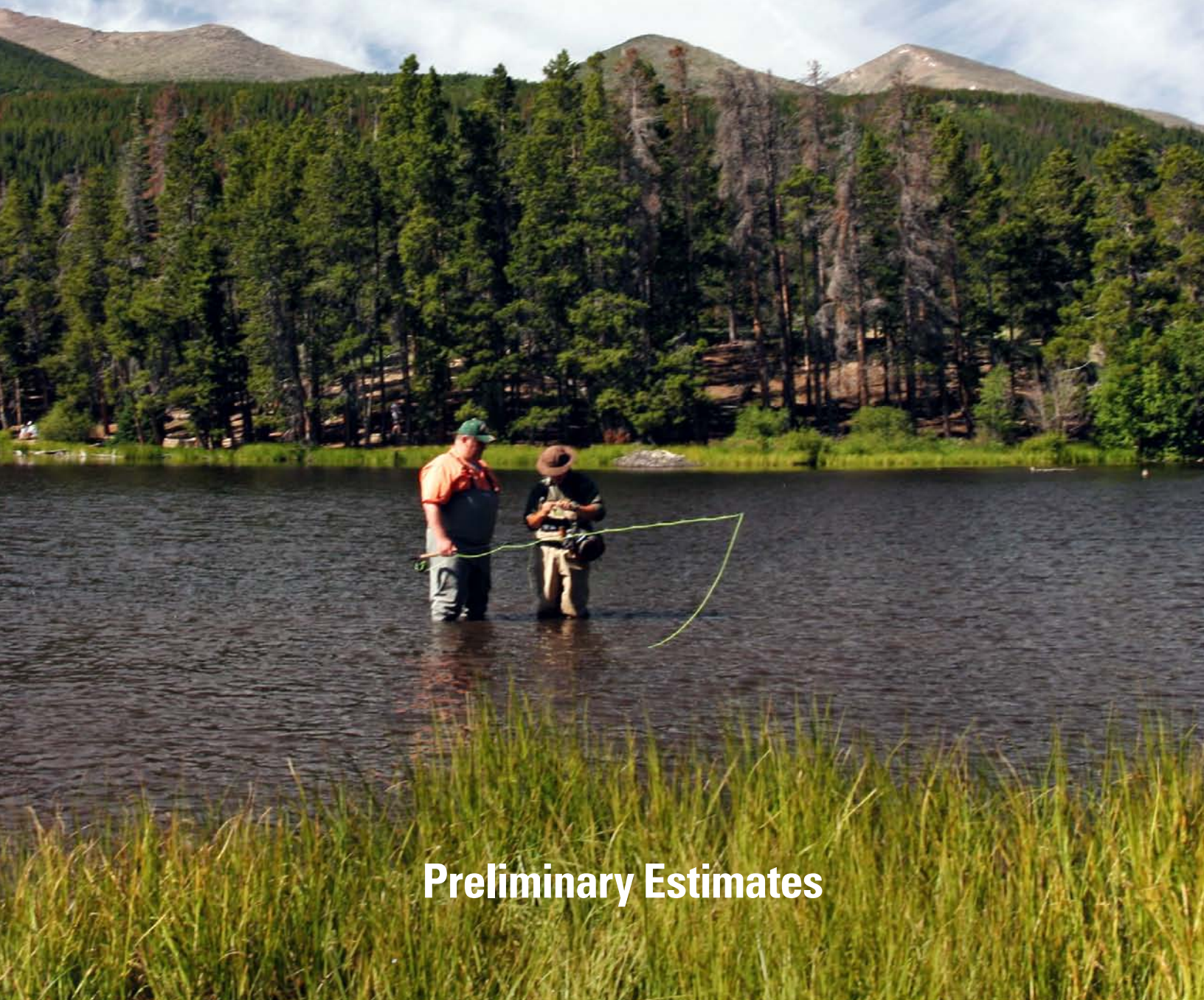


# 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation

## *State Overview*

Issued September 2012



**Preliminary Estimates**



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# Preface

This is the second report providing preliminary information from the 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. The first report was issued in August 2012 and presented data for the nation as a whole. This report provides information on state and multi-state regions. The final national report will be available in November and the state reports will be issued beginning in December 2012.

The Survey presents information on U.S. residents' participation in and expenditures for hunting, fishing, and wildlife watching. Wildlife watching is closely observing, photographing, and feeding wildlife. Natural resource agencies, conservation organizations, academic researchers, and wildlife-related recreation industries use this information to estimate demand, evaluate impacts of expenditures on national and state economies, and identify trends in wildlife-related recreation.

The release of preliminary survey results is an effort to make the information available as soon as possible. Please note that the information is subject to revision and in the final reports there will likely be changes in some estimates.



USFWS

# Foreword

The 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation is the twelfth in a series of surveys conducted since 1955. It was coordinated by the U.S. Fish and Wildlife Service. The Survey was requested by the Association of Fish and Wildlife Agencies and was developed with assistance from state agencies, national conservation organizations, and wildlife-related recreation industries.

The data were collected by the U.S. Bureau of Census. The Census Bureau began by interviewing 48,627 households in April of 2011. 16,371 active and potential anglers and hunters and 13,861 active and potential wildlife watchers were selected from the initial households to be interviewed in detail about their participation and expenditures in wildlife-related recreation. The Census Bureau conducted detailed interviews three times, beginning in April and September of 2011 and January of 2012. Interviews were completed in May 2012.

This report includes trend information from the 2006 Survey. This information covers the change in the numbers of hunters, anglers, around-the-home wildlife watchers, and away-from-home wildlife watchers in each region.

Each Survey provides estimates of the number of wildlife-related recreationists and their expenditures for a given year, in this case 2011. The Survey was not designed to quantify the total number of active and potential recreationists, given that many individuals consider themselves anglers, hunters, or wildlife watchers even though they did not participate in 2011.



USFWS

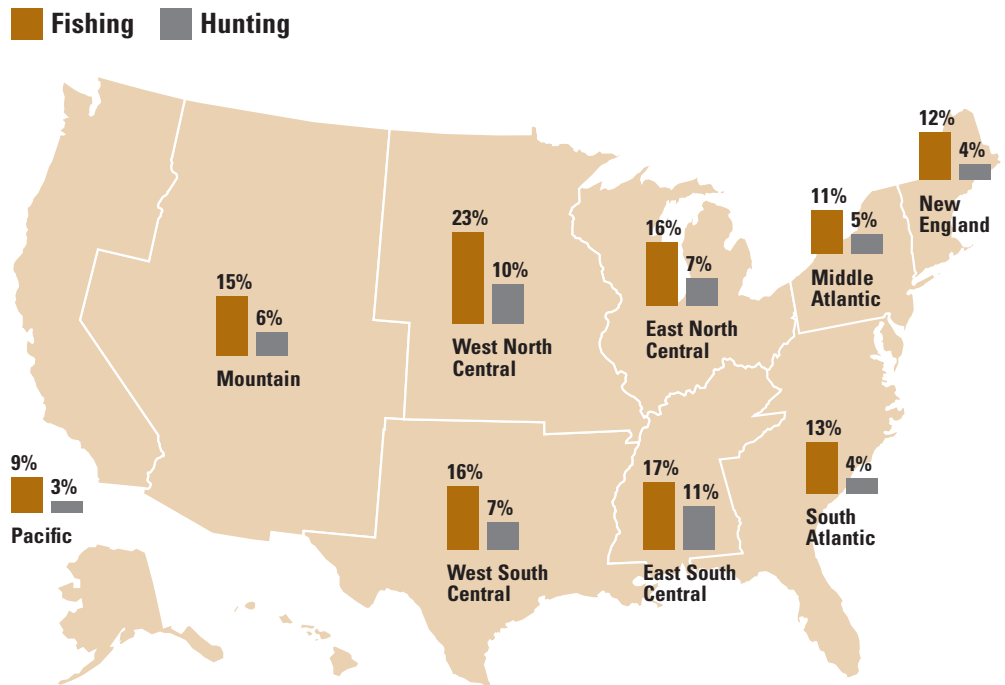
# Overview

In 2011 over ninety million U.S. residents – 38% of the population 16 years old and older – enjoyed recreational activity related to fish and wildlife. Over 37 million people spent time fishing and/or hunting and nearly 72 million people engaged in wildlife-watching activities such as closely observing, photographing, and/or feeding wildlife. Expenditures related to wildlife-related recreation totaled \$145 billion nationally, 1% of the nation's gross domestic product. Sportspeople spent \$90 billion and wildlife watchers spent \$55 billion in 2011.

## Regions

This report presents data regionally, using the Bureau of Census' nine regional geographic divisions. The regional data aggregates the activity estimates of state residents 16 years old and older. Information reported later in this report at the state level pertains to participation in-state by residents and nonresidents 16 years old and older. The sum of all in-state participants in a region does not equal the total number of regional participants because individuals may have participated in an activity in more than one State.

## Participation Rates for Fishing and Hunting, by Geographic Region: 2011



## Fishing

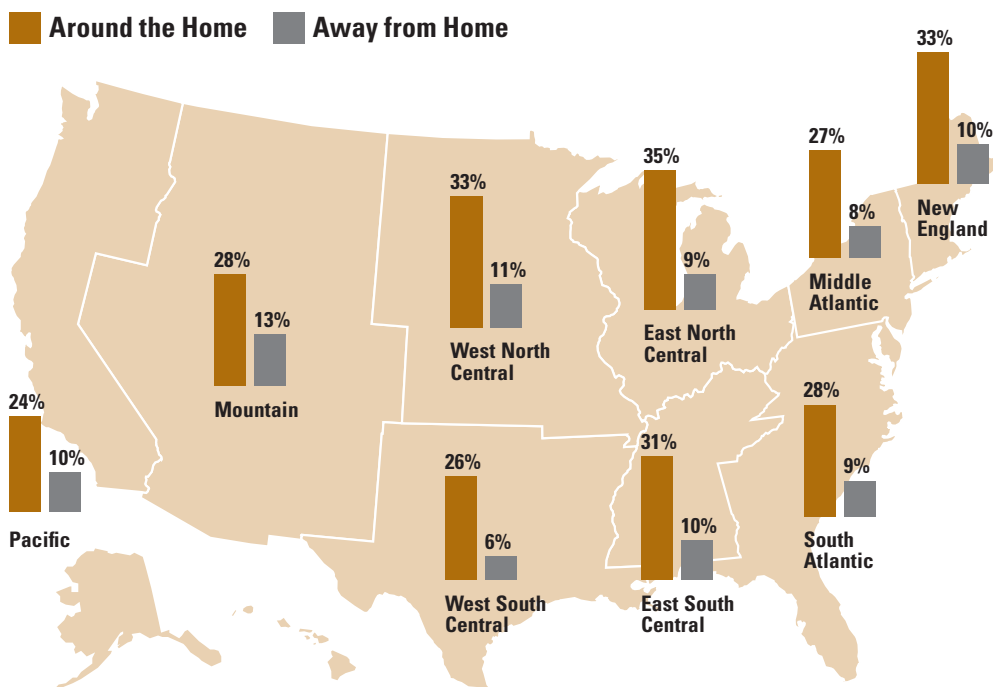
Fishing continues to be a popular activity for the American people. 14% of the national population 16 years old and older fished in 2011. Regional participation rates ranged from 9% of the population in the Pacific Region to 23% in the West North Central Region. The East North Central, West North Central, East South Central, West South Central, and Mountain Regions were above the national average of 14%.

## Hunting

Hunting was a favorite pastime for millions of Americans in 2011. Nationwide, 6% of the population 16 years old and older hunted in 2011. Regional participation rates ranged from 3% in the Pacific Region to 11% in the East South Central Region. Regions with participation rates above the national average of 6% were East North Central, West North Central, East South Central, and West South Central.



## Participation Rates for Wildlife-Watching Participants, by Geographic Region: 2011



### Wildlife Watching

2011 participation rates for wildlife watching indicate its popularity across the country. 29% of U.S. residents 16 years old and older participated in around-the-home activities. Around-the-home wildlife watching is closely observing, photographing, feeding, visiting public areas, and maintaining plantings and natural areas, all within a mile of home. Participation rates for these activities ranged from 24% in the Pacific Region to 35% in the East North Central Region. Residents of the New England, East North Central, West North Central, and East South Central regions participated at rates above the national average in 2011.

Nationwide, 9% of the U.S. population 16 years old and older took trips in 2011 for the primary purpose of closely observing, photographing, and/or feeding wildlife. Participation rates in these away-from-home activities ranged from 6% in the West South Central Region to 13% in the Mountain Region. Regions with participation rates above the national average were New England, West North Central, East North Central, Mountain, and Pacific.

### Participation

Resident anglers by state ranged from 77,000 in North Dakota to 2.4 million in Texas. The proportion of state residents who fished varied from California's 6% to Alaska's 41%. The State with the most anglers, both resident and nonresident, was Florida (3.1 million).

Resident hunters by state ranged from 23,000 in both Delaware and Hawaii to 1.1 million in Texas. The participation rate of hunters ranged from 1% in Massachusetts to 21% in South Dakota. The State with the most resident and nonresident hunters was Texas (1.1 million).

Resident wildlife watchers by state ranged from 152,000 in North Dakota to 6.5 million in California. The participation rate of wildlife watchers ranged from 16% in Hawaii to 53% in Vermont. The State that hosted the most resident and nonresident wildlife watchers was California, with 6.7 million participants.

**Preliminary Table 1. Participants in Wildlife-Associated Recreation by State Residents Both Inside and Outside Their Resident State: 2011**

(Population 16 years old and older. Numbers in thousands.)

Participant's state of residence	Population	Total participants		Sportspersons		Wildlife-watching participants	
		Number	Percent of population	Number	Percent of population	Number	Percent of population
<b>United States, total</b>	<b>239,313</b>	<b>90,108</b>	<b>38</b>	<b>37,397</b>	<b>16</b>	<b>71,776</b>	<b>30</b>
Alabama	3,664	1,490	41	744	20	1,079	29
Alaska	526	337	64	235	45	247	47
Arizona	5,084	1,660	33	721	14	1,281	25
Arkansas	2,238	1,119	50	572	26	828	37
California	28,562	7,360	26	1,898	7	6,475	23
Colorado	3,946	1,854	47	727	18	1,456	37
Connecticut	2,781	1,204	43	347	12	1,093	39
Delaware	699	260	37	101	14	209	30
Florida	14,855	4,652	31	2,068	14	3,598	24
Georgia	7,459	2,752	37	981	13	2,206	30
Hawaii	995	222	22	108	11	161	16
Idaho	1,172	638	54	331	28	464	40
Illinois	9,988	3,493	35	1,487	15	2,784	28
Indiana	4,965	2,131	43	842	17	1,681	34
Iowa	2,363	1,097	46	586	25	780	33
Kansas	2,163	1,011	47	453	21	776	36
Kentucky	3,376	1,470	44	643	19	1,221	36
Louisiana	3,449	1,380	40	802	23	840	24
Maine	1,066	520	49	233	22	401	38
Maryland	4,480	1,396	31	426	9	1,224	27
Massachusetts	5,320	1,779	33	464	9	1,530	29
Michigan	7,787	3,709	48	1,636	21	3,067	39
Minnesota	4,133	2,107	51	1,400	34	1,498	36
Mississippi	2,220	1,017	46	700	32	630	28
Missouri	4,667	2,105	45	1,001	21	1,645	35
Montana	777	334	43	223	29	258	33
Nebraska	1,387	499	36	258	19	362	26
Nevada	2,024	594	29	171	8	504	25
New Hampshire	1,066	470	44	168	16	388	36
New Jersey	6,852	2,057	30	709	10	1,708	25
New Mexico	1,551	592	38	252	16	486	31
New York	15,503	5,143	33	1,980	13	4,081	26
North Carolina	7,264	2,717	37	1,394	19	2,124	29
North Dakota	515	210	41	93	18	152	30
Ohio	8,999	4,078	45	1,603	18	3,155	35
Oklahoma	2,828	1,549	55	770	27	1,233	44
Oregon	3,061	1,396	46	444	15	1,239	40
Pennsylvania	10,036	4,063	40	1,277	13	3,329	33
Rhode Island	848	309	36	94	11	270	32
South Carolina	3,555	1,299	37	615	17	944	27
South Dakota	631	371	59	190	30	267	42
Tennessee	4,945	2,121	43	923	19	1,733	35
Texas	18,681	5,888	32	2,711	15	4,263	23
Utah	2,036	784	39	406	20	558	27
Vermont	512	316	62	134	26	273	53
Virginia	6,136	2,580	42	842	14	2,212	36
Washington	5,293	2,311	44	968	18	1,932	37
West Virginia	1,464	868	59	322	22	751	51
Wisconsin	4,460	2,499	56	1,198	27	2,152	48
Wyoming	424	250	59	145	34	182	43

Note: Detail does not add to total because of multiple responses. U.S totals include responses from participants residing in the District of Columbia.



**Preliminary Table 2. Participation in Wildlife-Associated Recreation in Each State by Both Residents and Nonresidents of the State: 2011**

(Population 16 years old and older. Numbers in thousands.)

State where activity took place	Total participants		Sportspersons		Wildlife-watching participants	
	Number	Percent	Number	Percent	Number	Percent
<b>United States, total</b>	<b>90,108</b>	<b>100</b>	<b>37,397</b>	<b>42</b>	<b>71,776</b>	<b>80</b>
Alabama	1,732	100	948	55	1,114	64
Alaska	1,014	100	563	55	640	63
Arizona	2,136	100	786	37	1,566	73
Arkansas	1,323	100	696	53	852	64
California	7,849	100	1,820	23	6,733	86
Colorado	2,315	100	919	40	1,782	77
Connecticut	1,361	100	350	26	1,178	87
Delaware	344	100	177	52	243	71
Florida	6,354	100	3,152	50	4,308	68
Georgia	3,058	100	1,059	35	2,393	78
Hawaii	465	100	158	34	358	77
Idaho	838	100	534	64	558	67
Illinois	3,799	100	1,309	34	3,019	79
Indiana	2,308	100	867	38	1,719	74
Iowa	1,255	100	598	48	837	67
Kansas	1,156	100	527	46	792	69
Kentucky	1,710	100	713	42	1,319	77
Louisiana	1,709	100	904	53	1,010	59
Maine	1,117	100	413	37	838	75
Maryland	1,613	100	445	28	1,362	84
Massachusetts	2,199	100	538	24	1,828	83
Michigan	4,397	100	1,938	44	3,199	73
Minnesota	2,518	100	1,649	65	1,577	63
Mississippi	1,350	100	782	58	781	58
Missouri	2,494	100	1,277	51	1,716	69
Montana	570	100	335	59	402	71
Nebraska	558	100	289	52	384	69
Nevada	734	100	163	22	643	88
New Hampshire	786	100	247	31	630	80
New Jersey	2,438	100	794	33	1,875	77
New Mexico	783	100	304	39	566	72
New York	5,536	100	2,109	38	4,239	77
North Carolina	3,497	100	1,631	47	2,432	70
North Dakota	*224	*100	116	52	147	66
Ohio	4,344	100	1,561	36	3,197	74
Oklahoma	1,727	100	779	45	1,263	73
Oregon	1,786	100	703	39	1,440	81
Pennsylvania	4,564	100	1,424	31	3,598	79
Rhode Island	402	100	179	45	308	77
South Carolina	1,729	100	847	49	1,103	64
South Dakota	662	100	430	65	384	58
Tennessee	2,584	100	994	38	1,955	76
Texas	6,305	100	2,713	43	4,376	69
Utah	1,015	100	493	49	717	71
Vermont	512	100	254	50	370	72
Virginia	3,269	100	1,068	33	2,509	77
Washington	2,756	100	1,005	36	2,168	79
West Virginia	1,176	100	447	38	850	72
Wisconsin	3,500	100	1,554	44	2,359	67
Wyoming	775	100	390	50	518	67

Note: Detail does not add to total because of multiple responses. U.S. totals include responses from participants residing in the District of Columbia.

**Preliminary Table 3. Expenditures for Wildlife-Related Recreation by State Where Spending Took Place: 2011**  
(Population 16 years old and older. Expenditures in thousands of dollars.)

State where spending took place	Total, wildlife-associated expenditures				Fishing and hunting expenditures				Wildlife-watching expenditures			
	Total	Trip-related	Equipment	Other	Total	Trip-related	Equipment	Other	Total	Trip-related	Equipment	Other
<b>United States, total</b>	<b>137,591,939</b>	<b>49,485,328</b>	<b>66,987,661</b>	<b>21,118,949</b>	<b>86,902,000</b>	<b>32,210,653</b>	<b>42,186,540</b>	<b>12,504,807</b>	<b>50,689,938</b>	<b>17,274,675</b>	<b>24,801,121</b>	<b>8,614,142</b>
Alabama	2,688,990	763,220	1,717,222	208,548	1,936,874	722,029	1,048,946	165,898	752,116	*41,191	668,276	*42,649
Alaska	3,396,781	2,666,145	687,369	43,267	1,284,938	695,800	554,471	34,667	2,111,843	1,970,345	132,898	*8,600
Arizona	2,413,945	897,293	1,184,171	332,481	1,468,181	506,095	838,206	123,881	945,763	391,198	345,965	208,600
Arkansas	1,806,211	691,310	837,803	277,098	1,590,026	656,790	681,117	252,119	216,185	*34,520	156,686	...
California	7,650,684	3,903,886	3,060,413	686,385	3,869,139	2,122,206	1,571,464	175,469	3,781,545	1,781,680	1,488,949	510,916
Colorado	2,984,156	1,239,959	1,557,286	186,911	1,551,577	624,323	834,931	92,323	1,432,579	615,636	722,355	94,588
Connecticut	1,712,873	514,304	843,804	354,765	777,690	286,924	355,942	134,823	935,183	227,380	487,861	219,942
Delaware	351,629	95,477	148,260	107,891	161,320	54,385	45,861	61,074	190,309	41,092	102,400	46,817
Florida	9,116,666	4,815,253	2,798,080	1,503,333	6,073,618	3,082,600	2,007,969	983,049	3,043,048	1,732,652	790,112	520,284
Georgia	4,567,011	1,727,674	2,564,689	274,648	2,764,587	888,638	1,675,189	200,761	1,802,423	839,036	889,500	*73,887
Hawaii	993,307	752,407	212,470	28,430	324,560	124,708	197,664	2,189	668,747	627,700	14,805	26,242
Idaho	1,601,610	628,991	799,994	172,625	1,157,475	546,512	495,718	115,245	444,136	82,479	304,276	*57,380
Illinois	3,959,568	812,263	2,001,986	1,145,318	2,532,093	646,140	1,095,147	790,806	1,427,474	166,123	906,839	354,513
Indiana	1,773,669	698,567	854,654	220,449	1,021,493	492,210	376,251	153,033	752,176	*206,357	478,403	67,416
Iowa	1,543,760	286,130	984,014	273,615	831,003	222,073	448,174	160,756	712,757	64,058	535,840	112,859
Kansas	906,743	293,551	236,990	376,202	698,277	247,952	180,012	270,312	208,467	*45,599	56,977	105,891
Kentucky	2,946,511	626,124	1,546,832	773,555	2,173,222	500,766	1,379,757	292,699	773,289	125,358	167,075	480,856
Louisiana	2,241,877	1,000,985	1,016,911	223,981	1,698,063	778,840	738,765	180,458	543,814	*222,145	278,146	*43,523
Maine	1,442,445	830,869	439,535	172,042	643,513	316,723	267,343	59,446	798,933	514,145	172,192	112,596
Maryland	1,309,408	350,179	811,092	148,137	825,987	245,757	477,329	102,900	483,421	104,421	333,762	45,237
Massachusetts	1,990,225	556,738	728,761	704,725	701,302	270,646	392,288	38,369	1,288,923	286,092	336,474	666,357
Michigan	6,107,955	1,780,639	3,210,134	1,117,183	4,879,605	1,364,077	2,539,896	975,632	1,228,350	416,562	670,238	141,550
Minnesota	3,891,882	1,387,813	2,137,712	366,357	3,266,125	1,159,597	1,964,278	142,251	625,757	228,217	173,434	224,106
Mississippi	2,630,279	650,396	1,711,807	268,076	2,287,433	559,903	1,473,072	254,458	342,846	*90,493	238,735	*13,617
Missouri	2,760,293	893,867	1,468,992	397,434	1,771,973	682,933	814,888	274,152	988,320	210,934	654,104	123,282
Montana	1,409,902	666,395	570,159	173,348	1,009,105	374,484	465,949	168,671	400,797	291,910	104,210	*4,677
Nebraska	1,309,857	233,081	867,583	209,193	796,561	146,362	457,784	192,415	513,297	86,719	409,799	16,778
Nevada	1,192,041	284,367	520,984	386,691	509,584	170,000	244,694	94,890	682,457	114,366	276,290	291,801
New Hampshire	556,093	287,092	191,228	77,772	274,715	185,279	79,909	9,527	281,378	101,813	111,320	68,245
New Jersey	2,294,730	749,520	864,853	680,358	1,308,452	521,397	457,299	329,756	986,278	228,123	407,554	350,601
New Mexico	945,953	446,916	419,270	79,767	617,658	299,979	281,495	36,185	328,295	146,937	137,775	43,583
New York	9,161,256	2,527,906	5,103,431	1,529,919	5,009,467	1,868,034	2,679,644	461,788	4,151,789	659,871	2,423,787	1,068,131
North Carolina	3,294,924	1,612,019	1,420,977	261,928	2,365,264	1,244,710	971,717	148,837	929,661	367,309	449,260	113,092
North Dakota	355,003	118,186	219,694	17,123	224,821	108,131	101,525	15,165	130,182	*10,055	118,169	*1,958
Ohio	3,592,006	1,002,362	1,493,057	1,096,587	2,846,852	915,296	1,029,683	901,874	745,153	87,066	463,374	194,714
Oklahoma	2,019,336	392,794	910,515	716,028	1,544,675	284,875	629,288	630,512	474,662	*107,919	281,227	*85,516
Oregon	2,657,515	924,413	1,465,445	267,657	960,100	442,172	446,285	71,643	1,697,415	482,241	1,019,160	196,014
Pennsylvania	2,785,264	667,890	1,580,827	536,547	1,560,029	401,221	837,893	320,915	1,225,236	266,669	742,934	215,632
Rhode Island	360,955	167,465	157,257	36,233	160,475	88,545	65,120	6,810	200,480	78,920	92,137	29,423
South Carolina	2,022,291	850,232	1,049,373	122,686	1,554,612	589,394	858,085	107,133	467,679	260,838	191,288	*15,553
South Dakota	1,232,330	605,390	474,066	152,874	1,065,335	471,308	443,613	150,414	166,995	134,082	30,452	*2,461
Tennessee	2,901,952	991,489	1,734,062	176,401	1,927,852	493,049	1,311,792	123,011	974,100	498,440	422,270	53,390
Texas	6,225,359	2,360,889	2,867,946	996,524	4,401,492	1,882,809	1,947,975	570,707	1,823,868	478,080	919,971	425,817
Utah	1,872,079	708,740	1,000,455	162,884	1,170,476	413,017	646,245	111,214	701,603	295,723	354,210	*51,671
Vermont	1,084,403	179,223	701,413	203,767	795,896	129,717	587,997	78,182	288,507	49,506	113,416	125,585
Virginia	3,566,468	1,066,100	1,742,514	757,855	2,607,861	766,337	1,249,193	592,331	958,607	299,762	493,321	165,524
Washington	4,933,574	1,209,116	3,340,315	384,143	1,755,936	702,458	953,961	99,516	3,177,638	506,658	2,386,353	284,627
West Virginia	1,231,433	495,132	648,743	87,558	905,654	394,806	465,047	45,801	325,778	100,326	183,696	*41,756
Wisconsin	5,527,783	1,200,307	3,086,457	1,241,019	4,038,926	965,547	2,005,825	1,067,554	1,488,857	234,760	1,080,632	173,464
Wyoming	1,147,290	874,268	182,312	90,710	797,034	553,099	160,146	83,790	350,256	321,169	22,166	*6,920

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.  
Note: U.S. totals include responses from participants residing in the District of Columbia.

**Preliminary Table 4. Anglers and Hunters by Sportsperson's State of Residence: 2011**

(Population 16 years old and older. Numbers in thousands.)

Sportsperson's state of residence	Population	Fished or hunted		Fished only		Hunted only		Fished and hunted	
		Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
<b>United States, total</b>	<b>239,313</b>	<b>37,397</b>	<b>16</b>	<b>23,714</b>	<b>10</b>	<b>4,285</b>	<b>2</b>	<b>9,389</b>	<b>4</b>
Alabama	3,664	744	20	252	7	*228	*6	264	7
Alaska	526	235	45	129	25	*24	*5	82	16
Arizona	5,084	721	14	462	9	*135	*3	*124	*2
Arkansas	2,238	572	26	252	11	*105	*5	214	10
California	28,562	1,898	7	1,431	5	198	1	269	1
Colorado	3,946	727	18	567	14	*60	*2	99	3
Connecticut	2,781	347	12	265	10	...	...	76	3
Delaware	699	101	14	78	11	*9	*1	*14	*2
Florida	14,855	2,068	14	1,731	12	*78	*1	252	2
Georgia	7,459	981	13	672	9	*138	*2	171	2
Hawaii	995	108	11	85	9	...	...	*21	*2
Idaho	1,172	331	28	169	14	...	...	*119	*10
Illinois	9,988	1,487	15	976	10	*252	*3	260	3
Indiana	4,965	842	17	465	9	*56	*1	322	6
Iowa	2,363	586	25	369	16	*64	*3	152	6
Kansas	2,163	453	21	275	13	*18	*1	159	7
Kentucky	3,376	643	19	327	10	*151	*4	165	5
Louisiana	3,449	802	23	511	15	*69	*2	222	6
Maine	1,066	233	22	92	9	*37	*3	104	10
Maryland	4,480	426	9	337	8	...	...	*72	*2
Massachusetts	5,320	464	9	398	7	...	...	59	1
Michigan	7,787	1,636	21	1,128	14	*170	*2	337	4
Minnesota	4,133	1,400	34	925	22	*71	*2	403	10
Mississippi	2,220	700	32	263	12	*96	*4	340	15
Missouri	4,667	1,001	21	507	11	132	3	363	8
Montana	777	223	29	114	15	*30	*4	78	10
Nebraska	1,387	258	19	143	10	*61	*4	54	4
Nevada	2,024	171	8	122	6	*15	*1	*34	*2
New Hampshire	1,066	168	16	125	12	...	...	*39	*4
New Jersey	6,852	709	10	593	9	*30	*(Z)	86	1
New Mexico	1,551	252	16	185	12	*21	*1	*47	*3
New York	15,503	1,980	13	1,241	8	*172	*1	567	4
North Carolina	7,264	1,394	19	1,077	15	*88	*1	230	3
North Dakota	515	93	18	43	8	*17	*3	34	7
Ohio	8,999	1,603	18	1,075	12	*168	*2	360	4
Oklahoma	2,828	770	27	551	19	...	...	*193	*7
Oregon	3,061	444	15	263	9	*58	*2	*123	*4
Pennsylvania	10,036	1,277	13	574	6	269	3	434	4
Rhode Island	848	94	11	77	9	...	...	16	2
South Carolina	3,555	615	17	377	11	*42	*1	196	6
South Dakota	631	190	30	*58	*9	*27	*4	106	17
Tennessee	4,945	923	19	637	13	*91	*2	196	4
Texas	18,681	2,711	15	1,631	9	*356	*2	724	4
Utah	2,036	406	20	245	12	*55	*3	106	5
Vermont	512	134	26	64	12	30	6	41	8
Virginia	6,136	842	14	488	8	135	2	219	4
Washington	5,293	968	18	749	14	*54	*1	165	3
West Virginia	1,464	322	22	111	8	*83	*6	128	9
Wisconsin	4,460	1,198	27	434	10	*260	*6	504	11
Wyoming	424	145	34	69	16	*30	*7	46	11

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably. (Z) Less than 0.5 percent.

Note: U.S. totals include responses from participants residing in the District of Columbia.



**Preliminary Table 5. Anglers and Hunters by State Where Fishing or Hunting Took Place: 2011**

(Population 16 years old and older. Numbers in thousands.)

State where fishing or hunting took place	Anglers						Hunters					
	Total anglers, residents and nonresidents		State residents		Nonresidents		Total hunters, residents and nonresidents		State residents		Nonresidents	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>United States, total</b>	<b>33,112</b>	<b>100</b>	<b>30,037</b>	<b>91</b>	<b>6,964</b>	<b>21</b>	<b>13,674</b>	<b>100</b>	<b>12,890</b>	<b>94</b>	<b>1,942</b>	<b>14</b>
Alabama	683	100	473	69	210	31	535	100	492	92	*44	*8
Alaska	538	100	211	39	327	61	125	100	104	83	...	...
Arizona	637	100	533	84	*104	*16	269	100	225	83	*45	*17
Arkansas	555	100	458	83	*97	*17	363	100	316	87	...	...
California	1,674	100	1,576	94	98	6	394	100	377	96	...	...
Colorado	767	100	593	77	175	23	259	100	144	55	*115	*45
Connecticut	342	100	277	81	*65	*19	50	100	46	93	...	...
Delaware	166	100	59	36	*107	*64	23	100	19	84	...	...
Florida	3,092	100	1,895	61	1,197	39	242	100	215	89	...	...
Georgia	829	100	764	92	*65	*8	392	100	293	75	*98	*25
Hawaii	157	100	104	66	...	...	*23	*100	*23	*100	...	...
Idaho	447	100	238	53	208	47	246	100	*162	*66	*85	*34
Illinois	1,044	100	955	92	*88	*8	512	100	459	90	...	...
Indiana	801	100	720	90	*81	*10	392	100	377	96	...	...
Iowa	473	100	416	88	*58	*12	253	100	200	79	...	...
Kansas	400	100	372	93	*28	*7	283	100	170	60	*112	*40
Kentucky	554	100	451	81	*103	*19	347	100	316	91	...	...
Louisiana	825	100	700	85	*125	*15	277	100	253	91	...	...
Maine	341	100	193	56	149	44	181	100	141	78	*40	*22
Maryland	426	100	347	81	80	19	88	100	*69	*78	*19	*22
Massachusetts	532	100	377	71	155	29	56	100	52	93	...	...
Michigan	1,744	100	1,397	80	347	20	529	100	501	95	...	...
Minnesota	1,562	100	1,303	83	259	17	477	100	457	96	...	...
Mississippi	651	100	600	92	...	...	483	100	436	90	...	...
Missouri	1,071	100	827	77	244	23	576	100	477	83	*100	*17
Montana	267	100	185	69	82	31	150	100	104	70	*46	*30
Nebraska	207	100	177	85	...	...	128	100	110	86	...	...
Nevada	147	100	114	78	...	...	43	100	39	91	...	...
New Hampshire	228	100	153	67	75	33	56	100	42	74	*14	*26
New Jersey	766	100	509	66	*257	*34	94	100	93	99	...	...
New Mexico	278	100	213	77	*65	*23	69	100	64	93	...	...
New York	1,882	100	1,585	84	297	16	823	100	739	90	*84	*10
North Carolina	1,525	100	1,196	78	329	22	335	100	259	77	*76	*23
North Dakota	66	100	65	99	...	...	82	100	50	61	...	...
Ohio	1,342	100	1,257	94	*85	*6	553	100	516	93	*37	*7
Oklahoma	729	100	680	93	*49	*7	244	100	219	90	...	...
Oregon	638	100	373	59	264	41	196	100	181	92	...	...
Pennsylvania	1,101	100	891	81	210	19	775	100	699	90	*76	*10
Rhode Island	175	100	79	45	96	55	20	100	15	77	...	...
South Carolina	744	100	561	75	*182	*25	254	100	180	71	*74	*29
South Dakota	268	100	156	58	*112	*42	270	100	127	47	144	53
Tennessee	826	100	709	86	*117	*14	375	100	276	74	...	...
Texas	2,246	100	2,133	95	*114	*5	1,147	100	1,080	94	*67	*6
Utah	414	100	343	83	*70	*17	193	100	158	82	*35	*18
Vermont	207	100	95	46	112	54	90	100	66	74	...	...
Virginia	833	100	649	78	184	22	432	100	326	75	*106	*25
Washington	938	100	835	89	*103	*11	219	100	200	92	...	...
West Virginia	305	100	222	73	*84	*27	247	100	184	74	...	...
Wisconsin	1,247	100	910	73	337	27	895	100	763	85	*131	*15
Wyoming	303	100	110	36	*193	*64	140	100	76	54	*64	*46

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

Note: For the U.S. row, detail does not add to total because of multiple responses. U.S totals include responses from participants residing in the District of Columbia.

**Preliminary Table 6. Participation in Wildlife-Watching Activities by State Residents Both Inside and Outside Their Resident State: 2011**

(Population 16 years old and older. Numbers in thousands.)

Participant's state of residence	Population	Total participants		Away from home		Around the home	
		Number	Percent of population	Number	Percent of population	Number	Percent of Population
<b>United States, total</b>	<b>239,313</b>	<b>71,776</b>	<b>30</b>	<b>22,496</b>	<b>9</b>	<b>68,598</b>	<b>29</b>
Alabama	3,664	1,079	29	*340	*9	1,073	29
Alaska	526	247	47	118	22	229	43
Arizona	5,084	1,281	25	534	11	1,222	24
Arkansas	2,238	828	37	*120	*5	820	37
California	28,562	6,475	23	2,675	9	5,939	21
Colorado	3,946	1,456	37	621	16	1,299	33
Connecticut	2,781	1,093	39	385	14	1,053	38
Delaware	699	209	30	71	10	200	29
Florida	14,855	3,598	24	1,363	9	3,312	22
Georgia	7,459	2,206	30	*1,008	*14	2,054	28
Hawaii	995	161	16	103	10	115	12
Idaho	1,172	464	40	*220	*19	439	37
Illinois	9,988	2,784	28	652	7	2,752	28
Indiana	4,965	1,681	34	477	10	1,657	33
Iowa	2,363	780	33	215	9	758	32
Kansas	2,163	776	36	168	8	751	35
Kentucky	3,376	1,221	36	298	9	1,117	33
Louisiana	3,449	840	24	*221	*6	794	23
Maine	1,066	401	38	*110	*10	399	37
Maryland	4,480	1,224	27	392	9	1,203	27
Massachusetts	5,320	1,530	29	453	9	1,490	28
Michigan	7,787	3,067	39	855	11	2,865	37
Minnesota	4,133	1,498	36	483	12	1,419	34
Mississippi	2,220	630	28	*135	*6	620	28
Missouri	4,667	1,645	35	622	13	1,538	33
Montana	777	258	33	*96	*12	235	30
Nebraska	1,387	362	26	150	11	325	23
Nevada	2,024	504	25	191	9	465	23
New Hampshire	1,066	388	36	89	8	387	36
New Jersey	6,852	1,708	25	564	8	1,661	24
New Mexico	1,551	486	31	200	13	465	30
New York	15,503	4,081	26	1,263	8	3,856	25
North Carolina	7,264	2,124	29	505	7	2,110	29
North Dakota	515	152	30	*37	*7	143	28
Ohio	8,999	3,155	35	730	8	3,142	35
Oklahoma	2,828	1,233	44	*411	*15	1,225	43
Oregon	3,061	1,239	40	401	13	1,206	39
Pennsylvania	10,036	3,329	33	734	7	3,228	32
Rhode Island	848	270	32	66	8	260	31
South Carolina	3,555	944	27	*219	*6	915	26
South Dakota	631	267	42	*108	*17	267	42
Tennessee	4,945	1,733	35	682	14	1,584	32
Texas	18,681	4,263	23	*977	*5	4,249	23
Utah	2,036	558	27	263	13	430	21
Vermont	512	273	53	85	17	270	53
Virginia	6,136	2,212	36	553	9	2,185	36
Washington	5,293	1,932	37	693	13	1,849	35
West Virginia	1,464	751	51	*255	*17	743	51
Wisconsin	4,460	2,152	48	453	10	2,076	47
Wyoming	424	182	43	104	25	161	38

\* Estimate based on a sample size of 10-29.

Note: Detail does not add to total because of multiple responses. U.S totals include responses from participants residing in the District of Columbia.

**Preliminary Table 7. Participants in Wildlife-Watching Activities by State Where Activity Took Place: 2011***(Population 16 years old and older. Numbers in thousands.)*

<i>State where activity took place</i>	<i>Total participants</i>		<i>Away from home</i>		<i>Around the home</i>	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
<b>United States, total</b>	<b>71,776</b>	<b>100</b>	<b>22,496</b>	<b>31</b>	<b>68,598</b>	<b>96</b>
Alabama	1,114	100	*336	*30	1,073	96
Alaska	640	100	498	78	229	36
Arizona	1,566	100	732	47	1,222	78
Arkansas	852	100	*137	*16	820	96
California	6,733	100	2,790	41	5,939	88
Colorado	1,782	100	902	51	1,299	73
Connecticut	1,178	100	441	37	1,053	89
Delaware	236	100	89	38	200	85
Florida	4,308	100	1,902	44	3,312	77
Georgia	2,393	100	1,129	47	2,054	86
Hawaii	358	100	295	82	115	32
Idaho	558	100	281	50	439	79
Illinois	3,019	100	704	23	2,752	91
Indiana	1,719	100	*413	*24	1,657	96
Iowa	837	100	212	25	758	91
Kansas	792	100	169	21	751	95
Kentucky	1,319	100	348	26	1,117	85
Louisiana	1,010	100	*371	*37	794	79
Maine	838	100	538	64	399	48
Maryland	1,362	100	421	31	1,203	88
Massachusetts	1,828	100	662	36	1,490	81
Michigan	3,199	100	958	30	2,865	90
Minnesota	1,577	100	509	32	1,419	90
Mississippi	781	100	*262	*34	620	79
Missouri	1,716	100	579	34	1,538	90
Montana	402	100	230	57	235	58
Nebraska	384	100	155	40	325	85
Nevada	643	100	287	45	465	72
New Hampshire	630	100	311	49	387	61
New Jersey	1,875	100	605	32	1,661	89
New Mexico	566	100	261	46	465	82
New York	4,239	100	1,157	27	3,856	91
North Carolina	2,432	100	703	29	2,110	87
North Dakota	147	100	*28	*19	143	97
Ohio	3,197	100	744	23	3,142	98
Oklahoma	1,263	100	*411	*33	1,225	97
Oregon	1,440	100	537	37	1,206	84
Pennsylvania	3,598	100	809	22	3,228	90
Rhode Island	308	100	82	27	260	84
South Carolina	1,103	100	378	34	915	83
South Dakota	384	100	221	58	267	70
Tennessee	1,955	100	787	40	1,584	81
Texas	4,376	100	1,026	23	4,249	97
Utah	717	100	402	56	430	60
Vermont	370	100	177	48	270	73
Virginia	2,509	100	759	30	2,185	87
Washington	2,168	100	891	41	1,849	85
West Virginia	850	100	348	41	743	87
Wisconsin	2,359	100	499	21	2,076	88
Wyoming	518	100	435	84	161	31

\* Estimate based on a sample size of 10-29.

Note: Detail does not add to total because of multiple responses. U.S totals include responses from participants residing in the District of Columbia.



## Days

Anglers averaged 17 days of fishing for the year. At the state level average days per year by in-state anglers ranged from 8 days in Alaska and Arizona to 28 days in Arkansas. Total days ranged from 736,000 in North Dakota to 57.6 million in Florida.

Hunters averaged 21 days. At the state level average days per year by in-state hunters ranged from 8 days in Colorado to 35 days in Kentucky. Total days ranged from 380,000 in Delaware to 20.4 million in Texas.

Away-from-home wildlife watchers averaged 15 days. At the state level average days per year by in-state participants ranged from 5 days in Alabama to 30 days in Georgia. Total days ranged from 509,000 in North Dakota to 34.3 million in Georgia.



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**Preliminary Table 8. Days of Fishing by State Where Fishing Took Place and Angler's State of Residence: 2011***(Population 16 years old and older. Numbers in thousands.)*

State	Days of fishing in state						Days of fishing by state residents					
	Total days, residents and nonresidents		Days by state residents		Days by nonresidents		Total days, in state of residence and other states		Days in state of residence		Days in other states	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>United States, total</b>	<b>553,841</b>	<b>100</b>	<b>502,008</b>	<b>91</b>	<b>57,499</b>	<b>10</b>	<b>553,841</b>	<b>100</b>	<b>502,008</b>	<b>91</b>	<b>57,499</b>	<b>10</b>
Alabama	10,878	100	9,905	91	974	9	10,176	100	9,905	97	272	3
Alaska	4,360	100	3,073	70	1,287	30	3,121	100	3,073	98	48	2
Arizona	4,825	100	4,141	86	*684	*14	5,283	100	4,141	78	1,143	22
Arkansas	15,662	100	15,055	96	*607	*4	15,141	100	15,055	99	86	1
California	23,754	100	23,267	98	487	2	27,879	100	23,267	83	4,612	17
Colorado	8,433	100	7,490	89	943	11	8,726	100	7,490	86	1,236	14
Connecticut	4,705	100	4,395	93	*310	*7	5,713	100	4,395	77	1,318	23
Delaware	2,052	100	1,328	65	*724	*35	1,681	100	1,328	79	353	21
Florida	57,594	100	48,050	83	9,544	17	49,500	100	48,050	97	1,450	3
Georgia	8,729	100	8,456	97	*273	*3	9,061	100	8,456	93	605	7
Hawaii	1,882	100	1,705	91	...	...	1,739	100	1,705	98	34	2
Idaho	5,507	100	2,165	39	3,342	61	2,424	100	2,165	89	259	11
Illinois	13,343	100	12,946	97	*397	*3	15,614	100	12,946	83	2,667	17
Indiana	20,775	100	20,238	97	*537	*3	21,542	100	20,238	94	1,304	6
Iowa	5,978	100	5,790	97	*187	*3	6,909	100	5,790	84	1,119	16
Kansas	4,163	100	4,088	98	*75	*2	4,694	100	4,088	87	605	13
Kentucky	10,245	100	9,385	92	*860	*8	10,245	100	9,385	92	860	8
Louisiana	18,079	100	17,586	97	*494	*3	18,351	100	17,586	96	765	4
Maine	3,873	100	2,897	75	976	25	2,915	100	2,897	99	18	1
Maryland	4,711	100	4,160	88	550	12	5,676	100	4,160	73	1,516	27
Massachusetts	8,367	100	7,589	91	779	9	9,166	100	7,589	83	1,578	17
Michigan	28,177	100	26,014	92	2,164	8	26,744	100	26,014	97	730	3
Minnesota	21,702	100	19,959	92	1,743	8	24,903	100	19,959	80	4,944	20
Mississippi	9,176	100	8,501	93	...	...	8,700	100	8,501	98	199	2
Missouri	14,865	100	13,263	89	1,603	11	14,448	100	13,263	92	1,185	8
Montana	2,450	100	2,091	85	358	15	3,263	100	2,091	64	1,172	36
Nebraska	2,595	100	2,493	96	...	...	2,924	100	2,493	85	432	15
Nevada	1,400	100	1,295	93	...	...	2,044	100	1,295	63	749	37
New Hampshire	4,370	100	3,870	89	499	11	4,155	100	3,870	93	284	7
New Jersey	9,454	100	8,087	86	*1,367	*14	9,578	100	8,087	84	1,491	16
New Mexico	3,899	100	3,622	93	*278	*7	3,868	100	3,622	94	247	6
New York	29,874	100	27,804	93	2,071	7	29,112	100	27,804	96	1,309	4
North Carolina	23,472	100	21,939	93	1,532	7	23,491	100	21,939	93	1,552	7
North Dakota	736	100	732	100	...	...	987	100	732	74	255	26
Ohio	16,874	100	16,264	96	*609	*4	19,116	100	16,264	85	2,851	15
Oklahoma	8,499	100	7,943	93	*556	*7	8,661	100	7,943	92	718	8
Oregon	5,658	100	4,396	78	1,263	22	4,673	100	4,396	94	277	6
Pennsylvania	10,136	100	8,364	83	1,772	17	9,926	100	8,364	84	1,562	16
Rhode Island	2,080	100	1,579	76	501	24	1,764	100	1,579	90	184	10
South Carolina	11,189	100	10,487	94	*702	*6	11,459	100	10,487	92	973	8
South Dakota	4,069	100	3,525	87	*544	*13	3,649	100	3,525	97	124	3
Tennessee	16,957	100	16,041	95	*916	*5	17,834	100	16,041	90	1,793	10
Texas	30,667	100	29,572	96	*1,095	*4	34,735	100	29,572	85	5,163	15
Utah	5,979	100	5,373	90	*606	*10	5,612	100	5,373	96	239	4
Vermont	2,215	100	1,751	79	464	21	1,885	100	1,751	93	134	7
Virginia	10,521	100	9,367	89	1,153	11	10,342	100	9,367	91	975	9
Washington	13,449	100	13,107	97	*341	*3	17,818	100	13,107	74	4,711	26
West Virginia	4,521	100	4,271	94	*250	*6	4,767	100	4,271	90	495	10
Wisconsin	21,284	100	14,576	68	6,708	32	15,320	100	14,576	95	744	5
Wyoming	5,340	100	2,009	38	*3,331	*62	2,170	100	2,009	93	161	7

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

Note: U.S. totals include responses from participants residing in the District of Columbia.

**Preliminary Table 9. Days of Hunting by State Where Hunting Took Place and Hunter's State of Residence: 2011**

(Population 16 years old and older. Numbers in thousands.)

State	Days of hunting in state						Days of hunting by state residents					
	Total days, residents and nonresidents		Days by state residents		Days by nonresidents		Total days, in state of residence and other states		Days in state of residence		Days in other states	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>United States, total</b>	<b>281,884</b>	<b>100</b>	<b>263,038</b>	<b>93</b>	<b>20,291</b>	<b>7</b>	<b>281,884</b>	<b>100</b>	<b>263,038</b>	<b>93</b>	<b>20,291</b>	<b>7</b>
Alabama	10,548	100	10,285	98	*263	*2	10,393	100	10,285	99	...	...
Alaska	1,336	100	1,044	78	...	...	1,096	100	1,044	95	...	...
Arizona	2,634	100	2,363	90	*271	*10	3,164	100	2,363	75	...	...
Arkansas	10,967	100	10,006	91	...	...	10,712	100	10,006	93	...	...
California	6,731	100	6,585	98	...	...	8,036	100	6,585	82	*1,451	*18
Colorado	2,184	100	1,553	71	*630	*29	1,806	100	1,553	86	...	...
Connecticut	1,011	100	947	94	...	...	1,348	100	947	70	*401	*30
Delaware	380	100	343	90	...	...	453	100	343	76	*110	*24
Florida	5,252	100	4,969	95	...	...	6,693	100	4,969	74	*1,724	*26
Georgia	8,920	100	7,742	87	*1,177	*13	8,318	100	7,742	93	...	...
Hawaii	774	100	*774	*100	...	...	786	100	*774	*99	...	...
Idaho	3,227	100	*1,983	*61	*1,243	*39	2,009	100	*1,983	*99	...	...
Illinois	7,836	100	7,354	94	...	...	7,786	100	7,354	94	*432	*6
Indiana	10,863	100	10,814	100	...	...	10,926	100	10,814	99	...	...
Iowa	4,240	100	3,988	94	...	...	4,163	100	3,988	96	...	...
Kansas	5,209	100	4,075	78	*1,134	*22	4,193	100	4,075	97	...	...
Kentucky	12,222	100	11,402	93	...	...	11,979	100	11,402	95	...	...
Louisiana	5,222	100	5,044	97	...	...	6,738	100	5,044	75	*1,694	*25
Maine	2,523	100	2,240	89	*283	*11	2,410	100	2,240	93	...	...
Maryland	1,032	100	*919	*89	*112	*11	1,418	100	*919	*65	...	...
Massachusetts	1,062	100	1,041	98	...	...	1,403	100	1,041	74	*363	*26
Michigan	11,020	100	10,840	98	...	...	11,358	100	10,840	95	...	...
Minnesota	5,589	100	5,502	98	...	...	8,053	100	5,502	68	*2,551	*32
Mississippi	9,105	100	8,537	94	...	...	8,755	100	8,537	98	...	...
Missouri	10,087	100	9,154	91	*932	*9	9,716	100	9,154	94	*562	*6
Montana	2,493	100	2,002	80	*491	*20	2,158	100	2,002	93	...	...
Nebraska	1,554	100	1,490	96	...	...	1,584	100	1,490	94	...	...
Nevada	748	100	699	93	...	...	897	100	699	78	*198	*22
New Hampshire	1,359	100	1,207	89	*153	*11	1,330	100	1,207	91	...	...
New Jersey	2,400	100	2,380	99	...	...	2,928	100	2,380	81	*547	*19
New Mexico	927	100	851	92	...	...	911	100	851	93	...	...
New York	18,433	100	17,673	96	*760	*4	17,741	100	17,673	100	...	...
North Carolina	7,608	100	7,314	96	*293	*4	8,177	100	7,314	89	...	...
North Dakota	796	100	573	72	...	...	583	100	573	98	...	...
Ohio	8,967	100	8,688	97	*278	*3	9,066	100	8,688	96	...	...
Oklahoma	4,968	100	4,790	96	...	...	5,201	100	4,790	92	...	...
Oregon	2,205	100	2,133	97	...	...	2,264	100	2,133	94	...	...
Pennsylvania	18,247	100	17,648	97	*598	*3	17,826	100	17,648	99	...	...
Rhode Island	419	100	248	59	...	...	318	100	248	78	*70	*22
South Carolina	4,353	100	3,882	89	*471	*11	4,255	100	3,882	91	...	...
South Dakota	3,742	100	2,811	75	930	25	2,901	100	2,811	97	...	...
Tennessee	9,846	100	9,507	97	...	...	9,603	100	9,507	99	...	...
Texas	20,372	100	19,778	97	*594	*3	19,905	100	19,778	99	...	...
Utah	2,720	100	2,482	91	*238	*9	2,643	100	2,482	94	...	...
Vermont	1,584	100	1,403	89	...	...	1,618	100	1,403	87	*215	*13
Virginia	10,060	100	9,302	92	*758	*8	10,306	100	9,302	90	*1,004	*10
Washington	2,547	100	2,445	96	...	...	2,756	100	2,445	89	*311	*11
West Virginia	3,166	100	3,035	96	...	...	3,254	100	3,035	93	...	...
Wisconsin	12,177	100	10,085	83	*2,092	*17	10,219	100	10,085	99	...	...
Wyoming	1,726	100	1,103	64	*623	*36	1,171	100	1,103	94	*68	*6

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

Note: U.S. totals include responses from participants residing in the District of Columbia.



**Preliminary Table 10. Days of Wildlife Watching Away From Home by State Where Activity Took Place and Participant's State of Residence: 2011**

(Population 16 years old and older. Numbers in thousands.)

State	Days of activity in state						Days of activity by state residents					
	Total days, residents and nonresidents		Days by residents		Days by nonresidents		Total days, in state of residence and other states		Days in state of residence		Days in other states	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>United States, total</b>	<b>335,625</b>	<b>100</b>	<b>268,412</b>	<b>80</b>	<b>67,213</b>	<b>20</b>	<b>335,625</b>	<b>100</b>	<b>268,412</b>	<b>80</b>	<b>67,213</b>	<b>20</b>
Alabama	*1,525	*100	*1,269	*83	...	...	*1,831	*100	*1,269	*69	...	...
Alaska	5,159	100	1,739	34	3,420	66	1,783	100	1,739	98	...	...
Arizona	11,907	100	7,696	65	4,210	35	9,637	100	7,696	80	*1,941	*20
Arkansas	*1,427	*100	*1,326	*93	...	...	*1,411	*100	*1,326	*94	...	...
California	27,352	100	24,683	90	2,668	10	28,574	100	24,683	86	3,890	14
Colorado	6,937	100	4,790	69	2,147	31	5,865	100	4,790	82	*1,075	*18
Connecticut	8,964	100	8,085	90	*880	*10	10,930	100	8,085	74	2,845	26
Delaware	1,573	100	1,330	85	...	...	1,924	100	1,330	69	595	31
Florida	16,786	100	8,307	49	8,478	51	11,866	100	8,307	70	*3,558	*30
Georgia	34,309	100	*33,442	*97	*866	*3	*34,530	*100	*33,442	*97	...	...
Hawaii	4,660	100	2,675	57	*1,985	*43	2,830	100	2,675	95	*155	*5
Idaho	3,757	100	*3,248	*86	*509	*14	*3,639	*100	*3,248	*89	...	...
Illinois	6,434	100	4,098	64	*2,336	*36	6,898	100	4,098	59	*2,800	*41
Indiana	*2,924	*100	*2,743	*94	...	...	*3,552	*100	*2,743	*77	*809	*23
Iowa	2,547	100	2,235	88	*312	*12	3,391	100	2,235	66	*1,155	*34
Kansas	1,019	100	780	77	...	...	1,258	100	780	62	*478	*38
Kentucky	2,890	100	*1,868	*65	*1,021	*35	2,974	100	*1,868	*63	*1,106	*37
Louisiana	*4,916	*100	*4,248	*86	...	...	*5,540	*100	*4,248	*77	...	...
Maine	7,334	100	*4,675	*64	2,659	36	*4,824	*100	*4,675	*97	...	...
Maryland	4,458	100	3,708	83	*750	*17	4,578	100	3,708	81	*870	*19
Massachusetts	10,546	100	7,797	74	2,750	26	9,554	100	7,797	82	1,758	18
Michigan	10,343	100	*9,498	*92	*845	*8	10,418	100	*9,498	*91	...	...
Minnesota	6,974	100	*6,684	*96	*290	*4	*7,780	*100	*6,684	*86	*1,097	*14
Mississippi	*3,946	*100	*3,608	*91	...	...	*4,411	*100	*3,608	*82	...	...
Missouri	8,200	100	7,835	96	*365	*4	9,573	100	7,835	82	*1,737	*18
Montana	1,395	100	*625	*45	770	55	*1,412	*100	*625	*44	...	...
Nebraska	2,361	100	2,243	95	...	...	2,732	100	2,243	82	*489	*18
Nevada	1,619	100	1,177	73	*442	*27	2,631	100	1,177	45	1,454	55
New Hampshire	1,896	100	*1,074	*57	822	43	1,382	100	*1,074	*78	*308	*22
New Jersey	6,210	100	5,608	90	*602	*10	8,207	100	5,608	68	2,600	32
New Mexico	5,962	100	4,371	73	*1,590	*27	4,733	100	4,371	92	*361	*8
New York	22,814	100	21,631	95	1,182	5	29,118	100	21,631	74	*7,487	*26
North Carolina	9,275	100	6,768	73	2,507	27	9,463	100	6,768	72	*2,695	*28
North Dakota	*509	*100	*503	*99	...	...	*729	*100	*503	*69	...	...
Ohio	6,251	100	6,174	99	...	...	7,285	100	6,174	85	...	...
Oklahoma	*3,084	*100	*2,964	*96	...	...	*3,128	*100	*2,964	*95	...	...
Oregon	7,268	100	5,294	73	*1,974	*27	6,673	100	5,294	79	*1,379	*21
Pennsylvania	9,554	100	*7,217	*76	2,337	24	*7,863	*100	*7,217	*92	...	...
Rhode Island	1,230	100	815	66	*416	*34	1,094	100	815	74	279	26
South Carolina	4,254	100	*2,650	*62	*1,604	*38	*3,361	*100	*2,650	*79	...	...
South Dakota	1,559	100	*1,090	*70	*469	*30	*1,170	*100	*1,090	*93	...	...
Tennessee	6,424	100	4,443	69	*1,981	*31	6,521	100	4,443	68	*2,078	*32
Texas	11,840	100	*10,441	*88	*1,399	*12	*11,193	*100	*10,441	*93	...	...
Utah	5,169	100	2,642	51	2,527	49	3,127	100	2,642	84	*485	*16
Vermont	2,602	100	1,908	73	*693	*27	2,092	100	1,908	91	*184	*9
Virginia	4,552	100	2,697	59	1,855	41	5,848	100	2,697	46	3,150	54
Washington	9,641	100	8,311	86	1,330	14	13,740	100	8,311	60	*5,429	*40
West Virginia	3,648	100	*3,254	*89	*394	*11	*4,995	*100	*3,254	*65	...	...
Wisconsin	6,080	100	*4,999	*82	*1,082	*18	*5,773	*100	*4,999	*87	...	...
Wyoming	3,125	100	1,119	36	2,006	64	1,676	100	1,119	67	*557	*33

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

Note: Detail does not add to total because of nonresponse. U.S. totals include responses from participants residing in the District of Columbia.

## Expenditures

The average angler spent \$1,262 in 2011. The average in-state expenditures by anglers ranged from \$441 in Pennsylvania to \$1,546 in Minnesota. Total expenditures ranged from \$71 million in North Dakota to \$4.6 billion in Florida.

The average hunter spent \$2,484 in 2011. Total expenditures ranged from \$18 million in Rhode Island to \$2.5 billion in Wisconsin.

The average wildlife watcher spent \$765 in 2011. The average in-state expenditures by wildlife watchers ranged from \$233 in Ohio to \$3,300 in Alaska. Total expenditures ranged from \$130 million in North Dakota to \$4.2 billion in New York.



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**Preliminary Table 11. Expenditures for Fishing by State Where Spending Took Place: 2011***(Population 16 years old and older. Expenditures in thousands of dollars.)*

State where spending took place	Total expenditures	Trip-related expenditures				Expenditures for equipment				Expenditures for other items <sup>1</sup>
		Total trip-related	Food and lodging	Transportation	Other trip costs	Total equipment	Fishing equipment	Auxiliary equipment	Special equipment	
<b>United States, total</b>	<b>41,573,783</b>	<b>21,789,465</b>	<b>7,711,318</b>	<b>6,261,536</b>	<b>7,816,610</b>	<b>15,311,177</b>	<b>6,141,895</b>	<b>1,106,865</b>	<b>8,062,417</b>	<b>4,473,141</b>
Alabama	456,442	317,064	121,973	78,970	116,120	127,616	107,492	*16,676	...	11,762
Alaska	639,356	528,135	227,663	164,152	136,321	91,228	56,246	20,338	...	19,992
Arizona	755,027	357,472	123,342	95,693	138,437	337,188	62,790	*9,343	*265,056	60,366
Arkansas	495,584	339,640	153,245	117,488	68,907	142,292	45,750	...	...	13,651
California	2,267,130	1,620,329	576,406	462,576	581,347	577,356	320,577	141,384	*115,394	69,445
Colorado	648,563	403,569	134,342	193,604	75,624	213,528	121,723	*32,643	...	31,466
Connecticut	436,358	258,671	66,355	46,676	145,640	163,275	58,289	32,986	...	14,411
Delaware	104,618	48,959	20,848	12,124	15,987	21,411	12,965	*1,100	...	34,249
Florida	4,626,975	2,801,636	900,222	563,990	1,337,423	1,085,576	600,093	76,817	*408,666	739,763
Georgia	872,550	401,784	166,506	152,932	82,346	430,234	111,651	...	...	40,532
Hawaii	203,492	102,074	24,985	30,283	46,806	100,236	48,734	*2,525	...	*1,182
Idaho	421,491	261,072	96,171	123,836	41,065	105,933	78,610	*6,297	...	54,486
Illinois	972,299	372,361	124,642	98,210	149,509	387,439	100,569	*15,611	*271,258	212,500
Indiana	671,840	427,310	140,320	136,879	150,110	164,516	92,066	*12,805	...	80,015
Iowa	277,999	100,539	34,913	33,101	32,525	159,732	48,500	*7,180	*104,052	17,728
Kansas	210,303	98,165	28,249	35,760	34,156	68,046	24,341	...	...	44,092
Kentucky	807,293	259,128	92,732	93,334	73,062	463,240	51,282	...	*399,129	84,925
Louisiana	807,033	533,843	217,851	126,429	189,563	242,032	88,745	...	...	31,158
Maine	371,829	214,686	89,002	52,979	72,705	141,385	34,117	*11,210	*96,057	15,758
Maryland	535,232	195,536	60,387	37,093	98,056	332,279	77,882	...	...	7,417
Massachusetts	455,403	253,705	62,852	52,098	138,754	188,541	77,827	*4,947	*105,767	13,157
Michigan	2,427,110	1,092,735	373,964	344,495	374,276	1,117,911	259,043	*84,705	*774,162	216,464
Minnesota	2,414,257	924,573	372,819	269,690	282,064	1,448,648	375,809	*25,336	*1047,503	41,036
Mississippi	527,740	315,763	101,802	93,213	120,748	200,790	164,977	...	...	11,187
Missouri	665,170	374,215	146,842	146,217	81,157	262,939	143,930	*8,061	*110,948	28,015
Montana	339,383	141,885	54,909	57,950	29,027	140,728	83,447	...	...	56,770
Nebraska	182,574	56,840	20,029	24,374	12,437	112,780	65,105	*7,839	*39,836	12,954
Nevada	138,269	83,275	34,026	32,323	16,926	49,130	22,165	*5,180	...	5,864
New Hampshire	208,524	151,389	39,031	38,369	73,989	51,872	30,551	*4,093	...	5,263
New Jersey	1,120,018	486,978	129,828	103,695	253,455	319,118	151,784	41,474	*125,860	313,922
New Mexico	418,182	234,187	93,272	114,565	26,351	169,541	42,787	*11,780	*114,974	14,455
New York	1,945,147	1,057,916	333,483	306,506	417,927	758,530	395,723	75,814	*286,993	128,702
North Carolina	1,520,943	1,020,156	443,338	239,146	337,672	480,065	269,784	*25,767	*184,514	20,722
North Dakota	70,755	38,907	18,048	7,162	13,697	30,679	25,540	...	...	1,169
Ohio	1,794,642	594,519	171,728	165,782	257,009	460,353	220,277	*39,299	*200,776	739,770
Oklahoma	730,503	175,701	69,820	71,458	34,423	227,980	70,531	*69,769	...	326,822
Oregon	640,047	358,680	148,761	95,820	114,099	235,384	68,013	*14,338	*153,032	45,983
Pennsylvania	484,996	228,510	76,705	83,154	68,651	193,879	114,099	*12,696	...	62,607
Rhode Island	130,046	83,935	22,082	17,062	44,791	41,804	14,985	*813	*26,006	4,307
South Carolina	685,973	359,834	116,079	89,606	154,149	319,015	231,271	*9,818	...	7,125
South Dakota	202,797	133,078	44,159	64,968	23,951	64,834	45,547	*8,359	...	4,885
Tennessee	1,137,104	283,024	78,345	112,279	92,401	803,472	210,219	*20,154	...	50,608
Texas	1,540,434	1,045,330	422,885	297,817	324,629	471,190	203,698	*27,174	...	23,914
Utah	451,259	226,251	93,714	77,555	54,983	211,585	52,178	*10,909	...	13,423
Vermont	131,223	90,248	40,684	26,215	23,350	26,007	15,437	*819	...	14,968
Virginia	1,142,099	469,096	215,544	113,859	139,693	379,123	133,986	*6,264	*238,872	293,880
Washington	1,029,728	539,035	160,994	170,219	207,823	435,580	214,677	48,657	*172,245	55,113
West Virginia	428,646	326,275	158,734	77,728	89,813	97,553	56,130	...	...	4,819
Wisconsin	1,418,591	607,467	232,140	220,905	154,422	480,273	93,996	...	*380,740	330,851
Wyoming	463,814	393,984	34,547	91,201	268,236	44,907	30,752	...	...	24,923

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

<sup>1</sup> Includes expenditures for magazine subscriptions, membership dues and contributions, land leasing and ownership, and licenses, stamps, tags, and permits.

Note: U.S. totals include responses from participants residing in the District of Columbia.



**Preliminary Table 12. Expenditures for Hunting by State Where Spending Took Place: 2011**

(Population 16 years old and older. Expenditures in thousands of dollars.)

State where spending took place	Total expenditures	Trip-related expenditures				Expenditures for equipment				Expenditures for other items <sup>1</sup>
		Total trip-related	Food and lodging	Transportation	Other trip costs	Total equipment	Hunting equipment	Auxiliary equipment	Special equipment	
<b>United States, total</b>	<b>31,445,032</b>	<b>10,421,189</b>	<b>3,881,304</b>	<b>4,767,915</b>	<b>1,771,970</b>	<b>13,606,133</b>	<b>7,738,324</b>	<b>1,844,880</b>	<b>4,022,929</b>	<b>7,417,711</b>
Alabama	913,387	404,966	151,664	160,803	*92,498	357,045	173,693	*63,734	...	151,376
Alaska	424,803	167,664	68,265	63,078	36,321	244,032	113,578	*12,745	...	13,107
Arizona	337,759	148,623	57,806	74,731	*16,085	133,703	80,563	*17,195	...	55,433
Arkansas	1,021,379	317,150	133,327	152,564	*31,259	466,793	409,109	*50,371	...	237,435
California	969,787	501,877	114,203	227,036	160,638	382,590	224,800	*88,376	...	85,320
Colorado	460,914	220,754	86,645	81,818	52,290	185,179	142,127	*25,522	...	54,981
Connecticut	301,988	28,253	*7,577	15,353	*5,323	159,642	108,687	*15,039	...	114,093
Delaware	41,106	*5,426	*2,851	*2,185	...	12,475	*8,430	...	...	23,205
Florida	720,190	280,965	75,876	125,965	*79,124	219,590	185,070	*22,630	...	219,634
Georgia	967,879	486,854	241,218	155,601	*90,036	328,558	299,661	*21,874	...	152,466
Hawaii	*50,962	*22,634	*7,981	*14,099	*554	*27,374	*26,445	...	...	*954
Idaho	477,548	285,440	77,409	114,160	*93,870	131,968	73,694	*16,137	...	60,140
Illinois	1,216,281	273,779	139,784	106,027	*27,967	369,894	235,424	*67,077	...	572,608
Indiana	222,310	64,900	25,507	35,471	...	105,008	86,825	*15,676	...	52,402
Iowa	405,451	121,534	58,278	59,244	...	151,252	108,302	*36,960	...	132,665
Kansas	401,452	149,787	50,646	72,731	*26,410	71,835	61,867	*9,968	...	179,829
Kentucky	797,766	241,639	62,367	106,402	*72,869	350,029	272,967	*56,892	...	206,098
Louisiana	564,385	244,997	100,546	111,188	*33,263	177,639	142,761	*20,136	...	141,749
Maine	202,639	102,037	64,615	33,273	*4,149	60,394	46,748	*4,946	...	40,208
Maryland	264,119	50,221	*20,853	14,058	*15,310	127,600	105,922	*21,678	...	*86,297
Massachusetts	87,483	*16,941	*7,064	*8,640	...	62,893	*45,364	*16,349	...	7,649
Michigan	2,338,684	271,341	105,419	143,776	*22,146	1,317,004	407,636	*76,709	...	750,339
Minnesota	725,407	235,024	113,805	95,062	*26,158	400,397	336,690	54,429	...	89,986
Mississippi	914,889	244,140	114,436	98,317	*31,386	428,296	299,769	52,450	...	242,453
Missouri	906,888	308,718	124,111	142,245	42,362	355,911	265,218	38,051	...	242,259
Montana	627,298	232,599	90,862	132,275	*9,461	284,624	164,708	*88,982	...	110,075
Nebraska	526,527	89,522	40,072	44,014	*5,436	258,741	148,017	51,066	...	178,263
Nevada	204,137	86,725	25,465	29,484	*31,776	79,937	45,804	*20,582	...	37,475
New Hampshire	60,578	33,890	9,463	23,614	...	23,426	19,467	*3,959	...	3,262
New Jersey	115,797	34,419	*11,665	18,664	...	67,032	33,483	*7,214	...	14,345
New Mexico	139,264	*65,792	*24,371	*35,197	*6,225	*54,420	*43,569	*7,257	...	19,051
New York	1,564,205	810,119	237,046	528,953	*44,120	483,719	397,260	*51,249	...	270,368
North Carolina	525,281	224,555	78,189	96,908	*49,457	181,501	146,819	*34,293	...	119,225
North Dakota	146,533	69,224	28,288	39,777	...	63,811	60,381	*3,429	...	13,498
Ohio	752,996	320,777	57,043	163,800	...	274,391	220,095	*54,296	...	157,828
Oklahoma	592,095	109,173	*38,010	*37,246	*33,918	*182,698	*170,187	*10,882	...	*300,224
Oregon	238,696	83,492	35,895	42,322	*5,274	134,260	*36,835	*24,709	...	20,944
Pennsylvania	976,662	172,710	61,534	98,835	*12,342	563,664	319,457	100,525	...	240,287
Rhode Island	18,308	4,610	1,585	2,914	...	12,119	*9,583	*863	...	1,578
South Carolina	505,311	229,561	95,412	96,014	*38,134	191,589	81,911	*22,483	...	84,161
South Dakota	596,824	338,230	154,811	139,036	*44,382	115,496	65,594	*24,101	...	143,098
Tennessee	494,005	210,025	95,404	99,196	*15,425	216,306	158,388	*57,918	...	67,674
Texas	1,837,504	837,479	332,375	379,419	*125,685	537,597	343,969	*154,067	...	462,427
Utah	499,141	186,765	50,622	101,917	*34,226	261,972	148,128	*46,555	...	50,403
Vermont	632,707	39,469	14,096	21,883	*3,490	530,812	129,785	13,467	...	62,426
Virginia	877,038	297,241	73,309	93,747	130,185	286,072	227,495	53,040	...	293,725
Washington	356,251	163,423	75,198	77,154	*11,070	156,398	109,555	*38,486	...	36,431
West Virginia	409,219	68,531	37,185	28,376	...	307,999	79,373	*43,866	...	32,689
Wisconsin	2,544,591	358,080	160,687	156,022	*41,371	1,464,520	137,004	*64,793	...	721,991
Wyoming	288,736	159,115	40,461	67,319	*51,334	80,980	48,959	*25,881	...	48,642

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

<sup>1</sup> Includes expenditures for magazine subscriptions, membership dues and contributions, land leasing and ownership, licenses, stamps, tags, and permits, and plantings.

Note: U.S. totals include responses from participants residing in the District of Columbia.

**Preliminary Table 13. Expenditures for Wildlife-Watching Activities by State Where Spending Took Place: 2011**

(Population 16 years old and older. Expenditures in thousands of dollars.)

State where spending took place	Total expenditures	Trip-related expenditures				Expenditures for equipment				Expenditures for other items <sup>1</sup>
		Total trip-related	Food and lodging	Transportation	Other trip costs	Total equipment	Wildlife-watching equipment	Auxiliary equipment	Special equipment	
<b>United States, total</b>	<b>50,347,942</b>	<b>17,274,675</b>	<b>9,349,439</b>	<b>6,006,860</b>	<b>1,918,376</b>	<b>24,487,628</b>	<b>10,467,983</b>	<b>2,410,570</b>	<b>11,609,075</b>	<b>8,585,639</b>
Alabama	734,204	*41,191	*12,168	*27,359	...	668,276	203,518	...	...	*24,738
Alaska	2,058,355	1,970,345	1,052,372	559,450	358,522	79,485	34,386	*38,063	...	*8,524
Arizona	935,880	391,198	194,925	176,576	19,697	336,081	141,043	*22,295	...	208,600
Arkansas	216,074	*34,520	*21,808	*12,384	...	156,574	104,825	...	...	...
California	3,777,677	1,781,680	933,483	663,484	184,713	1,485,977	622,657	270,934	*592,386	510,019
Colorado	1,432,084	615,636	353,088	232,716	29,832	722,249	149,734	51,130	...	94,199
Connecticut	934,703	227,380	110,505	67,546	49,328	487,381	179,205	58,076	*250,100	219,942
Delaware	190,309	41,092	21,761	16,782	*2,550	102,400	41,537	*6,857	...	46,817
Florida	3,041,333	1,732,652	890,458	619,555	222,639	788,430	457,904	48,954	*281,572	520,250
Georgia	1,802,423	839,036	499,054	325,328	*14,654	889,500	464,003	*143,884	...	*73,887
Hawaii	668,504	627,700	291,313	161,888	*174,500	14,603	12,726	*1,876	...	26,201
Idaho	432,041	82,479	*29,524	*52,108	...	292,182	108,546	*181,911	...	*57,380
Illinois	1,427,474	166,123	69,757	73,868	*22,497	906,839	273,162	*22,805	...	354,513
Indiana	751,343	*206,357	*75,968	*105,843	*24,546	478,201	295,148	*167,322	...	66,785
Iowa	711,168	64,058	*21,563	38,820	*3,675	535,840	126,028	*23,391	...	111,270
Kansas	208,415	*45,599	*31,572	*13,199	...	56,925	48,515	*8,306	...	105,891
Kentucky	773,221	125,358	62,455	40,780	*22,122	167,075	123,548	*8,515	...	480,788
Louisiana	542,752	*222,145	*124,839	*57,122	...	277,084	200,023	...	...	*43,523
Maine	798,854	514,145	347,602	122,931	43,612	172,113	89,761	*17,849	...	112,596
Maryland	483,421	104,421	52,292	47,525	*4,605	333,762	195,957	*16,449	...	45,237
Massachusetts	1,277,898	286,092	199,653	72,675	13,765	325,967	225,119	49,487	...	665,838
Michigan	1,220,815	416,562	233,162	151,611	*31,789	662,703	399,811	*72,161	...	141,550
Minnesota	621,290	228,217	*93,443	114,518	*20,255	169,982	123,036	*19,567	...	223,092
Mississippi	342,422	*90,493	*37,648	*43,128	...	238,311	97,418	...	...	*13,617
Missouri	940,818	210,934	102,373	104,728	*3,833	606,603	368,328	*28,287	...	123,282
Montana	400,797	291,910	78,188	72,284	*141,438	104,210	55,061	...	...	*4,677
Nebraska	513,297	86,719	37,379	26,323	*23,017	409,799	67,707	*16,837	...	16,778
Nevada	682,028	114,366	62,091	47,764	*4,511	275,886	51,295	*5,236	...	291,776
New Hampshire	281,190	101,813	63,685	31,262	*6,866	111,320	63,459	*15,832	...	68,057
New Jersey	986,278	228,123	119,222	96,801	*12,100	407,554	224,090	67,343	...	350,601
New Mexico	327,117	146,937	106,077	38,740	2,120	136,597	73,910	*11,216	...	43,583
New York	4,151,789	659,871	357,330	190,566	*111,976	2,423,787	987,518	*214,056	...	1,068,131
North Carolina	929,661	367,309	202,953	151,292	*13,064	449,260	340,881	*55,871	...	113,092
North Dakota	130,182	*10,055	*2,414	*7,454	...	118,169	14,111	...	...	*1,958
Ohio	738,806	87,066	37,548	45,488	...	457,027	316,466	*27,284	...	194,714
Oklahoma	474,662	*107,919	*36,629	*43,151	...	281,227	183,186	*18,162	...	*85,516
Oregon	1,697,222	482,241	275,422	196,880	*9,939	1,018,967	231,605	*49,744	...	196,014
Pennsylvania	1,225,236	266,669	203,405	58,372	...	742,934	290,509	*91,338	...	215,632
Rhode Island	200,480	78,920	23,731	20,728	*34,460	92,137	27,199	*3,388	...	29,423
South Carolina	467,253	260,838	196,463	54,740	*9,635	191,288	131,061	*8,955	...	*15,127
South Dakota	166,995	134,082	70,135	54,421	*9,526	30,452	22,878	...	...	*2,461
Tennessee	942,572	498,440	397,766	85,791	*14,883	390,742	216,167	*41,693	...	53,390
Texas	1,823,758	478,080	253,565	196,653	*27,862	919,971	569,830	*45,929	...	425,708
Utah	585,405	295,723	125,937	92,783	*77,003	238,012	83,279	*19,977	...	*51,671
Vermont	288,507	49,506	19,845	26,257	*3,403	113,416	35,452	*6,513	*71,451	125,585
Virginia	958,607	299,762	157,750	129,698	12,313	493,321	334,967	41,842	...	165,524
Washington	3,173,371	506,658	310,010	157,634	39,014	2,386,353	200,718	125,735	...	280,360
West Virginia	325,778	100,326	*47,295	*42,747	...	183,696	104,048	*63,236	...	*41,756
Wisconsin	1,488,857	234,760	144,379	81,894	*8,488	1,080,632	379,430	*70,622	...	173,464
Wyoming	350,256	321,169	157,429	155,218	8,522	22,166	20,113	...	...	*6,920

\* Estimate based on a sample size of 10-29. ... Sample size too small (less than 10) to report data reliably.

<sup>1</sup> Includes expenditures for magazine subscriptions, membership dues and contributions, and land leasing and ownership.

Note: U.S. totals include responses from participants residing in the District of Columbia.

# 2006–2011 Comparison by Region of the Numbers of Anglers, Hunters, and Wildlife Watchers

An examination of the number of hunters, anglers, and wildlife watchers for the past two Surveys (2006 and 2011) finds regional variation for each type of recreation.

- Nationally there was an 11% increase in anglers from 2006 to 2011. This increase is statistically significant at the 5% level.<sup>1</sup> At the regional level the number of anglers increased or stayed the same in all Regions. The biggest increase, 37%, was in the Middle Atlantic Region. The number of anglers did not change significantly in the West North Central, South Atlantic, and East South Central Regions.
- The 9% increase in hunters nationwide from 2006 to 2011 was statistically significant at the 5% level. The region with the biggest increase in hunters was the East South Central Region, with a 39% increase. Regions with no statistically significant change in hunters were the Middle Atlantic, West North Central, South Atlantic, and West South Central.

<sup>1</sup> The 5% level of significance means that for 95% of all possible samples, the estimate for 2006 can be shown to be different from the estimate for 2011. This is determined by calculating the 95% confidence intervals around the 2006 estimate and the 2011 estimate and seeing if they overlap. If they do, we cannot say that the two estimates are different, since it would be possible to arrive at the same estimate for the two years.



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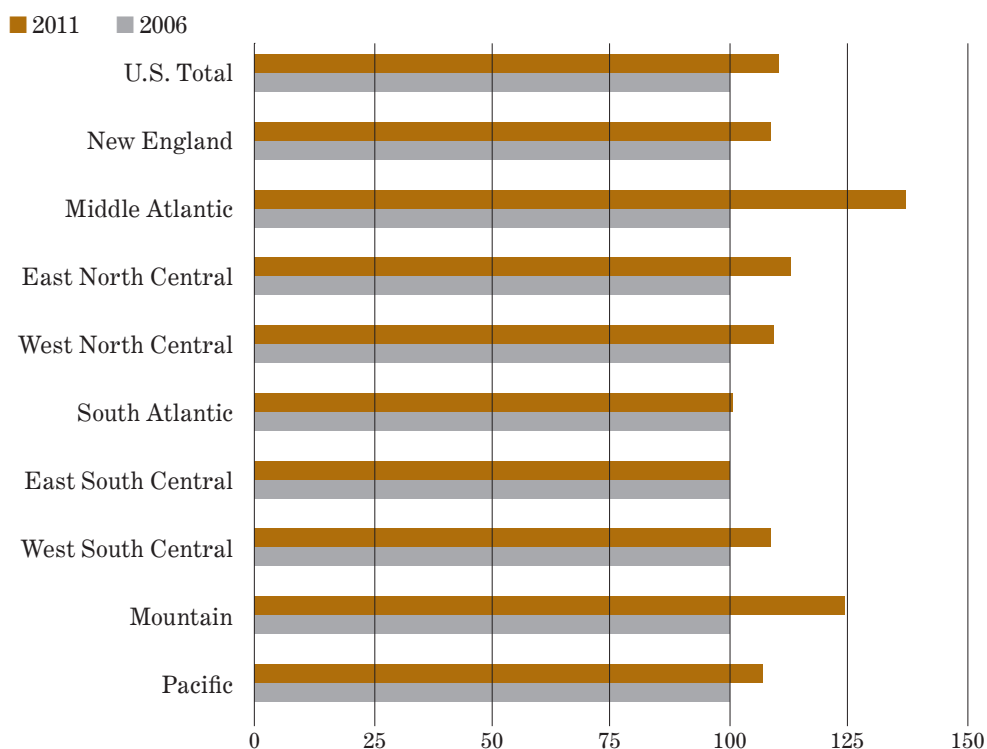
- Nationally the number of people participating in around-the-home wildlife watching did not significantly change from 2006 to 2011. Three Regions had significant changes: West South Central with a 12% increase, New England with a 10% decrease, and West North Central with a 19% decrease.
- Away-from-home wildlife watching participation did not change nationally from 2006 to 2011. Regionally two areas, South Atlantic and Mountain, increased (37% and 11%, respectively) and the rest stayed level or decreased. The Region with the biggest decrease was the West South Central, at –19%.





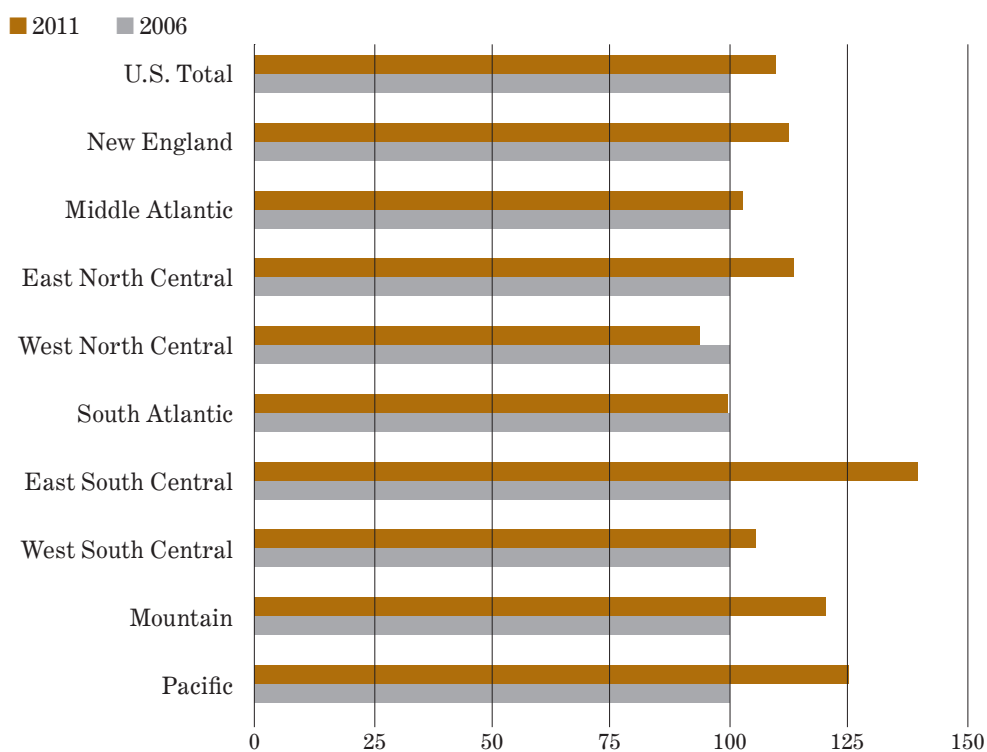
### Fishing: Indices of Participants by State of Residence

(Indices simplify comparisons among the wildlife-related recreation activities. 2006's estimates are indexed at 100. The 2011 index is calculated by dividing that year's estimates by the 2006 estimates.)



### Hunting: Indices of Participants by State of Residence

(Indices simplify comparisons among the wildlife-related recreation activities. 2006's estimates are indexed at 100. The 2011 index is calculated by dividing that year's estimates by the 2006 estimates.)

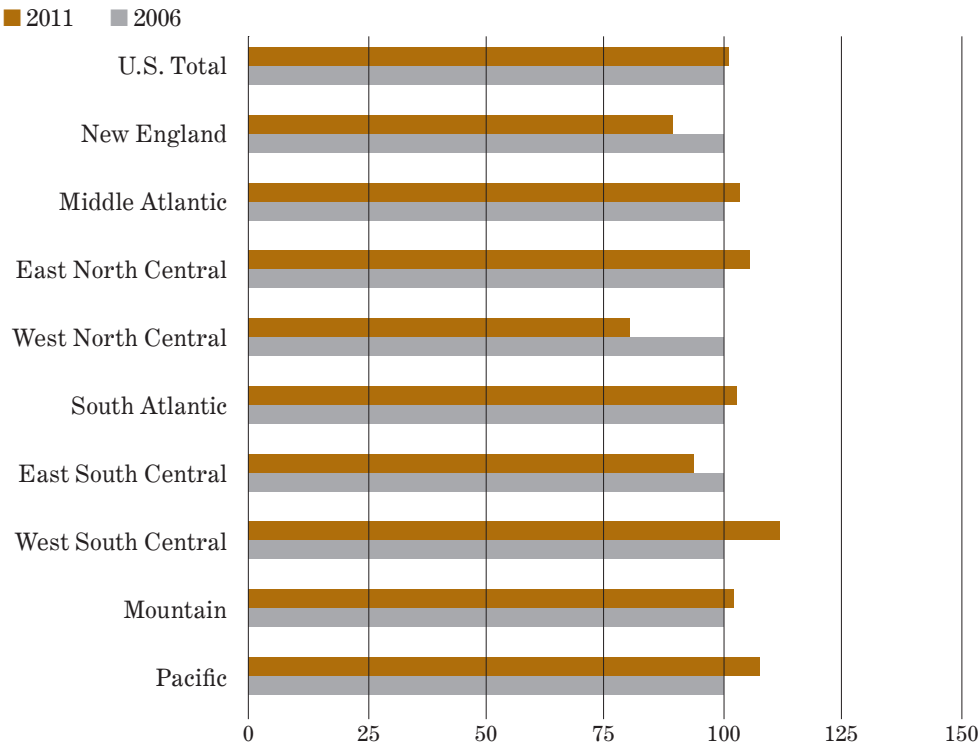




**Wildlife Watching: Indices of Participants by State of Residence**

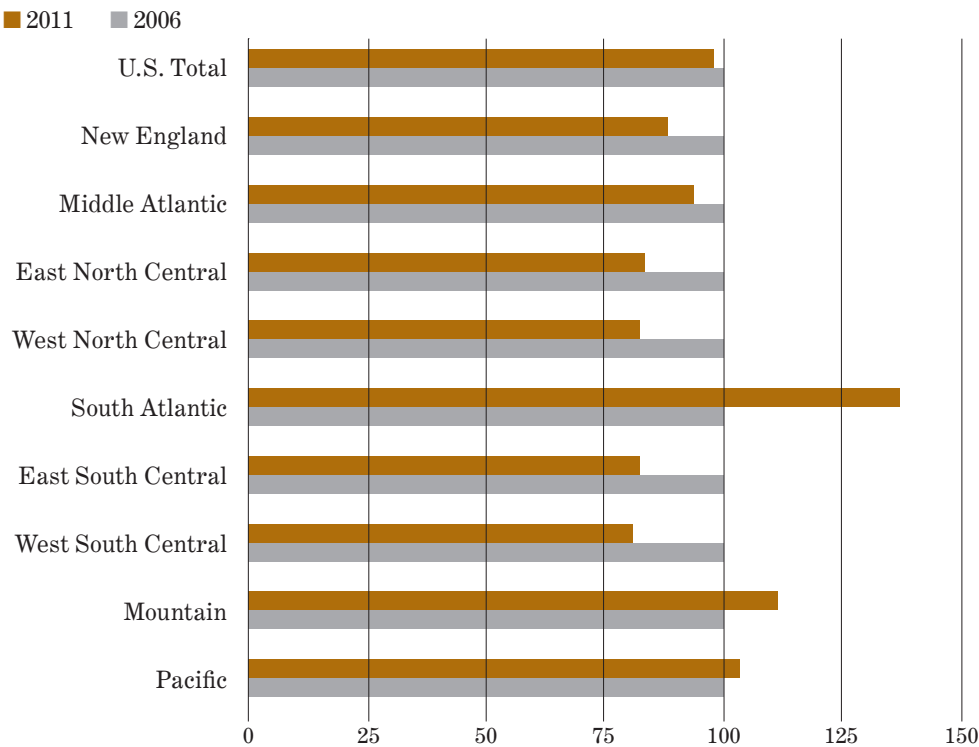
*(Indices simplify comparisons among the wildlife-related recreation activities. 2006's estimates are indexed at 100. The 2011 index is calculated by dividing that year's estimates by the 2006 estimates.)*

**Around-the-Home**



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**Away-from-Home**



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# Conclusion

The participation of Americans in wildlife-related recreation is extensive and increasing, from 87.5 million in 2006 to 91.1 million in 2011. At the state level 28 States had increases in the number of wildlife-related recreationists from 2006 to 2011, with the biggest percentage increases in Alaska (47%) and Louisiana (40%).

The 2006–2011 increase in wildlife-related recreation has not been reflected equally for sportspersons and wildlife watchers. 39% of wildlife-related recreationists in 2006 were sportspersons and 81% were wildlife watchers (the percentages do not add to 100 because of the people who were both sportspersons and wildlife watchers). In 2011 42% of wildlife-related recreationists were sportspersons and 80% were wildlife watchers. Wildlife watchers have roughly maintained their proportion in the overall increase of wildlife-related recreation, but sportspersons have increased their proportion.

The number of participants is not the only measure of the relative impact of sportspersons and wildlife watchers. Examination of expenditures shows that while sportspersons are a smaller proportion of all recreationists, they spend almost twice as much in total as wildlife watchers. About two-thirds of all wildlife-related recreation expenditures have been for hunting and/or fishing in 2006 (63%) and 2011 (62%).

These preliminary Regional and State-level estimates illustrate the continued importance and impact of fish and wildlife resources to each State, region, and the nation as a whole. The table below lists the States with the highest levels of activity for the different types of wildlife-related recreation.



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## Most Participants In-State

### *In-State Hunters*

1. Texas – 1,147,000
2. Wisconsin – 895,000
3. New York – 823,000
4. Pennsylvania – 775,000
5. Missouri – 576,000

### *In-State Anglers*

1. Florida – 3,092,000
2. Texas – 2,246,000
3. New York – 1,882,000
4. Michigan – 1,744,000
5. California – 1,674,000

### *In-State Wildlife Watchers*

1. California – 6,733,000
2. Texas – 4,376,000
3. Florida – 4,308,000
4. New York – 4,239,000
5. Pennsylvania – 3,598,000

## Highest Participation Rates

### *Hunting*

1. South Dakota – 21%
2. Alaska, Mississippi – 20%
3. Wyoming, – 18%
4. Wisconsin – 17%
5. Arkansas, Idaho, Montana, Vermont, West Virginia – 14%

### *Fishing*

1. Alaska – 40%
2. Minnesota – 32%
3. Mississippi, Wyoming – 27%
4. Oklahoma, South Dakota – 26%
5. Idaho, Montana – 25%

### *Wildlife Watching*

1. Vermont – 53%
2. West Virginia – 51%
3. Wisconsin – 48%
4. Alaska – 47%
5. Oklahoma – 44%



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