Montana	2,381,709	2,245,956	194,459	518,297	140,878	337,060	509,882	545,381	135,754
Nebraska	2,273,407	2,135,018	416,639	546,354	70,117	181,077	255,271	665,560	138,389
Nevada	4,462,542	4,020,274	93,084	1,079,368	218,216	536,725	682,962	1,409,919	442,268
New Hampshire	2,710,336	2,629,758	317,346	757,303	294,166	294,782	602,650	363,511	80,577
New Jersey	11,222,802	10,744,273	901,545	2,736,368	903,195	1,460,630	1,347,769	3,394,764	478,529
New Mexico	2,314,310	2,054,069	122,001	617,224	185,928	176,106	595,921	356,891	260,241
New York	26,299,866	24,434,332	1,687,444	5,635,691	1,745,373	3,616,572	3,091,380	8,657,873	1,865,533
North Carolina	11,936,052	11,181,670	1,513,993	2,798,488	622,800	1,391,631	1,895,312	2,959,448	754,382
North Dakota	1,208,579	1,064,864	74,471	378,362	50,506	79,538	119,321	362,666	143,716
Ohio	10,167,019	9,432,595	1,620,087	2,667,856	397,680	1,518,966	694,283	2,533,724	734,424
Oklahoma	3,836,530	3,568,921	462,148	998,936	197,984	384,577	360,539	1,164,737	267,609
Oregon	6,538,383	6,109,216	561,501	1,568,294	293,692	561,962	1,217,677	1,906,089	429,168
Pennsylvania	13,173,567	12,534,629	1,679,625	3,073,179	865,696	1,978,941	1,239,418	3,697,772	638,938
Rhode Island	1,391,601	1,324,679	91,310	308,017	76,209	163,119	420,202	265,823	66,922
South Carolina	6,853,918	6,487,440	855,561	1,702,804	371,669	560,882	2,061,767	934,756	366,478
South Dakota	1,341,806	1,193,064	86,596	360,369	50,733	93,594	284,198	317,575	148,741
Tennessee	7,342,537	6,912,889	1,031,143	1,832,094	322,063	892,723	1,287,678	1,547,189	429,648
Texas	34,565,594	33,278,498	7,283,778	8,488,429	1,308,366	3,385,750	2,230,830	10,581,345	1,287,097
Utah	5,514,051	5,065,651	441,331	1,353,907	402,922	670,673	849,359	1,347,458	448,400
Vermont	1,468,493	1,422,689	148,923	294,569	231,625	150,214	413,979	183,382	45,803
Virginia	9,285,508	8,470,711	594,651	2,341,920	428,290	961,205	1,548,477	2,596,170	814,797
Washington	11,535,055	10,846,978	1,547,813	2,781,151	506,584	1,059,994	1,344,415	3,607,022	688,077
West Virginia	1,497,706	1,346,611	99,649	463,473	110,069	122,593	251,044	299,782	151,095
Wisconsin	7,785,344	7,402,179	1,966,479	1,636,411	584,357	880,771	742,139	1,592,021	383,165
Wyoming	1,647,761	1,480,264	105,430	348,956	50,680	92,677	640,641	241,878	167,497

Note. The estimates are based on the 2012 North American Industry Classification System.

Compensation and employment

Compensation as a percent of state total compensation is highest in Hawaii (5.1 percent), Wyoming (4.7 percent), and Montana (4.2 percent) (chart 6).

Chart 6. Outdoor Recreation Compensation: Percent of State Total, 2017



The lowest percentage shares are found in the District of Columbia (1.1 percent), Connecticut (1.4 percent), and Ohio (1.5 percent). Average compensation, which is defined as total outdoor recreation compensation divided by the number of total outdoor recreation jobs, ranges from \$31,011 in West Virginia to \$48,318 in New York (table 5).

Table 5. Outdoor Recreation Average Compensation by State, Selected Industries, 2017

[Dollars]

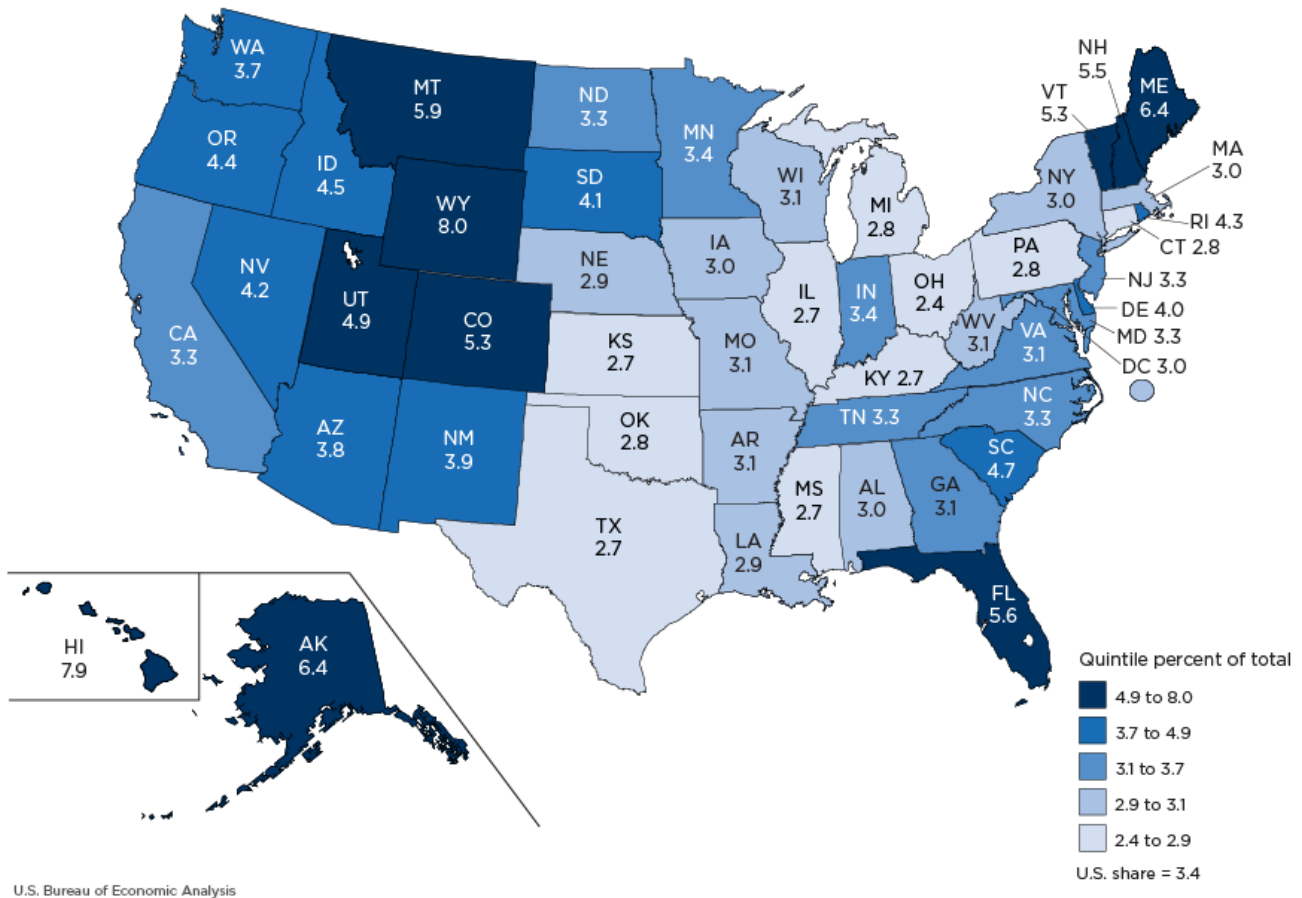
	Total outdoor recreation industries	Private industries	Manufacturing	Retail trade	Finance, insurance, real estate, rental, and leasing	Arts, entertainment, and recreation	Accommodation and food services	All other private industries	Government
Alabama	33,265	31,256	40,172	26,778	65,302	23,329	28,776	52,550	63,605
Alaska	45,451	41,131	66,173	32,916	56,162	32,583	30,407	72,110	93,382
Arizona	39,898	38,114	75,946	30,951	60,687	37,757	29,030	64,423	71,319
Arkansas	35,371	33,402	50,056	27,914	58,059	24,600	27,459	51,454	66,352
California	46,517	43,682	78,264	34,301	78,304	42,700	29,449	63,550	92,580
Colorado	40,799	38,923	70,671	31,311	76,888	36,249	29,543	66,097	65,904
Connecticut	39,752	38,006	109,539	31,322	118,014	28,252	26,799	60,097	77,098
Delaware	33,055	31,786	76,445	28,887	66,261	27,051	28,252	55,738	75,159
District of Columbia	41,321	35,282	(D)	33,003	76,238	86,824	26,234	(D)	96,341
Florida	41,139	40,029	47,795	32,046	64,735	42,102	30,743	69,262	79,512
Georgia	43,514	41,870	62,726	29,494	72,475	32,891	28,071	76,046	70,214
Hawaii	42,335	40,958	57,657	30,817	57,140	31,646	30,383	70,639	67,759
Idaho	34,967	33,421	60,054	31,477	52,661	22,891	27,529	50,578	63,179
Illinois	46,782	44,644	95,463	29,832	100,533	39,828	27,135	71,295	64,083
Indiana	41,340	40,673	54,975	28,299	69,116	29,562	25,920	55,574	57,229
Iowa	33,921	32,243	44,389	27,049	72,744	21,655	27,514	48,500	65,135
Kansas	35,848	34,027	68,959	28,059	75,477	21,923	27,450	51,442	55,387
Kentucky	36,791	34,981	70,459	26,262	77,507	29,267	27,865	56,337	67,427
Louisiana	43,537	41,103	112,999	28,629	68,086	36,127	28,148	62,229	74,150
Maine	33,720	32,739	64,582	29,854	57,427	24,526	30,748	42,835	65,453
Maryland	40,418	36,752	76,711	29,920	79,191	35,526	28,114	62,064	89,064
Massachusetts	43,970	42,082	100,242	32,241	80,217	37,866	28,025	65,277	101,125
Michigan	37,540	36,449	72,801	29,528	65,773	30,364	27,934	58,264	61,983
Minnesota	44,596	42,709	81,404	29,334	85,629	32,078	27,103	70,096	64,771
Mississippi	33,816	31,819	63,621	25,856	54,407	22,254	27,302	50,886	62,521
Missouri	39,369	37,979	70,616	28,455	68,264	38,127	26,362	55,434	56,798
Montana	37,030	35,452	77,906	30,584	47,439	30,931	30,749	55,743	71,641
Nebraska	36,692	35,207	75,391	29,533	79,587	21,700	28,565	47,596	58,932
Nevada	39,324	37,006	61,776	30,643	59,582	30,094	26,711	69,039	70,621
New Hampshire	34,781	34,013	104,990	30,692	63,809	24,908	28,631	53,456	65,726
New Jersey	43,670	41,068	80,058	32,069	90,139	37,716	27,849	66,400	86,237
New Mexico	34,880	31,301	72,506	29,780	59,529	23,410	29,639	45,411	77,345
New York	48,318	44,185	77,698	34,819	83,124	40,927	28,385	69,325	106,691
North Carolina	37,988	36,322	58,099	28,267	67,517	34,382	28,842	61,003	67,593
North Dakota	36,544	35,089	84,639	31,345	60,962	24,527	26,964	56,332	45,629
Ohio	39,018	35,989	68,444	27,866	82,497	31,666	25,351	55,775	72,965
Oklahoma	38,089	36,008	57,076	29,137	70,056	30,479	27,698	57,525	70,761
Oregon	41,415	39,229	53,560	33,430	63,773	27,873	28,618	71,194	73,954
Pennsylvania	39,324	36,507	76,920	27,306	73,959	30,911	26,304	59,076	93,056
Rhode Island	34,568	33,470	50,460	32,159	74,267	27,903	28,088	55,383	92,287
South Carolina	34,228	32,735	67,161	29,095	60,022	23,839	29,276	51,100	63,560
South Dakota	32,891	30,837	69,894	28,207	56,272	20,699	28,725	45,248	51,683
Tennessee	36,692	35,207	60,089	28,375	65,800	32,518	28,170	57,197	64,279
Texas	41,918	40,263	89,388	29,681	74,129	33,541	26,333	67,075	75,341
United States	41,279	39,163	70,125	30,606	73,352	34,949	28,620	63,846	75,965
Utah	37,858	36,898	59,829	31,274	68,589	29,885	29,379	58,011	48,309
Vermont	35,407	34,291	77,050	31,395	57,909	26,187	30,974	49,100	84,723
Virginia	37,343	34,793	59,940	28,520	67,752	28,799	27,500	64,414	66,372
Washington	45,357	42,461	74,501	37,103	66,992	30,124	27,204	67,418	91,545
West Virginia	31,011	29,469	70,142	26,346	54,011	23,575	27,172	48,770	48,351
Wisconsin	41,817	40,327	105,853	28,143	65,146	29,650	26,608	54,503	75,370
Wyoming	35,988	32,992	(D)	30,761	51,822	26,726	30,607	(D)	71,964

(D) Data are suppressed to avoid disclosure of confidential information.

Note. The estimates are based on the 2012 North American Industry Classification System.

U.S. outdoor recreation employment as a percentage of U.S. employment is 3.4 percent in 2017 (chart 7).

Chart 7. Outdoor Recreation Employment: Percent of State Total, 2017



Like value-added states in the Rocky Mountains and New England, the states of Alaska, Hawaii, and Florida have a high share of their employment related to outdoor recreation. However, state employment shares tend to be higher than their respective state value-added shares. This is due to the composition of outdoor recreation employment. Service-sector jobs related to outdoor recreation tend to have more employees per dollar of value added than business and professional services jobs. Wyoming, Hawaii, and Alaska are the states with the highest state outdoor recreation employment shares.

In Wyoming, Hawaii, and Alaska, the accommodation and food services sector is the largest contributor, followed by retail trade (table 6). Retail trade is also the largest contributor to outdoor recreation employment in 41 states. Manufacturing is the largest contributor to state outdoor recreation employment in Indiana, driven by the RV manufacturing industry.

Table 6. Outdoor Recreation Employment by State, Selected Industries, 2017

[Number of jobs]

	Total outdoor recreation industries	Private industries	Manufacturing	Retail trade	Finance, insurance, real estate, rental, and leasing	Arts, entertainment, and recreation	Accommodation and food services	All other private industries	Government
United States	5,170,670	4,873,294	255,664	1,627,246	51,860	1,035,899	1,087,555	815,069	297,376
Alabama	62,647	58,757	4,167	24,498	536	8,835	13,330	7,391	3,890
Alaska	22,677	20,802	202	6,161	179	3,081	6,645	4,533	1,875
Arizona	108,460	102,631	2,255	33,386	1,437	19,829	30,358	15,366	5,829
Arkansas	39,299	36,950	4,568	13,633	270	6,337	7,141	5,002	2,349
California	588,680	554,550	27,339	169,229	5,490	123,559	116,571	112,362	34,130
Colorado	146,178	136,013	2,645	38,330	2,738	35,010	37,188	20,099	10,165
Connecticut	48,390	46,228	1,496	16,698	579	12,025	7,968	7,461	2,162
Delaware	18,485	17,944	335	7,719	161	2,314	5,995	(D)	541
District of Columbia	23,651	21,312	(D)	3,907	80	1,584	12,889	2,097	2,339
Florida	502,939	488,810	11,068	124,273	4,608	128,529	153,556	66,776	14,129
Georgia	144,203	135,841	8,637	47,227	1,280	25,814	25,229	27,653	8,362
Hawaii	57,584	54,626	484	11,405	472	6,883	22,012	13,370	2,958
Idaho	33,831	32,073	2,053	12,066	363	7,071	6,258	4,262	1,758
Illinois	165,400	147,208	7,662	51,859	1,780	30,073	24,094	31,740	18,192
Indiana	108,535	104,160	35,577	30,163	766	16,089	10,117	11,448	4,375
Iowa	48,185	45,727	7,720	16,970	371	8,950	5,544	6,172	2,458
Kansas	39,776	36,383	3,131	14,636	256	6,805	6,314	5,240	3,392
Kentucky	53,632	50,641	2,939	20,130	499	10,287	8,769	8,017	2,991
Louisiana	59,460	55,079	2,606	21,441	512	8,930	10,134	11,456	4,380
Maine	40,720	39,498	2,441	10,512	597	7,429	15,563	2,956	1,222
Maryland	92,683	86,187	1,549	31,266	875	16,944	22,522	13,031	6,496
Massachusetts	111,609	108,041	4,867	32,757	1,396	25,303	24,730	18,989	3,568
Michigan	126,681	121,266	5,660	46,162	1,527	27,247	21,514	19,156	5,415
Minnesota	101,035	92,390	7,943	33,052	1,206	20,062	12,302	17,825	8,645
Mississippi	33,111	30,956	2,559	14,547	231	3,998	6,150	3,473	2,154
Missouri	91,090	84,360	6,548	31,331	842	18,369	14,432	12,839	6,730
Montana	28,847	27,589	711	8,387	285	6,406	8,132	3,668	1,258
Nebraska	29,863	27,996	2,229	9,785	259	5,876	4,633	5,213	1,868
Nevada	56,940	53,012	615	18,153	495	9,793	14,425	9,532	3,927
New Hampshire	37,818	36,902	1,150	13,022	608	7,952	10,457	3,712	916
New Jersey	139,017	131,008	4,516	47,518	1,551	27,370	25,960	24,092	8,009
New Mexico	33,486	30,883	385	10,933	380	5,423	10,231	3,531	2,603
New York	293,447	274,043	9,046	88,847	2,939	56,551	57,011	59,649	19,404
North Carolina	151,589	143,515	7,472	49,948	1,226	30,102	33,952	20,816	8,074
North Dakota	14,856	12,805	230	5,566	104	2,204	2,378	2,321	2,051
Ohio	137,073	125,846	7,083	49,016	1,579	33,818	14,416	19,932	11,227
Oklahoma	47,096	44,274	2,275	18,058	479	8,933	6,819	7,707	2,821
Oregon	86,529	81,082	5,126	25,744	697	13,440	22,121	13,954	5,447
Pennsylvania	173,588	164,944	8,022	56,906	2,227	45,789	24,452	27,549	8,645
Rhode Island	21,642	21,238	785	5,327	180	4,345	8,126	2,179	404
South Carolina	101,274	96,368	5,726	29,885	697	15,048	36,663	8,351	4,906
South Dakota	18,718	16,873	510	6,242	103	2,893	4,810	2,314	1,845
Tennessee	101,033	95,875	6,233	34,829	876	18,118	23,524	12,293	5,158
Texas	340,798	324,713	14,184	132,757	3,352	68,160	44,093	62,167	16,085
Utah	75,143	68,826	3,833	23,228	980	15,010	14,921	10,856	6,317
Vermont	17,301	16,918	581	5,589	232	2,154	6,649	1,713	383
Virginia	128,407	118,037	2,437	42,158	1,042	24,119	30,251	18,030	10,370
Washington	128,991	121,379	7,209	37,077	1,097	23,622	26,729	25,644	7,611
West Virginia	22,202	20,391	274	9,213	185	3,454	4,944	2,322	1,812
Wisconsin	93,009	89,052	8,378	29,528	1,148	21,389	14,157	14,451	3,957
Wyoming	23,062	21,291	(D)	6,172	90	2,572	10,375	(D)	1,772

(D) Data are suppressed to avoid disclosure of confidential information.

Note. The estimates are based on the 2012 North American Industry Classification System.

The top five states in terms of outdoor recreation employment growth in 2017 were Hawaii, South Carolina, Utah, Indiana, and Colorado (table 7). The largest contributing industry to Hawaii's 11.1 percent growth in outdoor recreation employment was accommodation and food

services at 8.8 percent. This was also true for South Carolina, Utah, and Colorado; however, in Indiana, manufacturing accounted for nearly all the state's 6.4 percent growth in outdoor recreation employment.

**Table 7. Contribution to Growth in Outdoor Recreation Employment by State, Selected Industries, 2017
[Percent]**

	Total outdoor recreation industries	Private industries	Manufacturing	Retail trade	Finance, insurance, real estate, rental, and leasing	Arts, entertainment, and recreation	Accommodation and food services	All other private industries	Government
Alabama	0.9	0.8	0.4	-0.4	0.0	0.5	0.2	0.1	0.1
Alaska	-0.9	-1.0	0.0	0.5	0.0	-0.1	-1.0	-0.5	0.2
Arizona	3.7	3.6	0.0	0.2	0.0	0.8	2.4	0.1	0.1
Arkansas	-1.4	-1.5	0.6	-1.0	0.0	0.7	-1.8	0.0	0.1
California	2.6	2.6	-0.2	-0.2	0.0	0.7	1.6	0.7	0.1
Colorado	6.2	6.0	0.1	0.9	0.1	1.1	3.0	0.8	0.2
Connecticut	-0.6	-0.7	-0.1	-1.4	0.0	0.6	0.3	-0.1	0.1
Delaware	-1.5	-1.5	0.0	-1.1	0.0	0.6	-0.9	0.0	0.0
District of Columbia	6.0	6.1	(D)	0.5	0.0	0.5	5.3	(D)	-0.1
Florida	3.5	3.4	0.2	0.0	0.0	1.3	1.4	0.6	0.0
Georgia	2.7	2.7	0.5	1.0	0.0	1.0	0.0	0.2	0.1
Hawaii	11.1	11.0	-0.1	0.7	0.0	0.2	8.8	1.4	0.1
Idaho	4.2	4.1	0.6	0.9	0.0	0.6	2.1	-0.1	0.0
Illinois	-1.0	-1.2	0.0	-0.8	0.0	0.4	-0.9	0.1	0.2
Indiana	6.4	6.3	6.3	0.4	0.0	0.4	-1.0	0.2	0.1
Iowa	1.9	1.8	1.9	0.5	0.0	0.5	-1.2	0.1	0.1
Kansas	-0.3	-0.5	0.1	0.9	0.0	0.7	-2.3	0.0	0.2
Kentucky	1.8	1.7	-0.1	0.8	0.0	0.8	-0.1	0.3	0.1
Louisiana	-3.0	-3.1	0.1	-1.5	0.0	0.4	-2.2	0.0	0.1
Maine	2.6	2.6	0.4	0.4	0.0	0.5	1.0	0.2	0.1
Maryland	-1.4	-1.5	0.0	-0.5	0.0	0.6	-1.9	0.2	0.1
Massachusetts	-0.1	-0.1	0.0	-0.6	0.0	0.8	-0.7	0.4	0.0
Michigan	3.8	3.7	0.3	1.4	0.0	0.6	1.0	0.5	0.1
Minnesota	0.8	0.6	0.2	0.0	0.0	0.4	-0.2	0.2	0.2
Mississippi	-0.4	-0.3	0.3	-0.6	0.0	0.5	-0.5	0.0	-0.1
Missouri	4.3	4.2	0.1	1.6	0.0	0.7	1.6	0.2	0.1
Montana	6.0	6.0	0.0	0.0	0.0	0.5	4.8	0.6	0.0
Nebraska	-1.6	-1.7	0.2	-0.8	0.0	0.6	-1.7	0.0	0.1
Nevada	2.0	1.8	0.0	-0.1	0.0	1.3	0.3	0.4	0.1
New Hampshire	-0.2	-0.2	0.0	-0.5	0.0	0.3	-0.2	0.1	0.0
New Jersey	-1.8	-1.8	0.1	-1.5	0.0	0.9	-1.3	0.0	0.0
New Mexico	-0.8	-0.9	0.0	-0.3	0.1	0.5	-1.3	0.1	0.1
New York	-3.8	-3.8	-0.2	-1.5	0.0	0.4	-2.4	-0.2	0.0
North Carolina	3.3	3.2	0.2	1.0	0.0	0.7	1.0	0.3	0.1
North Dakota	-3.1	-3.3	0.0	-1.1	0.0	0.6	-2.4	-0.4	0.3
Ohio	0.2	0.1	0.3	0.1	0.0	0.6	-1.0	0.1	0.1
Oklahoma	-1.6	-1.7	0.4	-0.1	-0.1	0.9	-3.2	0.3	0.1
Oregon	3.7	3.5	0.6	0.1	0.0	0.8	1.7	0.4	0.1
Pennsylvania	-0.6	-0.6	0.0	-0.6	0.0	0.5	-0.6	0.1	0.0
Rhode Island	-0.5	-0.5	0.1	-0.8	0.0	0.5	-0.2	0.0	0.0
South Carolina	9.0	8.9	0.6	1.4	0.0	0.6	6.0	0.2	0.1
South Dakota	2.9	2.8	0.0	0.2	0.0	0.8	1.7	0.0	0.1
Tennessee	2.6	2.6	0.4	0.4	0.1	1.1	0.5	0.2	0.1
Texas	1.4	1.3	0.1	-0.3	0.0	0.9	0.1	0.4	0.1
United States	1.8	1.7	0.2	0.0	0.0	0.7	0.4	0.2	0.1
Utah	7.4	7.2	0.0	1.9	0.1	0.9	3.8	0.6	0.2
Vermont	-0.6	-0.6	-0.2	0.4	0.0	0.0	-1.0	0.1	0.0
Virginia	1.2	1.0	0.0	0.1	0.0	1.0	-0.4	0.3	0.2
Washington	2.0	1.9	0.0	0.1	0.0	0.4	0.9	0.6	0.0
West Virginia	-3.9	-4.0	0.0	-0.4	0.0	-0.4	-3.4	0.2	0.1
Wisconsin	1.8	1.8	0.1	0.7	0.0	0.7	0.2	0.1	0.1
Wyoming	3.9	3.8	(D)	1.4	0.0	0.2	2.0	(D)	0.1

(D) Data are suppressed to avoid disclosure of confidential information.

Note. The estimates are based on the 2012 North American Industry Classification System.

Directions for Future Work

BEA is currently soliciting feedback on the prototype state-level ORSA statistics. The agency will release official state-level statistics in the fall of 2020 that incorporate user feedback, new source data, and improvements to methodology.

In addition, BEA will research the feasibility of producing real-dollar estimates of outdoor recreation value added by state. BEA developed this account under a 2-year interagency agreement with the U.S. Department of the Interior and other federal agencies that serve as stewards of public land and waterways and as stipulated in the Outdoor Recreation Jobs and Economic Impact Act of 2016.

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1. For questions or comments about this article, the authors can be reached at OutdoorRecreation@bea.gov.
 2. BEA released prototype national estimates of outdoor recreation in [March 2018](#) and official estimates in [September 2018](#).
 3. See <https://www.congress.gov/bill/114th-congress/house-bill/4665>.
 4. ORSA is the latest in a series of [satellite accounts](#) produced by BEA, including satellite accounts for arts and culture, travel and tourism, health care, transportation, research and development, digital economy, and household production.
 5. See <https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>.

National Statistics

Table A. Real Outdoor Recreation Value Added by Activity

[Millions of chained (2012) dollars]

Line		2012	2013	2014	2015	2016	2017
1	Total outdoor recreation	360,509	361,153	363,128	370,446	371,789	386,107
2	Total core outdoor recreation	181,182	182,453	185,380	186,452	187,001	196,628
3	Conventional outdoor recreation	111,349	112,623	113,991	116,012	116,392	122,221
4	Bicycling	1,750	1,877	1,904	1,839	2,073	2,091
5	Boating/fishing	17,436	17,165	17,235	17,629	17,897	18,733
6	Canoeing	76	73	76	78	80	83
7	Kayaking	326	323	315	327	347	363
8	Fishing (excludes boating)	2,583	2,478	2,486	2,533	2,522	2,500
9	Sailing	1,042	1,039	1,095	1,105	1,145	1,192
10	Other boating	13,408	13,254	13,267	13,589	13,805	14,590
11	Climbing/hiking/tent camping	3,067	3,141	3,179	3,106	3,266	3,241
12	Equestrian	5,245	5,389	5,686	5,800	6,139	6,800
13	Hunting/shooting/trapping	6,514	7,288	6,821	7,393	6,938	7,900
14	Hunting/trapping	3,457	3,763	3,474	3,872	3,388	3,811
15	Shooting (includes archery)	3,057	3,526	3,349	3,517	3,563	4,107
16	Motorcycling/ATVing	8,144	8,177	8,384	8,474	8,255	8,315
17	Recreational flying	1,166	1,111	1,186	1,208	1,247	1,258
18	RVing	12,654	13,048	13,146	13,314	13,485	14,797
19	Snow activities	5,041	4,888	5,214	5,220	5,055	5,152
20	Skiing	1,565	1,541	1,675	1,689	1,646	1,725
21	Snowboarding	1,346	1,342	1,429	1,430	1,443	1,524
22	Other snow activities (includes snowmobiling) ¹	2,130	2,005	2,111	2,102	1,966	1,903
23	Other conventional outdoor recreation activities	8,813	8,694	9,425	9,603	9,797	10,111
24	Other conventional air and land activities ²	6,909	6,907	7,521	7,623	7,845	8,175
25	Other conventional water activities ³	1,904	1,787	1,908	1,980	1,959	1,952
26	Multi-use apparel and accessories (conventional) ⁴	41,519	41,842	41,851	42,451	42,255	43,722
27	Other outdoor recreation	69,833	69,828	71,388	70,445	70,613	74,407
28	Amusement parks/water parks	8,918	8,087	7,916	7,940	8,033	8,639
29	Festivals/sporting events/concerts	10,703	11,102	11,800	10,731	11,218	11,594
30	Field sports	2,719	2,659	2,791	2,868	2,931	2,975
31	Game areas (includes golfing and tennis)	16,996	17,168	16,982	16,550	16,882	17,831
32	Guided tours/outfitted travel	12,054	11,904	12,069	11,156	10,139	11,136
33	Air and land guided tours/outfitted travel	6,588	6,536	6,830	6,678	6,393	6,687
34	Water guided tours/outfitted travel (includes boating and fishing charters)	5,466	5,368	5,241	4,487	3,761	4,457
35	Productive activities (includes gardening)	6,680	6,928	7,795	8,300	8,564	8,882
36	Other outdoor recreation activities ⁵	8,249	8,208	8,511	9,304	9,312	9,621
37	Multi-use apparel and accessories (other) ⁴	3,513	3,803	3,599	3,805	3,779	3,904
38	Supporting outdoor recreation	179,327	178,700	177,768	183,951	184,743	189,505
39	Construction	5,392	5,187	5,217	5,497	5,688	5,809
40	Local trips and travel ⁶	33,019	33,206	33,578	33,398	32,322	33,005
41	Trips and travel ⁷	122,373	121,888	120,768	126,700	127,733	131,103
42	Food and beverages	21,802	17,871	18,218	18,783	18,817	19,074
43	Lodging	34,614	35,523	32,472	35,057	34,973	34,726
44	Shopping and souvenirs	20,725	21,141	21,330	21,354	21,419	21,721
45	Transportation	45,231	47,379	48,823	51,551	52,584	55,730
46	Government expenditures	18,543	18,424	18,222	18,351	18,912	19,493
47	Federal government	2,751	2,960	2,743	2,677	2,776	2,746
48	State and local government	15,793	15,469	15,474	15,664	16,127	16,732

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, snow tubing.
2. Consists of air sports, driving for pleasure, geocaching/orienteering/rock hounding, ice skating, inline skating, land/sand sailing, races, running/walking/jogging, skateboarding, and wildlife watching/birding.
3. Consists of boardsailing/windsurfing, SCUBA diving, snorkeling, stand-up paddling, surfing, tubing, wakeboarding, water skiing, and whitewater rafting.
4. Consists of backpacks, bug spray, coolers, general outdoor clothing, GPS equipment, hydration equipment, lighting, sports racks, sunscreen, watches, and other miscellaneous gear and equipment.
5. Consists of agritourism, augmented reality games, beachgoing, disc golf, hot springs soaking, kite flying, model airplane/rocket/UAV, paintball, photography, stargazing/astronomy, swimming, therapeutic programs, water polo, yard sports.
6. Trip expenses less than 50 miles away from home, including food and beverages, lodging, shopping and souvenirs, and transportation.
7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

Table B. Outdoor Recreation Value Added by Activity

[Millions of current dollars]

Line		2012	2013	2014	2015	2016	2017
1	Total outdoor recreation	360,509	369,280	378,654	400,205	407,362	427,189
2	Total core outdoor recreation	181,182	186,700	191,226	198,881	202,513	213,246
3	Conventional outdoor recreation	111,349	115,482	117,737	123,249	124,873	130,844
4	Bicycling	1,750	1,850	1,876	1,845	2,151	2,145
5	Boating/fishing	17,436	17,691	18,306	19,253	19,920	20,887
6	Canoeing	76	74	79	83	88	92
7	Kayaking	326	335	343	362	397	414
8	Fishing (excludes boating)	2,583	2,623	2,635	2,730	2,715	2,686
9	Sailing	1,042	1,048	1,124	1,183	1,259	1,295
10	Other boating	13,408	13,611	14,125	14,894	15,461	16,399
11	Climbing/hiking/tent camping	3,067	3,201	3,303	3,441	3,488	3,465
12	Equestrian	5,245	5,523	6,146	6,437	6,842	7,756
13	Hunting/shooting/trapping	6,514	7,604	7,225	8,063	7,746	8,787
14	Hunting/trapping	3,457	3,967	3,768	4,354	3,922	4,404
15	Shooting (includes archery)	3,057	3,637	3,457	3,709	3,824	4,383
16	Motorcycling/ATVing	8,144	8,311	8,463	8,789	8,861	9,079
17	Recreational flying	1,166	1,221	1,289	1,326	1,318	1,400
18	RVing	12,654	13,500	14,123	14,888	15,411	16,888
19	Snow activities	5,041	4,897	5,297	5,530	5,449	5,646
20	Skiing	1,565	1,534	1,682	1,779	1,784	1,849
21	Snowboarding	1,346	1,341	1,441	1,521	1,579	1,648
22	Other Snow activities (includes snowmobiling) ¹	2,130	2,022	2,174	2,230	2,086	2,149
23	Other conventional outdoor recreation activities	8,813	8,969	9,192	9,575	9,697	10,072
24	Other conventional air and land activities ²	6,909	7,106	7,206	7,448	7,557	7,965
25	Other conventional water activities ³	1,904	1,863	1,987	2,127	2,141	2,107
26	Multi-use apparel and accessories (conventional) ⁴	41,519	42,713	42,517	44,101	43,989	44,719
27	Other outdoor recreation	69,833	71,219	73,490	75,633	77,640	82,402
28	Amusement parks/water parks	8,918	8,804	9,112	9,740	10,537	11,859
29	Festivals/sporting events/concerts	10,703	11,385	12,477	12,258	13,368	14,143
30	Field sports	2,719	2,738	2,896	3,057	3,184	3,238
31	Game areas (includes golfing and tennis)	16,996	17,071	16,993	17,306	18,015	18,471
32	Guided tours/outfitted travel	12,054	12,113	12,545	12,275	11,572	12,890
33	Air and land guided tours/outfitted travel	6,588	6,632	7,051	7,288	7,217	7,666
34	Water guided tours/outfitted travel (includes boating and fishing charters)	5,466	5,481	5,494	4,987	4,354	5,224
35	Productive activities (includes gardening)	6,680	6,979	7,146	7,478	7,628	8,098
36	Other outdoor recreation activities ⁵	8,249	8,315	8,722	9,710	9,597	9,822
37	Multi-use apparel and accessories (other) ⁴	3,513	3,814	3,599	3,810	3,741	3,882
38	Supporting outdoor recreation	179,327	182,580	187,428	201,324	204,849	213,944
39	Construction	5,392	5,504	5,930	6,650	7,315	7,853
40	Local trips and travel ⁶	33,019	33,467	34,534	35,489	34,118	35,763
41	Trips and travel ⁷	122,373	124,141	126,877	138,338	141,933	147,813
42	Food and beverages	21,802	18,405	19,218	20,800	21,714	22,678
43	Lodging	34,614	36,498	34,698	38,805	40,036	40,786
44	Shopping and souvenirs	20,725	21,372	21,984	22,719	22,901	23,196
45	Transportation	45,231	47,866	50,977	56,014	57,281	61,152
46	Government expenditures	18,543	19,468	20,087	20,846	21,483	22,515
47	Federal government	2,751	3,018	2,874	2,858	3,013	3,066
48	State and local government	15,793	16,450	17,213	17,989	18,470	19,449

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, snow tubing.
2. Consists of air sports, driving for pleasure, geocaching/orienteering/rock hounding, ice skating, inline skating, land/sand sailing, races, running/walking/jogging, skateboarding, and wildlife watching/birding.
3. Consists of boardsailing/windsurfing, SCUBA diving, snorkeling, stand-up paddling, surfing, tubing, wakeboarding, water skiing, and whitewater rafting.
4. Consists of backpacks, bug spray, coolers, general outdoor clothing, GPS equipment, hydration equipment, lighting, sports racks, sunscreen, watches, and other miscellaneous gear and equipment.
5. Consists of agritourism, augmented reality games, beachgoing, disc golf, hot springs soaking, kite flying, model airplane/rocket/UAV, paintball, photography, stargazing/astronomy, swimming, therapeutic programs, water polo, yard sports.
6. Trip expenses less than 50 miles away from home, including food and beverages, lodging, shopping and souvenirs, and transportation.
7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

Table C. Real Outdoor Recreation Gross Output by Activity

[Millions of chained (2012) dollars]

Line		2012	2013	2014	2015	2016	2017
1	Total outdoor recreation	691,782	699,173	708,666	730,321	742,793	762,768
2	Total core outdoor recreation	342,735	352,736	359,960	368,509	375,449	391,354
3	Conventional outdoor recreation	214,386	222,085	226,931	233,108	238,877	248,087
4	Bicycling	3,182	3,353	3,445	3,306	3,729	3,874
5	Boating/fishing	32,428	32,760	33,153	34,769	35,854	38,039
6	Canoeing	124	121	126	129	133	141
7	Kayaking	580	580	581	618	680	736
8	Fishing (excludes boating)	4,863	4,829	4,947	5,082	5,063	5,031
9	Sailing	1,824	1,888	1,974	2,052	2,151	2,231
10	Other boating	25,037	25,343	25,527	26,891	27,833	29,913
11	Climbing/hiking/tent camping	5,588	5,823	5,967	5,815	6,102	6,058
12	Equestrian	9,307	9,862	10,663	11,046	11,887	13,446
13	Hunting/shooting/trapping	11,371	12,968	12,397	13,267	13,043	14,068
14	Hunting/trapping	5,844	6,518	6,217	6,779	6,280	6,709
15	Shooting (includes archery)	5,527	6,451	6,181	6,486	6,772	7,371
16	Motorcycling/ATVing	17,154	17,575	17,989	18,825	18,703	19,592
17	Recreational flying	2,870	2,849	3,018	3,068	3,251	3,206
18	RVing	26,710	28,869	30,374	31,147	33,016	34,552
19	Snow activities	10,638	10,733	11,091	11,323	11,298	11,575
20	Skiing	2,929	2,988	3,211	3,321	3,277	3,411
21	Snowboarding	2,534	2,635	2,770	2,864	2,912	3,050
22	Other snow activities (includes snowmobiling) ¹	5,175	5,110	5,108	5,125	5,092	5,067
23	Other conventional outdoor recreation activities	18,331	18,560	19,923	20,510	21,416	21,970
24	Other conventional air and land activities ²	15,308	15,595	16,786	17,153	18,104	18,678
25	Other conventional water activities ³	3,023	2,966	3,141	3,344	3,338	3,340
26	Multi-use apparel and accessories (conventional) ⁴	76,807	78,728	78,969	80,095	80,680	81,727
27	Other outdoor recreation	128,349	130,650	133,030	135,421	136,652	143,306
28	Amusement parks/water parks	13,206	12,460	12,234	12,685	13,045	14,153
29	Festivals/sporting events/concerts	20,560	20,852	21,587	21,728	22,373	23,189
30	Field sports	5,232	5,243	5,490	5,720	5,923	6,026
31	Game areas (includes golfing and tennis)	32,082	33,243	32,501	32,621	33,537	34,800
32	Guided tours/outfitted travel	25,481	25,938	26,992	26,062	24,167	26,280
33	Air and land guided tours/outfitted travel	13,811	14,382	15,349	15,663	15,277	15,885
34	Water guided tours/outfitted travel (includes boating and fishing charters)	11,670	11,556	11,646	10,410	8,910	10,406
35	Productive activities (includes gardening)	10,703	11,193	12,326	13,258	14,025	14,529
36	Other outdoor recreation activities ⁵	14,722	15,022	15,547	16,905	17,072	17,480
37	Multi-use apparel and accessories (other) ⁴	6,362	6,728	6,420	6,568	6,678	6,911
38	Supporting outdoor recreation	349,046	346,420	348,688	361,855	367,350	371,099
39	Construction	9,385	9,060	9,127	10,441	11,184	10,932
40	Local trips and travel ⁶	71,515	72,271	72,463	73,093	73,031	73,708
41	Trips and travel ⁷	234,570	231,223	232,960	242,296	245,136	248,304
42	Food and beverages	38,079	31,475	32,171	33,746	34,668	34,852
43	Lodging	49,531	50,373	48,973	51,489	52,619	52,420
44	Shopping and souvenirs	40,398	41,297	41,968	42,558	43,454	44,251
45	Transportation	106,561	108,119	109,935	114,569	114,187	116,815
46	Government expenditures	33,576	33,870	34,135	35,772	37,458	37,675
47	Federal government	3,947	4,176	3,853	3,834	3,985	3,944
48	State and local government	29,629	29,696	30,279	31,935	33,470	33,731

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, snow tubing.
2. Consists of air sports, driving for pleasure, geocaching/orienteering/rock hounding, ice skating, inline skating, land/sand sailing, races, running/walking/jogging, skateboarding, and wildlife watching/birding.
3. Consists of boardsailing/windsurfing, SCUBA diving, snorkeling, stand-up paddling, surfing, tubing, wakeboarding, water skiing, and whitewater rafting.
4. Consists of backpacks, bug spray, coolers, general outdoor clothing, GPS equipment, hydration equipment, lighting, sports racks, sunscreen, watches, and other miscellaneous gear and equipment.
5. Consists of agritourism, augmented reality games, beachgoing, disc golf, hot springs soaking, kite flying, model airplane/rocket/UAV, paintball, photography, stargazing/astronomy, swimming, therapeutic programs, water polo, yard sports.
6. Trip expenses less than 50 miles away from home, including food and beverages, lodging, shopping and souvenirs, and transportation.
7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

Table D. Outdoor Recreation Gross Output by Activity

[Millions of current dollars]

Line		2012	2013	2014	2015	2016	2017
1	Total outdoor recreation	691,782	709,072	725,728	730,955	741,630	778,487
2	Total core outdoor recreation	342,735	358,561	368,355	377,843	386,701	408,053
3	Conventional outdoor recreation	214,386	225,790	231,538	235,600	241,433	253,955
4	Bicycling	3,182	3,341	3,454	3,342	3,840	4,011
5	Boating/fishing	32,428	33,413	34,434	35,757	37,050	39,878
6	Canoeing	124	123	130	136	142	153
7	Kayaking	580	595	616	661	738	805
8	Fishing (excludes boating)	4,863	5,007	5,171	5,353	5,337	5,346
9	Sailing	1,824	1,906	2,027	2,148	2,282	2,372
10	Other boating	25,037	25,781	26,489	27,458	28,552	31,202
11	Climbing/hiking/tent camping	5,588	5,910	6,171	6,170	6,327	6,361
12	Equestrian	9,307	10,031	11,106	11,487	12,315	14,174
13	Hunting/shooting/trapping	11,371	13,342	12,918	13,942	13,807	15,060
14	Hunting/trapping	5,844	6,745	6,558	7,227	6,741	7,312
15	Shooting (includes archery)	5,527	6,597	6,360	6,715	7,066	7,747
16	Motorcycling/ATVing	17,154	17,680	17,996	18,134	18,082	19,553
17	Recreational flying	2,870	2,957	3,069	2,727	2,747	2,888
18	RVing	26,710	29,388	31,524	31,980	33,974	36,095
19	Snow activities	10,638	10,754	11,135	10,770	10,670	11,304
20	Skiing	2,929	2,996	3,260	3,438	3,439	3,593
21	Snowboarding	2,534	2,646	2,820	2,979	3,068	3,225
22	Other snow activities (includes snowmobiling) ¹	5,175	5,112	5,055	4,352	4,162	4,486
23	Other conventional outdoor recreation activities	18,331	18,856	19,026	18,206	18,620	19,669
24	Other conventional air and land activities ²	15,308	15,803	15,775	14,687	15,071	16,116
25	Other conventional water activities ³	3,023	3,054	3,251	3,519	3,550	3,552
26	Multi-use apparel and accessories (conventional) ⁴	76,807	80,117	80,705	83,085	84,001	84,963
27	Other outdoor recreation	128,349	132,772	136,817	142,243	145,268	154,099
28	Amusement parks/water parks	13,206	13,246	13,609	14,708	15,805	17,765
29	Festivals/sporting events/concerts	20,560	21,326	22,660	24,156	25,656	27,153
30	Field sports	5,232	5,352	5,665	5,983	6,256	6,416
31	Game areas (includes golfing and tennis)	32,082	33,316	32,945	33,674	34,917	36,011
32	Guided tours/outfitted travel	25,481	26,275	27,770	27,387	25,769	28,403
33	Air and land guided tours/outfitted travel	13,811	14,547	15,733	16,383	16,186	17,057
34	Water guided tours/outfitted travel (includes boating and fishing charters)	11,670	11,728	12,037	11,004	9,583	11,346
35	Productive activities (includes gardening)	10,703	11,288	11,749	12,322	12,792	13,484
36	Other outdoor recreation activities ⁵	14,722	15,195	15,931	17,405	17,411	17,891
37	Multi-use apparel and accessories (other) ⁴	6,362	6,775	6,489	6,608	6,663	6,977
38	Supporting outdoor recreation	349,046	350,511	357,372	353,112	354,929	370,433
39	Construction	9,385	9,429	9,936	11,696	12,956	13,197
40	Local trips and travel ⁶	71,515	72,417	72,354	64,665	62,214	66,300
41	Trips and travel ⁷	234,570	233,694	239,182	239,604	241,213	251,064
42	Food and beverages	38,079	32,197	33,699	36,283	38,145	39,281
43	Lodging	49,531	51,543	51,805	55,703	58,250	59,378
44	Shopping and souvenirs	40,398	41,746	43,215	43,161	43,558	44,975
45	Transportation	106,561	108,208	110,464	104,457	101,260	107,431
46	Government expenditures	33,576	34,971	35,900	37,147	38,546	39,873
47	Federal government	3,947	4,247	4,011	4,036	4,247	4,313
48	State and local government	29,629	30,724	31,889	33,111	34,299	35,560

1. Consists of dog mushing, sleighing, snowmobiling, snow shoeing, snow tubing.
2. Consists of air sports, driving for pleasure, geocaching/orienteering/rock hounding, ice skating, inline skating, land/sand sailing, races, running/walking/jogging, skateboarding, and wildlife watching/birding.
3. Consists of boardsailing/windsurfing, SCUBA diving, snorkeling, stand-up paddling, surfing, tubing, wakeboarding, water skiing, and whitewater rafting.
4. Consists of backpacks, bug spray, coolers, general outdoor clothing, GPS equipment, hydration equipment, lighting, sports racks, sunscreen, watches, and other miscellaneous gear and equipment.
5. Consists of agritourism, augmented reality games, beachgoing, disc golf, hot springs soaking, kite flying, model airplane/rocket/UAV, paintball, photography, stargazing/astronomy, swimming, therapeutic programs, water polo, yard sports.
6. Trip expenses less than 50 miles away from home, including food and beverages, lodging, shopping and souvenirs, and transportation.
7. Travel and tourism expenses in the Outdoor Recreation Satellite Account are consistent with the Travel and Tourism Satellite Account, which includes only expenses for travel at least 50 miles away from home.

Table E. Outdoor Recreation Compensation by Industry

[Millions of current dollars]

Line		2012	2013	2014	2015	2016	2017
1	All industries	177,963	179,837	186,169	195,635	203,145	213,441
2	Private industries	159,068	160,065	165,953	174,536	181,372	190,851
3	Agriculture, forestry, fishing, and hunting	2,010	1,956	2,086	2,214	2,244	2,358
4	Farms	1,582	1,470	1,627	1,651	1,816	1,896
5	Forestry, fishing, and related activities	428	486	459	563	428	462
6	Mining	81	72	61	51	48	69
7	Oil and gas extraction	9	9	10	12	11	8
8	Mining, except oil and gas	57	47	36	27	23	48
9	Support activities for mining	15	16	15	12	14	14
10	Utilities	0	1	0	1	1	1
11	Construction	3,421	3,317	3,498	3,602	4,018	4,465
12	Manufacturing	15,109	15,359	15,704	16,123	16,539	17,941
13	Durable goods	8,680	8,792	8,998	9,358	9,402	10,636
14	Wood products	1	1	1	1	1	1
15	Nonmetallic mineral products	18	18	18	18	19	18
16	Primary metals	2	2	2	2	2	2
17	Fabricated metal products	736	826	801	920	926	1,215
18	Machinery	834	839	805	771	559	797
19	Computer and electronic products	286	267	307	469	339	413
20	Electrical equipment, appliances, and components	357	323	329	322	291	299
21	Motor vehicles, bodies and trailers, and parts	1,644	1,700	1,696	1,691	1,839	2,651
22	Other transportation equipment	3,004	3,144	3,422	3,450	3,617	3,410
23	Furniture and related products	26	29	29	29	27	25
24	Miscellaneous manufacturing	1,773	1,644	1,588	1,685	1,782	1,806
25	Nondurable goods	6,429	6,567	6,706	6,765	7,137	7,306
26	Food and beverage and tobacco products	1,908	1,996	2,134	2,182	2,318	2,240
27	Textile mills and textile product mills	227	208	227	232	249	231
28	Apparel and leather and allied products	1,853	1,847	1,845	1,797	1,985	2,106
29	Paper products	125	118	127	120	119	86
30	Printing and related support activities	63	61	66	69	70	64
31	Petroleum and coal products	1,307	1,342	1,283	1,309	1,341	1,500
32	Chemical products	839	887	914	943	934	953
33	Plastics and rubber products	108	107	109	112	120	125
34	Wholesale trade	11,364	11,038	11,610	12,260	11,984	12,168
35	Retail trade	44,085	45,357	45,731	47,717	48,207	49,804
36	Motor vehicle and parts dealers	3,504	3,462	3,525	3,896	4,223	4,637
37	Food and beverage stores	3,636	3,712	3,800	4,007	4,056	4,148
38	General merchandise stores	9,955	10,428	9,979	10,199	10,158	10,250
39	Other retail	26,990	27,755	28,426	29,614	29,771	30,769
40	Transportation and warehousing	15,496	16,292	16,943	18,680	20,187	21,373
41	Air transportation	9,731	10,268	10,919	12,403	13,762	14,806
42	Rail transportation	308	293	302	336	335	350
43	Water transportation	1,275	1,467	1,480	1,559	1,600	1,700
44	Truck transportation	2,014	2,057	2,063	2,113	2,106	2,180
45	Transit and ground passenger transportation	1,175	1,132	1,068	1,107	1,153	1,167
46	Pipeline transportation	54	49	48	64	68	69
47	Other transportation and support activities	926	1,011	1,049	1,082	1,146	1,081
48	Warehousing and storage	14	14	14	15	16	20
49	Information	437	460	482	501	511	540
50	Publishing industries, except internet (includes software)	209	209	211	223	214	219
51	Motion picture and sound recording industries	15	18	20	22	23	27
52	Broadcasting and telecommunications	174	188	203	199	212	216
53	Data processing, internet publishing, and other information services	40	45	48	57	62	78
54	Finance, insurance, real estate, rental, and leasing	3,405	3,311	3,182	3,480	3,571	3,804
55	Finance and insurance	1,952	1,855	1,820	1,837	1,819	1,945
56	Federal Reserve banks, credit intermediation, and related activities	141	145	139	164	172	176
57	Securities, commodity contracts, and investments	0	0	0	0	0	0
58	Insurance carriers and related activities	1,811	1,710	1,681	1,673	1,648	1,769
59	Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60	Real estate and rental and leasing	1,453	1,456	1,363	1,643	1,751	1,859
61	Real estate	564	579	459	488	503	525
62	Housing	562	578	457	487	501	524
63	Other real estate	1	1	1	1	1	1
64	Rental and leasing services and lessors of intangible assets	890	876	904	1,155	1,249	1,334
65	Professional and business services	3,611	3,296	3,488	3,886	4,026	4,719
66	Professional, scientific, and technical services	635	557	618	707	776	853
67	Legal services	0	0	0	0	0	0
68	Computer systems design and related services	35	30	31	40	38	43
69	Miscellaneous professional, scientific, and technical services	600	526	587	667	739	810
70	Management of companies and enterprises	0	0	0	0	0	0
71	Administrative and waste management services	2,976	2,740	2,870	3,179	3,250	3,866
72	Administrative and support services	2,975	2,739	2,870	3,179	3,249	3,866
73	Waste management and remediation services	0	0	0	0	0	0
74	Educational services, health care, and social assistance	2,614	2,663	2,880	2,984	3,119	3,237
75	Educational services	2,342	2,393	2,599	2,686	2,808	2,914

Line		2012	2013	2014	2015	2016	2017
76	Health care and social assistance	271	270	282	297	312	324
77	Ambulatory health care services	164	170	179	188	199	208
78	Hospitals	83	76	79	83	86	89
79	Nursing and residential care facilities	13	11	12	12	12	12
80	Social assistance	11	13	13	14	14	14
81	Arts, entertainment, recreation, accommodation, and food services	55,125	54,539	57,754	60,333	64,062	67,329
82	Arts, entertainment, and recreation	27,743	28,812	30,819	31,688	34,120	36,203
83	Performing arts, spectator sports, museums, and related activities	7,148	7,555	8,327	8,531	9,350	9,987
84	Amusements, gambling, and recreation industries	20,595	21,257	22,492	23,156	24,770	26,216
85	Accommodation and food services	27,383	25,726	26,935	28,645	29,942	31,125
86	Accommodation	13,818	14,032	14,605	15,379	15,886	16,321
87	Food services and drinking places	13,565	11,694	12,329	13,266	14,056	14,805
88	Other services, except government	2,309	2,404	2,533	2,705	2,855	3,043
89	Government	18,896	19,772	20,216	21,099	21,773	22,590
90	Federal	1,992	2,148	2,049	2,038	2,147	2,188
91	General government	1,726	1,864	1,778	1,786	1,904	1,933
92	National defense	0	0	0	0	0	0
93	Nondefense	1,726	1,864	1,778	1,786	1,904	1,933
94	Government enterprises	266	283	270	252	243	255
95	State and local	16,904	17,624	18,167	19,061	19,626	20,402
96	General government	15,053	15,448	16,228	16,976	17,549	18,403
97	Government enterprises	1,851	2,177	1,939	2,086	2,077	1,998

Table F. Outdoor Recreation Employment by Industry

[Thousands of full and part time employees]

Line		2012	2013	2014	2015	2016	2017
1	All industries	4,841	4,794	4,879	4,983	5,081	5,171
2	Private industries	4,557	4,509	4,594	4,694	4,787	4,873
3	Agriculture, forestry, fishing, and hunting	50	47	50	52	53	55
4	Farms	45	41	44	45	47	48
5	Forestry, fishing, and related activities	5	6	6	7	6	7
6	Mining	1	1	1	0	0	1
7	Oil and gas extraction	0	0	0	0	0	0
8	Mining, except oil and gas	1	0	0	0	0	0
9	Support activities for mining	0	0	0	0	0	0
10	Utilities	0	0	0	0	0	0
11	Construction	88	90	93	101	102	103
12	Manufacturing	227	231	230	235	244	256
13	Durable goods	128	134	133	137	144	159
14	Wood products	0	0	0	0	0	0
15	Nonmetallic mineral products	0	0	0	0	0	0
16	Primary metals	0	0	0	0	0	0
17	Fabricated metal products	9	10	10	11	11	11
18	Machinery	9	9	8	8	6	7
19	Computer and electronic products	3	3	4	5	4	4
20	Electrical equipment, appliances, and components	5	4	4	4	4	4
21	Motor vehicles, bodies and trailers, and parts	34	38	38	40	47	58
22	Other transportation equipment	39	41	42	43	46	50
23	Furniture and related products	1	1	1	1	1	0
24	Miscellaneous manufacturing	28	27	26	26	26	25
25	Nondurable goods	99	97	97	97	99	97
26	Food and beverage and tobacco products	35	35	36	37	39	39
27	Textile mills and textile product mills	5	5	5	5	5	5
28	Apparel and leather and allied products	39	37	36	36	36	33
29	Paper products	2	2	2	1	1	1
30	Printing and related support activities	1	1	1	1	1	1
31	Petroleum and coal products	7	7	6	7	6	6
32	Chemical products	9	9	9	9	9	9
33	Plastics and rubber products	2	2	2	2	2	2
34	Wholesale trade	150	147	148	150	148	148
35	Retail trade	1,601	1,610	1,612	1,632	1,629	1,627
36	Motor vehicle and parts dealers	89	91	94	99	102	105
37	Food and beverage stores	126	128	131	134	135	135
38	General merchandise stores	396	381	378	380	376	357
39	Other retail	990	1,010	1,010	1,019	1,016	1,031
40	Transportation and warehousing	216	214	217	226	231	238
41	Air transportation	111	108	111	119	123	130
42	Rail transportation	3	3	3	3	3	3
43	Water transportation	13	14	14	15	15	15
44	Truck transportation	34	34	33	33	33	32
45	Transit and ground passenger transportation	29	28	27	27	27	27
46	Pipeline transportation	1	1	1	1	1	1
47	Other transportation and support activities	25	26	27	28	29	29
48	Warehousing and storage	0	0	0	0	0	0
49	Information	6	6	6	6	6	6
50	Publishing industries, except internet (includes software)	4	4	4	4	3	3
51	Motion picture and sound recording industries	1	1	1	1	1	1
52	Broadcasting and telecommunications	2	2	2	2	2	2
53	Data processing, internet publishing, and other information services	0	0	0	0	0	0
54	Finance, insurance, real estate, rental, and leasing	53	53	49	50	51	52
55	Finance and insurance	18	17	16	16	15	16
56	Federal Reserve banks, credit intermediation, and related activities	2	2	2	2	2	2
57	Securities, commodity contracts, and investments	0	0	0	0	0	0
58	Insurance carriers and related activities	16	15	14	14	13	14
59	Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60	Real estate and rental and leasing	35	36	33	34	35	36
61	Real estate	14	14	10	10	10	10
62	Housing	14	14	10	10	10	10
63	Other real estate	0	0	0	0	0	0
64	Rental and leasing services and lessors of intangible assets	21	22	23	24	25	26
65	Professional and business services	67	68	69	72	77	77
66	Professional, scientific, and technical services	16	17	18	19	20	21
67	Legal services	0	0	0	0	0	0
68	Computer systems design and related services	0	0	0	0	0	0
69	Miscellaneous professional, scientific, and technical services	16	17	18	19	20	21
70	Management of companies and enterprises	0	0	0	0	0	0
71	Administrative and waste management services	51	51	51	53	57	56
72	Administrative and support services	51	51	51	53	57	56
73	Waste management and remediation services	0	0	0	0	0	0
74	Educational services, health care, and social assistance	96	102	108	112	118	123
75	Educational services	91	98	103	108	113	118

Line		2012	2013	2014	2015	2016	2017
76	Health care and social assistance	4	4	4	5	5	5
77	Ambulatory health care services	2	3	3	3	3	3
78	Hospitals	1	1	1	1	1	1
79	Nursing and residential care facilities	0	0	0	0	0	0
80	Social assistance	0	0	0	0	0	0
81	Arts, entertainment, recreation, accommodation, and food services	1,941	1,880	1,948	1,994	2,065	2,123
82	Arts, entertainment, and recreation	870	892	938	953	999	1,036
83	Performing arts, spectator sports, museums, and related activities	73	75	79	80	81	84
84	Amusements, gambling, and recreation industries	796	816	859	873	918	952
85	Accommodation and food services	1,071	988	1,010	1,041	1,066	1,088
86	Accommodation	425	434	441	453	461	470
87	Food services and drinking places	646	554	568	589	604	618
88	Other services, except government	61	61	64	64	64	64
89	Government	284	285	285	289	294	297
90	Federal	24	26	23	23	23	23
91	General government	24	26	23	23	23	23
92	National defense	0	0	0	0	0	0
93	Nondefense	24	26	23	23	23	23
94	Government enterprises	0	0	0	0	0	0
95	State and local	260	259	262	266	271	275
96	General government	236	233	239	242	247	253
97	Government enterprises	23	26	23	24	24	22