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# Guide to Statistical Tables

## Purpose and Coverage of Tables

The statistical tables of this report were designed to meet a wide range of needs of those interested in knowing about wildlife-associated recreation. Special terms used in these tables are defined in appendix A.

The tables are based on responses to the 1991 Survey which was designed to collect data about participation in wildlife-associated recreation. To take part in the Survey a respondent must have been a U.S. resident (a resident of one of the fifty states or the District of Columbia). No one residing outside the United States (including U.S. citizens) was eligible for interviewing. Therefore, reported state and national totals do not include participation by those who were not U.S. residents or who were residing outside the United States. When participation in Canada by U.S. residents is being reported, it is noted in the table titles or footnotes.

## Comparability With Previous Surveys

The methodology for the 1991 Survey was changed to improve accuracy. As a result, the data estimates presented in the following tables for participation and expenditures should not be compared with similar estimates from previous National Surveys. An explanation of the differences between the 1991 Survey and the 1980 and 1985 Surveys is presented in the Survey Background and Method section. Trends information is provided in appendix B.

## Coverage of an Individual Table

Since the Survey covers many activities in various places by participants of different ages, all table titles, headnotes, stubs, and footnotes are designed to identify and articulate each item being reported in the table. For example, the title of table 1 shows that data about anglers and hunters, their days of participation, and number of trips are being reported by type of activity. By contrast, the title of table 2 indicates that it contains data on U.S. anglers and hunters who fished and hunted in Canada.

## Percentages Reported in the Tables

Percentages are reported in the tables for the convenience of the user. When exclusive groups are being reported, the base of a percentage is apparent from its context because the percents add to 100 percent (plus or minus a rounding error). For example, table 1 reports the number of trips taken by big game hunters (49 percent), those taken by small game hunters (34 percent), those taken by migratory bird hunters (9 percent), and those taken by sportsmen hunting other animals (8 percent). These form 100 percent because they are exclusive categories.

Per cent should not add to 100 when non-exclusive groups are being reported. Using table 1 as an example again, note that adding the percentages associated with total number of big game hunters (76 percent), total small game hunters (54 percent), total migratory bird

hunters (21 percent), and total hunters of other animals (10 percent) will not yield total hunters (100 percent) because types of game are not exclusive categories.

When the base of the percentage may not be apparent in context, it is identified in a footnote. For example, table 7 reports 3 percentages with different bases: one for the number of hunters, one for the number of trips, and one for days of hunting. Footnotes are used to clarify the bases of the reported percentages.

### Footnotes to the Tables

Footnotes are used to clarify the information or items that are being reported in a table. Symbols in the body of a table indicate important footnotes. These symbols are used in the tables to refer to the same footnote each time they appear:

- \* Estimate based on a small sample size.
- ... Sample size too small to report data reliably.

W Less than .5 dollars.

Z Less than .5 percent.

X Not applicable.

Estimates based upon fewer than ten responses are regarded as being based on a sample size that is too small for reliable reporting. An estimate based upon at least ten but fewer than thirty responses is treated as an estimate based on a small sample size. Other footnotes appear, as necessary, to qualify or clarify the estimates reported in the tables.

In addition, these two important footnotes appear frequently:

- Detail does not add to total because of multiple responses.
- Detail does not add to total because of multiple responses and nonresponses.

“Multiple responses” is a term used to reflect the fact that individuals or their characteristics fall into more than one category. Using table 3 as an example, those who fished in saltwater and freshwater appear in both of these totals. Yet

each angler is represented only once in the “Total, all fishing” row. Similarly, those who hunt for big game and small game are counted only once as a hunter. Therefore, totals may be smaller than the sum of subcategories when multiple responses exist.

“Nonresponse” exists because the Survey questions were answered voluntarily. Some respondents did not answer all of the questions. The effect of nonresponses may be illustrated by table 15, where the reported total for fishing and hunting expenditures is greater than the sum of reported fishing expenditures plus reported hunting expenditures. This occurs because some respondents did not respond to the questions about the primary purpose of their expenditures. As a result, it is known that the expenditures were for fishing or hunting, but it is not known whether they were for fishing or whether they were for hunting. Totals are greater than the sum of subcategories when nonresponses have occurred.

**Table 1. Anglers and Hunters 16 Years Old and Older, Days of Participation, and Trips, by Type of Fishing and Hunting: 1991**

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

Type of fishing and hunting	Participants		Days of participation		Trips	
	Number	Percent	Number	Percent	Number	Percent
<b>Total sportsmen</b> .....	39,979	100	747,135	100	668,327	100
<b>Fishing</b>						
<b>Total, all fishing</b> .....	35,578	100	511,329	100	453,951	100
Total, all freshwater.....	31,041	87	439,536	86	389,843	86
Freshwater, except Great Lakes .....	30,186	85	430,922	84	369,344	81
Great Lakes .....	2,552	7	25,335	5	20,499	5
Saltwater.....	8,885	25	74,696	15	64,108	14
<b>Hunting</b>						
<b>Total, all hunting</b> .....	14,063	100	235,806	100	214,375	100
Big game.....	10,745	76	128,411	54	104,224	49
Small game.....	7,642	54	77,132	33	72,487	34
Migratory bird.....	3,009	21	22,235	9	19,537	9
Other animals.....	1,411	10	19,340	8	18,127	8

Note: Detail does not add to total because of multiple responses.

**Table 2. Participation in Canada by U.S. Anglers and Hunters: 1991**

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

Participants and activity	Total, fishing and hunting		Fishing		Hunting	
	Number	Percent	Number	Percent	Number	Percent
Participants.....	893	100	862	97	38	4
Days of participation.....	5,867	100	5,663	97	203	3
Trips.....	1,754	100	1,704	97	50	3
Trip expenditures.....	\$426,145	100	\$392,257	92	\$33,888	8

Note: Detail for participants does not add to total because of multiple responses.

**Table 3. Anglers, Trips, and Days of Fishing, by Type of Fishing: 1991**

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

Anglers, trips, and days of fishing	Total, all fishing	Type of fishing								Saltwater	
		Freshwater				Great Lakes					
		Total, all freshwater		Freshwater, except Great Lakes		Great Lakes					
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Anglers</b>											
Total in U.S. ....	35,578	100	31,041	100	30,186	100	2,552	100	8,885	100	
In state of residence .....	32,281	91	28,471	92	27,655	92	2,121	76	6,757	83	
In other states .....	8,442	24	6,426	21	6,038	20	585	29	2,618	23	
<b>Trips</b>											
Total in U.S. ....	453,951	100	389,843	100	369,344	100	20,499	100	64,108	100	
1 day trips .....	398,081	88	342,438	88	324,870	88	17,568	87	55,643	86	
2 or more day trips .....	55,870	12	47,404	12	44,473	12	2,931	13	8,466	14	
<b>Days of fishing</b>											
Total days in U.S. ....	511,329	100	439,536	100	430,922	100	25,335	100	74,696	100	
Days in state of residence.....	451,418	88	391,332	89	380,563	88	21,477	83	62,298	85	
Days in other states .....	59,870	12	48,199	11	50,352	12	3,852	17	12,362	15	
Average days per angler .....	14	(X)	14	(X)	14	(X)	10	(X)	8	(X)	

Note: Detail for participants does not add to total because of multiple responses. Percents shown for anglers, trips and days of fishing are based on the respective "Total in U.S." rows.

(X) Not applicable.

**Table 4. Freshwater Anglers and Days of Fishing, by Type of Fish: 1991**

(Population 16 years old and older. Numbers in thousands. Excludes Great Lakes fishing)

Type of fish	Anglers		Days of fishing		Average days per angler
	Number	Percent	Number	Percent	
<b>Total, all types of fish</b> .....	30,186	100	430,922	100	14
Black bass (largemouth, smallmouth, etc.) .....	12,857	43	158,226	37	12
White bass, striped bass and striped bass hybrids .....	6,408	21	63,181	15	10
Panfish .....	10,149	34	102,184	24	10
Crappie .....	8,327	28	90,940	21	11
Catfish and bullheads .....	9,195	30	96,451	22	10
Walleye and sauger .....	3,278	11	37,302	9	11
Northern pike, pickerel, muskie and muskie hybrids .....	2,693	9	29,327	7	11
Trout .....	9,107	30	81,366	19	9
Salmon .....	989	3	8,548	2	9
Steelhead .....	493	2	4,025	1	8
Anything <sup>1</sup> .....	4,984	17	37,744	9	8
Other freshwater fish .....	2,550	8	21,452	5	8

Note: Detail does not add to total because of multiple responses.

<sup>1</sup> Respondent identified "Anything" from a list of categories of fish.

**Table 5. Great Lakes Anglers and Days of Fishing, by Type of Fish: 1991**

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

Type of fish	Anglers		Days of fishing		Average days per angler
	Number	Percent	Number	Percent	
Total, all types of fish .....	2,552	100	25,335	100	10
Black bass (largemouth, smallmouth, etc.) .....	526	21	4,369	17	8
Walleye and sauger .....	1,028	40	9,489	37	9
Northern pike, pickerel, muskie and muskie hybrids .....	213	8	2,318	9	11
Perch .....	983	39	8,170	32	8
Salmon .....	721	28	4,622	18	6
Steelhead .....	289	11	2,444	10	8
Lake trout .....	482	19	2,980	12	6
Other trout .....	276	11	2,280	9	8
Anything <sup>1</sup> .....	371	15	2,814	11	8
Other Great Lakes fish .....	314	12	2,086	8	7

Note: Detail does not add to total because of multiple responses.

<sup>1</sup> Respondent identified "Anything" from a list of categories of fish.**Table 6. Saltwater Anglers and Days of Fishing, by Type of Fish: 1991**

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

Type of fish	Anglers		Days of fishing		Average days per angler
	Number	Percent	Number	Percent	
Total, all types of fish .....	8,885	100	74,696	100	8
Salmon .....	783	9	4,590	6	6
Striped bass .....	1,117	13	7,639	10	7
Flatfish, flounder, halibut .....	2,302	26	16,170	22	7
Bluefish .....	1,915	22	12,147	16	6
Lingcod, rockcod .....	683	8	3,220	4	5
Seatrout .....	1,314	15	12,618	17	10
Sturgeon .....	*75	*1	*531	*1	*7
Mackerel .....	881	10	5,488	7	6
Billfish (marlin, swordfish, sailfish, spearfish) .....	322	4	2,052	3	6
Anything <sup>1</sup> .....	2,831	32	17,861	24	6
Other saltwater fish .....	4,279	48	32,368	43	8

Note: Detail does not add to total because of multiple responses.

<sup>1</sup> Respondent identified "Anything" from a list of categories of fish.

\* Estimate based on a small sample size.

**Table 7. Hunters, Trips, and Days of Hunting, by Type of Hunting: 1991**

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

Hunters, trips, and days of hunting			Type of hunting									
	Total, all hunting		Big game		Small game		Migratory bird		Other animals			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Hunters</b>												
Total in U.S. ....	14,063	100	10,745	100	7,642	100	3,009	100	1,411	100		
In state of residence .....	13,370	95	10,167	95	7,215	94	2,861	95	1,321	94		
In other states .....	1,826	13	1,241	12	746	10	256	9	131	9		
<b>Trips</b>												
Total in U.S. ....	214,375	100	104,224	100	72,487	100	19,537	100	18,127	100		
1 day trips .....	191,466	89	88,504	85	67,728	93	18,006	92	17,228	95		
2 or more day trips .....	22,909	11	15,720	15	4,759	7	1,531	8	899	5		
<b>Days of hunting</b>												
Total days in U.S. ....	235,806	100	128,411	100	77,132	100	22,235	100	19,340	100		
Days in state of residence.....	220,125	93	118,338	92	72,824	94	20,908	94	18,102	94		
Days in other states .....	15,681	7	10,072	8	4,308	6	1,327	6	1,237	6		
Average days per hunter .....	17	(X)	12	(X)	10	(X)	7	(X)	14	(X)		

Note: Detail does not add to total because of multiple responses. Percents shown for hunters, trips, and days of hunting are based on the respective "Total in U.S." rows.

(X) Not applicable.

**Table 8. Big Game Hunters and Days of Hunting, by Type of Game: 1991**

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

Type of game	Hunters		Days of hunting		Average days per hunter
	Number	Percent	Number	Percent	
<b>Total, all big game</b> .....	10,745	100	128,411	100	12
Deer .....	10,277	96	112,853	88	11
Elk .....	682	6	5,048	4	7
Bear.....	368	3	2,882	2	8
Wild turkey.....	1,720	16	13,483	10	8
Other.....	404	4	3,235	3	8

Note: Detail does not add to total because of multiple responses.

**Table 9. Small Game Hunters and Days of Hunting, by Type of Game: 1991**

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

Type of game	Hunters		Days of hunting		Average days per hunter
	Number	Percent	Number	Percent	
Total, all small game .....	7,642	100	77,132	100	10
Rabbits, hares .....	3,980	52	35,624	46	9
Quail .....	1,694	22	13,511	18	8
Grouse/prairie chicken .....	1,375	18	10,629	14	8
Squirrels .....	3,569	47	29,602	38	8
Pheasant .....	2,285	30	16,136	21	7
Other .....	823	11	6,824	9	8

Note: Detail does not add to total because of multiple responses.

**Table 10. Migratory Bird Hunters and Days of Hunting, by Type of Game: 1991**

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

Type of game	Hunters		Days of hunting		Average days per hunter
	Number	Percent	Number	Percent	
Total, all migratory birds .....	3,009	100	22,235	100	7
Geese .....	882	29	6,584	30	7
Ducks .....	1,164	39	8,800	40	8
Doves .....	1,851	61	9,480	43	5
Other .....	259	9	1,667	7	6

Note: Detail does not add to total because of multiple responses.

**Table 11. Hunters of Other Animals and Days of Hunting, by Type of Game: 1991**

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

Type of game	Hunters		Days of hunting		Average days per hunter
	Number	Percent	Number	Percent	
Total, all other animals .....	1,411	100	19,340	100	14
Groundhog (woodchuck) .....	471	33	4,851	25	10
Raccoon .....	408	29	7,196	37	18
Fox .....	204	14	2,157	11	11
Coyote .....	427	30	4,482	23	10
Other .....	312	22	3,238	17	10

Note: Detail does not add to total because of multiple responses.

**Table 12. Selected Characteristics of Anglers and Hunters: 1991**

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

Characteristic	U.S. population		Sportsmen (fished or hunted)			Fished only		
	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons.</b>	189,964	100	39,979	21	100	25,916	14	100
<b>Population density of residence</b>								
Urban	138,191	73	24,378	18	61	17,747	13	68
Rural	51,773	27	15,602	30	39	8,169	16	32
<b>Population size of residence</b>								
MSA	147,339	78	27,328	19	68	19,460	13	75
1,000,000 or more	81,346	43	12,515	15	31	9,444	12	36
250,000 - 999,999	45,601	24	9,667	21	24	6,755	15	26
50,000 - 249,999	20,392	11	5,146	25	13	3,261	16	13
Outside MSA	42,625	22	12,652	30	32	6,456	15	25
<b>Census geographic division</b>								
New England	10,180	5	1,658	16	4	1,214	12	5
Middle Atlantic	29,216	15	4,508	15	11	2,763	9	11
East North Central	32,188	17	7,202	22	18	4,412	14	17
West North Central	13,504	7	4,143	31	10	2,434	18	9
South Atlantic	33,682	18	6,996	21	17	4,913	15	19
East South Central	11,667	6	2,984	26	7	1,705	15	7
West South Central	19,926	10	5,125	26	13	3,281	16	13
Mountain	10,092	5	2,488	25	6	1,419	14	5
Pacific	29,508	16	4,875	17	12	3,774	13	15
<b>Age</b>								
Total	189,964	100	39,979	21	100	25,916	14	100
16 to 17 years	6,530	3	1,669	26	4	1,007	15	4
18 to 24 years	23,023	12	5,245	23	13	3,229	14	12
25 to 34 years	42,931	23	11,046	26	28	7,115	17	27
35 to 44 years	38,341	20	9,553	25	24	6,185	16	24
45 to 54 years	27,021	14	5,658	21	14	3,585	13	14
55 to 64 years	21,085	11	3,682	17	9	2,505	12	10
65 years and older	31,032	16	3,127	10	8	2,290	7	9
<b>Sex</b>								
Male, total	90,369	48	29,705	33	74	16,710	18	64
16 to 17 years	3,385	2	1,348	40	3	715	21	3
18 to 24 years	11,365	6	3,865	34	10	2,023	18	8
25 to 34 years	20,791	11	8,023	39	20	4,413	21	17
35 to 44 years	18,590	10	7,050	38	18	3,938	21	15
45 to 54 years	13,289	7	4,222	32	11	2,297	17	9
55 to 64 years	9,933	5	2,834	29	7	1,732	17	7
65 years and older	13,017	7	2,365	18	6	1,592	12	6
Female, total	99,595	52	10,274	10	26	9,206	9	36
16 to 17 years	3,145	2	321	10	1	291	9	1
18 to 24 years	11,659	6	1,380	12	3	1,206	10	5
25 to 34 years	22,140	12	3,023	14	8	2,703	12	10
35 to 44 years	19,751	10	2,503	13	6	2,246	11	9
45 to 54 years	13,732	7	1,436	10	4	1,288	9	5
55 to 64 years	11,153	6	849	8	2	774	7	3
65 years and older	18,015	9	762	4	2	698	4	3
<b>Race</b>								
White	162,367	85	37,026	23	93	23,454	14	90
Black	18,395	10	1,883	10	5	1,589	9	6
All others	9,202	5	1,071	12	3	874	9	3
<b>Annual household income</b>								
Under \$10,000	18,585	10	2,228	12	6	1,555	8	6
\$10,000 to \$19,999	29,864	16	5,296	18	13	3,466	12	13
\$20,000 to \$24,999	15,188	8	3,302	22	8	1,980	13	8
\$25,000 to \$29,999	18,727	10	4,229	23	11	2,627	14	10
\$30,000 to \$49,999	42,689	22	11,626	27	29	7,336	17	28
\$50,000 to \$74,999	24,448	13	6,473	26	16	4,414	18	17
\$75,000 or more	13,579	7	3,121	23	8	2,174	16	8
Not reported	26,884	14	3,705	14	9	2,364	9	9
<b>Education</b>								
8 years or less	14,311	8	1,786	12	4	1,190	8	5
9 - 11 years	21,595	11	4,730	22	12	2,995	14	12
12 years	77,293	41	16,140	21	40	9,890	13	38
1 - 3 years college	36,725	19	8,638	24	22	5,742	16	22
4 years college	22,920	12	5,132	22	13	3,565	16	14
5 or more years college	17,120	9	3,554	21	9	2,533	15	10

(continued)

**Table 12. Selected Characteristics of Anglers and Hunters: 1991—Continued**

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

Characteristic	Hunted only			Fished and hunted		
	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons</b> .....	4,402	2	100	9,662	5	100
<b>Population density of residence</b>						
Urban.....	2,010	1	46	4,621	3	48
Rural.....	2,392	5	54	5,040	10	52
<b>Population size of residence</b>						
MSA.....	2,451	2	56	5,417	4	56
1,000,000 or more .....	988	1	22	2,084	3	22
250,000 - 999,999.....	863	2	20	2,048	4	21
50,000 - 249,999.....	601	3	14	1,285	6	13
Outside MSA.....	1,951	5	44	4,245	10	44
<b>Census geographic division</b>						
New England.....	114	1	3	330	3	3
Middle Atlantic.....	638	2	14	1,108	4	11
East North Central.....	937	3	21	1,852	6	19
West North Central.....	496	4	11	1,213	9	13
South Atlantic.....	555	2	13	1,528	5	16
East South Central.....	349	3	8	930	8	10
West South Central.....	533	3	12	1,311	7	14
Mountain.....	409	4	9	660	7	7
Pacific.....	370	1	8	730	2	8
<b>Age</b>						
Total.....	4,402	2	100	9,662	5	100
16 to 17 years.....	188	3	4	474	7	5
18 to 24 years.....	652	3	15	1,364	6	14
25 to 34 years.....	1,117	3	25	2,813	7	29
35 to 44 years.....	969	3	22	2,399	6	25
45 to 54 years.....	764	3	17	1,309	5	14
55 to 64 years.....	411	2	9	765	4	8
65 years and older.....	300	1	7	537	2	6
<b>Sex</b>						
Male, total.....	3,995	4	91	9,000	10	93
16 to 17 years.....	175	5	4	457	13	5
18 to 24 years.....	587	5	13	1,255	11	13
25 to 34 years.....	990	5	22	2,620	13	27
35 to 44 years.....	877	5	20	2,234	12	23
45 to 54 years.....	708	5	16	1,216	9	13
55 to 64 years.....	382	4	9	720	7	7
65 years and older.....	274	2	6	498	4	5
Female, total.....	407	(Z)	9	661	1	7
16 to 17 years.....	...	...	...	*17	*1	(Z)
18 to 24 years.....	65	1	1	109	1	1
25 to 34 years.....	127	1	3	193	1	2
35 to 44 years.....	92	(Z)	2	165	1	2
45 to 54 years.....	56	(Z)	1	93	1	1
55 to 64 years.....	30	(Z)	1	45	(Z)	(Z)
65 years and older.....	...	...	...	*39	*(Z)	(Z)
<b>Race</b>						
White.....	4,250	3	97	9,323	6	96
Black.....	73	(Z)	2	221	1	2
All others.....	79	1	2	118	1	1
<b>Annual household income</b>						
Under \$10,000.....	247	1	6	426	2	4
\$10,000 to \$19,999.....	619	2	14	1,210	4	13
\$20,000 to \$24,999.....	409	3	9	913	6	9
\$25,000 to \$29,999.....	472	3	11	1,130	6	12
\$30,000 to \$49,999.....	1,278	3	29	3,012	7	31
\$50,000 to \$74,999.....	605	2	14	1,455	6	15
\$75,000 or more.....	284	2	6	663	5	7
Not reported.....	488	2	11	853	3	9
<b>Education</b>						
8 years or less.....	269	2	6	326	2	3
9 - 11 years.....	544	3	12	1,190	6	12
12 years.....	1,924	2	44	4,325	6	45
1 - 3 years college.....	937	3	21	1,958	5	20
4 years college.....	413	2	9	1,155	5	12
5 or more years college.....	314	2	7	707	4	7

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who fished only, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of those who fished only who lived in urban areas, etc.).

\* Estimate based on a small sample size.

.. Sample size too small to report data reliably.

(Z) Less than 0.5 percent.

**Table 13. Selected Characteristics of Anglers, by Type of Fishing: 1991**

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

Characteristic	U.S. population		Total, all fishing		Freshwater			
					Total			
	Number	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent
<b>Total persons</b> .....	189,964	100	35,578	19	100	31,041	16	100
<b>Population density of residence</b>								
Urban.....	138,191	73	22,368	16	63	18,890	14	61
Rural .....	51,773	27	13,210	26	37	12,151	23	39
<b>Population size of residence</b>								
MSA.....	147,339	78	24,877	17	70	20,966	14	68
1,000,000 or more .....	81,346	43	11,527	14	32	9,551	12	31
250,000 to 999,999.....	45,601	24	8,804	19	25	7,530	17	24
50,000 to 249,999.....	20,392	11	4,546	22	13	3,886	19	13
Outside MSA .....	42,625	22	10,701	25	30	10,075	24	32
<b>Census geographic division</b>								
New England .....	10,180	5	1,545	15	4	1,188	12	4
Middle Atlantic.....	29,216	15	3,871	13	11	3,008	10	10
East North Central .....	32,188	17	6,264	19	18	6,191	19	20
West North Central.....	13,504	7	3,647	27	10	3,633	27	12
South Atlantic.....	33,682	18	6,441	19	18	4,887	15	16
East South Central .....	11,667	6	2,635	23	7	2,509	22	8
West South Central .....	19,926	10	4,592	23	13	4,039	20	13
Mountain .....	10,092	5	2,079	21	6	2,030	20	7
Pacific .....	29,508	16	4,505	15	13	3,556	12	11
<b>Age</b>								
Total.....	189,964	100	35,578	19	100	31,041	16	100
16 to 17 years.....	6,530	3	1,481	23	4	1,346	21	4
18 to 24 years.....	23,023	12	4,593	20	13	4,110	18	13
25 to 34 years.....	42,931	23	9,929	23	28	8,707	20	28
35 to 44 years.....	38,341	20	8,584	22	24	7,459	19	24
45 to 54 years.....	27,021	14	4,894	18	14	4,215	16	14
55 to 64 years.....	21,085	11	3,271	16	9	2,845	13	9
65 years and older.....	31,032	16	2,827	9	8	2,360	8	8
<b>Sex</b>								
Male.....	90,369	48	25,711	28	72	22,670	25	73
Female .....	99,595	52	9,867	10	28	8,371	8	27
<b>Race</b>								
White.....	162,367	85	32,776	20	92	28,727	18	93
Black .....	18,395	10	1,810	10	5	1,583	9	5
All others.....	9,202	5	992	11	3	732	8	2
<b>Annual household income</b>								
Under \$10,000.....	18,585	10	1,981	11	6	1,839	10	6
\$10,000 to \$19,999.....	29,864	16	4,677	16	13	4,286	14	14
\$20,000 to \$24,999.....	15,188	8	2,893	19	8	2,636	17	8
\$25,000 to \$29,999.....	18,727	10	3,757	20	11	3,309	18	11
\$30,000 to \$49,999.....	42,689	22	10,348	24	29	9,072	21	29
\$50,000 to \$74,999.....	24,448	13	5,868	24	16	4,874	20	16
\$75,000 or more .....	13,579	7	2,837	21	8	2,274	17	7
Not reported.....	26,884	14	3,217	12	9	2,751	10	9
<b>Education</b>								
8 years or less.....	14,311	8	1,517	11	4	1,391	10	4
9 - 11 years .....	21,595	11	4,186	19	12	3,789	18	12
12 years .....	77,293	41	14,216	18	40	12,559	16	40
1 - 3 years college .....	36,725	19	7,700	21	22	6,751	18	22
4 years college .....	22,920	12	4,720	21	13	3,887	17	13
5 or more years college.....	17,120	9	3,240	19	9	2,665	16	9

(continued)

**Table 13. Selected Characteristics of Anglers, by Type of Fishing: 1991—Continued**

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

Characteristic	Freshwater						Saltwater		
	Freshwater, except Great Lakes			Great Lakes					
	Number	Percent who participated	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons</b> .....	30,186	16	100	2,552	1	100	8,885	5	100
<b>Population density of residence</b>									
Urban.....	18,219	13	60	1,804	1	71	6,570	5	74
Rural .....	11,967	23	40	747	1	29	2,314	4	26
<b>Population size of residence</b>									
MSA.....	20,248	14	67	2,086	1	82	7,474	5	84
1,000,000 or more .....	9,113	11	30	1,086	1	43	3,679	5	41
250,000 to 999,999 .....	7,340	16	24	738	2	29	2,481	5	28
50,000 to 249,999.....	3,794	19	13	263	1	10	1,314	6	15
Outside MSA .....	9,938	23	33	465	1	18	1,411	3	16
<b>Census geographic division</b>									
New England .....	1,186	12	4	30	(Z)	1	702	7	8
Middle Atlantic.....	2,820	10	9	523	2	20	1,446	5	16
East North Central .....	5,553	17	18	1,833	6	72	307	1	3
West North Central.....	3,626	27	12	79	1	3	71	1	1
South Atlantic .....	4,882	14	16	45	(Z)	2	2,916	9	33
East South Central.....	2,503	21	8	*16	*(Z)	*1	328	3	4
West South Central .....	4,039	20	13	...	...	...	1,053	5	12
Mountain.....	2,025	20	7	*13	*(Z)	*(Z)	129	1	1
Pacific .....	3,552	12	12	...	...	...	1,932	7	22
<b>Age</b>									
Total.....	30,186	16	100	2,552	1	100	8,885	5	100
16 to 17 years.....	1,285	20	4	110	2	4	319	5	4
18 to 24 years.....	3,989	17	13	311	1	12	1,075	5	12
25 to 34 years.....	8,521	20	28	689	2	27	2,465	6	28
35 to 44 years.....	7,303	19	24	623	2	24	2,233	6	25
45 to 54 years.....	4,067	15	13	406	2	16	1,370	5	15
55 to 64 years.....	2,778	13	9	199	1	8	722	3	8
65 years and older .....	2,243	7	7	215	1	8	700	2	8
<b>Sex</b>									
Male.....	22,041	24	73	2,085	2	82	6,628	7	75
Female .....	8,145	8	27	467	(Z)	18	2,257	2	25
<b>Race</b>									
White.....	27,922	17	93	2,396	1	94	8,006	5	90
Black .....	1,550	8	5	109	1	4	441	2	5
All others.....	714	8	2	*47	*1	*2	438	5	5
<b>Annual household income</b>									
Under \$10,000.....	1,795	10	6	98	1	4	295	2	3
\$10,000 to \$19,999 .....	4,198	14	14	275	1	11	914	3	10
\$20,000 to \$24,999 .....	2,573	17	9	178	1	7	544	4	6
\$25,000 to \$29,999 .....	3,250	17	11	193	1	8	797	4	9
\$30,000 to \$49,999 .....	8,793	21	29	790	2	31	2,592	6	29
\$50,000 to \$74,999 .....	4,744	19	16	494	2	19	1,868	8	21
\$75,000 or more .....	2,195	16	7	235	2	9	1,077	8	12
Not reported.....	2,638	10	9	288	1	11	798	3	9
<b>Education</b>									
8 years or less.....	1,351	9	4	103	1	4	228	2	3
9 - 11 years .....	3,691	17	12	260	1	10	811	4	9
12 years .....	12,218	16	40	1,033	1	40	3,266	4	37
1 - 3 years college .....	6,507	18	22	640	2	25	2,015	5	23
4 years college .....	3,797	17	13	313	1	12	1,507	7	17
5 or more years college.....	2,622	15	9	204	1	8	1,058	6	12

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who fished in the Great Lakes, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of those who fished in the Great Lakes who lived in urban areas, etc.).

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

(Z) Less than .5 percent.

**Table 14. Selected Characteristics of Hunters, by Type of Hunting: 1991**

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

Characteristic	U.S. population		Total, all hunting		Type of hunting			
					Big game			
	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons</b> .....	189,964	100	14,063	7	100	10,745	6	100
<b>Population density of residence</b>								
Urban.....	138,191	73	6,631	5	47	4,777	3	44
Rural .....	51,773	27	7,432	14	53	5,969	12	56
<b>Population size of residence</b>								
MSA.....	147,339	78	7,868	5	56	5,809	4	54
1,000,000 or more .....	81,346	43	3,071	4	22	2,230	3	21
250,000 - 999,999.....	45,601	24	2,911	6	21	2,105	5	20
50,000 - 249,999.....	20,392	11	1,885	9	13	1,473	7	14
Outside MSA .....	42,625	22	6,195	15	44	4,937	12	46
<b>Census geographic division</b>								
New England .....	10,180	5	444	4	3	391	4	4
Middle Atlantic.....	29,216	15	1,746	6	12	1,587	5	15
East North Central .....	32,188	17	2,789	9	20	2,198	7	20
West North Central.....	13,504	7	1,709	13	12	1,139	8	11
South Atlantic.....	33,682	18	2,083	6	15	1,676	5	16
East South Central.....	11,667	6	1,279	11	9	886	8	8
West South Central .....	19,926	10	1,843	9	13	1,297	7	12
Mountain.....	10,092	5	1,069	11	8	843	8	8
Pacific .....	29,508	16	1,101	4	8	729	2	7
<b>Age</b>								
Total.....	189,964	100	14,063	7	100	10,745	6	100
16 to 17 years.....	6,530	3	662	10	5	434	7	4
18 to 24 years.....	23,023	12	2,016	9	14	1,517	7	14
25 to 34 years.....	42,931	23	3,930	9	28	3,105	7	29
35 to 44 years.....	38,341	20	3,369	9	24	2,616	7	24
45 to 54 years.....	27,021	14	2,073	8	15	1,606	6	15
55 to 64 years.....	21,085	11	1,177	6	8	893	4	8
65 years and older .....	31,032	16	837	3	6	574	2	5
<b>Sex</b>								
Male.....	90,369	48	12,995	14	92	9,920	11	92
Female .....	99,595	52	1,068	1	8	825	1	8
<b>Race</b>								
White.....	162,367	85	13,572	8	97	10,441	6	97
Black .....	18,395	10	294	2	2	170	1	2
All others.....	9,202	5	197	2	1	134	1	1
<b>Annual household income</b>								
Under \$10,000.....	18,585	10	673	4	5	484	3	5
\$10,000 to \$19,999.....	29,864	16	1,830	6	13	1,443	5	13
\$20,000 to \$24,999.....	15,188	8	1,322	9	9	1,064	7	10
\$25,000 to \$29,999.....	18,727	10	1,602	9	11	1,306	7	12
\$30,000 to \$49,999.....	42,689	22	4,289	10	31	3,301	8	31
\$50,000 to \$74,999.....	24,448	13	2,059	8	15	1,541	6	14
\$75,000 or more .....	13,579	7	947	7	7	621	5	6
Not reported.....	26,884	14	1,341	5	10	985	4	9
<b>Education</b>								
8 years or less.....	14,311	8	595	4	4	436	3	4
9 - 11 years .....	21,595	11	1,735	8	12	1,346	6	13
12 years .....	77,293	41	6,250	8	44	5,010	6	47
1 - 3 years college .....	36,725	19	2,896	8	21	2,174	6	20
4 years college .....	22,920	12	1,567	7	11	1,064	5	10
5 or more years college.....	17,120	9	1,020	6	7	716	4	7

(continued)

**Table 14. Selected Characteristics of Hunters, by Type of Hunting: 1991—Continued**

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

Characteristic	Type of hunting								
	Small game			Migratory bird			Other animals		
	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent
<b>Total persons</b> .....	7,642	4	100	3,009	2	100	1,411	1	100
<b>Population density of residence</b>									
Urban.....	3,531	3	46	1,600	1	53	456	(Z)	32
Rural .....	4,111	8	54	1,410	3	47	955	2	68
<b>Population size of residence</b>									
MSA.....	4,161	3	54	1,883	1	63	619	(Z)	44
1,000,000 or more .....	1,533	2	20	757	1	25	187	(Z)	13
250,000 - 999,999 .....	1,653	4	22	666	1	22	271	1	19
50,000 - 249,999.....	975	5	13	461	2	15	160	1	11
Outside MSA .....	3,480	8	46	1,126	3	37	792	2	56
<b>Census geographic division</b>									
New England .....	234	2	3	53	1	2	50	(Z)	4
Middle Atlantic.....	964	3	13	195	1	6	231	1	16
East North Central .....	1,599	5	21	372	1	12	299	1	21
West North Central.....	1,154	9	15	339	3	11	175	1	12
South Atlantic .....	1,098	3	14	451	1	15	208	1	15
East South Central.....	803	7	11	313	3	10	153	1	11
West South Central .....	887	4	12	722	4	24	120	1	8
Mountain.....	431	4	6	212	2	7	90	1	6
Pacific .....	472	2	6	353	1	12	85	(Z)	6
<b>Age</b>									
Total.....	7,642	4	100	3,009	2	100	1,411	1	100
16 to 17 years.....	452	7	6	154	2	5	77	1	5
18 to 24 years.....	1,245	5	16	528	2	18	289	1	20
25 to 34 years.....	2,158	5	28	867	2	29	385	1	27
35 to 44 years.....	1,775	5	23	752	2	25	338	1	24
45 to 54 years.....	1,010	4	13	412	2	14	192	1	14
55 to 64 years.....	555	3	7	182	1	6	85	(Z)	6
65 years and older.....	447	1	6	115	(Z)	4	47	(Z)	3
<b>Sex</b>									
Male.....	7,241	8	95	2,854	3	95	1,313	1	93
Female .....	401	(Z)	5	155	(Z)	5	99	(Z)	7
<b>Race</b>									
White.....	7,306	4	96	2,920	2	97	1,372	1	97
Black .....	235	1	3	40	(Z)	1	*31	*(Z)	*2
All others.....	101	1	1	49	1	2	*8	*(Z)	*1
<b>Annual household income</b>									
Under \$10,000.....	438	2	6	91	(Z)	3	70	(Z)	5
\$10,000 to \$19,999 .....	957	3	13	224	1	7	211	1	15
\$20,000 to \$24,999 .....	674	4	9	258	2	9	146	1	10
\$25,000 to \$29,999 .....	877	5	11	291	2	10	178	1	13
\$30,000 to \$49,999 .....	2,283	5	30	945	2	31	442	1	31
\$50,000 to \$74,999 .....	1,161	5	15	562	2	19	184	1	13
\$75,000 or more .....	513	4	7	376	3	12	79	1	6
Not reported.....	739	3	10	262	1	9	102	(Z)	7
<b>Education</b>									
8 years or less.....	325	2	4	57	(Z)	2	59	(Z)	4
9 - 11 years .....	950	4	12	261	1	9	163	1	12
12 years .....	3,340	4	44	1,094	1	36	649	1	46
1 - 3 years college .....	1,583	4	21	742	2	25	312	1	22
4 years college .....	867	4	11	532	2	18	152	1	11
5 or more years college.....	577	3	8	322	2	11	76	(Z)	5

Note: Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who hunted big game, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of big game hunters who lived in urban areas, etc.).

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

**Table 15. Summary of Expenditures for Fishing and Hunting: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per sportsman (dollars)	Number (thousands)	Percent of sportsmen	Average per spender (dollars)
<b>Total, all items</b> .....	40,923,429	1,024	39,191	98	1,044
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	15,288,354	382	37,889	95	404
<b>Food and lodging, total</b> .....	6,777,500	170	33,626	84	202
Food .....	5,410,853	135	33,494	84	162
Lodging.....	1,366,647	34	8,443	21	162
<b>Transportation, total</b> .....	4,138,593	104	35,016	88	118
Public .....	416,768	10	1,522	4	274
Private.....	3,721,825	93	34,643	87	107
<b>Other trip costs</b> .....	4,372,262	109	30,115	75	145
<b>Equipment expenditures</b>					
Fishing equipment .....	3,776,644	94	24,276	61	156
Hunting equipment.....	3,857,692	96	12,900	32	299
Auxiliary equipment <sup>1</sup> .....	1,806,862	45	11,678	29	155
Special equipment <sup>2</sup> .....	9,494,454	237	3,598	9	2,639
<b>Other expenditures</b>					
Magazines .....	255,892	6	8,800	22	29
Membership dues and contributions.....	402,610	10	5,503	14	73
Land leasing and ownership.....	5,142,431	129	1,997	5	2,575
Licenses, stamps, tags, and permits .....	898,489	22	27,151	68	33

Note: Detail does not add to total because of multiple responses. Detail in subsequent tables may not add to totals shown here because of nonresponse to individual questions.

<sup>1</sup> Auxiliary equipment includes camping equipment, binoculars, special fishing and hunting clothing, etc.

<sup>2</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

**Table 16. Expenditures for Fishing: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
<b>Total, all items</b> .....	23,990,125	674	34,786	98	690
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	11,847,750	333	33,881	95	350
<b>Food and lodging, total</b> .....	4,953,383	139	29,835	84	166
Food .....	3,817,472	107	29,708	84	129
Lodging.....	1,135,911	32	7,384	21	154
<b>Transportation, total</b> .....	2,799,922	79	30,830	87	91
Public .....	307,665	9	1,175	3	262
Private.....	2,492,257	70	30,494	86	82
<b>Other trip costs, total</b> .....	4,094,445	115	29,661	83	138
Guide fees .....	107,308	3	598	2	179
Pack trip or package fees.....	342,947	10	2,243	6	153
Public land use fees.....	96,463	3	3,974	11	24
Private land use fees.....	56,479	2	1,489	4	38
Equipment rental.....	169,220	5	2,727	8	62
Boat launching, mooring, storage, maintenance, insurance, and fuel.....	2,171,312	61	12,240	34	177
Bait .....	898,421	25	25,392	71	35
Ice .....	252,294	7	15,321	43	16
<b>Equipment expenditures</b>					
<b>Fishing equipment, total</b> .....	3,740,104	105	23,645	66	158
Rods and rod making components.....	868,095	24	11,446	32	76
Reels.....	575,892	16	9,043	25	64
Lines, hooks, sinkers, etc. ....	460,964	13	18,158	51	25
Artificial lures and flies.....	619,076	17	15,665	44	40
Depth finders and other electronic fishing devices .....	276,408	8	889	2	311
Tackle boxes.....	79,720	2	3,317	9	24
Creels, stringers, fish bags, landing nets, and gaff hooks .....	53,823	2	3,313	9	16
Minnow seines, traps, and bait containers .....	33,410	1	2,472	7	14
Spearfishing equipment.....	12,619	(W)	197	1	64
Ice fishing equipment.....	39,709	1	649	2	61
Other.....	720,387	20	3,540	10	203
<b>Auxiliary equipment, total</b> .....	619,433	17	5,639	16	110
Camping equipment.....	298,240	8	2,444	7	122
Binoculars, field glasses, telescopes, etc.....	28,548	1	367	1	78
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	189,180	5	2,800	8	68
Processing and taxidermy costs .....	36,614	1	238	1	154
Other.....	66,851	2	971	3	69
<b>Special equipment<sup>1</sup></b> .....	5,005,651	141	2,370	7	2,113
<b>Other expenditures</b>					
Magazines .....	88,468	2	3,713	10	24
Membership dues and contributions .....	73,399	2	1,684	5	44
Land leasing and ownership.....	2,128,619	60	682	2	3,119
Licenses, stamps, tags, and permits, total .....	486,700	14	22,533	63	22
Licenses .....	443,287	12	22,193	62	20
Stamps, tags, and permits .....	43,414	1	4,578	13	9

Note: Detail does not add to total because of multiple responses. Detail in tables 17-20 may not add to totals shown here because of multiple responses and nonresponse.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

**Table 17. Trip and Equipment Expenditures for Freshwater Fishing: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
<b>Total, all items.....</b>	15,148,591	488	30,207	97	501
<b>Trip-related expenditures</b>					
<b>Total trip-related.....</b>	8,755,251	282	29,411	95	298
<b>Food and lodging, total.....</b>	3,862,636	124	25,779	83	150
Food .....	3,068,709	99	25,684	83	119
Lodging.....	793,927	26	5,987	19	133
<b>Transportation, total.....</b>	2,274,289	73	26,886	87	85
Public .....	208,871	7	815	3	256
Private .....	2,065,418	67	26,611	86	78
<b>Other trip costs, total.....</b>	2,618,326	84	25,421	82	103
Guide fees.....	65,643	2	376	1	175
Pack trip or package fees.....	116,254	4	639	2	182
Public land use fees.....	76,929	2	3,412	11	23
Private land use fees.....	47,943	2	1,283	4	37
Equipment rental.....	121,745	4	1,958	6	62
Boat launching, mooring, storage, maintenance, insurance, and fuel.....	1,308,449	42	10,246	33	128
Bait .....	691,340	22	22,205	72	31
Ice .....	190,023	6	13,013	42	15
<b>Equipment expenditures</b>					
<b>Fishing equipment, total.....</b>	2,470,145	80	19,298	62	128
Rods and rod making components.....	578,309	19	8,961	29	65
Reels.....	369,685	12	6,892	22	54
Lines, hooks, sinkers, etc.....	317,218	10	14,432	46	22
Artificial lures and flies.....	470,895	15	12,816	41	37
Depth finders and other electronic fishing devices .....	197,651	6	653	2	303
Tackle boxes.....	56,371	2	2,462	8	23
Creels, stringers, fish bags, landing nets, and gaff hooks .....	28,712	1	2,475	8	12
Minnow seines, traps, and bait containers .....	21,527	1	1,854	6	12
Spearfishing equipment.....	2,647	(W)	78	(Z)	34
Ice fishing equipment.....	36,634	1	589	2	62
Other.....	390,496	13	2,285	7	171
<b>Auxiliary equipment, total.....</b>	481,235	16	4,466	14	108
Camping equipment.....	248,289	8	2,012	6	123
Binoculars, field glasses, telescopes, etc.....	14,545	(W)	188	1	77
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	141,724	5	2,158	7	66
Processing and taxidermy costs .....	31,253	1	209	1	149
Other.....	45,424	1	735	2	62
<b>Special equipment<sup>1</sup>.....</b>	3,441,961	111	1,831	6	1,880

Note: Detail does not add to total because of multiple responses.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

**Table 18. Trip and Equipment Expenditures for Freshwater Fishing, Except Great Lakes: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
<b>Total, all items</b> .....	13,811,713	458	29,443	98	469
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	7,885,427	261	28,575	95	276
<b>Food and lodging, total</b> .....	3,531,662	117	24,912	83	142
Food .....	2,819,172	93	24,825	82	114
Lodging .....	712,490	24	5,449	18	131
<b>Transportation, total</b> .....	2,101,072	70	26,073	86	81
Public .....	193,593	6	735	2	263
Private .....	1,907,479	63	25,805	85	74
<b>Other trip costs, total</b> .....	2,252,693	75	24,591	81	92
Guide fees .....	59,433	2	321	1	185
Pack trip or package fees .....	81,145	3	413	1	197
Public land use fees .....	69,934	2	3,238	11	22
Private land use fees .....	46,621	2	1,244	4	37
Equipment rental .....	111,875	4	1,818	6	62
Boat launching, mooring, storage, maintenance, insurance, and fuel .....	1,064,375	35	9,595	32	111
Bait .....	644,490	21	21,500	71	30
Ice .....	174,820	6	12,441	41	14
<b>Equipment expenditures</b>					
<b>Fishing equipment, total</b> .....	2,279,660	76	18,655	62	122
Rods and rod making components .....	545,126	18	8,604	29	63
Reels .....	354,768	12	6,599	22	54
Lines, hooks, sinkers, etc. ....	302,661	10	13,901	46	22
Artificial lures and flies .....	447,048	15	12,273	41	36
Depth finders and other electronic fishing devices .....	149,832	5	620	2	242
Tackle boxes .....	53,922	2	2,367	8	23
Creels, stringers, fish bags, landing nets, and gaff hooks .....	26,802	1	2,376	8	11
Minnow seines, traps, and bait containers .....	20,403	1	1,787	6	11
Spearfishing equipment .....	2,510	(W)	76	(Z)	33
Ice fishing equipment .....	33,655	1	554	2	61
Other .....	342,932	11	2,139	7	160
<b>Auxiliary equipment, total</b> .....	452,007	15	4,280	14	106
Camping equipment .....	229,857	8	1,963	7	117
Binoculars, field glasses, telescopes, etc. ....	14,471	(W)	186	1	78
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	134,542	4	2,049	7	66
Processing and taxidermy costs .....	28,834	1	190	1	152
Other .....	44,303	1	696	2	64
<b>Special equipment<sup>1</sup></b> .....	3,194,619	106	1,769	6	1,806

Note: Detail does not add to total because of multiple responses. Includes anglers who did not fish in freshwater excluding Great Lakes.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

**Table 19. Trip and Equipment Expenditures for Great Lakes Fishing: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
<b>Total, all items.....</b>	1,336,879	524	2,638	100	507
<b>Trip-related expenditures</b>					
<b>Total trip-related.....</b>	869,824	341	2,420	95	359
<b>Food and lodging, total.....</b>	330,974	130	2,214	87	150
Food .....	249,537	98	2,202	86	113
Lodging.....	81,437	32	672	26	121
<b>Transportation, total.....</b>	173,217	68	2,174	85	80
Public .....	15,278	6	95	4	160
Private.....	157,939	62	2,123	83	74
<b>Other trip costs, total.....</b>	365,633	143	2,079	81	176
Guide fees.....	6,210	2	58	2	108
Pack trip or package fees.....	35,109	14	238	9	147
Public land use fees.....	6,995	3	227	9	31
Private land use fees.....	*1,323	*1	*53	*2	*25
Equipment rental.....	9,870	4	175	7	57
Boat launching, mooring, storage, maintenance, insurance, and fuel.....	244,073	96	1,044	41	234
Bait .....	46,850	18	1,622	64	29
Ice .....	15,202	6	1,028	40	15
<b>Equipment expenditures</b>					
<b>Fishing equipment, total.....</b>	190,485	75	1,110	43	172
Rods and rod making components.....	33,183	13	426	17	78
Reels.....	14,917	6	315	12	47
Lines, hooks, sinkers, etc.....	14,556	6	713	28	20
Artificial lures and flies.....	23,847	9	654	26	36
Depth finders and other electronic fishing devices....	*47,819	*19	*35	*1	*1,372
Tackle boxes.....	2,450	1	97	4	25
Creels, stringers, fish bags, landing nets, and gaff hooks .....	1,910	1	109	4	18
Minnow seines, traps, and bait containers .....	1,124	(W)	76	3	15
Spearfishing equipment.....	...	...	...	...	...
Ice fishing equipment .....	*2,979	*1	*37	*1	*80
Other .....	47,564	19	150	6	317
<b>Auxiliary equipment, total.....</b>	29,228	11	215	8	136
Camping equipment.....	*18,432	*7	*55	*2	*333
Binoculars, field glasses, telescopes, etc.....	...	...	...	...	...
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	7,182	3	116	5	62
Processing and taxidermy costs .....	*2,419	*1	*20	*1	*122
Other .....	*1,121	*(W)	*39	*2	*28
<b>Special equipment<sup>1</sup> .....</b>	247,342	97	61	2	4,031

Note: Detail does not add to total because of multiple responses. Includes anglers who did not Great Lakes fish.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 20. Trip and Equipment Expenditures for Saltwater Fishing: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars)	Number (thousands)	Percent of anglers	Average per spender (dollars)
<b>Total, all items</b> .....	4,991,952	562	8,832	99	565
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	3,092,499	348	8,497	96	364
<b>Food and lodging, total</b> .....	1,090,747	123	7,524	85	145
Food .....	748,763	84	7,457	84	100
Lodging.....	341,985	38	1,740	20	197
<b>Transportation, total</b> .....	525,633	59	7,229	81	73
Public .....	98,794	11	414	5	239
Private.....	426,839	48	7,015	79	61
<b>Other trip costs, total</b> .....	1,476,119	166	7,581	85	195
Guide fees .....	41,665	5	238	3	175
Pack trip or package fees.....	226,693	26	1,682	19	135
Public land use fees.....	19,535	2	647	7	30
Private land use fees.....	8,536	1	231	3	37
Equipment rental.....	47,475	5	850	10	56
Boat launching, mooring, storage, maintenance, insurance, and fuel.....	862,863	97	2,862	32	302
Bait .....	207,081	23	5,333	60	39
Ice .....	62,271	7	3,847	43	16
<b>Equipment expenditures</b>					
<b>Fishing equipment, total</b> .....	749,187	84	3,863	43	194
Rods and rod making components.....	177,860	20	1,510	17	118
Reels.....	121,435	14	1,248	14	97
Lines, hooks, sinkers, etc.....	74,951	8	2,765	31	27
Artificial lures and flies.....	66,967	8	1,856	21	36
Depth finders and other electronic fishing devices .....	39,827	4	110	1	363
Tackle boxes .....	8,298	1	352	4	24
Creels, stringers, fish bags, landing nets, and gaff hooks .....	11,869	1	454	5	26
Minnow seines, traps, and bait containers .....	6,252	1	313	4	20
Spearfishing equipment.....	9,484	1	109	1	87
Other .....	232,062	26	643	7	361
<b>Auxiliary equipment, total</b> .....	69,121	8	757	9	91
Camping equipment.....	19,175	2	199	2	96
Binoculars, field glasses, telescopes, etc.....	7,696	1	100	1	77
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	27,913	3	417	5	67
Processing and taxidermy costs .....	*2,888	*(W)	*21	*(Z)	*141
Other .....	11,450	1	155	2	74
<b>Special equipment<sup>1</sup></b> .....	1,081,144	122	320	4	3,379

Note: Detail does not add to total because of multiple responses. Includes anglers who did not saltwater fish.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

**Table 21. Expenditures for Hunting: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
<b>Total, all items</b> .....	12,336,435	877	13,771	98	896
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	3,440,604	245	12,696	90	271
<b>Food and lodging, total</b> .....	1,824,117	130	10,949	78	167
Food .....	1,593,381	113	10,936	78	146
Lodging .....	230,736	16	1,474	10	157
<b>Transportation, total</b> .....	1,338,671	95	12,204	87	110
Public .....	109,103	8	389	3	280
Private.....	1,229,567	87	12,098	86	102
<b>Other trip costs, total</b> .....	277,817	20	1,409	10	197
Guide fees .....	46,913	3	196	1	239
Pack trip or package fees.....	81,218	6	185	1	440
Public land use fees.....	16,974	1	486	3	35
Private land use fees.....	121,771	9	703	5	173
Equipment rental.....	10,942	1	113	1	97
<b>Equipment expenditures</b>					
<b>Hunting equipment, total</b> .....	3,283,413	233	10,732	76	306
Guns and rifles .....	1,555,980	111	3,052	22	510
Rifles.....	732,588	52	1,609	11	455
Shotguns .....	489,518	35	1,326	9	369
Muzzleloaders, primitive firearms.....	83,852	6	349	2	240
Pistols, handguns .....	250,023	18	618	4	405
Bows, arrows, archery equipment.....	344,239	24	2,043	15	169
Telescopic sights .....	167,360	12	1,054	7	159
Decoys and game calls.....	58,523	4	1,152	8	51
Ammunition .....	531,055	38	9,488	67	56
Hand loading equipment.....	114,118	8	1,010	7	113
Hunting dogs and associated costs .....	310,576	22	936	7	332
Other.....	201,563	14	2,287	16	88
<b>Auxiliary equipment, total</b> .....	635,334	45	4,291	31	148
Camping equipment.....	99,627	7	626	4	159
Binoculars, field glasses, telescopes, etc.....	75,755	5	745	5	102
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	273,179	19	3,056	22	89
Processing and taxidermy costs .....	159,703	11	945	7	169
Other.....	27,069	2	375	3	72
<b>Special equipment<sup>1</sup></b> .....	1,249,777	89	496	4	2,520
<b>Other expenditures</b>					
Magazines .....	41,892	3	1,587	11	26
Membership dues and contributions.....	138,856	10	1,584	11	88
Land leasing and ownership .....	3,013,812	214	572	4	5,267
Licenses, stamps, tags, and permits, total .....	532,747	38	11,750	84	45
Licenses .....	405,274	29	11,596	82	35
Federal duck stamps .....	21,868	2	1,458	10	15
Other stamps, tags, and permits .....	105,605	8	4,788	34	22

Note: Detail does not add to total because of multiple responses. Detail in tables 22-25 may not add to totals shown here because of multiple responses and nonresponse.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

**Table 22. Trip and Equipment Expenditures for Big Game Hunting: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
<b>Total, all items</b> .....	5,090,443	474	10,506	98	485
<b>Trip-related expenditures</b>					
<b>Total trip-related</b> .....	2,195,565	204	9,813	91	224
<b>Food and lodging, total</b> .....	1,202,265	112	8,481	79	142
Food .....	1,033,272	96	8,470	79	122
Lodging .....	168,993	16	1,075	10	157
<b>Transportation, total</b> .....	817,120	76	9,404	88	87
Public .....	82,742	8	273	3	303
Private .....	734,378	68	9,275	86	79
<b>Other trip costs, total</b> .....	176,180	16	862	8	204
Guide fees .....	33,249	3	71	1	467
Pack trip or package fees .....	58,435	5	114	1	513
Public land use fees .....	12,632	1	342	3	37
Private land use fees .....	66,055	6	391	4	169
Equipment rental .....	5,810	1	60	1	97
<b>Equipment expenditures</b>					
<b>Hunting equipment, total</b> .....	1,591,890	148	6,714	62	237
Guns and rifles .....	775,672	72	1,644	15	472
Rifles .....	532,464	50	1,075	10	495
Shotguns .....	86,601	8	287	3	302
Muzzleloaders, primitive firearms .....	70,866	7	290	3	244
Pistols, handguns .....	85,741	8	195	2	439
Bows, arrows, archery equipment .....	311,799	29	1,858	17	168
Telescopic sights .....	126,853	12	772	7	164
Decoys and game calls .....	17,761	2	662	6	27
Ammunition .....	162,484	15	4,578	43	35
Hand loading equipment .....	46,711	4	481	4	97
Hunting dogs and associated costs .....	31,038	3	98	1	316
Other .....	119,572	11	1,308	12	91
<b>Auxiliary equipment, total</b> .....	451,459	42	3,160	29	143
Camping equipment .....	59,853	6	460	4	130
Binoculars, field glasses, telescopes, etc. ....	60,132	6	569	5	106
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	176,598	16	2,016	19	88
Processing and taxidermy costs .....	137,553	13	841	8	163
Other .....	17,322	2	252	2	69
<b>Special equipment<sup>1</sup></b> .....	851,529	79	353	3	2,412

Note: Detail does not add to total because of multiple responses. Includes hunters who did not big game hunt.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

**Table 23. Trip and Equipment Expenditures for Small Game Hunting: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
<b>Total, all items.....</b>	1,549,816	203	7,355	96	211
<b>Trip-related expenditures</b>					
<b>Total trip-related.....</b>	780,947	102	6,479	85	121
<b>Food and lodging, total.....</b>	402,160	53	5,070	66	79
Food.....	366,062	48	5,068	66	72
Lodging.....	36,098	5	333	4	108
<b>Transportation, total.....</b>	325,382	43	6,107	80	53
Public.....	13,032	2	84	1	155
Private.....	312,349	41	6,070	79	51
<b>Other trip costs, total.....</b>	53,405	7	449	6	119
Guide fees.....	6,536	1	77	1	85
Pack trip or package fees.....	17,179	2	45	1	386
Public land use fees.....	2,075	(W)	125	2	17
Private land use fees.....	24,804	3	226	3	110
Equipment rental.....	*2,810	*(W)	*46	*1	*61
<b>Equipment expenditures</b>					
<b>Hunting equipment, total.....</b>	588,764	77	3,835	50	154
Guns and rifles.....	303,425	40	993	13	306
Rifles.....	80,163	10	360	5	223
Shotguns.....	169,402	22	531	7	319
Muzzleloaders, primitive firearms.....	*5,768	*1	*31	*(Z)	*185
Pistols, handguns.....	48,092	6	167	2	288
Bows, arrows, archery equipment.....	5,498	1	83	1	66
Telescopic sights.....	15,024	2	166	2	90
Decoys and game calls.....	5,108	1	97	1	52
Ammunition.....	101,825	13	2,989	39	34
Hand loading equipment.....	15,124	2	200	3	76
Hunting dogs and associated costs.....	130,005	17	532	7	244
Other.....	12,755	2	307	4	42
<b>Auxiliary equipment, total.....</b>	48,118	6	576	8	84
Camping equipment.....	4,797	1	63	1	76
Binoculars, field glasses, telescopes, etc.....	2,919	(W)	40	1	73
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear.....	27,985	4	422	6	66
Processing and taxidermy costs.....	9,588	1	52	1	184
Other.....	2,830	(W)	46	1	62
<b>Special equipment<sup>1</sup>.....</b>	131,987	17	52	1	2,517

Note: Detail does not add to total because of multiple responses. Includes hunters who did not small game hunt.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

**Table 24. Trip and Equipment Expenditures for Migratory Bird Hunting: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
<b>Total, all items.....</b>	686,025	228	3,054	100	225
<b>Trip-related expenditures</b>					
<b>Total trip-related.....</b>	346,213	115	2,642	88	131
<b>Food and lodging, total.....</b>	168,033	56	2,167	72	78
Food .....	146,828	49	2,165	72	68
Lodging .....	21,205	7	185	6	115
<b>Transportation, total.....</b>	134,571	45	2,495	83	54
Public .....	10,302	3	50	2	205
Private.....	124,269	41	2,471	82	50
<b>Other trip costs, total.....</b>	43,609	14	309	10	141
Guide fees .....	5,402	2	51	2	105
Pack trip or package fees.....	*5,395	*2	*25	*1	*218
Public land use fees.....	2,184	1	74	2	30
Private land use fees.....	29,254	10	181	6	162
Equipment rental.....	*1,374	*(W)	*15	*(Z)	*93
<b>Equipment expenditures</b>					
<b>Hunting equipment, total.....</b>	284,319	94	1,758	58	162
Guns and rifles .....	114,667	38	242	8	474
Rifles.....	...	...	...	...	...
Shotguns .....	111,769	37	228	8	490
Muzzleloaders, primitive firearms .....	...	...	...	...	...
Pistols, handguns .....	...	...	...	...	...
Bows, arrows, archery equipment.....	...	...	...	...	...
Telescopic sights .....	...	...	...	...	...
Decoys and game calls.....	28,028	9	303	10	93
Ammunition .....	67,014	22	1,368	45	49
Hand loading equipment.....	8,827	3	118	4	75
Hunting dogs and associated costs .....	51,593	17	192	6	268
Other .....	13,572	5	162	5	84
<b>Auxiliary equipment, total.....</b>	38,460	13	343	11	112
Camping equipment.....	*1,619	*1	*16	*1	*100
Binoculars, field glasses, telescopes, etc.....	*2,411	*1	*27	*1	*88
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear .....	24,427	8	259	9	94
Processing and taxidermy costs .....	8,415	3	47	2	177
Other.....	*1,589	*1	*26	*1	*62
<b>Special equipment<sup>1</sup> .....</b>	*17,032	*6	*35	*1	*492

Note: Detail does not add to total because of multiple responses. Includes hunters who did not hunt for migratory birds.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 25. Trip and Equipment Expenditures for Hunting Other Animals: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars)	Number (thousands)	Percent of hunters	Average per spender (dollars)
<b>Total, all items.....</b>	254,681	180	1,244	88	205
<b>Trip-related expenditures</b>					
<b>Total trip-related.....</b>	117,879	84	1,015	72	116
<b>Food and lodging, total.....</b>	51,658	37	731	52	71
Food.....	47,219	33	731	52	65
Lodging.....	4,439	3	43	3	103
<b>Transportation, total.....</b>	61,598	44	956	68	64
Public.....	*3,026	*2	*17	*1	*178
Private.....	58,572	41	949	67	62
<b>Other trip costs, total.....</b>	4,622	3	45	3	103
Guide fees.....	...	...	...	...	...
Pack trip or package fees.....	...	...	...	...	...
Public land use fees.....	...	...	...	...	...
Private land use fees.....	*1,658	*1	*20	*1	*84
Equipment rental.....	...	...	...	...	...
<b>Equipment expenditures</b>					
<b>Hunting equipment, total.....</b>	104,099	74	492	35	212
Guns and rifles.....	37,428	27	101	7	372
Rifles.....	14,504	10	50	4	291
Shotguns.....	*3,484	*2	*19	*1	*187
Muzzleloaders, primitive firearms.....	...	...	...	...	...
Pistols, handguns.....	19,168	14	46	3	418
Bows, arrows, archery equipment.....	...	...	...	...	...
Telescopic sights.....	4,397	3	37	3	119
Decoys and game calls.....	2,032	1	50	4	41
Ammunition.....	10,063	7	279	20	36
Hand loading equipment.....	3,407	2	54	4	63
Hunting dogs and associated costs.....	35,821	25	75	5	478
Other.....	10,667	8	45	3	239
<b>Auxiliary equipment, total.....</b>	9,025	6	74	5	121
Camping equipment.....	...	...	...	...	...
Binoculars, field glasses, telescopes, etc.....	*1,153	*1	*14	*1	*80
Special fishing or hunting clothing, rubber boots, waders, and foul weather gear.....	2,494	2	41	3	62
Processing and taxidermy costs.....	*1,808	*1	*14	*1	*130
Other.....	...	...	...	...	...
<b>Special equipment<sup>1</sup>.....</b>	...	...	...	...	...

Note: Detail does not add to total because of multiple responses. Includes hunters who did not hunt other animals.

<sup>1</sup> Special equipment includes boats, campers, cabins, trail bikes, etc.

(W) Less than .5 dollars.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 26. Special Equipment Expenditures for Fishing and Hunting: 1991**

(Population 16 years old and older)

Special equipment item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per sportsman (dollars)	Number (thousands)	Percent of sportsmen	Average per spender (dollars)
Total, all items .....	9,494,454	237	3,598	9	2,639
Motor boat (other than bass boat).....	648,679	16	178	(Z)	3,650
Bass boat.....	1,846,287	46	451	1	4,093
Canoe, other non-motor boat.....	123,229	3	219	1	562
Boat motor, trailer or hitch, and other boat accessories .....	609,677	15	993	2	614
Travel or tent trailer, pickup, camper, van, motor home.....	3,728,489	93	636	2	5,860
Cabin.....	*643,738	*16	*35	(Z)	*18,396
Trail bike, dune buggy, 4x4 vehicle, 3-wheeler, snowmobile .....	1,806,709	45	473	1	3,820
Other.....	87,646	2	1,455	4	60

Note: Detail does not add to total because of multiple responses.

(Z) Less than .5 percent.

\* Estimate based on a small sample size.

**Table 27. Expenditures for Fishing, Hunting, or Wildlife Magazines, or for Dues or Contributions to Organizations: 1991**

(Population 16 years old and older)

Fishing or hunting	Magazines					Dues or contributions				
	Spenders <sup>1</sup>		Expenditures		Average per spender (dollars)	Spenders <sup>1</sup>		Expenditures		Average per spender (dollars)
	Number (thous-ands)	Percent	Amount (thou-sands of dollars)	Percent		Number (thous-ands)	Percent	Amount (thou-sands of dollars)	Percent	
Total sportsmen.....	8,918	100	255,892	100	29	5,560	100	402,610	100	72
Anglers, total .....	3,865	43	90,620	35	23	1,726	31	74,499	19	43
Freshwater, except Great Lakes .....	2,397	27	52,795	21	22	986	18	43,785	11	44
Great Lakes .....	118	1	2,217	1	19	*53	*1	*2,289	*1	*43
Saltwater .....	454	5	10,554	4	23	271	5	11,395	3	42
Hunters, total .....	1,872	21	47,692	19	25	1,906	34	151,147	38	79
Big game.....	960	11	24,217	9	25	640	12	43,513	11	68
Small game.....	178	2	4,070	2	23	220	4	11,178	3	51
Migratory bird .....	80	1	1,571	1	20	373	7	58,282	14	156
Other animals.....	*34	(Z)	*572	(Z)	*17	*25	(Z)	*2,608	*1	*103
Unable to specify.....	4,532	51	119,394	47	26	2,606	47	179,807	45	69

Note: Detail does not add to total because of multiple responses and nonresponse. The "Expenditures" and "Spenders" estimates in this table do not match the corresponding entries in tables 16 and 21. This is because the anglers data in this table include expenditures for magazines or dues that were primarily for use in fishing by spenders who hunted but did not fish in 1991. Similarly, the hunters data include expenditures for magazines or dues that were primarily for use in hunting by spenders who fished but did not hunt in 1991.

<sup>1</sup> Spenders column reports the number of sportsmen who purchased or acquired the item. Not all spenders reported an expenditure amount.

\* Estimate based on a small sample size.

(Z) Less than 0.5 percent.

**Table 28. Anglers and Hunters Who Purchased Licenses or Were Exempt: 1991**

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

Sportsmen	Anglers		Hunters	
	Number	Percent	Number	Percent
<b>Total sportsmen</b> .....	35,578	100	14,063	100
<b>Total license purchasers<sup>1</sup></b> .....	23,302	65	11,986	85
Sportsmen purchasing licenses:				
In state of residence.....	21,445	60	11,460	81
In other states .....	3,653	10	1,325	9
<b>Total exempt from purchasing licenses</b> .....	3,037	9	1,024	7
Sportsmen exempt from license purchase:				
In state of residence.....	2,596	7	859	6
In other states .....	375	1	117	1
<b>Other<sup>2</sup></b> .....	6,586	19	894	6
<b>Not reported</b> .....	3,329	9	486	3

Note: Detail does not add to total because of multiple responses and nonresponse. Respondents could have been licensed in one state and exempt in another.

<sup>1</sup> Includes persons who had licenses bought for them. Does not include persons who purchased licenses and did not fish or hunt in 1991.

<sup>2</sup> Includes persons engaged in activities requiring no licenses or exemptions and those who failed to buy a license for activities requiring a license.

**Table 29. Expenditures for Fishing and Hunting Licenses, Stamps, Tags, and Permits: 1991**

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

Primary use	Total, all licenses, stamps, tags, and permits		Licenses		Stamps, tags, and permits	
	Amount	Percent	Amount	Percent	Amount	Percent
Total, fishing or hunting .....	898,489	100	727,602	100	170,886	100
Fishing.....	486,700	54	443,287	61	43,414	25
Hunting .....	532,747	59	405,274	56	127,473	75

Note: Detail does not add to total because of nonresponse and multiple responses. Does not include expenditures for licenses, stamps, tags, and permits purchased before 1991. Does not include expenditures for licenses, stamps, tags, and permits by anglers and hunters who did not fish or hunt in 1991.

**Table 30. Selected Characteristics of Anglers and Hunters Who Purchased Licenses: 1991**

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

Characteristic	Anglers						Hunters					
	Total		Purchased a license <sup>1</sup>		Did not purchase a license <sup>2</sup>		Total		Purchased a license <sup>1</sup>		Did not purchase a license <sup>2</sup>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total persons</b> .....	35,578	100	23,302	65	12,276	35	14,063	100	11,986	85	2,078	15
<b>Population density of residence</b>												
Urban.....	22,368	100	14,496	65	7,872	35	6,631	100	5,621	85	1,010	15
Rural .....	13,210	100	8,806	67	4,404	33	7,432	100	6,365	86	1,068	14
<b>Population size of residence</b>												
MSA.....	24,877	100	16,147	65	8,730	35	7,868	100	6,649	85	1,219	15
1,000,000 or more.....	11,527	100	7,311	63	4,216	37	3,071	100	2,579	84	492	16
250,000 - 999,999.....	8,804	100	5,621	64	3,183	36	2,911	100	2,421	83	490	17
50,000 - 249,999.....	4,546	100	3,215	71	1,331	29	1,885	100	1,649	87	236	13
Outside MSA .....	10,701	100	7,155	67	3,546	33	6,195	100	5,336	86	859	14
<b>Census geographic division</b>												
New England .....	1,545	100	979	63	565	37	444	100	407	92	37	8
Middle Atlantic .....	3,871	100	2,197	57	1,674	43	1,746	100	1,569	90	177	10
East North Central.....	6,264	100	4,484	72	1,780	28	2,789	100	2,497	90	292	10
West North Central .....	3,647	100	2,873	79	774	21	1,709	100	1,487	87	222	13
South Atlantic.....	6,441	100	3,084	48	3,357	52	2,083	100	1,612	77	471	23
East South Central .....	2,635	100	1,641	62	994	38	1,279	100	999	78	280	22
West South Central.....	4,592	100	3,169	69	1,423	31	1,843	100	1,550	84	294	16
Mountain .....	2,079	100	1,639	79	440	21	1,069	100	977	91	92	9
Pacific .....	4,505	100	3,235	72	1,269	28	1,101	100	886	81	214	19
<b>Age</b>												
Total.....	35,578	100	23,302	65	12,276	35	14,063	100	11,986	85	2,078	15
16 to 17 years .....	1,481	100	786	53	694	47	662	100	513	78	149	22
18 to 24 years .....	4,593	100	2,917	64	1,676	36	2,016	100	1,705	85	311	15
25 to 34 years .....	9,929	100	6,787	68	3,142	32	3,930	100	3,447	88	483	12
35 to 44 years .....	8,584	100	6,084	71	2,500	29	3,369	100	3,003	89	366	11
45 to 54 years .....	4,894	100	3,496	71	1,398	29	2,073	100	1,871	90	202	10
55 to 64 years .....	3,271	100	2,251	69	1,019	31	1,177	100	1,012	86	165	14
65 years and older .....	2,827	100	981	35	1,846	65	837	100	434	52	403	48
<b>Sex</b>												
Male.....	25,711	100	17,762	69	7,949	31	12,995	100	11,172	86	1,823	14
Female.....	9,867	100	5,540	56	4,327	44	1,068	100	814	76	254	24
<b>Race</b>												
White .....	32,776	100	21,804	67	10,972	33	13,572	100	11,643	86	1,929	14
Black .....	1,810	100	931	51	879	49	294	100	214	73	80	27
All others.....	992	100	566	57	425	43	197	100	129	65	69	35
<b>Annual household income</b>												
Under \$10,000.....	1,981	100	1,062	54	918	46	673	100	493	73	181	27
\$10,000 to \$19,999.....	4,677	100	2,815	60	1,862	40	1,830	100	1,427	78	403	22
\$20,000 to \$24,999.....	2,893	100	1,891	65	1,002	35	1,322	100	1,157	88	165	12
\$25,000 to \$29,999.....	3,757	100	2,524	67	1,234	33	1,602	100	1,409	88	193	12
\$30,000 to \$49,999.....	10,348	100	7,154	69	3,193	31	4,289	100	3,761	88	528	12
\$50,000 to \$74,999.....	5,868	100	4,053	69	1,816	31	2,059	100	1,814	88	245	12
\$75,000 or more .....	2,837	100	1,803	64	1,033	36	947	100	828	87	119	13
Not reported .....	3,217	100	2,001	62	1,217	38	1,341	100	1,098	82	243	18
<b>Education</b>												
8 years or less .....	1,517	100	794	52	722	48	595	100	448	75	148	25
9 - 11 years .....	4,186	100	2,474	59	1,712	41	1,735	100	1,434	83	301	17
12 years .....	14,216	100	9,594	67	4,622	33	6,250	100	5,378	86	871	14
1 - 3 years college .....	7,700	100	5,209	68	2,491	32	2,896	100	2,488	86	407	14
4 years college .....	4,720	100	3,090	65	1,630	35	1,567	100	1,391	89	177	11
5 or more years college .....	3,240	100	2,140	66	1,100	34	1,020	100	846	83	174	17
<b>Days of participation</b>												
0 to 5 days .....	16,617	100	9,121	55	7,496	45	5,191	100	3,860	74	1,331	26
6 to 10 days .....	6,525	100	4,491	69	2,035	31	2,700	100	2,420	90	281	10
11 to 25 days .....	6,976	100	5,266	75	1,710	25	3,372	100	3,073	91	299	9
26 days or more .....	5,460	100	4,425	81	1,035	19	2,800	100	2,633	94	166	6

<sup>1</sup>Includes persons who purchased a license in 1991 in any state. Respondents could have been licensed in one state and exempt in another.

<sup>2</sup>Includes those persons who did not purchase a license in any state in 1991 and those who did not specify a license purchase in 1991.

**Table 31. Freshwater Anglers and Days of Fishing, by Type of Water: 1991**

(Population 16 years old and older. Numbers in thousands. Excludes Great Lakes fishing)

Type of water	Anglers		Days of fishing	
	Number	Percent	Number	Percent
Total, all types of water.....	30,186	100	430,922	100
Lakes or reservoirs, 10 acres or more .....	20,878	69	221,176	51
Ponds, less than 10 acres.....	10,601	35	78,405	18
Rivers or streams .....	13,660	45	126,147	29

Note: Detail does not add to total because of multiple responses and nonresponse.

**Table 32. Great Lakes Anglers and Days of Fishing, by Great Lake: 1991**

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

Great Lake	Anglers		Days of fishing	
	Number	Percent	Number	Percent
Total, all Great Lakes.....	2,552	100	25,335	100
Lake Ontario .....	298	12	2,394	9
Lake Erie .....	905	35	7,082	28
Lake Huron.....	230	9	2,113	8
Lake Michigan .....	864	34	5,090	20
Lake Superior .....	114	4	883	3
Lake St. Claire.....	118	5	1,658	7
St. Lawrence River .....	*31	*1	*218	*1
Connecting waters .....	260	10	3,021	12
Tributaries to the Great Lakes .....	148	6	1,616	6

Note: Detail does not add to total because of multiple responses and nonresponse.

\* Estimate based on a small sample size.

**Table 33. Hunters and Days of Hunting on Public and Private Land, by Type of Hunting: 1991**

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

Hunters and days of hunting	Type of hunting									
	Total, all hunting		Big game		Small game		Migratory bird		Other animals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Hunters</b>										
Total, all land .....	14,063	100	10,745	100	7,642	100	3,009	100	1,411	100
Public land, total .....	6,204	44	4,626	43	2,634	34	887	29	293	21
Public land only .....	2,115	15	2,162	20	1,089	14	487	16	124	9
Public and private land. ....	4,073	29	2,451	23	1,542	20	400	13	168	12
Private land, total.....	11,725	83	8,464	79	6,424	84	2,454	82	1,273	90
Private land only .....	7,587	54	5,990	56	4,840	63	2,046	68	1,099	78
Private and public land.....	4,073	29	2,451	23	1,542	20	400	13	168	12
<b>Days of hunting</b>										
Total, all land .....	235,806	100	128,411	100	77,132	100	22,235	100	19,340	100
Public land <sup>1</sup> .....	64,707	27	37,434	29	19,093	25	5,538	25	2,642	14
Private land <sup>2</sup> .....	178,990	76	90,432	70	57,391	74	15,512	70	15,655	81

Note: Detail does not add to total because of multiple responses and nonresponse.

<sup>1</sup> Days of hunting on public land includes both days spent solely on public land and those spent on public and private land.<sup>2</sup> Days of hunting on private land includes both days spent solely on private land and those spent on private and public land.

**Table 34. Hunters and Days of Hunting on Public Land, by Selected Characteristic: 1991**

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

Characteristic	Hunters			Days of hunting				
	Total hunters, public and private land	Hunters on public land <sup>1</sup>		Total days, public and private land	Days on public land <sup>2</sup>			
		Number	Percent of total hunters		Number	Percent of total days		
<b>Total persons</b> .....	14,063	6,204	44	100	235,806	64,707	27	100
<b>Population density of residence</b>								
Urban.....	6,631	3,182	48	51	88,327	29,633	34	46
Rural .....	7,432	3,022	41	49	147,479	35,074	24	54
<b>Population size of residence</b>								
MSA.....	7,868	3,621	46	58	113,182	33,582	30	52
1,000,000 or more .....	3,071	1,496	49	24	35,988	12,573	35	19
250,000- 999,999 .....	2,911	1,289	44	21	45,973	12,463	27	19
50,000- 249,999 .....	1,885	836	44	13	31,221	8,546	27	13
Outside MSA .....	6,195	2,583	42	42	122,624	31,125	25	48
<b>Census geographic division</b>								
New England .....	444	209	47	3	7,898	2,557	32	4
Middle Atlantic .....	1,746	937	54	15	30,978	10,179	33	16
East North Central .....	2,789	1,175	42	19	49,835	12,626	25	20
West North Central.....	1,709	685	40	11	24,012	6,020	25	9
South Atlantic.....	2,083	698	34	11	39,834	7,575	19	12
East South Central .....	1,279	375	29	6	27,442	4,230	15	7
West South Central .....	1,843	512	28	8	31,330	5,641	18	9
Mountain .....	1,069	881	82	14	11,030	8,022	73	12
Pacific .....	1,101	732	67	12	13,446	7,856	58	12
<b>Age</b>								
Total.....	14,063	6,204	44	100	235,806	64,707	27	100
16 to 17 years.....	662	296	45	5	11,595	2,809	24	4
18 to 24 years.....	2,016	890	44	14	40,264	9,864	24	15
25 to 34 years.....	3,930	1,888	48	30	68,539	20,082	29	31
35 to 44 years.....	3,369	1,477	44	24	55,563	15,689	28	24
45 to 54 years.....	2,073	909	44	15	33,683	9,562	28	15
55 to 64 years.....	1,177	457	39	7	15,910	3,974	25	6
65 years and older.....	837	287	34	5	10,251	2,727	27	4
<b>Sex</b>								
Male.....	12,995	5,798	45	93	222,294	61,211	28	95
Female .....	1,068	406	38	7	13,512	3,496	26	5
<b>Race</b>								
White .....	13,572	5,981	44	96	228,112	62,257	27	96
Black .....	294	98	33	2	5,499	1,188	22	2
All others.....	197	124	63	2	2,196	1,262	57	2
<b>Annual household income</b>								
Under \$10,000.....	673	269	40	4	12,226	3,766	31	6
\$10,000 to \$19,999.....	1,830	776	42	13	30,017	8,279	28	13
\$20,000 to \$24,999.....	1,322	621	47	10	25,189	6,320	25	10
\$25,000 to \$29,999.....	1,602	777	48	13	28,819	9,246	32	14
\$30,000 to \$49,999.....	4,289	1,964	46	32	72,217	19,542	27	30
\$50,000 to \$74,999.....	2,059	919	45	15	33,151	9,311	28	14
\$75,000 or more .....	947	354	37	6	13,332	3,023	23	5
Not reported.....	1,341	523	39	8	20,857	5,219	25	8
<b>Education</b>								
8 years or less.....	595	207	35	3	9,814	2,090	21	3
9 - 11 years .....	1,735	732	42	12	31,510	8,655	27	13
12 years .....	6,250	2,876	46	46	110,143	31,859	29	49
1- 3 years college .....	2,896	1,297	45	21	47,364	12,581	27	19
4 years college .....	1,567	671	43	11	22,874	5,933	26	9
5 or more years college.....	1,020	420	41	7	14,101	3,588	25	6

Note: Percent of total hunters and percent of total days are based on the total hunters and total days columns for each row. Percent of hunters using public land and percent of days on public land are based on the total number of hunters on public land and total number of days on public land.

<sup>1</sup> Hunters on public land include those who hunted on both public and private land.

<sup>2</sup> Days of hunting on public land includes both days spent solely on public land and those spent on public and private land.

**Table 35. Participation in Ice Fishing, Fly-Fishing, and Other Special Fishing Methods: 1991**

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

Anglers and days	Total	
	Number	Percent
<b>Anglers</b>		
Total anglers.....	35,578	100
Anglers using special fishing methods		
Total.....	1,479	4
Bow and arrow.....	285	1
Net or seine .....	953	3
Spearfishing .....	381	1
<b>Ice anglers and days</b>		
Total anglers.....	35,578	100
Ice anglers .....	2,640	7
Total days of fishing .....	511,329	100
Days of ice fishing.....	16,901	3
<b>Fly-anglers and days</b>		
<b>Total anglers.....</b>	<b>35,578</b>	<b>100</b>
Fly-anglers .....	4,391	12
Total days of fishing .....	511,329	100
Days of fly-fishing .....	27,567	5

Note: Detail does not add to total because of multiple responses.

**Table 36. Participants in Organized Fishing Competitions: 1991**

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

Anglers in competitions	Anglers	
	Number	Percent
<b>Total anglers.....</b>	<b>35,578</b>	<b>100</b>
Fished in tournaments, derbies, contests, etc.....	1,934	5
Fished in tournaments, derbies, contests, etc., that were catch and release competitions.....	642	2

**Table 37. Hunters Using Bows and Arrows and Special Firearms While Hunting, and Preparing for Hunting by Target Shooting: 1991**

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

Hunters	Total	
	Number	Percent
<b>Total hunters .....</b>	<b>14,063</b>	<b>100</b>
Hunters using special methods, total.....	4,063	29
Bow and arrow.....	2,732	19
Muzzleloader or other primitive firearm.....	1,439	10
Pistol or handgun .....	1,100	8
Target shooting in preparation for hunting <sup>1</sup> .....	7,731	55
Used a shooting range.....	3,258	23

Note: Detail does not add to total because of multiple responses.

<sup>1</sup> In state of residence only.

**Table 38. Sportsmen Using Owned or Leased Land for the Primary Purpose of Fishing or Hunting: 1991**

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

Sportsmen and acres owned or leased	Owned or leased		Owned		Leased	
	Number	Percent	Number	Percent	Number	Percent
<b>Sportsmen owning or leasing land primarily for fishing or hunting</b>						
Total.....	2,573	100	1,477	100	1,210	100
Anglers .....	1,008	39	734	50	289	24
Hunters .....	1,730	67	853	58	962	80
Big game.....	1,408	55	646	44	814	67
Small game.....	110	4	79	5	*33	*3
Migratory bird.....	138	5	62	4	83	7
Other animals.....	...	...	...	...	...	...
<b>Acres owned or leased primarily for fishing or hunting</b>						
Total.....	394,390	100	59,176	100	335,215	100
Acres for fishing.....	95,932	24	7,284	12	88,647	26
Acres for hunting.....	298,459	76	51,891	88	246,568	74

Note: Detail does not add to total because of multiple responses and nonresponse.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

(Z) Less than 0.5 percent.

**Table 39. Sportsmen Owning or Leasing Land that Included Wetlands for the Primary Purpose of Fishing or Hunting and Acres Owned or Leased: 1991**

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

Fishing or hunting	Owned for the primary purpose of fishing or hunting						Leased for the primary purpose of fishing or hunting					
	Sportsmen			Acres			Sportsmen			Acres		
	Total owners	Owners of wet-lands	Percent of total owners	Total acres owned	Wet-land acres owned	Percent of total acres owned	Total lessors	Les-sors of wet-lands	Percent of total lessors	Total acres leased	Wet-land acres leased	Percent of total acres leased
<b>Total, fishing or hunting ...</b>	1,477	545	37	59,176	7,757	13	1,210	487	40	335,215	17,970	5
Fishing.....	734	188	26	7,284	1,835	25	289	56	19	88,647	600	1
Hunting .....	853	404	47	51,891	5,922	11	962	452	47	246,568	17,370	7

Note: Detail does not add to total because of multiple responses and nonresponse.

**Table 40. Expenditures for Land Owned or Leased for the Primary Purpose of Fishing or Hunting: 1991**

(Population 16 years old and older)

Fishing or hunting	Owned for the primary purpose of fishing or hunting					Leased for the primary purpose of fishing or hunting					Average per sportsman leasing land (dollars)
	Sportsmen		Expenditures		Average per sportsman owning land (dollars)	Sportsmen		Expenditures			
	Number (thousands)	Percent	Amount (thousands of dollars)	Percent		Number (thousands)	Percent	Amount (thousands of dollars)	Percent		
<b>Total, fishing or hunting</b> .....	1,477	100	4,670,624	100	3,161	1,210	100	471,807	100	390	
Fishing .....	734	50	1,972,120	42	2,689	289	24	156,498	33	542	
Hunting .....	853	58	2,698,504	58	3,164	962	80	315,309	67	328	

Note: Detail does not add to total because of multiple responses and nonresponse.

**Table 41. Age First Hunted, by Sex: 1991**

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

Beginning age of hunting	Total hunters		Male hunters		Female hunters	
	Number	Percent	Number	Percent	Number	Percent
<b>Total hunters</b> .....	14,063	100	12,995	100	1,068	100
<b>Age when first hunted:</b>						
Less than 6 years .....	1,163	8	1,046	8	116	11
6 to 8 years .....	1,574	11	1,501	12	73	7
9 to 11 years .....	2,424	17	2,321	18	103	10
12 to 15 years .....	5,942	42	5,703	44	239	22
16 to 17 years .....	1,357	10	1,239	10	118	11
18 to 24 years .....	997	7	801	6	196	18
25 to 34 years .....	409	3	283	2	127	12
35 to 44 years .....	131	1	71	1	60	6
45 to 54 years .....	*48	(Z)	*19	(Z)	*29	*3
55 to 64 years .....	*12	(Z)	...	...	...	...
65 years or older .....	...	...	...	...	...	...

Note: Detail does not add to total because of multiple responses and nonresponse. Corresponding data for anglers are not available.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

(Z) Less than .5 percent.

**Table 42. Anglers, by Average One-Way Distance Traveled and Type of Fishing: 1991**

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

Anglers	Total, all fishing		Type of fishing					
			Freshwater, except Great Lakes		Great Lakes		Saltwater	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total anglers .....	35,578	100	30,186	100	2,552	100	8,885	100
Anglers who traveled: <sup>1</sup>								
5 miles or less .....	7,476	21	6,957	23	374	15	1,659	19
6 to 24 miles .....	9,890	28	8,635	29	484	19	1,923	22
25 to 49 miles .....	5,864	16	4,854	16	359	14	1,059	12
50 to 99 miles .....	5,088	14	4,069	13	357	14	1,320	15
100 to 249 miles .....	4,467	13	3,617	12	511	20	1,322	15
250 to 499 miles .....	1,463	4	1,211	4	257	10	614	7
500 to 999 miles .....	388	1	296	1	40	2	247	3
1,000 miles or more .....	221	1	148	(Z)	...	...	195	2

Note: Detail does not add to total because of multiple responses and nonresponse.

<sup>1</sup> Distance traveled was to site used most often.

(Z) Less than 0.5 percent.

... Sample size too small to report data reliably.

**Table 43. Hunters, by Average One-Way Distance Traveled and Type of Hunting: 1991**

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

Hunters	Total, all hunting		Type of hunting							
			Big game		Small game		Migratory bird		Other animals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total hunters.....	14,063	100	10,745	100	7,642	100	3,009	100	1,411	100
Hunters who traveled: <sup>1</sup>										
5 miles or less .....	2,938	21	2,292	21	2,297	30	615	20	589	42
6 to 24 miles.....	3,937	28	2,597	24	2,209	29	1,000	33	420	30
25 to 49 miles.....	2,193	16	1,575	15	1,182	15	476	16	142	10
50 to 99 miles.....	2,032	14	1,527	14	856	11	421	14	98	7
100 to 249 miles .....	1,977	14	1,843	17	718	9	325	11	95	7
250 to 499 miles .....	544	4	606	6	194	3	79	3	39	3
500 to 999 miles .....	135	1	151	1	72	1	25	1	*7	(Z)
1,000 miles or more .....	53	(Z)	66	1	*13	(Z)	*10	(Z)	...	...

Note: Detail does not add to total because of multiple responses and nonresponse.

<sup>1</sup> Distance traveled was to site used most often.

(Z) Less than 0.5 percent.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 44. Nonconsumptive Participants, by Primary Nonconsumptive Activity: 1991**

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

Activity	Participants	
	Number	Percent
Total primary participants.....	76,111	100
Nonresidential .....		
Observe wildlife .....	29,999	39
Photograph wildlife .....	28,812	38
Feed wildlife .....	14,225	19
Residential .....	73,904	97
Observe wildlife .....	54,653	72
Photograph wildlife .....	16,990	22
Feed wild birds or other wildlife .....	65,423	86
Visit public parks or areas.....	15,525	20
Maintain plantings or natural areas.....	13,601	18

Note: Detail does not add to total because of multiple responses.

**Table 45. Participants, Trips, and Days of Participation in Primary Nonresidential Activities: 1991**

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

Participants, trips, and days of participation	Total	
	Number	Percent
<b>Participants</b>		
Total participants.....	29,999	100
Observe wildlife .....	28,812	96
Photograph wildlife .....	14,225	47
Feed wildlife .....	13,306	44
<b>Trips</b>		
Total trips .....	269,352	100
1 day trips.....	225,441	84
2 or more day trips .....	43,911	16
Average days per trip.....	1	(X)
<b>Days</b>		
Total days.....	342,406	100
Observing wildlife .....	296,456	87
Photographing wildlife.....	81,600	24
Feeding wildlife .....	102,104	30
Average days per participant .....	11	(X)
Observing wildlife .....	10	(X)
Photographing wildlife.....	6	(X)
Feeding wildlife .....	8	(X)

Note: Detail does not add to total because of multiple responses and nonresponse. Percents shown are based on the "Total participants," "Total trips," and "Total days" rows.

(X) Not applicable.

**Table 46. Participation in Primary Residential Activities: 1991**

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

Activity	Participants	
	Number	Percent
<b>Total primary residential participants</b>	73,904	100
Observe wildlife	54,653	74
Visit public parks <sup>1</sup>	15,525	21
Photograph wildlife	16,990	23
Feed wildlife	65,423	89
Maintain natural areas	9,547	13
Maintain plantings	7,647	10
<b>Observe wildlife</b>		
<b>Participants observing:</b>		
<b>Total, all wildlife</b>	54,653	100
Birds	51,256	94
Mammals	37,110	68
Amphibians or reptiles	12,225	22
Insects or spiders	15,695	29
Fish or other wildlife	11,460	21
<b>Participants observing:</b>		
<b>Total, 1 day or more</b>	54,653	100
1 to 10 days	12,080	22
11 to 20 days	5,907	11
21 to 50 days	8,431	15
51 to 100 days	8,350	15
101 to 200 days	11,840	22
201 or more days	6,564	12
<b>Visit public parks<sup>1</sup></b>		
<b>Participants visiting:</b>		
<b>Total, 1 day or more</b>	15,525	100
1 to 5 days	8,685	56
6 to 11 days	2,702	17
12 or more days	3,958	25
<b>Photograph wildlife</b>		
<b>Participants photographing:</b>		
<b>Total, 1 day or more</b>	16,990	100
1 day	3,203	19
2 to 3 days	4,964	29
4 to 5 days	2,555	15
6 to 10 days	2,841	17
11 to 20 days	1,707	10
21 or more days	1,426	8
<b>Feed wildlife</b>		
<b>Participants feeding:</b>		
<b>Total, all wildlife</b>	65,423	100
Wild birds	63,131	96
Other wildlife	26,108	40
Average months feeding wild birds <sup>2</sup>	7	(X)
Average months feeding other wildlife <sup>3</sup>	5	(X)
<b>Maintain natural areas</b>		
<b>Participants maintaining:</b>		
<b>Total, all acreages</b>	9,547	100
Less than 1 acre	4,378	46
1 to 10 acres	3,754	39
11 to 50 acres	769	8
More than 50 acres	455	5
<b>Maintain plantings</b>		
Participants maintaining plantings	7,647	100
Participants spending:		
Under \$25	1,787	23
\$25 to \$74.99	1,166	15
\$75 or more	1,194	16
Average expenditure per participant for plantings	48	(X)

Note: Detail does not add to total because of multiple responses and nonresponse.

<sup>1</sup> Includes visits only to parks or publicly held areas within one mile of home.<sup>2</sup> Based on the number of months where participants fed wild birds at least once a week.<sup>3</sup> Based on the number of months where participants fed other wildlife at least once.

(X) Not applicable.

**Table 47. Nonconsumptive Wildlife-Associated Recreation in Canada by U.S. Residents: 1991**

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

Participants and activity	Number
Participants .....	1,001
Days of participation .....	4,334
Trips .....	1,080
Trip expenditures .....	\$308,576

**Table 48. Primary Nonresidential Participants, by Area or Site Visited: 1991**

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

Area or site visited	Total	
	Number	Percent
<b>Total, all areas</b> .....	29,999	100
Public only .....	15,352	51
Private only.....	3,552	12
Public and private .....	9,938	33
<b>Sites</b>		
Total, all sites.....	29,999	100
Oceanside.....	6,903	23
Lake and streamside .....	19,227	64
Marsh, wetland, swamp .....	11,735	39
Woodland .....	21,976	73
Brush-covered area.....	16,791	56
Open field .....	16,240	54
Man-made area .....	10,042	33
Other .....	3,874	13

Note: Detail does not add to total because of multiple responses and nonresponse.

**Table 49. Primary Nonresidential Participants, by Wildlife Observed, Photographed or Fed and Place: 1991**

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

Wildlife observed, photographed or fed	Participation by place							
	Total participants		Total		In state of residence		In other states	
			Number	Percent	Number	Percent	Number	Percent
<b>Total, all wildlife</b> .....	29,999	100	29,999	100	24,809	83	9,470	32
<b>Total birds</b> .....	24,690	82	24,690	100	21,032	85	7,962	32
Birds of prey.....	12,839	43	12,839	100	10,896	85	4,378	34
Waterfowl and shore birds .....	19,129	64	19,129	100	16,605	87	5,968	31
Other birds .....	15,852	53	15,852	100	13,514	85	5,136	32
<b>Land mammals</b> .....	22,519	75	22,519	100	19,264	86	7,283	32
<b>Fish</b> .....	10,147	34	10,147	100	8,553	84	3,904	38
<b>Marine mammals</b> .....	3,079	10	3,079	100	2,200	71	1,552	50
<b>Other wildlife</b> .....	14,694	49	14,694	100	12,412	84	5,219	36

Note: Detail does not add to total because of multiple responses. Column showing percent of total participants is based on the "Total, all wildlife" number. Participation by place percent columns are based on the total number of participants for each type of wildlife.

**Table 50. Expenditures for Primary Nonconsumptive Wildlife-Related Recreation: 1991**

(Population 16 years old and older)

Expenditure item	Expenditures (thousands of dollars)	Spenders		
		Number (thousands)	Percent of nonconsumptive participants <sup>1</sup>	Average per spender (dollars)
<b>Total, all items<sup>2</sup></b> .....	18,103,887	58,246	77	311
<b>Trip-related expenditures</b>				
<b>Total trip-related</b> .....	7,482,073	28,240	94	265
<b>Food and lodging, total</b> .....	4,424,825	23,845	79	186
Food .....	2,984,194	23,767	79	126
Lodging .....	1,440,631	7,780	26	185
<b>Transportation, total</b> .....	2,609,341	27,056	90	96
Public .....	665,842	2,344	8	284
Private .....	1,943,499	26,421	88	74
<b>Other trip costs, total</b> .....	447,907	8,585	29	52
Guide fees, pack trip or package fees .....	198,171	1,828	6	108
Public land use fees .....	129,969	5,870	20	22
Private land use fees .....	31,100	1,264	4	25
Equipment rental .....	88,668	1,682	6	53
<b>Equipment and other expenses</b>				
<b>Total</b> .....	10,621,813	53,365	70	199
<b>Nonconsumptive equipment, total</b> .....	5,703,557	50,537	66	113
Binoculars, spotting scopes .....	372,590	3,719	5	100
Film and developing .....	1,105,067	19,642	26	56
Cameras, special lenses and other photographic equipment .....	1,085,357	3,840	5	283
Day packs, carrying cases and special clothing .....	406,502	4,061	5	100
Bird food, total .....	2,047,965	40,903	54	50
Commercially prepared and packaged wild bird food .....	1,540,645	35,841	47	43
Other bulk foods used to feed wild birds .....	507,320	15,224	20	33
Nest boxes, bird houses, feeders, baths .....	468,061	16,060	21	29
Other nonconsumptive equipment .....	218,016	4,522	6	48
<b>Auxiliary equipment, total</b> .....	349,986	2,821	4	124
Tents, tarps .....	140,802	1,431	2	98
Frame packs and backpacking equipment .....	61,761	801	1	77
Other camping equipment .....	147,423	1,467	2	100
<b>Special equipment, total</b> .....	3,506,231	1,242	2	2,822
Travel or tent trailer, pickup, camper, van, motor home .....	1,772,904	328	(Z)	5,407
Off-the-road vehicle .....	1,509,326	265	(Z)	5,691
Other .....	224,001	696	1	322
<b>Magazines</b> .....	320,900	12,293	16	26
<b>Membership dues and contributions</b> .....	741,140	11,427	15	65

Note: Detail does not add to total because of multiple responses and nonresponse.

<sup>1</sup> Percent of nonconsumptive participants column is based on primary nonresidential participants for trip-related expenditures. For equipment and other expenditures the percent of nonconsumptive participants is based on total primary nonconsumptive participants.<sup>2</sup> Information on trip-related expenditures was collected for primary nonresidential participants only. Equipment and other expenditures are based on information collected from both nonresidential and residential participants.

(Z) Less than .5 percent.

**Table 51. Selected Characteristics of Participants in Primary Nonresidential Activities: 1991**

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

Characteristic						Primary nonresidential participants		
	U.S. population		Primary participants			Total		
	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons.....</b>	189,964	100	76,111	40	100	29,999	16	100
<b>Population density of residence</b>								
Urban.....	138,191	73	49,501	36	65	19,498	14	65
Rural.....	51,773	27	26,610	51	35	10,501	20	35
<b>Population size of residence</b>								
MSA.....	147,339	78	56,053	38	74	21,928	15	73
1,000,000 or more.....	81,346	43	27,430	34	36	10,862	13	36
250,000 - 999,999.....	45,601	24	19,379	42	25	7,322	16	24
50,000 - 249,999.....	20,392	11	9,244	45	12	3,744	18	12
Outside MSA.....	42,625	22	20,058	47	26	8,071	19	27
<b>Census geographic division</b>								
New England.....	10,180	5	4,598	45	6	1,856	18	6
Middle Atlantic.....	29,216	15	10,556	36	14	4,166	14	14
East North Central.....	32,188	17	14,511	45	19	5,572	17	19
West North Central.....	13,504	7	6,924	51	9	2,654	20	9
South Atlantic.....	33,682	18	13,047	39	17	4,450	13	15
East South Central.....	11,667	6	4,864	42	6	1,592	14	5
West South Central.....	19,926	10	7,035	35	9	2,459	12	8
Mountain.....	10,092	5	4,437	44	6	2,215	22	7
Pacific.....	29,508	16	10,139	34	13	5,035	17	17
<b>Age</b>								
Total.....	189,964	100	76,111	40	100	29,999	16	100
16 to 17 years.....	6,530	3	2,062	32	3	889	14	3
18 to 24 years.....	23,023	12	6,489	28	9	3,170	14	11
25 to 34 years.....	42,931	23	17,678	41	23	8,862	21	30
35 to 44 years.....	38,341	20	17,705	46	23	7,744	20	26
45 to 54 years.....	27,021	14	11,070	41	15	4,303	16	14
55 to 64 years.....	21,085	11	9,288	44	12	2,601	12	9
65 years and older.....	31,032	16	11,819	38	16	2,431	8	8
<b>Sex</b>								
Male, total.....	90,369	48	37,188	41	49	15,868	18	53
16 to 17 years.....	3,385	2	1,113	33	1	481	14	2
18 to 24 years.....	11,365	6	3,171	28	4	1,568	14	5
25 to 34 years.....	20,791	11	8,466	41	11	4,547	22	15
35 to 44 years.....	18,590	10	9,007	48	12	4,332	23	14
45 to 54 years.....	13,289	7	5,783	44	8	2,386	18	8
55 to 64 years.....	9,933	5	4,452	45	6	1,408	14	5
65 years and older.....	13,017	7	5,196	40	7	1,145	9	4
Female, total.....	99,595	52	38,924	39	51	14,132	14	47
16 to 17 years.....	3,145	2	949	30	1	408	13	1
18 to 24 years.....	11,659	6	3,317	28	4	1,602	14	5
25 to 34 years.....	22,140	12	9,213	42	12	4,315	19	14
35 to 44 years.....	19,751	10	8,699	44	11	3,413	17	11
45 to 54 years.....	13,732	7	5,287	39	7	1,916	14	6
55 to 64 years.....	11,153	6	4,836	43	6	1,193	11	4
65 years and older.....	18,015	9	6,623	37	9	1,286	7	4
<b>Race</b>								
White.....	162,367	85	71,065	44	93	28,479	18	95
Black.....	18,395	10	3,111	17	4	678	4	2
All others.....	9,202	5	1,934	21	3	843	9	3
<b>Annual household income</b>								
Under \$10,000.....	18,585	10	5,331	29	7	1,470	8	5
\$10,000 to \$19,999.....	29,864	16	10,706	36	14	3,768	13	13
\$20,000 to \$24,999.....	15,188	8	6,431	42	8	2,291	15	8
\$25,000 to \$29,999.....	18,727	10	7,915	42	10	3,121	17	10
\$30,000 to \$49,999.....	42,689	22	19,287	45	25	8,402	20	28
\$50,000 to \$74,999.....	24,448	13	11,761	48	15	5,203	21	17
\$75,000 or more.....	13,579	7	6,803	50	9	3,148	23	10
Not reported.....	26,884	14	7,877	29	10	2,597	10	9
<b>Education</b>								
8 years or less.....	14,311	7	3,647	26	5	578	4	2
9 - 11 years.....	21,595	11	7,378	34	10	2,323	11	8
12 years.....	77,293	41	29,294	38	38	10,258	13	34
1 - 3 years college.....	36,725	19	16,097	44	21	7,242	20	24
4 years college.....	22,920	12	10,729	47	14	4,819	21	16
5 or more years college.....	17,120	9	8,966	52	12	4,765	28	16

(continued)

**Table 51. Selected Characteristics of Participants in Primary Nonresidential Activities: 1991—Continued**

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

Characteristic	Primary nonresidential participants								
	Observe			Photograph			Feed		
	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent
Total persons .....	28,812	15	100	14,225	7	100	13,306	7	100
Population density of residence									
Urban.....	18,676	14	65	9,454	7	66	9,068	7	68
Rural.....	10,137	20	35	4,771	9	34	4,238	8	32
Population size of residence									
MSA .....	21,024	14	73	10,734	7	75	10,088	7	76
1,000,000 or more .....	10,402	13	36	5,485	7	39	5,145	6	39
250,000 - 999,999 .....	7,002	15	24	3,502	8	25	3,364	7	25
50,000 - 249,999 .....	3,621	18	13	1,747	9	12	1,578	8	12
Outside MSA.....	7,788	18	27	3,491	8	25	3,218	8	24
Census geographic division									
New England.....	1,792	18	6	891	9	6	779	8	6
Middle Atlantic.....	3,992	14	14	1,946	7	14	1,901	7	14
East North Central.....	5,405	17	19	2,485	8	17	2,686	8	20
West North Central.....	2,575	19	9	1,045	8	7	1,023	8	8
South Atlantic .....	4,328	13	15	2,218	7	16	2,049	6	15
East South Central .....	1,549	13	5	695	6	5	765	7	6
West South Central .....	2,287	11	8	939	5	7	1,338	7	10
Mountain .....	2,117	21	7	1,155	11	8	686	7	5
Pacific .....	4,767	16	17	2,851	10	20	2,078	7	16
Age									
Total .....	28,812	15	100	14,225	7	100	13,306	7	100
16 to 17 years .....	831	13	3	430	7	3	454	7	3
18 to 24 years .....	3,067	13	11	1,249	5	9	1,479	6	11
25 to 34 years .....	8,618	20	30	4,225	10	30	4,133	10	31
35 to 44 years .....	7,412	19	26	4,103	11	29	3,537	9	27
45 to 54 years .....	4,078	15	14	2,092	8	15	1,801	7	14
55 to 64 years .....	2,459	12	9	1,107	5	8	1,047	5	8
65 years and older.....	2,347	8	8	1,018	3	7	855	3	6
Sex									
Male, total .....	15,255	17	53	7,339	8	52	6,729	7	51
16 to 17 years .....	436	13	2	207	6	1	219	6	2
18 to 24 years .....	1,516	13	5	660	6	5	629	6	5
25 to 34 years .....	4,421	21	15	2,064	10	15	1,920	9	14
35 to 44 years .....	4,171	22	14	2,303	12	16	1,980	11	15
45 to 54 years .....	2,271	17	8	1,101	8	8	961	7	7
55 to 64 years .....	1,319	13	5	609	6	4	562	6	4
65 years and older.....	1,121	9	4	396	3	3	458	4	3
Female, total .....	13,557	14	47	6,886	7	48	6,577	7	49
16 to 17 years .....	395	13	1	224	7	2	235	7	2
18 to 24 years .....	1,551	13	5	589	5	4	850	7	6
25 to 34 years .....	4,197	19	15	2,161	10	15	2,213	10	17
35 to 44 years .....	3,241	16	11	1,800	9	13	1,558	8	12
45 to 54 years .....	1,807	13	6	991	7	7	839	6	6
55 to 64 years .....	1,140	10	4	498	4	4	485	4	4
65 years and older.....	1,226	7	4	623	3	4	397	2	3
Race									
White .....	27,360	17	95	13,441	8	94	12,445	8	94
Black .....	643	3	2	239	1	2	399	2	3
All others .....	810	9	3	545	6	4	462	5	3
Annual household income									
Under \$10,000.....	1,402	8	5	521	3	4	630	3	5
\$10,000 to \$19,999.....	3,659	12	13	1,571	5	11	1,909	6	14
\$20,000 to \$24,999.....	2,221	15	8	989	7	7	1,056	7	8
\$25,000 to \$29,999.....	3,049	16	11	1,453	8	10	1,440	8	11
\$30,000 to \$49,999.....	8,038	19	28	4,123	10	29	3,780	9	28
\$50,000 to \$74,999.....	4,945	20	17	2,729	11	19	2,179	9	16
\$75,000 or more .....	3,022	22	10	1,741	13	12	1,382	10	10
Not reported .....	2,476	9	9	1,099	4	8	930	3	7
Education									
8 years or less.....	547	4	2	141	1	1	291	2	2
9 - 11 years.....	2,175	10	8	949	4	7	1,140	5	9
12 years .....	9,912	13	34	4,392	6	31	4,714	6	35
1 - 3 years college.....	6,966	19	24	3,611	10	25	3,326	9	25
4 years college .....	4,665	20	16	2,484	11	17	1,945	8	15
5 or more years college.....	4,532	26	16	2,645	15	19	1,878	11	14

Note: Detail does not add to total because of multiple responses. Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who observed wildlife, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of those who observed wildlife who lived in urban areas, etc.).

**Table 52. Selected Characteristics of Participants in Primary Residential Activities: 1991**

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

Characteristic	U.S. population		Primary participants		Primary residential participants			
					Total			
	Number	Percent	Number	Percent who participated	Percent	Number	Percent who participated	Percent
<b>Total persons.</b>	189,964	100	76,111	40	100	73,904	39	100
<b>Population density of residence</b>								
Urban	138,191	73	49,501	36	65	47,939	35	65
Rural	51,773	27	26,610	51	35	25,964	50	35
<b>Population size of residence</b>								
MSA	147,339	78	56,053	38	74	54,526	37	74
1,000,000 or more	81,346	43	27,430	34	36	26,587	33	36
250,000 - 999,999	45,601	24	19,379	42	25	18,936	42	26
50,000 - 249,999	20,392	11	9,244	45	12	9,003	44	12
Outside MSA	42,625	22	20,058	47	26	19,378	45	26
<b>Census geographic division</b>								
New England	10,180	5	4,598	45	6	4,544	45	6
Middle Atlantic	29,216	15	10,556	36	14	10,282	35	14
East North Central	32,188	17	14,511	45	19	14,175	44	19
West North Central	13,504	7	6,924	51	9	6,722	50	9
South Atlantic	33,682	18	13,047	39	17	12,813	38	17
East South Central	11,667	6	4,864	42	6	4,765	41	6
West South Central	19,926	10	7,035	35	9	6,817	34	9
Mountain	10,092	5	4,437	44	6	4,145	41	6
Pacific	29,508	16	10,139	34	13	9,641	33	13
<b>Age</b>								
Total	189,964	100	76,111	40	100	73,904	39	100
16 to 17 years	6,530	3	2,062	32	3	1,961	30	3
18 to 24 years	23,023	12	6,489	28	9	6,007	26	8
25 to 34 years	42,931	23	17,678	41	23	16,823	39	23
35 to 44 years	38,341	20	17,705	46	23	17,263	45	23
45 to 54 years	27,021	14	11,070	41	15	10,891	40	15
55 to 64 years	21,085	11	9,288	44	12	9,193	44	12
65 years and older	31,032	16	11,819	38	16	11,765	38	16
<b>Sex</b>								
Male, total	90,369	48	37,188	41	49	35,925	40	49
16 to 17 years	3,385	2	1,113	33	1	1,079	32	1
18 to 24 years	11,365	6	3,171	28	4	2,940	26	4
25 to 34 years	20,791	11	8,466	41	11	7,977	38	11
35 to 44 years	18,590	10	9,007	48	12	8,697	47	12
45 to 54 years	13,289	7	5,783	44	8	5,667	43	8
55 to 64 years	9,933	5	4,452	45	6	4,394	44	6
65 years and older	13,017	7	5,196	40	7	5,171	40	7
Female, total	99,595	52	38,924	39	51	37,978	38	51
16 to 17 years	3,145	2	949	30	1	882	28	1
18 to 24 years	11,659	6	3,317	28	4	3,067	26	4
25 to 34 years	22,140	12	9,213	42	12	8,846	40	12
35 to 44 years	19,751	10	8,699	44	11	8,566	43	12
45 to 54 years	13,732	7	5,287	39	7	5,224	38	7
55 to 64 years	11,153	6	4,836	43	6	4,799	43	6
65 years and older	18,015	9	6,623	37	9	6,593	37	9
<b>Race</b>								
White	162,367	85	71,065	44	93	69,049	43	93
Black	18,395	10	3,111	17	4	3,049	17	4
All others	9,202	5	1,934	21	3	1,806	20	2
<b>Annual household income</b>								
Under \$10,000	18,585	10	5,331	29	7	5,196	28	7
\$10,000 to \$19,999	29,864	16	10,706	36	14	10,446	35	14
\$20,000 to \$24,999	15,188	8	6,431	42	8	6,239	41	8
\$25,000 to \$29,999	18,727	10	7,915	42	10	7,697	41	10
\$30,000 to \$49,999	42,689	22	19,287	45	25	18,603	44	25
\$50,000 to \$74,999	24,448	13	11,761	48	15	11,471	47	16
\$75,000 or more	13,579	7	6,803	50	9	6,557	48	9
Not reported	26,884	14	7,877	29	10	7,695	29	10
<b>Education</b>								
8 years or less	14,311	8	3,647	25	5	3,617	25	5
9 - 11 years	21,595	11	7,378	34	10	7,155	33	10
12 years	77,293	41	29,294	38	38	28,595	37	39
1 - 3 years college	36,725	19	16,097	44	21	15,525	42	21
4 years college	22,920	12	10,729	47	14	10,293	45	14
5 or more years college	17,120	9	8,966	52	12	8,719	51	12

(continued)

**Table 52. Selected Characteristics of Participants in Primary Residential Activities: 1991—Continued**

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

Characteristic	Primary residential participants								
	Observe			Photograph		Feed wild birds			
	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	Percent	Number	Percent who partici- pated	
Total persons .....	54,653	29	100	16,990	9	100	63,131	33	100
Population density of residence									
Urban.....	34,330	25	63	10,137	7	60	40,357	29	64
Rural.....	20,322	39	37	6,853	13	40	22,774	44	36
Population size of residence									
MSA .....	39,839	27	73	12,408	8	73	46,455	32	74
1,000,000 or more .....	19,573	24	36	6,182	8	36	22,498	28	36
250,000 - 999,999 .....	13,508	30	25	4,201	9	25	16,319	36	26
50,000 - 249,999 .....	6,758	33	12	2,025	10	12	7,638	37	12
Outside MSA.....	14,814	35	27	4,582	11	27	16,677	39	26
Census geographic division									
New England.....	3,440	34	6	1,165	11	7	3,974	39	6
Middle Atlantic.....	7,681	26	14	2,642	9	16	8,890	30	14
East North Central.....	10,580	33	19	3,386	11	20	12,592	39	20
West North Central.....	5,015	37	9	1,428	11	8	5,726	42	9
South Atlantic .....	9,344	28	17	3,008	9	18	11,097	33	18
East South Central .....	3,374	29	6	828	7	5	4,176	36	7
West South Central .....	4,992	25	9	1,103	6	6	5,815	29	9
Mountain .....	2,997	30	5	998	10	6	3,222	32	5
Pacific .....	7,229	24	13	2,431	8	14	7,640	26	12
Age									
Total .....	54,653	29	100	16,990	9	100	63,131	33	100
16 to 17 years .....	1,283	20	2	453	7	3	1,523	23	2
18 to 24 years .....	3,991	17	7	1,263	5	7	4,334	19	7
25 to 34 years .....	12,271	29	22	3,934	9	23	13,741	32	22
35 to 44 years .....	12,681	33	23	4,470	12	26	14,679	38	23
45 to 54 years .....	8,257	31	15	2,917	11	17	9,652	36	15
55 to 64 years .....	7,060	33	13	2,002	9	12	8,291	39	13
65 years and older.....	9,110	29	17	1,949	6	11	10,912	35	17
Sex									
Male, total .....	26,676	30	49	8,135	9	48	29,965	33	47
16 to 17 years .....	735	22	1	201	6	1	831	25	1
18 to 24 years .....	2,063	18	4	588	5	3	2,026	18	3
25 to 34 years .....	5,734	28	10	1,836	9	11	6,214	30	10
35 to 44 years .....	6,487	35	12	2,206	12	13	7,225	39	11
45 to 54 years .....	4,244	32	8	1,373	10	8	4,992	38	8
55 to 64 years .....	3,403	34	6	964	10	6	3,927	40	6
65 years and older.....	4,010	31	7	966	7	6	4,750	36	8
Female, total .....	27,976	28	51	8,855	9	52	33,167	33	53
16 to 17 years .....	548	17	1	252	8	1	692	22	1
18 to 24 years .....	1,928	17	4	675	6	4	2,308	20	4
25 to 34 years .....	6,537	30	12	2,099	9	12	7,527	34	12
35 to 44 years .....	6,194	31	11	2,264	11	13	7,454	38	12
45 to 54 years .....	4,012	29	7	1,543	11	9	4,660	34	7
55 to 64 years .....	3,657	33	7	1,038	9	6	4,364	39	7
65 years and older.....	5,099	28	9	983	5	6	6,162	34	10
Race									
White .....	51,685	32	95	16,436	10	97	59,123	36	94
Black .....	1,906	10	3	299	2	2	2,541	14	4
All others.....	1,062	12	2	255	3	2	1,468	16	2
Annual household income									
Under \$10,000.....	3,664	20	7	649	3	4	4,483	24	7
\$10,000 to \$19,999.....	7,607	25	14	1,784	6	11	8,951	30	14
\$20,000 to \$24,999.....	4,404	29	8	1,325	9	8	5,439	36	9
\$25,000 to \$29,999.....	5,670	30	10	1,901	10	11	6,411	34	10
\$30,000 to \$49,999.....	14,019	33	26	4,814	11	28	15,994	37	25
\$50,000 to \$74,999.....	8,688	36	16	3,136	13	18	9,906	41	16
\$75,000 or more .....	5,042	37	9	1,844	14	11	5,478	40	9
Not reported .....	5,559	21	10	1,538	6	9	6,470	24	10
Education									
8 years or less.....	2,393	17	4	291	2	2	3,250	23	5
9 - 11 years .....	4,817	22	9	1,163	5	7	6,164	29	10
12 years .....	20,809	27	38	6,023	8	35	24,831	32	39
1 - 3 years college.....	11,570	32	21	4,189	11	25	13,289	36	21
4 years college.....	7,943	35	15	2,725	12	16	8,393	37	13
5 or more years college.....	7,120	42	13	2,598	15	15	7,204	42	11

Note: Detail does not add to total because of multiple responses and nonresponse. Percent who participated shows the percent of each row's population who participated in the activity named by the column (the percent of those living in urban areas who observed wildlife, etc.). Percent columns show the percent of each column's participants who are described by the row heading (the percent of those who observed wildlife who lived in urban areas, etc.).

**Table 53. Participation of Primary Nonconsumptive Participants in Fishing and Hunting: 1991**

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

Type of fishing and hunting	Primary nonconsumptive participants					
	Total		Nonresidential		Residential	
	Number	Percent	Number	Percent	Number	Percent
<b>Total participants</b> .....	76,127	100	30,172	100	73,904	100
Nonsportsmen .....	55,964	74	19,427	64	56,126	76
Sportsmen .....	20,163	26	10,745	36	17,777	24
Fished only .....	12,208	16	6,073	20	10,903	15
Hunted only .....	2,203	3	1,183	4	1,866	3
Fished and hunted .....	5,752	8	3,489	12	5,009	7

Note: Detail does not add to total because of multiple responses and nonresponse. Includes persons who participated only in Canada.

**Table 54. Participation of Sportsmen in Primary Nonconsumptive Activities, by Nonconsumptive Activity: 1991**

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

Nonconsumptive activity	Sportsmen		Anglers		Hunters	
	Number	Percent	Number	Percent	Number	Percent
<b>Total sportsmen</b> .....	40,160	100	35,787	100	14,066	100
No nonconsumptive activities .....	19,997	50	17,827	50	6,111	43
With nonconsumptive activities .....	20,163	50	17,960	50	7,955	57
Primary nonresidential .....	10,745	27	9,562	27	4,672	33
Primary residential .....	13,827	34	12,337	34	5,635	40

Note: Detail does not add to total because of multiple responses and nonresponse. Includes persons who participated only in Canada.

**Table 55. Participants in Wildlife-Associated Recreation, by Participant's State of Residence: 1991**

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

Participant's state of residence	Population	Total participants		Sportsmen		Primary nonconsumptive participants	
		Number	Percent of population	Number	Percent of population	Number	Percent of population
U.S., total.....	189,966	108,745	57	39,979	21	76,111	40
Alabama.....	3,110	1,755	56	756	24	1,229	40
Alaska.....	369	343	93	152	41	229	62
Arizona.....	2,707	1,451	54	467	17	1,083	40
Arkansas.....	1,807	1,209	67	575	32	812	45
California.....	22,366	9,167	41	2,913	13	6,480	29
Colorado.....	2,514	1,690	67	639	25	1,161	46
Connecticut.....	2,500	1,371	55	351	14	1,075	43
Delaware.....	528	282	53	93	18	211	40
Florida.....	10,320	5,578	54	2,038	20	3,866	37
Georgia.....	4,840	2,628	54	1,071	22	1,756	36
Hawaii.....	842	334	40	154	18	230	27
Idaho.....	746	578	77	295	40	385	52
Illinois.....	8,899	4,833	54	1,670	19	3,452	39
Indiana.....	4,267	2,810	66	968	23	2,033	48
Iowa.....	2,164	1,597	74	628	29	1,060	49
Kansas.....	1,882	1,275	68	510	27	876	47
Kentucky.....	2,826	1,816	64	737	26	1,191	42
Louisiana.....	3,161	1,765	56	882	28	1,060	34
Maine.....	953	746	78	274	29	548	57
Maryland.....	3,659	1,938	53	598	16	1,456	40
Massachusetts.....	4,639	2,401	52	612	13	1,882	41
Michigan.....	7,014	4,640	66	1,691	24	3,273	47
Minnesota.....	3,308	2,914	88	1,205	36	1,953	59
Mississippi.....	1,914	1,105	58	591	31	742	39
Missouri.....	3,940	2,965	75	1,156	29	2,006	51
Montana.....	601	469	78	227	38	312	52
Nebraska.....	1,210	834	69	316	26	602	50
Nevada.....	914	486	53	180	20	337	37
New Hampshire.....	864	588	68	189	22	449	52
New Jersey.....	6,007	2,853	47	828	14	2,152	36
New Mexico.....	1,126	636	56	225	20	466	41
New York.....	13,803	6,011	44	1,917	14	4,301	31
North Carolina.....	5,104	2,999	59	1,153	23	2,152	42
North Dakota.....	477	326	68	162	34	200	42
Ohio.....	8,306	5,196	63	1,692	20	3,696	44
Oklahoma.....	2,411	1,692	70	704	29	1,146	48
Oregon.....	2,223	1,615	73	626	28	1,124	51
Pennsylvania.....	9,405	5,526	59	1,763	19	4,103	44
Rhode Island.....	777	454	58	101	13	368	47
South Carolina.....	2,645	1,367	52	630	24	863	33
South Dakota.....	525	347	66	166	32	228	43
Tennessee.....	3,818	2,410	63	900	24	1,701	45
Texas.....	12,548	6,548	52	2,964	24	4,016	32
Utah.....	1,139	736	65	313	28	504	44
Vermont.....	446	367	82	131	29	276	62
Virginia.....	4,721	2,962	63	1,022	22	2,070	44
Washington.....	3,709	2,919	79	1,030	28	2,076	56
West Virginia.....	1,420	846	60	372	26	584	41
Wisconsin.....	3,700	3,005	81	1,180	32	2,058	56
Wyoming.....	345	262	76	141	41	190	55

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

**Table 56. Expenditures for Wildlife-Associated Recreation, by Participant's State of Residence: 1991**

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

Participant's state of residence	Total wildlife-associated expenditures				Fishing and hunting expenditures			
	Total	Trip-related	Equipment	Other	Total	Trip-related	Equipment	Other
U.S., total . . . . .	59,027,316	22,770,428	28,495,426	7,761,462	40,923,429	15,288,354	18,935,652	6,699,422
Alabama . . . . .	935,024	356,730	439,744	138,550	755,115	283,122	337,777	134,216
Alaska . . . . .	517,644	150,419	269,222	98,003	373,464	101,395	179,752	92,317
Arizona . . . . .	867,155	288,337	543,782	35,036	546,800	186,426	335,749	24,625
Arkansas . . . . .	905,680	290,016	509,349	106,315	717,037	245,148	373,436	98,453
California . . . . .	5,310,908	2,398,580	2,379,500	532,829	2,705,716	1,240,744	1,142,649	322,323
Colorado . . . . .	896,002	340,980	495,545	59,476	518,444	208,912	262,827	46,706
Connecticut . . . . .	602,004	209,503	356,761	35,740	316,679	114,896	184,897	16,886
Delaware . . . . .	168,564	54,041	72,174	42,349	130,212	38,327	51,860	40,025
Florida . . . . .	3,347,915	1,596,800	1,545,270	205,845	2,163,077	1,040,434	974,650	147,993
Georgia . . . . .	1,095,341	550,444	482,329	62,568	899,058	443,830	402,395	52,833
Hawaii . . . . .	158,343	97,673	56,126	4,544	105,452	64,632	38,725	2,095
Idaho . . . . .	388,286	134,140	236,106	18,039	320,269	94,577	210,936	14,756
Illinois . . . . .	2,344,145	1,090,918	872,236	380,991	1,534,045	655,464	581,178	297,403
Indiana . . . . .	938,194	446,605	404,605	86,985	678,775	326,736	276,997	75,042
Iowa . . . . .	660,349	208,549	297,238	154,562	536,382	147,370	240,672	148,341
Kansas . . . . .	542,257	195,914	321,277	25,065	453,495	150,146	285,189	18,161
Kentucky . . . . .	1,018,076	316,184	639,627	62,264	836,698	256,248	527,152	53,298
Louisiana . . . . .	1,533,485	495,899	764,156	273,430	1,311,697	435,221	611,246	265,230
Maine . . . . .	343,777	122,807	183,168	37,802	233,403	83,147	117,577	32,679
Maryland . . . . .	761,470	310,121	359,568	91,781	491,735	191,886	234,125	65,723
Massachusetts . . . . .	1,108,190	482,445	520,324	105,420	619,920	265,837	292,155	61,929
Michigan . . . . .	3,548,799	1,006,208	2,010,548	532,044	2,655,349	706,033	1,444,281	505,035
Minnesota . . . . .	1,707,064	648,907	793,460	264,698	1,343,555	467,024	631,697	244,834
Mississippi . . . . .	985,813	300,382	559,679	125,752	753,215	241,820	393,903	117,491
Missouri . . . . .	1,306,215	479,558	645,774	180,884	866,283	352,809	342,977	170,498
Montana . . . . .	291,455	104,888	167,617	18,951	189,250	70,714	103,630	14,906
Nebraska . . . . .	304,796	138,945	129,874	35,977	227,264	100,313	96,877	30,074
Nevada . . . . .	372,351	149,125	208,582	14,644	183,911	76,024	97,436	10,450
New Hampshire . . . . .	259,580	89,902	147,605	22,073	141,669	58,690	67,289	15,691
New Jersey . . . . .	1,330,077	639,748	572,972	117,357	869,954	429,313	354,885	85,756
New Mexico . . . . .	421,498	135,283	266,741	19,473	212,127	74,089	126,712	11,325
New York . . . . .	2,630,439	1,032,132	1,278,472	319,836	1,496,899	651,204	605,500	240,195
North Carolina . . . . .	1,239,390	505,008	628,965	105,416	977,131	389,357	500,340	87,433
North Dakota . . . . .	155,220	69,511	69,883	15,826	137,469	59,800	62,987	14,682
Ohio . . . . .	1,954,957	863,015	892,155	199,787	1,406,815	587,312	666,066	153,437
Oklahoma . . . . .	936,591	352,599	497,053	86,938	707,381	271,085	357,807	78,489
Oregon . . . . .	1,069,164	348,744	675,248	45,172	707,053	229,731	447,339	29,983
Pennsylvania . . . . .	2,452,166	1,103,673	1,154,673	193,820	1,329,126	647,526	535,301	146,299
Rhode Island . . . . .	162,016	67,279	82,993	11,745	94,646	36,994	48,810	8,841
South Carolina . . . . .	636,824	220,847	259,883	156,094	555,043	197,494	206,662	150,887
South Dakota . . . . .	231,243	83,376	121,724	26,144	192,602	64,308	103,965	24,329
Tennessee . . . . .	1,221,397	460,797	681,553	79,046	926,157	333,491	526,398	66,268
Texas . . . . .	3,598,031	1,599,415	1,246,515	752,101	2,720,282	1,176,196	830,822	713,264
Utah . . . . .	517,033	178,276	314,188	24,569	346,878	119,428	206,024	21,426
Vermont . . . . .	181,605	75,567	82,661	23,378	123,670	55,303	48,992	19,374
Virginia . . . . .	1,122,366	490,554	503,606	128,205	742,970	348,906	296,046	98,018
Washington . . . . .	1,904,118	681,764	1,141,367	80,987	1,392,900	382,823	963,323	46,754
West Virginia . . . . .	358,677	129,335	175,304	54,038	292,715	96,651	144,910	51,154
Wisconsin . . . . .	1,820,946	560,361	1,014,052	246,533	1,338,191	419,778	702,315	216,098
Wyoming . . . . .	196,763	74,765	104,215	17,783	145,641	50,593	78,729	16,318

(continued)

**Table 56. Expenditures for Wildlife-Associated Recreation, by Participant's State of Residence: 1991—Continued**

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

Participant's state of residence	Primary nonconsumptive expenditures			
	Total	Trip-related	Equipment	Other
U.S., total .....	18,103,887	7,482,073	9,559,774	1,062,040
Alabama .....	179,909	73,608	101,967	4,334
Alaska .....	144,180	49,024	89,470	5,686
Arizona .....	320,355	101,911	208,033	10,410
Arkansas .....	188,643	44,868	135,913	7,862
California .....	2,605,192	1,157,836	1,236,851	210,506
Colorado .....	377,557	132,068	232,718	12,770
Connecticut .....	285,325	94,607	171,864	18,854
Delaware .....	38,351	15,714	20,314	2,323
Florida .....	1,184,837	556,366	570,620	57,852
Georgia .....	196,283	106,614	79,934	9,735
Hawaii .....	52,891	33,041	17,401	2,449
Idaho .....	68,017	39,563	25,171	3,283
Illinois .....	810,099	435,454	291,058	83,588
Indiana .....	259,419	119,869	127,608	11,942
Iowa .....	123,966	61,179	56,567	6,221
Kansas .....	88,761	45,768	36,088	6,904
Kentucky .....	181,378	59,936	112,475	8,967
Louisiana .....	221,788	60,678	152,910	8,201
Maine .....	110,374	39,660	65,591	5,123
Maryland .....	269,735	118,235	125,443	26,057
Massachusetts .....	488,270	216,609	228,170	43,491
Michigan .....	893,451	300,175	566,267	27,009
Minnesota .....	363,509	181,883	161,762	19,864
Mississippi .....	232,598	58,562	165,776	8,260
Missouri .....	439,932	126,749	302,797	10,386
Montana .....	102,205	34,174	63,986	4,045
Nebraska .....	77,532	38,632	32,997	5,903
Nevada .....	188,440	73,101	111,146	4,194
New Hampshire .....	117,911	31,212	80,316	6,382
New Jersey .....	460,123	210,435	218,087	31,601
New Mexico .....	209,371	61,194	140,029	8,148
New York .....	1,133,540	380,928	672,972	79,641
North Carolina .....	262,259	115,652	128,625	17,983
North Dakota .....	17,751	9,711	6,897	1,144
Ohio .....	548,142	275,703	226,089	46,349
Oklahoma .....	229,210	81,515	139,246	8,449
Oregon .....	362,111	119,014	227,909	15,189
Pennsylvania .....	1,123,040	456,147	619,372	47,521
Rhode Island .....	67,370	30,285	34,182	2,903
South Carolina .....	81,781	23,353	53,221	5,207
South Dakota .....	38,641	19,067	17,759	1,815
Tennessee .....	295,240	127,306	155,156	12,778
Texas .....	877,749	423,218	415,693	38,837
Utah .....	170,154	58,848	108,164	3,143
Vermont .....	57,936	20,263	33,668	4,004
Virginia .....	379,396	141,648	207,560	30,187
Washington .....	511,218	298,941	178,044	34,232
West Virginia .....	65,962	32,684	30,394	2,884
Wisconsin .....	482,755	140,584	311,737	30,434
Wyoming .....	51,122	24,171	25,486	1,465

Note: U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

**Table 57. Trip-Related Expenditures for Fishing, Hunting, and Primary Nonresidential Activities, by State Where Spending Took Place: 1991**

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

State where spending took place	Trip-related expenditures for fishing			Trip-related expenditures for hunting			Trip-related expenditures for primary nonresidential activities		
	Total residents and non-residents	Residents	Non-residents	Total residents and non-residents	Residents	Non-residents	Total residents and non-residents	Residents	Non-residents
U.S., total .....	11,847,750	8,673,239	3,170,073	3,440,604	2,635,862	804,550	7,482,073	3,457,664	4,024,409
Alabama .....	255,889	161,813	94,076	89,659	74,013	15,645	64,955	34,623	30,332
Alaska .....	239,530	72,954	166,576	44,325	25,595	*18,731	291,254	33,741	257,514
Arizona .....	156,874	100,212	56,662	38,740	27,595	*11,145	187,043	59,142	127,900
Arkansas .....	216,941	134,354	82,587	85,048	75,388	9,660	79,084	31,337	47,747
California .....	829,902	789,551	40,352	107,884	106,644	*1,240	929,358	678,176	251,183
Colorado .....	169,563	97,382	72,181	156,460	40,184	116,275	362,202	93,484	268,719
Connecticut .....	62,331	55,973	6,358	5,435	4,316	*1,118	29,226	20,263	8,963
Delaware .....	40,006	17,831	22,175	3,175	2,613	...	9,098	2,967	*6,130
Florida .....	1,202,344	822,215	380,129	84,859	81,934	...	706,728	306,425	400,303
Georgia .....	254,082	183,171	70,911	106,109	82,178	23,931	76,944	39,798	37,146
Hawaii .....	71,795	39,558	*32,237	9,697	4,781	...	223,770	13,174	210,596
Idaho .....	74,823	44,883	29,940	44,245	34,107	10,138	86,821	19,749	67,072
Illinois .....	243,387	225,440	17,947	56,440	48,554	*7,986	104,243	93,449	10,794
Indiana .....	193,801	164,507	29,294	56,094	47,054	*9,040	83,610	66,203	17,406
Iowa .....	72,584	59,758	12,826	46,558	27,960	18,598	37,059	24,990	12,069
Kansas .....	75,485	60,299	15,186	44,349	30,468	13,882	22,004	14,699	*7,305
Kentucky .....	162,327	130,867	31,460	71,892	54,248	*17,645	74,890	34,811	40,080
Louisiana .....	336,716	276,411	60,305	81,841	77,464	*4,376	49,019	28,230	20,790
Maine .....	115,603	54,397	61,206	31,606	16,336	15,270	130,870	22,417	108,454
Maryland .....	155,433	111,803	43,631	30,270	23,226	*7,044	92,042	40,564	51,479
Massachusetts .....	192,221	146,212	46,009	14,099	12,425	*1,673	117,656	64,733	52,923
Michigan .....	535,735	440,991	94,744	189,722	176,501	*13,221	267,141	166,778	100,362
Minnesota .....	456,900	337,539	119,361	84,662	74,393	*10,269	121,016	87,908	33,108
Mississippi .....	136,707	104,999	31,708	95,441	71,418	24,023	29,522	18,610	10,913
Missouri .....	309,527	203,648	105,879	82,167	68,779	13,388	119,382	61,411	57,971
Montana .....	121,376	35,909	85,467	105,698	30,439	75,259	212,037	19,334	192,703
Nebraska .....	45,783	42,109	3,675	37,695	24,798	12,898	26,340	15,115	11,225
Nevada .....	40,830	26,671	*14,159	18,687	15,657	...	67,986	23,317	44,669
New Hampshire .....	61,501	30,526	30,975	9,653	5,794	*3,859	90,226	13,624	76,602
New Jersey .....	366,274	256,162	110,112	30,213	24,314	*5,899	82,323	51,235	31,087
New Mexico .....	64,510	35,001	29,509	34,799	18,281	*16,518	118,964	25,615	93,350
New York .....	514,820	392,523	122,297	162,252	142,677	19,575	232,737	131,391	101,345
North Carolina .....	377,155	240,900	136,256	58,048	53,054	*4,994	156,161	53,901	102,259
North Dakota .....	20,872	18,400	*2,472	24,436	18,585	*5,851	9,804	4,891	*4,913
Ohio .....	391,532	350,769	40,762	67,838	60,336	*7,502	121,770	92,783	28,987
Oklahoma .....	196,442	161,031	35,411	54,291	48,210	*6,081	51,419	34,062	*17,357
Oregon .....	204,744	145,621	59,123	56,281	52,004	*4,278	168,959	78,485	90,474
Pennsylvania .....	265,956	217,474	48,482	165,805	132,491	33,314	219,540	161,245	58,294
Rhode Island .....	39,589	20,620	18,968	2,849	1,468	...	23,322	8,526	*14,796
South Carolina .....	241,392	125,033	116,359	61,813	40,249	21,564	91,250	9,823	81,427
South Dakota .....	39,070	31,862	7,208	47,944	23,111	24,833	51,632	11,090	40,541
Tennessee .....	258,988	179,995	78,993	77,224	61,072	16,152	148,829	76,167	72,662
Texas .....	791,806	737,682	54,124	282,938	243,259	39,679	244,879	202,862	42,017
Utah .....	96,460	57,073	39,386	41,436	31,283	*10,153	103,648	29,471	74,176
Vermont .....	44,733	20,522	24,211	32,646	13,487	*19,159	44,177	8,305	35,872
Virginia .....	200,075	159,595	40,480	84,624	76,004	8,620	145,965	55,730	90,235
Washington .....	284,635	251,389	33,246	66,504	64,729	*1,776	266,923	166,475	100,447
West Virginia .....	55,386	33,241	22,145	53,778	31,625	22,154	54,863	18,750	36,113
Wisconsin .....	475,540	239,108	236,432	150,673	119,249	31,425	212,129	92,589	119,540
Wyoming .....	82,433	27,256	55,177	51,509	15,514	35,995	228,085	15,194	212,890

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 58. Anglers and Hunters, by Sportsman's State of Residence: 1991**

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

Sportsman'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
U.S., total .....	189,966	39,979	21	25,916	14	4,402	2	9,662	5
Alabama .....	3,110	756	24	445	14	78	3	233	7
Alaska .....	369	152	41	97	26	11	3	44	12
Arizona .....	2,707	467	17	314	12	79	3	74	3
Arkansas .....	1,807	575	32	311	17	82	5	182	10
California .....	22,366	2,913	13	2,376	11	206	1	331	1
Colorado .....	2,514	639	25	433	17	72	3	134	5
Connecticut .....	2,500	351	14	301	12	...	...	42	2
Delaware .....	528	93	18	69	13	10	2	15	3
Florida .....	10,320	2,038	20	1,690	16	*70	*1	278	3
Georgia .....	4,840	1,071	22	735	15	84	2	252	5
Hawaii .....	842	154	18	136	16	*4	*1	13	2
Idaho .....	746	295	40	134	18	48	6	113	15
Illinois .....	8,899	1,670	19	1,213	14	167	2	290	3
Indiana .....	4,267	968	23	648	15	82	2	238	6
Iowa .....	2,164	628	29	382	18	98	5	147	7
Kansas .....	1,882	510	27	308	16	64	3	138	7
Kentucky .....	2,826	737	26	397	14	90	3	249	9
Louisiana .....	3,161	882	28	549	17	81	3	252	8
Maine .....	953	274	29	151	16	38	4	85	9
Maryland .....	3,659	598	16	449	12	50	1	99	3
Massachusetts .....	4,639	612	13	492	11	*29	*1	91	2
Michigan .....	7,014	1,691	24	906	13	254	4	531	8
Minnesota .....	3,308	1,206	36	754	23	96	3	356	11
Mississippi .....	1,914	590	31	298	16	85	4	208	11
Missouri .....	3,940	1,156	29	677	17	117	3	362	9
Montana .....	601	228	38	70	12	57	9	101	17
Nebraska .....	1,210	316	26	178	15	47	4	91	8
Nevada .....	914	180	20	123	13	20	2	37	4
New Hampshire .....	864	189	22	124	14	14	2	52	6
New Jersey .....	6,007	828	14	689	11	*39	*1	100	2
New Mexico .....	1,126	225	20	127	11	46	4	52	5
New York .....	13,803	1,917	14	1,229	9	261	2	427	3
North Carolina .....	5,104	1,153	23	752	15	101	2	300	6
North Dakota .....	477	162	34	73	15	36	8	53	11
Ohio .....	8,306	1,692	20	1,111	13	224	3	357	4
Oklahoma .....	2,411	704	29	475	20	55	2	174	7
Oregon .....	2,223	626	28	386	17	85	4	154	7
Pennsylvania .....	9,405	1,763	19	844	9	338	4	581	6
Rhode Island .....	777	101	13	85	11	*4	*(Z)	13	2
South Carolina .....	2,645	630	24	444	17	*35	*1	151	6
South Dakota .....	525	166	32	63	12	37	7	66	13
Tennessee .....	3,818	900	24	564	15	96	3	240	6
Texas .....	12,548	2,964	24	1,946	16	315	3	703	6
Utah .....	1,139	313	28	151	13	62	5	100	9
Vermont .....	446	131	29	62	14	21	5	48	11
Virginia .....	4,721	1,022	22	654	14	93	2	275	6
Washington .....	3,709	1,030	28	779	21	64	2	187	5
West Virginia .....	1,420	372	26	101	7	113	8	157	11
Wisconsin .....	3,700	1,180	32	533	14	210	6	436	12
Wyoming .....	345	141	41	67	19	25	7	48	14

Note: U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

(Z) Less than .5 percent.

**Table 59. Anglers and Hunters, In State and Out of State, by State of Residence: 1991**

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

Angler's or hunter's state of residence	Anglers						Hunters					
	Total		Fished in state of residence		Fished in other states		Total		Hunted in state of residence		Hunted in other states	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	35,578	100	32,281	91	8,442	24	14,063	100	13,370	95	1,807	13
Alabama .....	678	100	660	97	102	15	311	100	303	97	*32	*10
Alaska .....	141	100	139	99	6	5	55	100	54	98	*3	*5
Arizona .....	388	100	334	86	117	30	153	100	141	92	*18	*12
Arkansas .....	493	100	477	97	70	14	264	100	262	99	*18	*7
California .....	2,707	100	2,500	92	487	18	537	100	438	81	128	24
Colorado .....	567	100	509	90	155	27	206	100	194	94	*35	*17
Connecticut .....	343	100	282	82	156	46	50	100	40	79	*15	*30
Delaware .....	83	100	65	78	38	45	25	100	21	86	*8	*31
Florida .....	1,968	100	1,812	92	335	17	348	100	242	70	151	43
Georgia .....	987	100	906	92	296	30	336	100	330	98	*46	*14
Hawaii .....	149	100	137	92	22	15	17	100	15	83	...	...
Idaho .....	247	100	232	94	51	20	161	100	158	98	*8	*5
Illinois .....	1,503	100	1,222	81	664	44	457	100	407	89	106	23
Indiana .....	886	100	799	90	240	27	320	100	310	97	*30	*9
Iowa .....	529	100	465	88	162	31	246	100	245	100	*13	*5
Kansas .....	445	100	369	83	154	34	202	100	193	96	*28	*14
Kentucky .....	647	100	600	93	134	21	340	100	331	97	44	13
Louisiana .....	801	100	769	96	116	15	333	100	300	90	84	25
Maine .....	236	100	233	99	18	8	123	100	123	100	...	...
Maryland .....	549	100	467	85	195	35	149	100	129	87	46	31
Massachusetts .....	583	100	497	85	261	45	120	100	101	84	51	43
Michigan .....	1,437	100	1,419	99	154	11	785	100	783	100	*33	*4
Minnesota .....	1,109	100	1,083	98	124	11	452	100	431	95	54	12
Mississippi .....	506	100	488	96	78	15	292	100	289	99	*25	*9
Missouri .....	1,039	100	961	92	260	25	479	100	465	97	65	14
Montana .....	171	100	164	96	20	12	158	100	158	100	...	...
Nebraska .....	269	100	224	83	100	37	138	100	134	97	17	*12
Nevada .....	160	100	110	68	90	56	57	100	46	81	19	33
New Hampshire .....	176	100	155	89	61	35	65	100	62	95	*10	*15
New Jersey .....	789	100	695	88	300	38	139	100	115	83	53	38
New Mexico .....	179	100	159	89	36	20	98	100	91	93	*12	*12
New York .....	1,656	100	1,458	88	375	23	688	100	677	98	*30	*4
North Carolina .....	1,052	100	990	94	180	17	401	100	376	94	73	18
North Dakota .....	126	100	82	65	56	44	89	100	86	96	10	11
Ohio .....	1,468	100	1,342	91	410	28	580	100	570	98	70	12
Oklahoma .....	649	100	623	96	130	20	229	100	219	96	33	15
Oregon .....	540	100	516	96	82	15	240	100	237	99	...	...
Pennsylvania .....	1,425	100	1,190	83	510	36	919	100	906	99	*91	*10
Rhode Island .....	97	100	87	90	35	36	16	100	13	77	9	56
South Carolina .....	595	100	560	94	87	15	186	100	178	96	*19	*10
South Dakota .....	129	100	117	91	28	22	103	100	99	96	*8	*8
Tennessee .....	804	100	708	88	234	29	336	100	313	93	59	18
Texas .....	2,650	100	2,385	90	470	18	1,018	100	988	97	*65	*6
Utah .....	251	100	226	90	74	30	162	100	158	97	*12	*7
Vermont .....	110	100	101	92	26	24	69	100	69	100	*9	*13
Virginia .....	929	100	810	87	322	35	368	100	353	96	*44	*12
Washington .....	967	100	873	90	199	21	251	100	236	94	*34	*13
West Virginia .....	259	100	235	91	81	31	271	100	268	99	*18	*7
Wisconsin .....	970	100	940	97	102	11	647	100	643	99	53	8
Wyoming .....	115	100	108	93	22	19	74	100	73	99	*4	*5

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 60. Anglers and Hunters, by State Where Fishing or Hunting Took Place: 1991**

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

State where fishing or hunting took place	Anglers						Hunters					
	Total anglers, residents and nonresidents		Residents		Nonresidents		Total hunters, residents and nonresidents		Residents		Nonresidents	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	35,578	100	32,281	91	8,442	24	14,063	100	13,370	95	1,807	13
Alabama .....	909	100	660	73	249	27	359	100	303	84	56	16
Alaska .....	309	100	139	45	170	55	69	100	54	79	*15	*21
Arizona .....	480	100	334	70	146	30	182	100	141	77	*41	*23
Arkansas .....	769	100	477	62	292	38	314	100	262	83	53	17
California .....	2,677	100	2,500	93	177	7	446	100	438	98	*9	*2
Colorado .....	778	100	509	65	270	35	348	100	194	56	155	44
Connecticut .....	345	100	282	82	62	18	57	100	40	70	*17	*30
Delaware .....	155	100	65	42	90	58	26	100	21	81	...	...
Florida .....	2,677	100	1,812	68	865	32	253	100	242	96	...	...
Georgia .....	1,106	100	906	82	200	18	412	100	330	80	82	20
Hawaii .....	201	100	137	68	*65	*32	18	100	15	79	...	...
Idaho .....	365	100	232	64	133	36	193	100	158	82	35	18
Illinois .....	1,359	100	1,222	90	137	10	449	100	407	91	*42	*9
Indiana .....	986	100	799	81	187	19	331	100	310	93	*22	*7
Iowa .....	556	100	465	84	91	16	328	100	245	75	83	25
Kansas .....	453	100	369	81	84	19	241	100	193	80	48	20
Kentucky .....	766	100	600	78	167	22	370	100	331	89	*39	*11
Louisiana .....	899	100	769	86	130	14	332	100	300	91	*31	*9
Maine .....	449	100	233	52	216	48	165	100	123	74	43	26
Maryland .....	700	100	467	67	233	33	147	100	129	88	*18	*12
Massachusetts .....	652	100	497	76	156	24	108	100	101	93	*7	*7
Michigan .....	1,762	100	1,419	81	344	19	826	100	783	95	43	5
Minnesota .....	1,450	100	1,083	75	367	25	458	100	431	94	27	6
Mississippi .....	663	100	488	74	175	26	364	100	289	79	75	21
Missouri .....	1,329	100	961	72	368	28	520	100	465	89	55	11
Montana .....	342	100	164	48	178	52	223	100	158	71	65	29
Nebraska .....	252	100	224	89	28	11	168	100	134	80	34	20
Nevada .....	171	100	110	64	*61	*36	57	100	46	82	...	...
New Hampshire .....	319	100	155	49	164	51	73	100	62	86	*10	*14
New Jersey .....	963	100	695	72	268	28	135	100	115	85	*21	*15
New Mexico .....	281	100	159	57	121	43	109	100	91	84	*17	*16
New York .....	1,836	100	1,458	79	377	21	742	100	677	91	65	9
North Carolina .....	1,481	100	990	67	491	33	398	100	376	94	*22	*6
North Dakota .....	99	100	82	83	*17	*17	98	100	86	87	*13	*13
Ohio .....	1,515	100	1,342	89	173	11	615	100	570	93	*45	*7
Oklahoma .....	804	100	623	78	180	22	244	100	219	89	*26	*11
Oregon .....	717	100	516	72	201	28	253	100	237	94	*16	*6
Pennsylvania .....	1,397	100	1,190	85	207	15	1,027	100	906	88	121	12
Rhode Island .....	171	100	87	51	84	49	22	100	13	57	...	...
South Carolina .....	842	100	560	67	282	33	235	100	178	76	57	24
South Dakota .....	158	100	117	74	41	26	147	100	99	67	48	33
Tennessee .....	996	100	708	71	288	29	361	100	313	87	48	13
Texas .....	2,589	100	2,385	92	204	8	1,060	100	988	93	72	7
Utah .....	317	100	226	71	91	29	177	100	158	89	*19	*11
Vermont .....	181	100	101	56	80	44	101	100	69	69	*31	*31
Virginia .....	1,034	100	810	78	224	22	402	100	353	88	49	12
Washington .....	995	100	873	88	122	12	248	100	236	95	*11	*5
West Virginia .....	339	100	235	69	104	31	342	100	268	78	74	22
Wisconsin .....	1,470	100	940	64	530	36	747	100	643	86	104	14
Wyoming .....	301	100	108	36	193	64	135	100	73	54	62	46

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, as described in the statistical reliability appendix.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 61. Hunters, by Type of Hunting and State Where Hunting Took Place: 1991**

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

State where hunting took place			Type of hunting									
	Total, all hunting		Big game		Small game		Migratory bird		Other animals			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
U.S., total .....	14,063	100	10,745	76	7,642	54	3,009	21	1,411	10		
Alabama .....	359	100	262	73	160	44	104	29	*17	*5		
Alaska .....	69	100	60	87	24	35	13	19	*3	*5		
Arizona.....	182	100	103	57	68	37	71	39				
Arkansas .....	314	100	249	79	138	44	75	24	*19	*6		
California .....	446	100	195	44	230	52	234	53				
Colorado .....	348	100	286	82	89	25	58	17	*15	*4		
Connecticut.....	57	100	30	53	36	64	*8	*14				
Delaware .....	26	100	16	60	12	44	15	57				
Florida .....	253	100	191	76	126	50	67	26	*22	*9		
Georgia .....	412	100	329	80	167	41	77	19	*19	*5		
Hawaii .....	18	100	16	86	*5	*28						
Idaho .....	193	100	160	83	79	41	26	14	21	11		
Illinois.....	449	100	256	57	296	66	121	27	*40	*9		
Indiana.....	331	100	206	62	228	69	38	12	47	14		
Iowa .....	328	100	156	48	271	83	26	8	36	11		
Kansas.....	241	100	71	30	199	83	54	22	23	9		
Kentucky .....	370	100	209	56	252	68	81	22	58	16		
Louisiana.....	332	100	203	61	212	64	127	38	*18	*5		
Maine.....	165	100	158	95	66	40	*12	*7	*14	*9		
Maryland .....	147	100	102	70	64	44	34	23	*25	*17		
Massachusetts.....	108	100	85	78	58	54	*18	*17	*13	*12		
Michigan .....	826	100	757	92	401	49	92	11	*30	*4		
Minnesota .....	458	100	336	73	261	57	84	18	*19	*4		
Mississippi.....	364	100	305	84	190	52	86	24	36	10		
Missouri .....	520	100	411	79	296	57	81	16	43	8		
Montana.....	223	100	202	91	62	28	20	9	20	9		
Nebraska.....	168	100	67	40	137	81	48	29	28	16		
Nevada .....	57	100	28	50	35	61	18	32	*7	*12		
New Hampshire.....	73	100	62	86	35	49	*7	*10	*5	*7		
New Jersey.....	135	100	101	75	80	59	*26	*20				
New Mexico .....	109	100	87	80	29	26	23	21	*7	*7		
New York.....	742	100	666	90	330	45	*60	*8	*81	*11		
North Carolina .....	398	100	288	72	224	56	94	24	*31	*8		
North Dakota .....	98	100	58	59	60	61	34	34	16	16		
Ohio .....	615	100	390	63	436	71	*36	*6	142	23		
Oklahoma .....	244	100	130	53	166	68	77	31	*16	*7		
Oregon.....	253	100	223	88	64	25	33	13	*9	*4		
Pennsylvania .....	1,027	100	969	94	597	58	111	11	144	14		
Rhode Island .....	22	100	16	72	12	57	*3	*12				
South Carolina .....	235	100	184	78	90	38	70	30	*10	*4		
South Dakota .....	147	100	69	47	118	80	39	26	26	18		
Tennessee .....	361	100	231	64	227	63	73	20	58	16		
Texas.....	1,060	100	739	70	413	39	470	44	*73	*7		
Utah .....	177	100	151	85	63	36	20	11				
Vermont.....	101	100	93	92	43	43	*6	*5	24	24		
Virginia.....	402	100	328	82	209	52	93	23	65	16		
Washington .....	248	100	197	80	105	43	51	21	*24	*10		
West Virginia .....	342	100	308	90	201	59	*6	*2	51	15		
Wisconsin .....	747	100	672	90	302	40	108	15	41	5		
Wyoming .....	135	100	123	91	29	21	*6	*5	*10	*7		

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 62. Days of Hunting, by State Where Hunting Took Place and Hunter's State of Residence: 1991**

(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
U.S., total .....	235,806	100	220,125	93	15,681	7	235,806	100	220,125	93	15,681	7
Alabama .....	5,823	100	5,408	93	414	7	5,748	100	5,408	94	*340	*6
Alaska .....	847	100	709	84	*138	*16	737	100	709	96	28	4
Arizona .....	1,555	100	1,389	89	*167	*11	1,516	100	1,389	92	*127	*8
Arkansas .....	5,513	100	5,007	91	506	9	5,177	100	5,007	97	*170	*3
California .....	5,211	100	5,192	99	*19	*(Z)	6,369	100	5,192	82	1,177	18
Colorado .....	2,644	100	1,592	60	1,052	40	1,838	100	1,592	87	246	13
Connecticut .....	840	100	767	91	*73	*9	936	100	767	82	168	18
Delaware .....	410	100	372	91	...	...	424	100	372	88	53	12
Florida .....	4,545	100	4,520	99	...	...	5,946	100	4,520	76	1,425	24
Georgia .....	5,905	100	5,399	91	506	9	5,695	100	5,399	95	296	5
Hawaii .....	245	100	239	98	...	...	289	100	239	83	*50	*17
Idaho .....	2,168	100	1,941	90	226	10	1,985	100	1,941	98	*44	*2
Illinois .....	6,863	100	6,514	95	349	5	7,238	100	6,514	90	724	10
Indiana .....	7,155	100	6,930	97	*226	*3	7,208	100	6,930	96	279	4
Iowa .....	4,005	100	3,616	90	389	10	3,735	100	3,616	97	*119	*3
Kansas .....	2,821	100	2,560	91	262	9	2,862	100	2,560	89	302	11
Kentucky .....	6,042	100	5,828	96	215	4	6,112	100	5,828	95	285	5
Louisiana .....	6,676	100	6,447	97	*229	*3	7,398	100	6,447	87	951	13
Maine .....	2,347	100	1,977	84	370	16	1,998	100	1,977	99	*21	*1
Maryland .....	2,276	100	2,160	95	*115	*5	2,491	100	2,160	87	331	13
Massachusetts .....	1,426	100	1,388	97	*38	*3	1,973	100	1,388	70	585	30
Michigan .....	15,088	100	14,734	98	355	2	14,955	100	14,734	99	*222	*1
Minnesota .....	5,235	100	4,740	91	495	9	5,137	100	4,740	92	397	8
Mississippi .....	8,621	100	7,801	91	817	9	7,986	100	7,801	98	185	2
Missouri .....	7,196	100	6,809	95	388	5	7,269	100	6,809	94	461	6
Montana .....	2,591	100	1,940	75	651	25	1,950	100	1,940	99	...	...
Nebraska .....	2,251	100	1,959	87	293	13	2,055	100	1,959	95	96	5
Nevada .....	565	100	466	82	...	...	586	100	466	80	120	20
New Hampshire .....	1,118	100	1,014	91	*104	*9	1,111	100	1,014	91	98	9
New Jersey .....	2,363	100	2,167	92	*196	*8	2,564	100	2,167	85	397	15
New Mexico .....	1,088	100	939	86	*150	*14	1,021	100	939	92	*82	*8
New York .....	13,110	100	12,571	96	539	4	12,788	100	12,571	98	*217	*2
North Carolina .....	6,849	100	6,679	98	*170	*2	7,412	100	6,679	90	733	10
North Dakota .....	1,297	100	1,182	91	*115	*9	1,266	100	1,182	93	84	7
Ohio .....	9,013	100	8,668	96	345	4	9,451	100	8,668	92	782	8
Oklahoma .....	3,676	100	3,532	96	*144	*4	3,803	100	3,532	93	271	7
Oregon .....	2,554	100	2,468	97	*86	*3	2,506	100	2,468	98	*38	*2
Pennsylvania .....	15,639	100	14,766	94	874	6	15,626	100	14,766	94	860	6
Rhode Island .....	350	100	243	69	...	...	340	100	243	72	97	28
South Carolina .....	3,945	100	3,438	87	508	13	3,619	100	3,438	95	*181	*5
South Dakota .....	1,878	100	1,626	87	252	13	1,688	100	1,626	96	63	4
Tennessee .....	7,315	100	6,873	94	443	6	7,595	100	6,873	90	723	10
Texas .....	15,028	100	14,596	97	432	3	14,953	100	14,596	98	*357	*2
Utah .....	1,354	100	1,294	96	*60	*4	1,402	100	1,294	92	*108	*8
Vermont .....	1,777	100	1,455	82	323	18	1,541	100	1,455	94	86	6
Virginia .....	8,728	100	8,234	94	494	6	8,570	100	8,234	96	336	4
Washington .....	3,386	100	3,352	99	*34	*1	3,546	100	3,352	95	*194	*5
West Virginia .....	6,104	100	5,345	88	759	12	5,677	100	5,345	94	332	6
Wisconsin .....	11,324	100	10,572	93	752	7	10,983	100	10,572	96	411	4
Wyoming .....	1,054	100	712	68	342	32	733	100	712	97	*21	*3

Note: State totals do not include responses by participants who did not indicate the State where the hunting took place. U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

(Z) Less than .5 percent.

**Table 63. Days of Hunting, by Type of Hunting and State Where Hunting Took Place: 1991**

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

State where hunting took place	Total, all hunting		Type of hunting							
			Big game		Small game		Migratory bird		Other animals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	235,806	100	128,411	54	77,132	33	22,235	9	19,340	8
Alabama .....	5,823	100	3,705	64	1,590	27	358	6	*361	*6
Alaska .....	847	100	612	72	233	27	90	11	*27	*3
Arizona.....	1,555	100	886	57	434	28	255	16	...	...
Arkansas .....	5,513	100	3,194	58	1,587	29	620	11	*246	*4
California .....	5,211	100	2,225	43	1,734	33	1,272	24	...	...
Colorado .....	2,644	100	1,934	73	523	20	263	10	*97	*4
Connecticut.....	840	100	491	58	240	29	*87	*10	...	...
Delaware .....	410	100	162	39	117	29	130	32	...	...
Florida .....	4,545	100	2,820	62	1,304	29	319	7	*325	*7
Georgia .....	5,905	100	4,419	75	1,088	18	416	7	*302	*5
Hawaii .....	245	100	191	78	*40	*16	...	...	...	...
Idaho .....	2,168	100	1,248	58	604	28	240	11	190	9
Illinois.....	6,863	100	2,632	38	2,604	38	1,620	24	*191	*3
Indiana.....	7,155	100	3,212	45	3,271	46	223	3	888	12
Iowa .....	4,005	100	1,188	30	2,440	61	185	5	406	10
Kansas.....	2,821	100	681	24	1,634	58	255	9	435	15
Kentucky .....	6,042	100	2,032	34	2,839	47	503	8	984	16
Louisiana.....	6,676	100	3,138	47	2,535	38	1,044	16	*172	*3
Maine .....	2,347	100	1,496	64	708	30	*99	*4	*213	*9
Maryland .....	2,276	100	1,434	63	520	23	210	9	*195	*9
Massachusetts .....	1,426	100	558	39	606	43	*139	*10	*193	*14
Michigan .....	15,088	100	9,219	61	5,328	35	722	5	*429	*3
Minnesota .....	5,235	100	2,245	43	2,286	44	735	14	*329	*6
Mississippi.....	8,607	100	5,767	67	2,179	25	479	6	526	6
Missouri .....	7,196	100	3,513	49	2,790	39	488	7	535	7
Montana.....	2,591	100	1,983	77	396	15	112	4	207	8
Nebraska.....	2,251	100	479	21	1,218	54	340	15	344	15
Nevada .....	565	100	213	38	235	42	117	21	*40	*7
New Hampshire .....	1,118	100	688	62	405	36	*62	*6	*51	*5
New Jersey .....	2,363	100	1,222	52	835	35	*308	*13	...	...
New Mexico .....	1,088	100	600	55	272	25	196	18	*68	*6
New York.....	13,110	100	8,297	63	3,655	28	*501	*4	*1,271	*10
North Carolina .....	6,849	100	4,145	61	1,986	29	456	7	*503	*7
North Dakota .....	1,297	100	346	27	593	46	249	19	153	12
Ohio .....	9,013	100	3,505	39	3,973	44	*384	*4	1,461	16
Oklahoma .....	3,676	100	1,719	47	1,348	37	361	10	*331	*9
Oregon.....	2,554	100	1,905	75	410	16	290	11	*83	*3
Pennsylvania .....	15,639	100	9,606	61	4,753	30	744	5	1,147	7
Rhode Island .....	350	100	187	53	112	32	*24	*7	...	...
South Carolina .....	3,945	100	2,703	69	793	20	501	13	*257	*7
South Dakota .....	1,878	100	458	24	1,012	54	386	21	189	10
Tennessee .....	7,315	100	3,544	48	2,605	36	487	7	859	12
Texas.....	15,028	100	7,667	51	3,366	22	4,066	27	*1,246	*8
Utah .....	1,354	100	983	73	282	21	111	8	...	...
Vermont.....	1,777	100	1,037	58	539	30	*48	*3	293	16
Virginia.....	8,728	100	5,216	60	2,117	24	482	6	1,326	15
Washington .....	3,386	100	1,780	53	996	29	516	15	*335	*10
West Virginia .....	6,104	100	3,364	55	2,110	35	...	...	937	15
Wisconsin .....	11,324	100	6,936	61	3,703	33	694	6	352	3
Wyoming .....	1,054	100	826	78	184	17	*25	*2	*101	*10

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 64. Expenditures for Hunting, by Hunter's State of Residence: 1991**

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

Hunter's state of residence	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	
U.S., total . . . . .	12,336,435	3,440,604	1,824,117	1,338,671	277,817	5,168,524	3,283,413	635,334	1,249,777	3,727,307
Alabama . . . . .	275,883	86,677	45,428	36,537	4,712	120,648	82,795	11,329	*26,523	68,559
Alaska . . . . .	88,589	26,837	11,166	13,735	1,937	36,158	20,844	6,927	*8,386	25,594
Arizona . . . . .	153,601	39,448	21,426	16,670	...	99,917	40,483	6,713	...	14,236
Arkansas . . . . .	288,060	91,235	50,891	28,388	11,956	131,900	66,935	8,523	*56,442	64,926
California . . . . .	643,150	178,786	81,119	82,112	*15,555	293,006	177,638	37,200	...	171,358
Colorado . . . . .	154,499	50,155	27,929	19,049	*3,177	74,187	49,809	15,600	...	30,157
Connecticut . . . . .	43,335	14,606	5,553	5,576	...	20,074	16,076	*3,998	...	8,655
Delaware . . . . .	20,546	4,868	2,503	1,639	*726	8,352	7,064	989	...	7,326
Florida . . . . .	323,749	152,599	79,232	57,312	16,054	104,315	77,854	12,072	...	66,836
Georgia . . . . .	276,057	107,112	61,178	36,387	9,546	133,790	105,278	13,362	...	35,155
Hawaii . . . . .	17,250	8,190	2,097	5,246	...	8,437	4,968	*571	...	623
Idaho . . . . .	97,947	35,558	18,239	16,485	...	53,321	30,263	6,862	...	9,069
Illinois . . . . .	326,957	81,636	40,265	28,097	13,275	144,956	121,989	18,060	...	100,365
Indiana . . . . .	243,627	69,179	32,391	25,066	*11,722	131,182	84,993	9,890	...	43,267
Iowa . . . . .	170,632	34,758	19,172	15,298	*288	72,515	41,276	7,258	...	63,359
Kansas . . . . .	125,617	42,319	18,469	18,418	*5,432	74,163	48,295	3,688	...	9,134
Kentucky . . . . .	236,506	68,496	39,542	27,225	*1,729	146,251	84,254	10,331	*51,666	21,759
Louisiana . . . . .	433,808	119,029	67,599	40,941	10,489	161,033	101,816	17,211	*42,006	153,746
Maine . . . . .	66,716	18,575	10,857	7,343	*375	27,017	17,591	3,621	...	21,124
Maryland . . . . .	161,422	37,472	20,903	14,122	*2,448	78,341	50,342	9,488	...	45,608
Massachusetts . . . . .	113,459	31,290	18,850	10,700	...	51,552	42,886	6,841	...	30,617
Michigan . . . . .	873,442	205,197	119,964	74,612	10,621	464,424	173,937	44,021	*246,466	203,822
Minnesota . . . . .	289,689	96,885	55,361	34,420	*7,104	110,842	86,012	20,735	...	81,963
Mississippi . . . . .	402,096	81,454	37,334	31,330	12,790	215,326	87,472	13,205	...	105,315
Missouri . . . . .	339,226	84,524	45,426	36,595	*2,503	123,185	82,067	12,393	*28,725	131,517
Montana . . . . .	88,196	30,902	14,847	15,168	...	47,477	30,947	9,265	*7,265	9,817
Nebraska . . . . .	67,626	27,953	13,607	13,715	*630	32,161	25,158	3,184	...	7,511
Nevada . . . . .	65,345	21,623	11,131	8,769	*1,723	38,335	19,415	3,213	...	5,387
New Hampshire . . . . .	44,051	10,375	5,667	3,747	...	24,835	13,726	3,530	...	8,841
New Jersey . . . . .	123,625	50,056	26,100	16,804	*7,153	38,039	28,928	8,827	...	35,530
New Mexico . . . . .	57,082	23,102	14,034	7,865	1,202	27,371	22,626	4,253	...	6,610
New York . . . . .	504,491	155,483	101,587	47,136	*6,760	213,717	158,440	42,032	...	135,291
North Carolina . . . . .	270,660	82,716	36,712	33,560	12,444	133,601	103,063	12,885	...	54,343
North Dakota . . . . .	51,770	21,967	10,626	10,896	*444	24,871	19,383	4,223	...	4,932
Ohio . . . . .	381,711	89,982	49,956	38,278	*1,748	205,131	132,680	21,903	...	86,597
Oklahoma . . . . .	158,708	62,016	33,677	27,424	*915	54,791	42,534	8,413	...	41,900
Oregon . . . . .	122,739	54,132	27,914	24,284	*1,933	53,852	38,300	8,193	...	14,755
Pennsylvania . . . . .	536,917	205,665	106,235	73,782	*25,649	245,663	190,811	49,405	...	85,588
Rhode Island . . . . .	20,785	4,502	2,509	1,759	...	9,623	7,500	*883	...	6,661
South Carolina . . . . .	128,010	45,319	20,763	17,234	7,322	61,677	48,996	10,832	...	21,014
South Dakota . . . . .	78,955	25,639	13,672	11,439	*527	39,583	23,910	3,710	...	13,733
Tennessee . . . . .	311,721	85,769	41,569	37,636	6,565	176,857	108,014	18,011	*50,832	49,094
Texas . . . . .	1,006,433	265,479	131,666	99,709	34,104	300,790	194,830	40,684	*65,277	440,163
Utah . . . . .	86,214	34,630	19,638	13,678	*1,314	39,756	20,339	5,766	*13,651	11,828
Vermont . . . . .	48,186	16,997	10,587	6,193	*217	21,366	18,923	2,201	...	9,824
Virginia . . . . .	255,822	87,390	42,784	39,171	5,436	90,886	72,123	8,722	...	77,546
Washington . . . . .	191,609	78,202	36,693	37,325	*4,183	92,711	69,665	17,813	...	20,697
West Virginia . . . . .	165,081	37,765	22,274	15,180	*311	82,050	57,894	9,195	...	45,266
Wisconsin . . . . .	504,072	139,294	88,026	47,342	*3,927	205,994	117,433	32,617	*55,943	158,784
Wyoming . . . . .	50,249	16,761	8,947	7,276	*537	22,498	14,839	4,686	...	10,990

Note: U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 65. Freshwater (Except Great Lakes) Anglers and Days of Fishing, by State Where Fishing Took Place: 1991**

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

State where fishing took place	Anglers						Days of fishing					
	Total anglers, residents and nonresidents		Residents		Nonresidents		Total days, residents and nonresidents		Days by state residents		Days by nonresidents	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	30,186	100	27,655	92	6,038	20	430,922	100	380,563	88	50,352	12
Alabama .....	831	100	626	75	205	25	11,215	100	9,918	88	1,298	12
Alaska .....	213	100	111	52	102	48	2,086	100	1,279	61	807	39
Arizona .....	480	100	334	70	146	30	4,074	100	3,360	82	714	18
Arkansas .....	769	100	477	62	292	38	11,002	100	8,727	79	2,274	21
California .....	2,118	100	2,014	95	104	5	18,712	100	18,079	97	633	3
Colorado .....	778	100	509	65	270	35	6,284	100	4,664	74	1,620	26
Connecticut .....	255	100	220	86	35	14	3,460	100	3,105	90	354	10
Delaware .....	45	100	38	85	...	...	569	100	499	88	...	...
Florida .....	1,311	100	1,063	81	248	19	15,465	100	14,175	92	1,290	8
Georgia .....	1,066	100	892	84	174	16	15,341	100	14,269	93	1,073	7
Hawaii .....	32	100	30	93	...	...	207	100	202	98	...	...
Idaho .....	365	100	232	64	133	36	3,157	100	2,495	79	662	21
Illinois .....	1,262	100	1,136	90	127	10	15,626	100	14,788	95	838	5
Indiana .....	928	100	770	83	158	17	11,793	100	10,744	91	1,049	9
Iowa .....	556	100	465	84	91	16	6,062	100	5,498	91	564	9
Kansas .....	453	100	369	81	84	19	4,981	100	4,536	91	445	9
Kentucky .....	766	100	600	78	167	22	9,861	100	8,744	89	1,117	11
Louisiana .....	785	100	684	87	101	13	12,027	100	11,293	94	734	6
Maine .....	361	100	215	60	146	40	3,960	100	3,152	80	808	20
Maryland .....	392	100	302	77	91	23	4,354	100	3,503	80	852	20
Massachusetts .....	373	100	330	88	43	12	6,011	100	5,659	94	352	6
Michigan .....	1,305	100	1,132	87	173	13	14,816	100	13,327	90	1,489	10
Minnesota .....	1,440	100	1,080	75	360	25	17,959	100	15,188	85	2,771	15
Mississippi .....	565	100	439	78	126	22	8,338	100	7,432	89	906	11
Missouri .....	1,329	100	961	72	368	28	15,136	100	12,368	82	2,768	18
Montana .....	342	100	164	48	178	52	3,156	100	1,872	59	1,284	41
Nebraska .....	252	100	224	89	28	11	2,734	100	2,593	95	141	5
Nevada .....	171	100	110	64	*61	*36	1,218	100	957	79	*261	*21
New Hampshire .....	267	100	139	52	128	48	2,720	100	2,138	79	582	21
New Jersey .....	411	100	354	86	*57	*14	5,911	100	5,146	87	*765	*13
New Mexico .....	281	100	159	57	121	43	1,943	100	1,366	70	577	30
New York .....	1,206	100	1,031	86	175	14	15,497	100	13,867	89	1,629	11
North Carolina .....	1,019	100	830	81	189	19	13,015	100	12,021	92	993	8
North Dakota .....	99	100	82	83	*17	*17	993	100	875	88	*118	*12
Ohio .....	1,206	100	1,122	93	85	7	14,450	100	14,064	97	387	3
Oklahoma .....	804	100	623	78	180	22	12,079	100	10,394	86	1,686	14
Oregon .....	605	100	457	76	147	24	6,490	100	5,817	90	674	10
Pennsylvania .....	1,379	100	1,178	85	201	15	23,792	100	21,972	92	1,820	8
Rhode Island .....	66	100	50	76	*16	*24	1,049	100	944	90	*104	*10
South Carolina .....	645	100	512	79	133	21	9,329	100	7,917	85	1,412	15
South Dakota .....	158	100	117	74	41	26	1,722	100	1,436	83	286	17
Tennessee .....	996	100	708	71	288	29	13,690	100	11,403	83	2,286	17
Texas .....	2,074	100	1,933	93	141	7	29,092	100	27,985	96	1,107	4
Utah .....	317	100	226	71	91	29	2,672	100	2,044	76	628	24
Vermont .....	181	100	101	56	80	44	2,258	100	1,674	74	584	26
Virginia .....	780	100	642	82	137	18	10,504	100	9,655	92	849	8
Washington .....	681	100	626	92	56	8	8,583	100	8,285	97	298	3
West Virginia .....	339	100	235	69	104	31	4,107	100	3,440	84	667	16
Wisconsin .....	1,339	100	895	67	444	33	19,003	100	14,499	76	4,504	24
Wyoming .....	301	100	108	36	193	64	2,348	100	1,199	51	1,150	49

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, as described in the statistical reliability appendix.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 66. Great Lakes Anglers and Days of Great Lakes Fishing, by State Where Fishing Took Place: 1991**

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

State where fishing took place	Anglers						Days of fishing					
	Total anglers, residents and nonresidents		Residents		Nonresidents		Total days, residents and nonresidents		Days by state residents		Days by nonresidents	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	2,552	100	2,121	83	585	23	25,335	100	21,477	85	3,852	15
Illinois.....	238	100	216	91	*22	*9	1,382	100	1,325	96	*57	*4
Indiana.....	97	100	68	70	*29	*30	573	100	453	79	*119	*21
Michigan.....	886	100	687	78	199	22	11,060	100	9,907	90	1,154	10
Minnesota.....	52	100	*33	*63	*19	*37	303	100	*195	*64	*109	*36
New York.....	458	100	319	70	139	30	4,426	100	3,727	84	699	16
Ohio.....	629	100	537	85	92	15	4,602	100	3,959	86	644	14
Pennsylvania.....	*85	*100	*78	*91	...	...	*629	*100	*571	*91	...	...
Wisconsin.....	301	100	184	61	117	39	2,353	100	1,342	57	1,011	43

Note: For the U.S. row, detail does not add to total because of multiple responses.

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 67. Saltwater Anglers and Days of Saltwater Fishing, by State Where Fishing Took Place: 1991**

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

State where fishing took place	Anglers						Days of fishing					
	Total anglers, residents and nonresidents		Residents		Nonresidents		Total days, residents and nonresidents		Days by state residents		Days by nonresidents	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S., total .....	8,885	100	6,757	76	2,618	29	74,696	100	62,298	83	12,362	17
Alabama.....	137	100	87	63	*51	*37	1,173	100	908	77	*265	*23
Alaska.....	183	100	85	47	98	53	1,066	100	672	63	393	37
California.....	1,057	100	979	93	78	7	5,499	100	5,235	95	264	5
Connecticut.....	145	100	115	79	*30	*21	1,226	100	1,147	94	*79	*6
Delaware.....	130	100	43	33	87	67	759	100	414	54	346	46
Florida.....	2,051	100	1,352	66	698	34	22,633	100	19,616	87	3,017	13
Georgia.....	72	100	*42	*58	*30	*42	606	100	*463	*76	*143	*24
Hawaii.....	192	100	127	66	*65	*34	2,189	100	2,060	94	*129	*6
Louisiana.....	240	100	199	83	*41	*17	2,612	100	2,189	84	*423	*16
Maine.....	143	100	65	46	78	54	843	100	506	60	337	40
Maryland.....	431	100	274	63	158	37	2,526	100	2,000	79	526	21
Massachusetts.....	393	100	276	70	117	30	3,282	100	2,559	78	723	22
Mississippi.....	148	100	96	65	*52	*35	807	100	657	81	*151	*19
New Hampshire.....	75	100	38	50	*38	*50	293	100	141	48	*152	*52
New Jersey.....	746	100	510	68	235	32	6,071	100	4,583	75	1,488	25
New York.....	491	100	398	81	94	19	3,598	100	3,191	89	407	11
North Carolina.....	626	100	302	48	324	52	3,525	100	2,251	64	1,274	36
Oregon.....	225	100	157	70	68	30	1,072	100	894	83	177	17
Rhode Island.....	125	100	53	43	71	57	1,091	100	666	61	425	39
South Carolina.....	298	100	120	40	178	60	1,555	100	776	50	780	50
Texas.....	828	100	758	92	70	8	6,823	100	6,506	95	317	5
Virginia.....	339	100	251	74	89	26	1,853	100	1,562	84	291	16
Washington.....	504	100	430	85	73	15	3,557	100	3,303	93	254	7

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, as described in the statistical reliability appendix.

\* Estimate based on a small sample size.

**Table 68. Days of Fishing, by State Where Fishing Took Place and Angler's State of Residence: 1991**

[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
U.S., total .....	511,329	100	451,418	88	59,870	12	511,329	100	451,418	88	59,870	12
Alabama .....	12,498	100	10,991	88	1,507	12	11,573	100	10,991	95	582	5
Alaska .....	2,989	100	1,893	63	1,096	37	1,936	100	1,893	98	43	2
Arizona .....	4,074	100	3,360	82	714	18	4,498	100	3,360	75	1,138	25
Arkansas .....	11,002	100	8,727	79	2,274	21	9,232	100	8,727	95	505	5
California .....	23,994	100	23,236	97	759	3	26,168	100	23,236	89	2,932	11
Colorado .....	6,284	100	4,664	74	1,620	26	5,487	100	4,664	85	823	15
Connecticut .....	4,571	100	4,217	92	354	8	5,319	100	4,217	79	1,102	21
Delaware .....	1,306	100	900	69	405	31	1,215	100	900	74	315	26
Florida .....	37,771	100	33,631	89	4,123	11	36,284	100	33,631	93	2,653	7
Georgia .....	15,854	100	14,681	93	1,174	7	16,837	100	14,681	87	2,156	13
Hawaii .....	2,386	100	2,254	94	*132	*6	2,415	100	2,254	93	162	7
Idaho .....	3,157	100	2,495	79	662	21	2,768	100	2,495	90	273	10
Illinois .....	16,808	100	15,970	95	838	5	22,899	100	15,970	70	6,929	30
Indiana .....	12,306	100	11,206	91	1,100	9	13,029	100	11,206	86	1,823	14
Iowa .....	6,062	100	5,498	91	564	9	6,744	100	5,498	82	1,246	18
Kansas .....	4,981	100	4,536	91	445	9	5,826	100	4,536	78	1,290	22
Kentucky .....	9,895	100	8,778	89	1,117	11	10,066	100	8,778	87	1,288	13
Louisiana .....	14,519	100	13,370	92	1,149	8	14,116	100	13,370	95	746	5
Maine .....	4,643	100	3,641	78	1,002	22	3,734	100	3,641	98	98	2
Maryland .....	6,772	100	5,419	80	1,352	20	6,469	100	5,419	84	1,050	16
Massachusetts .....	9,183	100	8,149	89	1,035	10	9,948	100	8,149	82	1,799	18
Michigan .....	25,319	100	22,825	90	2,495	10	23,644	100	22,825	97	819	3
Minnesota .....	18,080	100	15,309	85	2,771	15	16,347	100	15,309	94	1,038	6
Mississippi .....	9,064	100	8,024	89	1,040	11	8,871	100	8,024	90	847	10
Missouri .....	15,136	100	12,368	82	2,768	18	14,267	100	12,368	87	1,899	13
Montana .....	3,156	100	1,872	66	1,284	34	2,118	100	1,872	88	246	12
Nebraska .....	2,734	100	2,593	95	141	5	3,328	100	2,593	78	735	22
Nevada .....	1,218	100	957	79	*261	*21	1,472	100	957	65	515	35
New Hampshire .....	2,894	100	2,254	78	640	22	2,604	100	2,254	86	350	13
New Jersey .....	11,772	100	9,606	82	2,167	18	11,531	100	9,606	83	1,925	17
New Mexico .....	1,943	100	1,366	70	577	30	1,694	100	1,366	81	328	19
New York .....	23,007	100	20,547	89	2,459	11	22,369	100	20,547	92	1,822	8
North Carolina .....	16,183	100	14,074	87	2,108	13	15,701	100	14,074	90	1,627	10
North Dakota .....	993	100	875	88	*118	*12	1,482	100	875	59	607	41
Ohio .....	18,880	100	17,896	95	984	5	21,224	100	17,896	84	3,328	16
Oklahoma .....	12,079	100	10,394	86	1,686	14	11,071	100	10,394	94	677	6
Oregon .....	7,394	100	6,577	89	809	11	7,224	100	6,577	91	647	9
Pennsylvania .....	24,313	100	22,493	93	1,820	7	26,566	100	22,493	85	4,073	15
Rhode Island .....	2,106	100	1,590	75	516	25	1,943	100	1,590	82	353	18
South Carolina .....	10,808	100	8,668	80	2,140	20	9,323	100	8,668	93	655	7
South Dakota .....	1,722	100	1,436	83	286	17	1,663	100	1,436	86	227	14
Tennessee .....	13,690	100	11,403	83	2,286	17	13,171	100	11,403	87	1,768	13
Texas .....	35,586	100	34,272	96	1,313	4	37,551	100	34,272	91	3,279	9
Utah .....	2,672	100	2,044	76	628	24	2,792	100	2,044	72	748	28
Vermont .....	2,258	100	1,674	77	584	23	1,912	100	1,674	87	238	13
Virginia .....	12,247	100	11,133	91	1,115	9	13,193	100	11,133	84	2,060	16
Washington .....	11,967	100	11,447	96	519	4	12,789	100	11,447	90	1,342	10
West Virginia .....	4,107	100	3,440	84	667	16	4,038	100	3,440	85	598	15
Wisconsin .....	21,257	100	15,876	75	5,381	25	16,758	100	15,876	95	882	5
Wyoming .....	2,348	100	1,199	51	1,150	49	1,349	100	1,199	89	150	11

Note: For the U.S. row, detail does not add to total because of nonresponse. U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix. State totals do not include responses by participants who did not indicate the state where the fishing took place.

**Table 69. Expenditures for Fishing, by Angler's State of Residence: 1991**

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

Angler's state of residence	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	
U.S., total.....	23,990,125	11,847,750	4,953,383	2,799,922	4,094,445	9,365,188	3,740,104	619,433	5,005,651	2,777,187
Alabama.....	447,926	196,444	82,980	50,633	62,832	187,551	65,496	9,207	*112,848	63,931
Alaska.....	239,166	74,558	29,701	21,442	23,415	98,588	24,156	9,611	64,821	66,020
Arizona.....	299,592	146,978	59,856	47,357	39,764	144,508	36,275	7,977	*100,257	8,106
Arkansas.....	286,091	153,913	62,389	33,948	57,576	101,015	43,802	9,957	47,256	31,162
California.....	1,795,949	1,061,958	474,933	262,920	324,104	602,256	382,795	65,341	*154,120	131,736
Colorado.....	319,283	158,756	76,566	52,859	29,332	146,796	57,442	17,529	*71,825	13,731
Connecticut.....	252,997	100,290	34,654	20,260	45,376	145,596	36,859	5,936	*102,802	7,110
Delaware.....	79,456	33,459	12,892	6,086	14,480	14,228	8,319	1,016	*4,893	31,769
Florida.....	1,654,594	887,836	285,917	135,648	466,271	686,840	416,092	26,936	243,812	79,918
Georgia.....	534,539	336,719	138,427	74,420	123,872	182,997	95,702	19,007	*68,289	14,823
Hawaii.....	75,519	56,442	20,522	17,472	18,448	18,023	14,823	2,216	*984	1,054
Idaho.....	145,456	59,019	27,310	21,453	10,256	79,779	14,084	5,490	60,205	6,658
Illinois.....	1,111,262	573,828	266,802	134,147	172,880	348,049	141,805	17,812	*188,432	189,385
Indiana.....	404,367	257,557	118,716	52,929	85,912	117,065	62,162	15,680	*39,223	29,745
Iowa.....	320,730	112,612	57,096	29,448	26,068	126,915	30,238	4,975	91,702	81,203
Kansas.....	288,710	107,827	46,789	33,698	27,340	173,966	32,453	5,686	*135,826	6,917
Kentucky.....	468,930	187,752	78,336	48,141	61,276	251,433	52,338	6,237	192,858	29,744
Louisiana.....	686,201	316,192	104,659	66,610	144,923	270,015	96,088	8,472	165,455	99,994
Maine.....	140,636	64,571	33,861	17,340	13,370	64,749	19,209	3,938	41,601	11,316
Maryland.....	282,717	154,414	55,140	28,700	70,574	111,148	48,606	6,294	*56,247	17,155
Massachusetts.....	454,240	234,547	85,095	51,712	97,739	193,065	57,610	10,514	*124,941	26,629
Michigan.....	1,286,368	500,836	200,530	118,245	182,060	495,402	177,176	34,562	283,664	290,130
Minnesota.....	846,246	370,139	181,638	87,521	100,980	317,940	113,957	22,144	181,840	158,166
Mississippi.....	263,084	160,366	66,991	33,114	60,260	93,163	57,895	5,365	*29,903	9,554
Missouri.....	439,234	268,285	132,297	73,804	62,183	132,820	78,238	13,506	41,075	38,129
Montana.....	71,200	39,812	19,382	13,666	6,764	28,540	14,043	4,346	*10,150	2,848
Nebraska.....	147,806	72,360	32,569	20,914	18,877	54,596	21,672	3,591	*29,333	20,850
Nevada.....	80,123	54,401	23,696	15,421	15,284	21,431	9,836	3,673	...	4,292
New Hampshire.....	86,978	48,315	17,256	9,709	21,350	32,081	15,374	3,312	13,395	6,582
New Jersey.....	668,432	379,257	123,426	76,596	179,235	245,545	111,137	17,770	116,638	43,630
New Mexico.....	112,863	50,988	23,305	17,307	10,375	58,210	21,011	2,574	*34,625	3,665
New York.....	867,242	495,721	204,756	106,421	184,543	277,958	142,438	28,717	*106,803	93,563
North Carolina.....	577,540	306,640	127,028	67,551	112,061	238,659	84,568	16,413	*137,678	32,240
North Dakota.....	69,515	37,834	17,929	10,831	9,073	22,632	12,880	1,438	*8,314	9,049
Ohio.....	861,554	497,330	194,693	100,543	202,094	305,059	164,526	15,908	124,624	59,165
Oklahoma.....	422,036	209,069	92,380	56,960	59,729	177,888	59,208	12,845	105,835	35,078
Oregon.....	461,297	175,599	76,103	52,536	46,960	271,009	52,108	19,842	199,059	14,689
Pennsylvania.....	677,512	441,861	187,237	97,402	157,221	188,833	126,679	23,278	*38,876	46,818
Rhode Island.....	63,523	32,492	10,000	4,562	17,931	29,589	11,055	2,586	*15,949	1,441
South Carolina.....	398,587	152,175	66,968	30,225	54,982	116,540	51,078	6,877	58,586	129,872
South Dakota.....	87,217	38,670	17,386	10,889	10,394	37,483	15,913	2,196	*19,374	11,064
Tennessee.....	493,174	247,722	96,630	64,902	86,190	226,750	88,666	11,119	126,965	18,702
Texas.....	1,475,470	910,717	391,315	234,805	284,598	336,773	227,435	23,666	85,672	227,980
Utah.....	154,205	84,798	42,290	26,009	16,499	59,140	23,786	9,686	*25,668	10,267
Vermont.....	64,238	38,307	17,850	9,618	10,838	17,821	11,679	2,123	*4,019	8,110
Virginia.....	431,082	261,515	123,789	56,839	80,887	152,142	69,564	8,520	*74,059	17,424
Washington.....	1,009,309	304,621	125,729	81,149	97,744	681,865	115,555	33,716	532,595	22,823
West Virginia.....	109,209	58,886	31,887	14,373	12,626	43,733	19,650	3,362	*20,721	6,590
Wisconsin.....	662,024	280,483	134,460	76,085	69,938	327,167	96,968	20,768	209,431	54,374
Wyoming.....	66,270	33,833	15,556	11,779	6,499	28,778	9,591	5,280	*13,908	3,659

Note: U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.

**Table 70. Participants in Primary Nonconsumptive Activities, by Participant's State of Residence: 1991**

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

Participant's state of residence	Population	Primary participants					
		Total		Nonresidential		Residential	
		Number	Percent of population	Number	Percent of population	Number	Percent of population
U.S. total . . . . .	189,966	76,111	40	29,999	16	73,904	39
Alabama . . . . .	3,110	1,229	40	347	11	1,214	39
Alaska . . . . .	369	229	62	143	39	216	59
Arizona . . . . .	2,707	1,083	40	435	16	1,041	38
Arkansas . . . . .	1,807	812	45	279	15	791	44
California . . . . .	22,366	6,480	29	3,408	15	6,117	27
Colorado . . . . .	2,514	1,161	46	571	23	1,092	43
Connecticut . . . . .	2,500	1,075	43	361	14	1,061	42
Delaware . . . . .	528	211	40	84	16	205	39
Florida . . . . .	10,320	3,866	37	1,678	16	3,802	37
Georgia . . . . .	4,840	1,756	36	400	8	1,730	36
Hawaii . . . . .	842	230	27	84	10	217	26
Idaho . . . . .	746	385	52	224	30	360	48
Illinois . . . . .	8,899	3,451	39	1,182	13	3,411	38
Indiana . . . . .	4,267	2,033	48	664	16	1,996	47
Iowa . . . . .	2,164	1,060	49	398	18	1,030	48
Kansas . . . . .	1,882	876	47	323	17	844	45
Kentucky . . . . .	2,826	1,191	42	382	14	1,175	42
Louisiana . . . . .	3,161	1,060	34	306	10	1,049	33
Maine . . . . .	953	548	58	217	23	542	57
Maryland . . . . .	3,659	1,456	40	531	15	1,421	39
Massachusetts . . . . .	4,639	1,882	41	868	19	1,866	40
Michigan . . . . .	7,014	3,273	47	1,395	20	3,167	45
Minnesota . . . . .	3,308	1,953	59	782	24	1,912	58
Mississippi . . . . .	1,914	742	39	231	12	727	38
Missouri . . . . .	3,940	2,006	51	740	19	1,958	50
Montana . . . . .	601	312	52	185	31	280	47
Nebraska . . . . .	1,210	602	50	237	20	573	47
Nevada . . . . .	914	337	37	175	19	307	34
New Hampshire . . . . .	864	449	52	186	22	441	51
New Jersey . . . . .	6,007	2,152	36	765	13	2,099	35
New Mexico . . . . .	1,126	466	41	231	21	436	39
New York . . . . .	13,803	4,301	31	1,611	12	4,172	30
North Carolina . . . . .	5,104	2,152	42	540	11	2,112	41
North Dakota . . . . .	477	200	42	78	16	191	40
Ohio . . . . .	8,306	3,696	44	1,373	17	3,621	44
Oklahoma . . . . .	2,411	1,146	48	394	16	1,128	47
Oregon . . . . .	2,223	1,123	51	524	24	1,059	48
Pennsylvania . . . . .	9,405	4,103	44	1,790	19	4,011	43
Rhode Island . . . . .	777	368	47	116	15	363	47
South Carolina . . . . .	2,645	863	33	179	7	855	32
South Dakota . . . . .	525	228	43	96	18	214	41
Tennessee . . . . .	3,818	1,701	45	632	17	1,649	43
Texas . . . . .	12,548	4,016	32	1,481	12	3,848	31
Utah . . . . .	1,139	504	44	284	25	463	41
Vermont . . . . .	446	276	62	109	24	271	61
Virginia . . . . .	4,721	2,070	44	786	17	2,031	43
Washington . . . . .	3,709	2,076	56	875	24	2,033	55
West Virginia . . . . .	1,420	584	41	214	15	569	40
Wisconsin . . . . .	3,700	2,058	56	958	26	1,979	53
Wyoming . . . . .	345	190	55	112	32	165	48

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

**Table 71. Participants in Primary Nonresidential Activities by State Where Activity Took Place: 1991**

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

State where activity took place	Total participants		Residents		Nonresidents	
	Number	Percent	Number	Percent	Number	Percent
U.S., total . . . . .	29,999	100	26,242	87	9,957	33
Alabama . . . . .	450	100	312	69	139	31
Alaska . . . . .	340	100	139	41	201	59
Arizona . . . . .	820	100	399	49	421	51
Arkansas . . . . .	467	100	260	56	207	44
California . . . . .	3,845	100	3,205	83	640	17
Colorado . . . . .	1,164	100	508	44	656	56
Connecticut . . . . .	410	100	283	69	127	31
Delaware . . . . .	124	100	65	52	58	47
Florida . . . . .	2,387	100	1,443	60	944	40
Georgia . . . . .	551	100	327	59	224	41
Hawaii . . . . .	321	100	75	23	247	77
Idaho . . . . .	382	100	194	51	188	49
Illinois . . . . .	1,126	100	936	83	190	17
Indiana . . . . .	748	100	582	78	166	22
Iowa . . . . .	426	100	341	80	85	20
Kansas . . . . .	347	100	280	81	66	19
Kentucky . . . . .	580	100	358	62	222	38
Louisiana . . . . .	368	100	256	70	112	30
Maine . . . . .	605	100	205	34	400	66
Maryland . . . . .	663	100	404	61	259	39
Massachusetts . . . . .	1,002	100	718	72	284	28
Michigan . . . . .	1,546	100	1,261	82	285	18
Minnesota . . . . .	921	100	700	76	221	24
Mississippi . . . . .	295	100	197	67	98	33
Missouri . . . . .	956	100	650	68	305	32
Montana . . . . .	558	100	173	31	384	69
Nebraska . . . . .	276	100	207	75	69	25
Nevada . . . . .	451	100	151	33	300	67
New Hampshire . . . . .	475	100	159	33	316	67
New Jersey . . . . .	839	100	571	68	268	32
New Mexico . . . . .	422	100	211	50	211	50
New York . . . . .	1,717	100	1,302	76	414	24
North Carolina . . . . .	892	100	478	54	413	46
North Dakota . . . . .	104	100	63	61	41	39
Ohio . . . . .	1,358	100	1,156	85	202	15
Oklahoma . . . . .	478	100	354	74	124	26
Oregon . . . . .	882	100	479	54	402	46
Pennsylvania . . . . .	2,070	100	1,531	74	539	26
Rhode Island . . . . .	153	100	88	58	65	42
South Carolina . . . . .	380	100	154	41	226	59
South Dakota . . . . .	236	100	88	37	148	63
Tennessee . . . . .	957	100	588	61	369	39
Texas . . . . .	1,613	100	1,380	86	233	14
Utah . . . . .	415	100	245	59	170	41
Vermont . . . . .	303	100	95	31	208	69
Virginia . . . . .	1,082	100	668	62	414	38
Washington . . . . .	1,058	100	800	76	258	24
West Virginia . . . . .	461	100	193	42	267	58
Wisconsin . . . . .	1,311	100	903	69	408	31
Wyoming . . . . .	552	100	103	19	449	81

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

**Table 72. Days of Primary Nonresidential Activity, by State Where Activity Took Place and Participant's State of Residence: 1991**

(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
U.S., total .....	342,406	100	269,943	79	72,409	21	342,406	100	269,943	79	72,409	21
Alabama .....	3,286	100	2,534	77	753	23	3,077	100	2,534	82	544	18
Alaska .....	3,745	100	1,743	47	2,002	53	1,923	100	1,743	91	180	9
Arizona .....	5,922	100	3,869	65	2,053	35	5,026	100	3,869	77	1,157	23
Arkansas .....	3,202	100	1,954	61	1,248	39	2,276	100	1,954	86	322	14
California .....	42,353	100	38,998	92	3,354	8	46,556	100	38,998	84	7,558	16
Colorado .....	9,037	100	5,359	59	3,678	41	6,179	100	5,359	87	820	13
Connecticut .....	4,098	100	3,698	90	400	10	5,271	100	3,698	70	1,573	30
Delaware .....	835	100	592	71	*242	*29	878	100	592	67	286	3
Florida .....	17,786	100	12,189	69	5,596	31	15,421	100	12,189	79	3,232	21
Georgia .....	4,536	100	3,562	79	974	21	4,570	100	3,562	78	1,009	22
Hawaii .....	2,608	100	682	26	1,926	74	967	100	682	71	285	2
Idaho .....	3,439	100	1,722	50	1,717	50	2,308	100	1,722	75	586	25
Illinois .....	8,464	100	7,686	91	778	9	12,512	100	7,686	61	4,826	39
Indiana .....	7,135	100	6,243	87	892	13	7,564	100	6,243	83	1,321	17
Iowa .....	4,415	100	3,873	88	542	12	4,547	100	3,873	85	674	15
Kansas .....	2,248	100	1,974	88	*274	*12	2,668	100	1,974	74	694	26
Kentucky .....	4,636	100	3,519	76	1,118	24	3,967	100	3,519	89	448	11
Louisiana .....	2,603	100	2,040	78	563	22	2,625	100	2,040	78	585	22
Maine .....	4,502	100	2,085	46	2,417	54	2,453	100	2,085	85	368	15
Maryland .....	6,580	100	4,550	69	2,030	31	6,461	100	4,550	70	1,912	30
Massachusetts .....	8,222	100	6,936	84	1,286	16	10,707	100	6,936	65	3,771	35
Michigan .....	14,159	100	12,792	90	1,367	10	15,099	100	12,792	85	2,308	15
Minnesota .....	10,378	100	9,363	90	1,015	10	11,023	100	9,363	85	1,660	15
Mississippi .....	2,584	100	2,234	86	350	14	2,856	100	2,234	78	622	22
Missouri .....	7,019	100	5,328	76	1,691	24	7,186	100	5,328	74	1,858	26
Montana .....	4,317	100	1,640	38	2,677	62	1,921	100	1,640	85	281	15
Nebraska .....	1,813	100	1,502	83	312	17	1,893	100	1,502	79	391	21
Nevada .....	2,940	100	1,255	43	1,686	57	1,981	100	1,255	63	727	37
New Hampshire .....	3,337	100	1,574	47	1,762	53	2,202	100	1,574	71	628	29
New Jersey .....	5,472	100	4,407	81	1,064	19	6,692	100	4,407	66	2,285	34
New Mexico .....	3,272	100	1,823	56	1,449	44	2,493	100	1,823	73	670	27
New York .....	12,729	100	10,874	85	1,855	15	14,737	100	10,874	74	3,864	26
North Carolina .....	6,737	100	4,817	72	1,920	28	6,041	100	4,817	80	1,224	20
North Dakota .....	698	100	598	86	*100	*14	768	100	598	78	170	2
Ohio .....	12,769	100	12,120	95	649	5	15,206	100	12,120	80	3,086	20
Oklahoma .....	4,043	100	3,655	90	388	10	4,453	100	3,655	82	799	18
Oregon .....	7,038	100	5,251	75	1,786	25	6,348	100	5,251	83	1,097	17
Pennsylvania .....	20,062	100	17,925	89	2,137	11	23,161	100	17,925	77	5,236	23
Rhode Island .....	1,204	100	937	78	*267	*22	1,375	100	937	68	438	32
South Carolina .....	3,421	100	2,077	61	1,344	39	2,363	100	2,077	88	286	12
South Dakota .....	1,552	100	1,108	71	445	29	1,278	100	1,108	87	170	13
Tennessee .....	7,445	100	6,089	82	1,356	18	7,221	100	6,089	84	1,131	16
Texas .....	15,544	100	14,612	94	932	6	17,933	100	14,612	81	3,321	19
Utah .....	2,985	100	2,002	67	983	33	2,572	100	2,002	78	571	22
Vermont .....	2,364	100	1,459	62	905	38	1,827	100	1,459	80	369	20
Virginia .....	7,144	100	5,263	74	1,881	26	6,867	100	5,263	77	1,604	23
Washington .....	11,470	100	10,170	89	1,299	11	13,125	100	10,170	77	2,954	23
West Virginia .....	3,584	100	2,484	69	1,100	31	2,946	100	2,484	84	463	16
Wisconsin .....	12,914	100	9,779	76	3,135	24	11,087	100	9,779	88	1,308	12
Wyoming .....	3,526	100	998	28	2,528	72	1,195	100	998	84	196	16

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

\* Estimate based on a small sample size.

**Table 73. Expenditures for Primary Nonconsumptive Activities, by Participant's State of Residence: 1991**

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

Participant's state of residence	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	Nonconsumptive equipment	Auxiliary equipment	Special equipment	
U.S., total .....	18,103,887	7,482,073	4,424,825	2,609,341	447,907	9,559,774	5,703,557	349,986	3,506,231	1,062,040
Alabama .....	179,909	73,608	42,090	28,978	2,540	101,967	57,980	*766	...	4,334
Alaska .....	144,180	49,024	24,467	21,759	2,798	89,470	32,913	1,995	*54,561	5,686
Arizona .....	320,355	101,911	62,046	37,467	2,398	208,033	70,864	8,159	*129,010	10,410
Arkansas .....	188,643	44,868	24,933	17,587	*2,349	135,913	40,576	*2,367	*92,970	7,862
California .....	2,605,192	1,157,836	661,802	437,953	58,081	1,236,851	831,554	84,645	*320,651	210,506
Colorado .....	377,557	132,068	72,071	54,287	5,711	232,718	113,980	*7,420	*111,318	12,770
Connecticut .....	285,325	94,607	58,794	28,875	6,938	171,864	97,154	*4,029	...	18,854
Delaware .....	38,351	15,714	9,622	4,749	1,344	20,314	13,269	*813	...	2,323
Florida .....	1,184,837	556,366	326,000	141,623	88,743	570,620	341,653	*27,898	*201,069	57,852
Georgia .....	196,283	106,614	66,049	34,338	*6,227	79,934	74,094	...	...	9,735
Hawaii .....	52,891	33,041	16,588	13,661	2,792	17,401	12,268	*870	...	2,449
Idaho .....	68,017	39,563	21,259	17,074	1,230	25,171	20,034	*1,210	...	3,283
Illinois .....	810,099	435,454	263,292	148,890	23,271	291,058	237,309	*7,962	...	83,588
Indiana .....	259,419	119,869	67,996	45,396	6,478	127,608	109,373	*6,068	...	11,942
Iowa .....	123,966	61,179	33,454	22,103	5,622	56,567	46,963	...	...	6,221
Kansas .....	88,761	45,768	25,020	19,736	1,012	36,088	33,344	*2,445	...	6,904
Kentucky .....	181,378	59,936	34,386	24,229	1,322	112,475	50,405	*2,672	*59,398	8,967
Louisiana .....	221,788	60,678	33,832	24,255	2,591	152,910	63,624	*7,040	...	8,201
Maine .....	110,374	39,660	20,345	17,981	1,333	65,591	51,107	*1,347	...	5,123
Maryland .....	269,735	118,235	75,077	33,178	9,979	125,443	98,798	*7,937	...	26,057
Massachusetts .....	488,270	216,609	137,424	69,239	9,945	228,170	187,136	*10,886	*30,148	43,491
Michigan .....	893,451	300,175	185,065	104,100	11,011	566,267	311,848	*12,628	...	27,009
Minnesota .....	363,509	181,883	110,861	60,130	10,892	161,762	130,707	*6,277	...	19,864
Mississippi .....	232,598	58,562	34,952	21,052	2,558	165,776	54,435	*1,561	*109,780	8,260
Missouri .....	439,932	126,749	79,943	40,531	6,275	302,797	84,840	*7,430	...	10,386
Montana .....	102,205	34,174	18,279	14,861	1,033	63,986	27,465	*2,410	*34,111	4,045
Nebraska .....	77,532	38,632	17,815	19,135	1,682	32,997	29,030	*1,505	...	5,903
Nevada .....	188,440	73,101	42,575	28,620	1,906	111,146	28,955	*2,214	*79,977	4,194
New Hampshire .....	117,911	31,212	18,570	11,142	1,501	80,316	41,807	*2,159	*36,350	6,382
New Jersey .....	460,123	210,435	131,425	65,910	13,100	218,087	201,280	*5,280	...	31,601
New Mexico .....	209,371	61,194	36,339	23,163	1,692	140,029	42,192	5,153	*92,684	8,148
New York .....	1,133,540	380,928	212,431	136,758	31,738	672,972	427,422	*16,694	*228,856	79,641
North Carolina .....	262,259	115,652	75,828	36,493	3,331	128,625	125,907	*2,428	...	17,983
North Dakota .....	17,751	9,711	5,036	4,358	317	6,897	6,705	...	...	1,144
Ohio .....	548,142	275,703	169,910	86,786	19,007	226,089	220,053	...	...	46,349
Oklahoma .....	229,210	81,515	46,526	30,339	*4,649	139,246	80,971	*5,740	...	8,449
Oregon .....	362,111	119,014	70,806	43,199	5,008	227,909	58,083	9,628	*160,198	15,189
Pennsylvania .....	1,123,040	456,147	259,814	163,317	33,017	619,372	351,531	*26,756	...	47,521
Rhode Island .....	67,370	30,285	20,786	8,595	903	34,182	24,091	*608	...	2,903
South Carolina .....	81,781	23,353	14,614	7,926	*813	53,221	34,624	...	...	5,207
South Dakota .....	38,641	19,067	9,755	8,744	569	17,759	14,966	*857	...	1,815
Tennessee .....	295,240	127,306	83,252	42,746	*1,308	155,156	71,074	*3,029	*81,052	12,778
Texas .....	877,749	423,218	260,214	136,429	26,575	415,693	195,993	*7,452	...	38,837
Utah .....	170,154	58,848	35,219	18,889	4,739	108,164	31,489	*3,014	*73,661	3,143
Vermont .....	57,936	20,263	12,442	7,338	483	33,668	20,520	*850	*12,299	4,004
Virginia .....	379,396	141,648	88,870	47,707	5,071	207,560	152,290	...	...	30,187
Washington .....	511,218	298,941	191,751	98,124	9,067	178,044	143,543	18,016	...	34,232
West Virginia .....	65,962	32,684	19,194	13,305	*185	30,394	28,991	...	...	2,884
Wisconsin .....	482,755	140,584	76,480	58,020	6,083	311,737	156,320	*3,420	...	30,434
Wyoming .....	51,122	24,171	12,667	10,893	611	25,486	11,099	*1,337	...	1,465

Note: U.S. totals include responses from participants residing in the District of Columbia, as described in the statistical reliability appendix.

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

\* Estimate based on a small sample size.

... Sample size too small to report data reliably.