

2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation

State Overview

Issued June 2002



Preliminary Findings

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Preface

This is the second report providing preliminary information collected by the 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. The first report was issued May 2002 and featured data pertaining to the Nation as a whole. This report provides information on individual States and regions. The final National Report will be available October 2002, and the state reports will be issued on a flow basis beginning November 2002.

The Survey collects information on U.S. residents' participation in and expenditures for hunting, fishing, and

wildlife-watching activities such as observing, feeding, and photographing wildlife. Natural resource agencies, conservation organizations, researchers, and related industries use this information to estimate demands for wildlife-related recreation, evaluate the impacts of expenditures on state and national economies, and identify trends in wildlife recreation.

The advance release of preliminary survey results is an effort to make the information available as soon as possible. Please note that the information is subject to revision.



Foreword

The 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation is the tenth in a series of surveys conducted for the U.S. Fish & Wildlife Service since 1955. The Survey, developed with assistance from State agencies, national conservation organizations, and related industries, was requested through the International Association of Fish and Wildlife Agencies.

Results are based on data collected by the U.S. Bureau of the Census. The Census Bureau began by interviewing 80,000 households in April 2001. Samples

of 30,000 potential anglers and hunters and 15,000 potential wildlife watchers were selected from those households to be interviewed in detail about their participation and expenditures. The Census Bureau conducted detailed interviews in three different waves, which began in April and September of 2001 and January of 2002. Interviews were completed in March 2002.

This report includes trend information from the 2001, 1996, and 1991 Surveys. These three Surveys used similar methodologies so the estimates are comparable.



Hollingsworth

Preliminary Report

In 2001, 82 million U.S. residents—39% of the population 16 years old and older—enjoyed some activity relating to fish and wildlife. Almost 38 million people spent time fishing and/or hunting while 66 million people engaged in wildlife-watching activities such as observing, feeding, or photographing wildlife. Wildlife recreation generated a great deal of spending. Sportspersons spent \$70 billion and wildlife watchers spent \$40 billion in 2001. This amounted to \$110 billion, 1.1%, of the Nation's gross domestic product (GDP).

Regions

We present the data regionally, using the Bureau of Census' nine regional geographic divisions. The regional data pertain to state residents 16 years old and older, while the individual state information describes the participation in-state by residents and nonresidents 16 years old and older. The sum of a region's participants in-state does not equal the total number of regional participants because individuals may have participated in an activity in more than one State. Tables at the end of this report contain the data for individual States.

Fishing

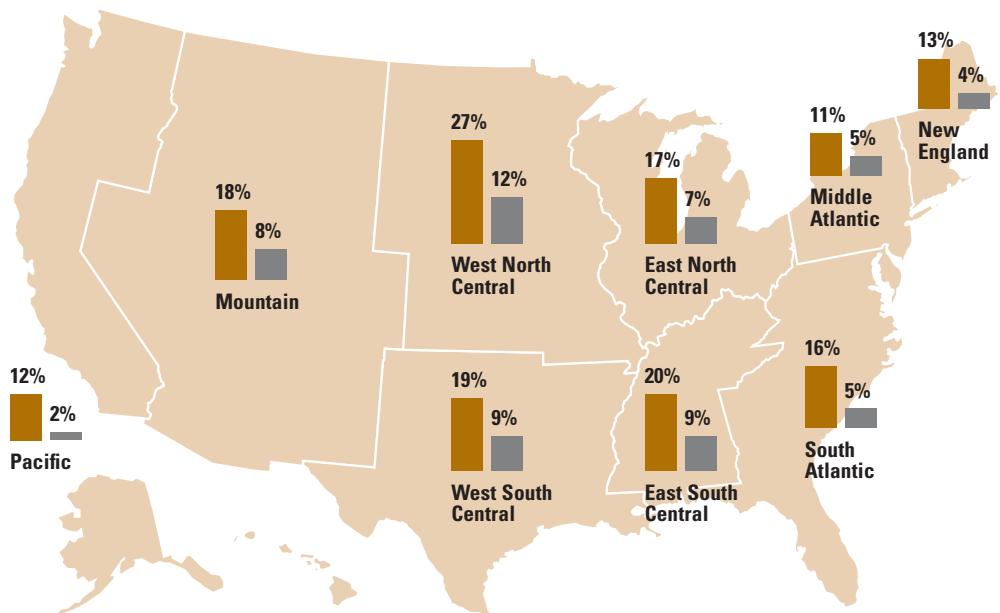
Fishing continues to be a favorite pastime of the American people. For the Nation as a whole, 16% of the population 16 years old and older went fishing in 2001. Regional participation rates ranged from 11% of the population in the Middle Atlantic Region to 27% in the West North Central Region. Aside from the New England, Middle Atlantic, South Atlantic, and Pacific Regions, all other regions were above the national average of 16%.

Hunting

Hunting was a popular activity for millions of U.S. residents in 2001. Nationwide, 6% of the population 16 years old and older went hunting. Regional participation rates ranged from 2% of the population in the Pacific Region to 12% in the West North Central Region. Regions with participation rates above the national average of 6% were the West North Central, East North Central, West South Central, East South Central, and Mountain Regions.

Participation Rates for Fishing and Hunting, by Geographic Region: 2001

 **Fishing**  **Hunting**



Wildlife Watching (observing, feeding, and photographing wildlife)

Participation rates for wildlife-watching activities indicated popularity and variation across the country. In 2001, 30% of U.S. residents 16 years old and older participated in residential (around the home) activities. Participation rates ranged from 24% of the population in the West South Central Region to 41% in the West North Central Region. Residents of the New England, East North Central, West North Central, East South Central, and Mountain Regions had participation rates above the national average of 30%.

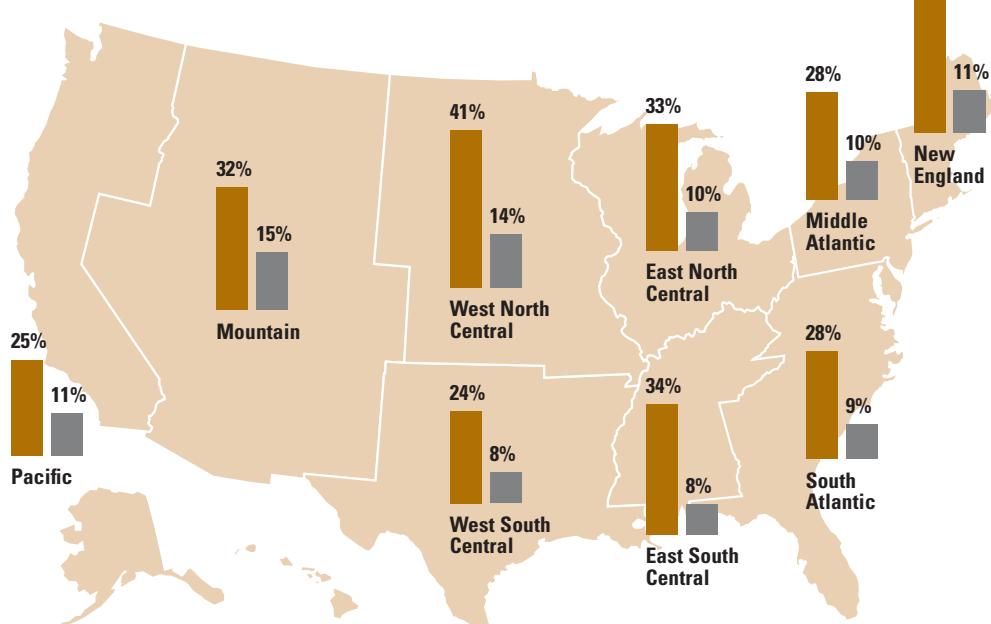
Nationwide, 10% of the U.S. population 16 years old and older took trips during 2001 for the primary purpose of observing, photographing, or feeding wildlife. Participation rates ranged from 8% of the population in both the East South Central and West South Central Regions to 15% in the Mountain Region. Regions with participation rates above the 10% national average were New England, West North Central, Mountain, and Pacific.



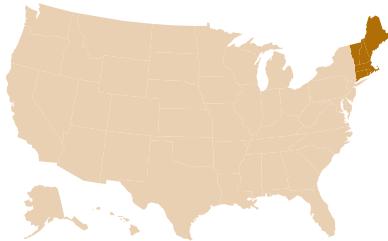
Bill Kront

Participation Rates for Wildlife-Watching Participants, by Geographic Region: 2001

■ Residential ■ Nonresidential



New England



In 2001, 14% of the residents in New England fished and/or hunted, while 37% observed, fed, or photographed wildlife.

New England anglers went fishing an average of 17 days in 2001. Hunters averaged 20 days of hunting for the year. And at 21% Maine and Vermont tied for the largest percentage of a State's population who fished. Vermont claimed the highest percentage of residents who

hunted, 15%. Massachusetts had the largest number of anglers (resident and nonresident), 615,000 in the Region. Maine had the largest number of hunters—164,000.

Regionwide, fishing expenditures totaled \$1.3 billion. Total hunting expenditures were \$521 million, and wildlife-watching expenditures totaled \$2.0 billion.

Participation by State Residents from the New England Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	1,504,000	14%
Total Anglers.....	1,402,000	13%
Total Hunters	386,000	4%
Total Wildlife Watchers	3,875,000	37%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Connecticut	346,000	45,000	859,000	279,000
Maine	376,000	164,000	501,000	419,000
Massachusetts ...	615,000	66,000	1,443,000	542,000
New Hampshire..	267,000	78,000	445,000	425,000
Rhode Island	179,000	9,000	237,000	98,000
Vermont	171,000	100,000	280,000	307,000

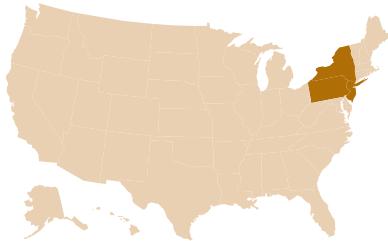
Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Connecticut	\$223,501	\$81,222	\$223,937
Maine	247,278	235,389	560,382
Massachusetts	464,142	58,527	459,338
New Hampshire.....	161,400	88,164	341,579
Rhode Island	104,370	5,059	167,959
Vermont	91,981	52,441	202,998

Source: Tables 4, 6, 9

Middle Atlantic



While 13% of residents in the Middle Atlantic States went fishing and/or hunting, 29% engaged in wildlife-watching activities.

Middle Atlantic anglers spent an average of 17 days fishing, while hunters enjoyed an average of 19 days on their sport. Pennsylvania garnered the largest percentage of residents who fished, 13%, while also capturing the largest

percentage of residents who hunted, 9%. New York had the largest number of total anglers in-state, 1.6 million, and Pennsylvania claimed the largest number of hunters, 1 million.

Total fishing expenditures amounted to \$2.7 billion among the three States. For hunting, total expenditures were \$2.0 billion; wildlife-watching expenditures were \$3.6 billion.

Participation by State Residents from the Middle Atlantic Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	3,810,000	13%
Total Anglers.....	3,250,000	11%
Total Hunters	1,633,000	5%
Total Wildlife Watchers	8,740,000	29%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
New Jersey	806,000	135,000	1,640,000	688,000
New York.....	1,550,000	714,000	3,442,000	1,330,000
Pennsylvania	1,266,000	1,000,000	3,371,000	1,279,000

Source: Tables 2, 7

Expenditures Where Spending Took Place

(Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
New Jersey	\$841,108	\$144,467	\$1,235,844
New York.....	1,287,353	970,491	1,390,035
Pennsylvania	576,259	936,459	955,903

Source: Tables 4, 6, 9

East North Central



Wildlife-related recreation activities were popular throughout East North Central. Nineteen percent of the residents fished or hunted. The Region also experienced high participation rates for wildlife-watching activities—34% of the population enjoyed observing, feeding, and photographing wildlife.

Wisconsin's residents experienced the highest participation rate for fishing

(25%) and hunting (15%) in the Region. It also had the most in-state anglers, 1.4 million, while Michigan claimed the largest number of hunters, 754,000.

The Region reported a total of \$4.1 billion in fishing expenditures. Hunting expenditures totaled \$3.1 billion, and wildlife-watching expenditures totaled \$7.3 billion.

Participation by State Residents from the East North Central Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	6,400,000	19%
Total Anglers.....	5,655,000	17%
Total Hunters	2,421,000	7%
Total Wildlife Watchers	11,631,000	34%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Illinois.....	1,237,000	310,000	2,379,000	638,000
Indiana.....	874,000	290,000	1,727,000	474,000
Michigan.....	1,354,000	754,000	2,361,000	884,000
Ohio.....	1,371,000	490,000	2,653,000	898,000
Wisconsin	1,412,000	660,000	2,076,000	1,000,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Illinois.....	\$595,350	\$450,865	\$814,131
Indiana.....	514,687	421,324	625,687
Michigan.....	836,181	486,385	680,666
Ohio.....	944,550	950,916	880,250
Wisconsin	1,228,886	796,416	4,339,905

Source: Tables 4, 6, 9

West North Central



The West North Central Region produced the largest regional participation rates in the Nation for wildlife-associated recreation. In 2001, 29% of the residents enjoyed fishing and/or hunting, while 43% observed, fed, or photographed wildlife.

Anglers in the West North Central Region averaged 17 days of fishing while hunters averaged 16 days of hunting. Minnesota had the highest percentage of

residents who fished, (36%) and North Dakota the highest percentage who hunted (19%). Minnesota attracted the largest total number of anglers, 1.6 million, and hunters, 597,000, of any State in the Region.

Fishing expenditures totaled \$4.4 billion, hunting expenditures \$2.5 billion, and wildlife-watching expenditures \$2.6 billion.

Participation by State Residents from the West North Central Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	4,239,000	29%
Total Anglers.....	3,836,000	27%
Total Hunters	1,710,000	12%
Total Wildlife Watchers	6,206,000	43%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Iowa	542,000	243,000	939,000	310,000
Kansas	404,000	291,000	718,000	297,000
Minnesota.....	1,624,000	597,000	1,932,000	634,000
Missouri	1,215,000	489,000	1,514,000	738,000
Nebraska	296,000	173,000	469,000	186,000
North Dakota....	179,000	139,000	125,000	93,000
South Dakota....	214,000	258,000	241,000	181,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Iowa	\$368,712	\$261,778	\$1,098,664
Kansas	226,782	371,342	128,189
Minnesota.....	2,553,389	476,797	523,529
Missouri	743,886	803,828	444,137
Nebraska	145,156	224,290	304,774
North Dakota....	166,474	103,353	26,824
South Dakota....	205,086	269,708	91,306

Source: Tables 4, 6, 9

South Atlantic



In 2001, 18% of the Region's population were sportspersons—16% fished and 5% hunted. And over 11 million people participated in wildlife-watching activities, representing 29% of the population.

South Atlantic anglers spent an average of 17 days fishing, and hunters enjoyed an average of 21 days hunting. Both South Carolina and West Virginia had the highest percentage of residents who fished, 19%. West Virginia surpassed the

other States in the Region with a 17% hunting participation rate. Florida had the largest number of anglers who fished in-state, 3.1 million. Georgia reported the largest number of hunters, 417,000, in the eight-State Region.

Fishing expenditures among the South Atlantic States totaled \$8.8 billion. The total for hunting expenditures was \$2.5 billion and wildlife-watching expenditures, \$6.3 billion.

Participation by State Residents from the South Atlantic Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	6,957,000	18%
Total Anglers.....	6,451,000	16%
Total Hunters	1,875,000	5%
Total Wildlife Watchers	11,395,000	29%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Delaware	148,000	16,000	168,000	96,000
Florida	3,104,000	226,000	2,635,000	1,503,000
Georgia	1,086,000	417,000	1,305,000	411,000
Maryland	701,000	145,000	1,261,000	533,000
North Carolina....	1,287,000	295,000	1,815,000	588,000
South Carolina....	812,000	265,000	1,045,000	331,000
Virginia.....	1,010,000	355,000	2,105,000	772,000
West Virginia....	318,000	284,000	492,000	219,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Delaware	\$65,823	\$14,210	\$41,809
Florida	5,282,805	380,702	1,568,071
Georgia	541,093	474,121	527,417
Maryland	685,286	125,885	1,392,754
North Carolina.....	1,075,944	555,634	1,179,074
South Carolina.....	557,580	386,212	254,872
Virginia.....	514,806	313,947	1,217,506
West Virginia.....	101,778	212,160	163,109

Source: Tables 4, 6, 9

East South Central



In East South Central, 22% of the Region's population fished and/or hunted, and 35% enjoyed wildlife-watching activities in 2001.

Anglers within the Region averaged 19 days fishing, and hunters 22 days hunting. Mississippi had both the greatest percentages of residents who

fished, 22% and hunted, 12%. Tennessee had the largest number of anglers, 903,000, and Alabama reported the greatest number of hunters, 423,000.

Anglers spent \$2.2 billion on fishing, hunters spent \$2.0 billion on hunting, and wildlife watchers \$3.4 billion within the Region.

Participation by State Residents from the East South Central Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	2,865,000	22%
Total Anglers	2,543,000	20%
Total Hunters	1,164,000	9%
Total Wildlife Watchers	4,514,000	35%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Alabama	851,000	423,000	925,000	276,000
Kentucky	780,000	323,000	1,234,000	385,000
Mississippi	586,000	357,000	576,000	131,000
Tennessee	903,000	359,000	1,655,000	683,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Alabama	\$719,235	\$601,167	\$1,210,777
Kentucky	604,214	506,183	811,514
Mississippi	208,315	334,069	544,462
Tennessee	626,108	576,865	807,257

Source: Tables 4, 6, 9

West South Central



In 2001, 21% of the Region's population enjoyed fishing and/or hunting, while 25% participated in wildlife-watching activities.

Anglers and hunters in the West South Central States averaged 16 days fishing and 18 days hunting. Arkansas led the Region with the largest percentage of State residents who fished (28%) as well

as the greatest percentage who hunted (16%). Texas had the largest number of both anglers and hunters in the Region—2.4 million anglers and 1.2 million hunters.

Total fishing expenditures in the Region amounted to \$4.4 billion. Hunters spent \$3.7 billion, and wildlife-watchers spent \$3.2 billion during 2001.

Participation by State Residents from the West South Central Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	4,924,000	21%
Total Anglers	4,375,000	19%
Total Hunters	1,988,000	9%
Total Wildlife Watchers	5,747,000	25%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Arkansas	782,000	431,000	762,000	211,000
Louisiana	970,000	333,000	802,000	314,000
Oklahoma	774,000	261,000	997,000	403,000
Texas.....	2,372,000	1,201,000	2,930,000	1,002,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Arkansas	\$441,516	\$474,230	\$242,605
Louisiana	694,978	416,953	165,746
Oklahoma	549,091	273,652	190,928
Texas.....	2,686,491	2,496,132	2,583,694

Source: Tables 4, 6, 9

Mountain



Twenty-one percent of the Mountain Region's population went fishing and/or hunting, and 35% participated in wildlife-watching activities in 2001.

Anglers and hunters in this Region averaged 13 days of fishing and hunting. Wyoming assumed the largest percentage of residents who fished from a single State, 32%, while Montana

reported the greatest percentage who hunted, 24%. Of the eight States within the Region, Colorado attracted the most anglers (917,000) and hunters (281,000).

Anglers in the Mountain Region spent \$3.1 billion on fishing. Hunters spent \$2.1 billion on hunting in 2001. Wildlife-watching participants reported a total of \$4.2 billion in expenditures for the year.

Participation by State Residents from the Mountain Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	2,757,000	21%
Total Anglers	2,443,000	18%
Total Hunters	1,020,000	8%
Total Wildlife Watchers	4,619,000	35%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Arizona	419,000	148,000	1,063,000	638,000
Colorado	917,000	281,000	1,127,000	838,000
Idaho	416,000	197,000	333,000	451,000
Montana	349,000	229,000	341,000	511,000
Nevada	172,000	47,000	300,000	309,000
New Mexico	314,000	130,000	449,000	387,000
Utah	517,000	198,000	515,000	530,000
Wyoming	293,000	133,000	154,000	416,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Arizona	\$461,631	\$211,506	\$979,085
Colorado	706,666	376,924	621,043
Idaho	354,897	275,948	356,088
Montana	371,167	237,605	392,076
Nevada	332,602	162,662	248,620
New Mexico	175,723	183,237	555,616
Utah	403,494	450,992	681,954
Wyoming	277,124	188,791	391,528

Source: Tables 4, 6, 9

Pacific



In 2001, 13% of the Region's population enjoyed fishing and/or hunting while 27% participated in wildlife-watching activities.

Anglers from the five Pacific States averaged 13 days of fishing, and hunters averaged 13 days of hunting. Alaska had the greatest percentage of residents who enjoyed recreational fishing and hunting.

In 2001, 41% of Alaskans fished and 16% hunted. Californians garnered both the largest number of anglers and hunters—2.4 million fished and 274,000 hunted.

Fishing expenditures among the Pacific States totaled \$4.4 billion. Hunting expenditures totaled \$1.5 billion, and wildlife watching totaled \$6.7 billion in 2001.

Participation by State Residents from the Pacific Region

	Number of Participants	Percent of Regional Population
Total Sportspersons	4,349,000	13%
Total Anglers	4,111,000	12%
Total Hunters	837,000	2%
Total Wildlife Watchers	9,377,000	27%

Source: Survey database

Participation by State Where Activity Took Place

	Sportspersons		Wildlife-Watching Participants	
	Fishing Number of Participants	Hunting Number of Participants	Residential Number of Participants	Nonresidential Number of Participants
Alaska	421,000	93,000	221,000	292,000
California	2,444,000	274,000	4,853,000	2,270,000
Hawaii	150,000	17,000	120,000	141,000
Oregon	687,000	248,000	1,204,000	910,000
Washington	938,000	227,000	2,105,000	1,065,000

Source: Tables 2, 7

Expenditures Where Spending Took Place (Expenditures in thousands of dollars)

	Fishing	Hunting	Wildlife Watching
Alaska	\$536,641	\$216,753	\$538,277
California	2,013,929	315,207	3,686,703
Hawaii	125,228	15,076	131,379
Oregon	689,444	576,001	1,040,618
Washington	998,670	408,017	1,306,042

Source: Tables 4, 6, 9

1991-2001 Regional Comparison of the Number of Anglers, Hunters, and Wildlife- Watchers

A comparison of the number of hunters, anglers, and wildlife watchers for the past three Surveys reveals regional variation from the national trend for each type of recreation.

- The 4% decline in anglers nationwide from 1991 to 2001 (-3% from 1996 to 2001) points to a trend, but is not a statistically significant* one. The number of anglers did decrease in six Regions—the biggest drop (-16%) was in the Middle Atlantic. However, there were increases in fishing in both the Mountain and West North Central Regions.
- The 7% drop in hunters nationwide from 1991 to 2001 was led by a 24% drop in Pacific hunters (-30% from 1996 to 2001). Conversely, the West North Central had no decline from 1991 to 2001 and the West South Central had an 8% increase. The number of hunters in the six remaining Regions dropped 5 to 13 percent.

■ In 2001 residential (around the home) wildlife watching rebounded slightly from its 1991-1996 decline, with participation in the Mountain Region surpassing its 1991 level. Five Regions had increases from 1996 to 2001—West North Central led with a 21% increase. The participation declines in four Regions were 5% or less.

■ Nonresidential (away from home) wildlife watching continued its 1991-1996 downward trend nationally and in most Regions. In New England and East North Central, only three-fifths as many people engaged in wildlife watching away from home in 2001 as did in 1991. From 1996 to 2001 there were small increases, 8% or less, in participation in the West North Central, Mountain, and Pacific Regions.

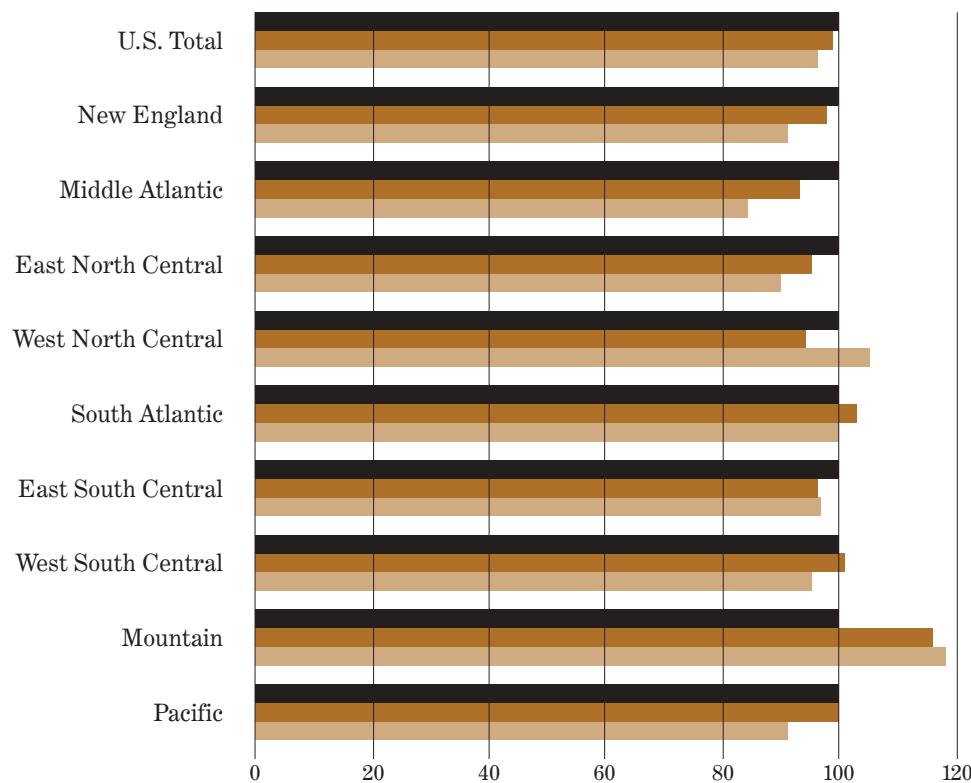
* Statistical comparisons are made at the 5% level of comparison. This means that for 95% of all possible samples, the estimate for 1991 cannot be shown to be different from the estimate for 2001.

Indices of Participants by State of Residence

(Indices simplify comparisons among the wildlife-related recreation activities. 1991's estimates are indexed at 100. The 1996 and 2001 indices are calculated by dividing those year's estimates by the 1991 estimates.)

FISHING

■ 1991 ■ 1996 ■ 2001

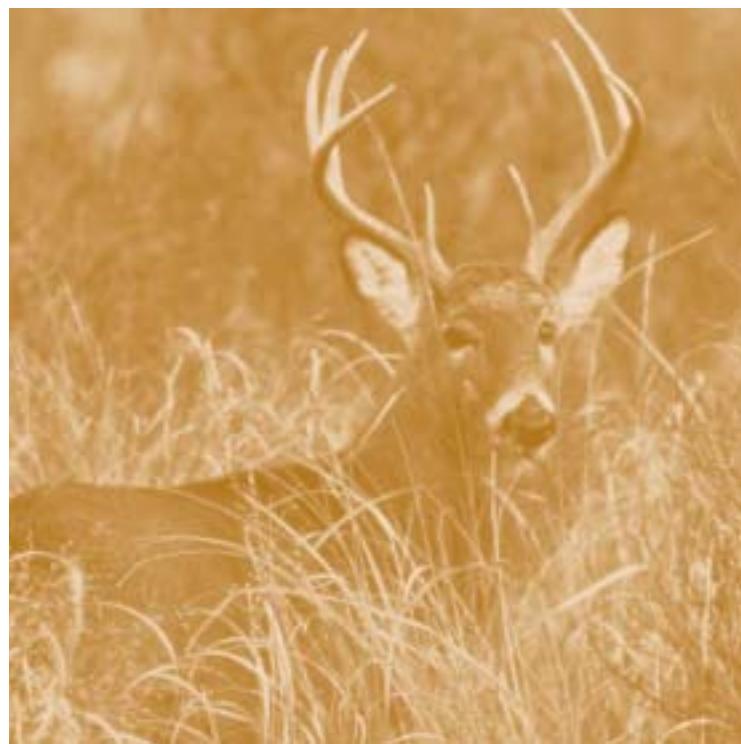
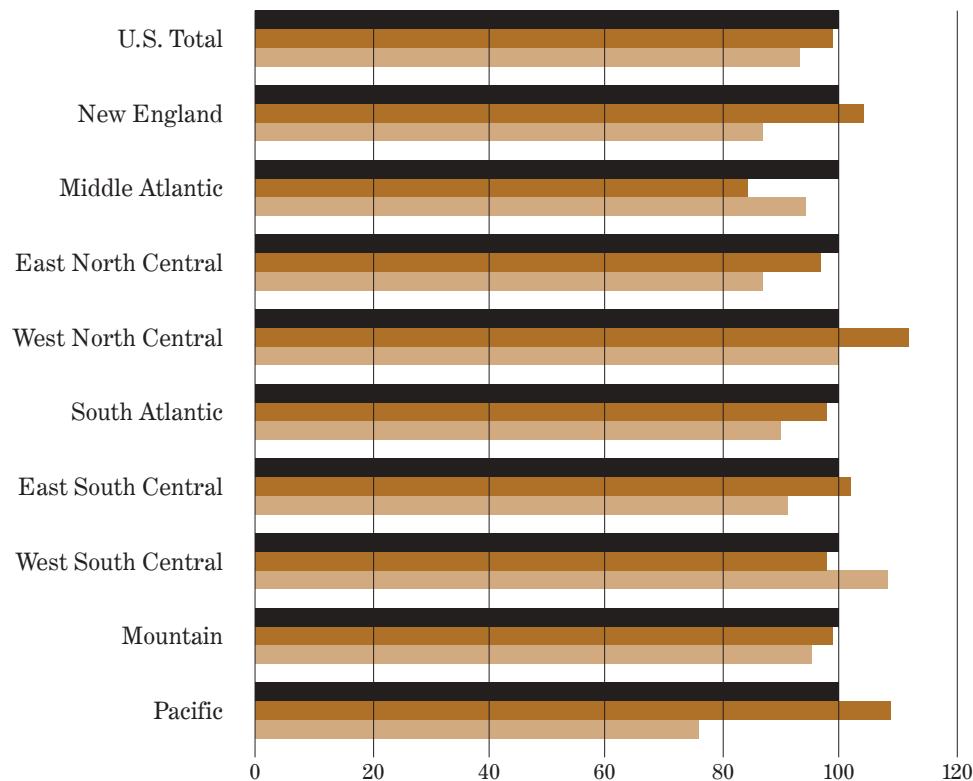


Indices of Participants by State of Residence (continued)

(Indices simplify comparisons among the wildlife-related recreation activities.
1991's estimates are indexed at 100. The 1996 and 2001 indices are calculated by
dividing those year's estimates by the 1991 estimates.)

HUNTING

■ 1991 ■ 1996 ■ 2001



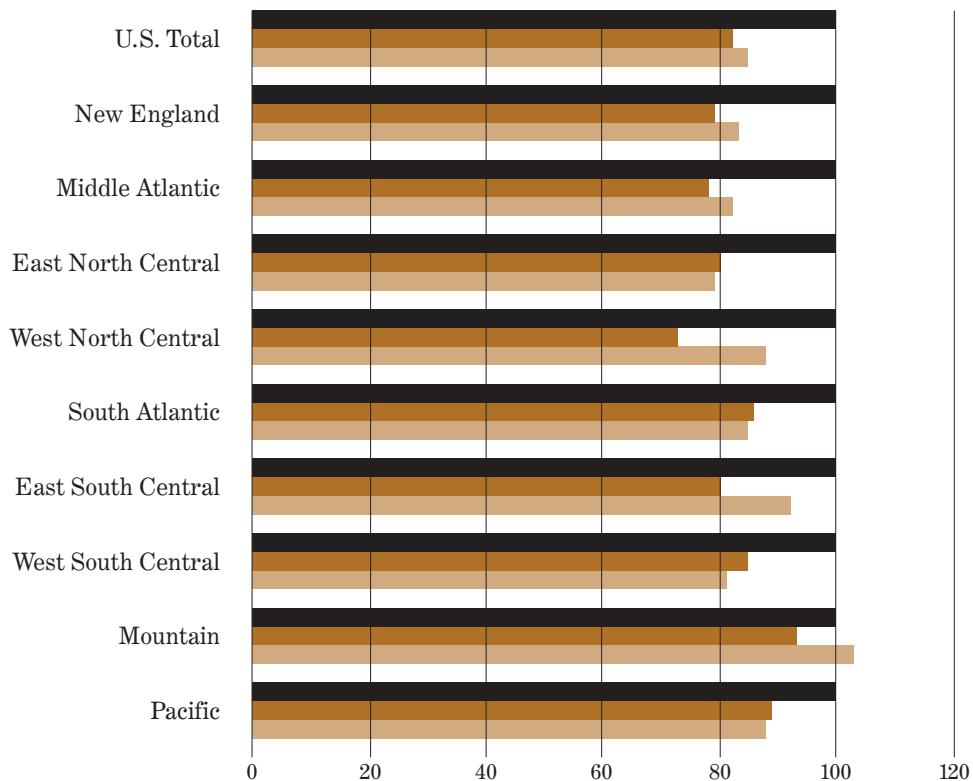
USFWS

Indices of Participants by State of Residence (continued)

(Indices simplify comparisons among the wildlife-related recreation activities. 1991's estimates are indexed at 100. The 1996 and 2001 indices are calculated by dividing those year's estimates by the 1991 estimates.)

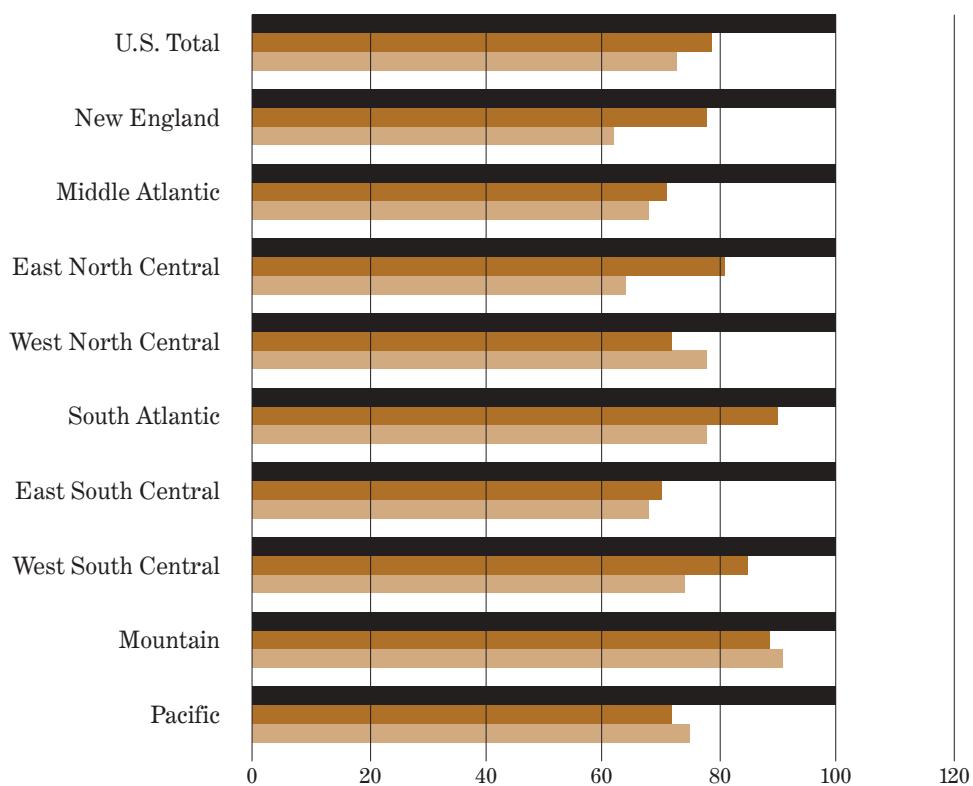
RESIDENTIAL (around the home) WILDLIFE WATCHING

■ 1991 ■ 1996 ■ 2001



NONRESIDENTIAL (away from home) WILDLIFE WATCHING

■ 1991 ■ 1996 ■ 2001



Conclusion

These preliminary regional and state-level estimates from the 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation are presented here in order to acquaint and update the public with timely information for wildlife and recreation planning. However, these estimates are still preliminary and subject to revision. They illustrate the

continued importance and value of fish and wildlife resources to each State, Region, and the Nation as a whole.

The following table lists the States with the highest level of activity for fishing, hunting, and wildlife watching. The final 2001 National Report will be issued in November 2002.

Top States

Most Participants In-State

In-State Hunters

1. Texas—1,201,000
2. Pennsylvania—1,000,000
3. Michigan—754,000
4. New York—714,000
5. Wisconsin—660,000

In-State Anglers

1. Florida—3,104,000
2. California—2,444,000
3. Texas—2,372,000
4. Minnesota—1,624,000
5. New York—1,550,000

In-State Wildlife Watchers

1. California—5,720,000
2. New York—3,887,000
3. Pennsylvania—3,794,000
4. Florida, Texas—3,240,000
5. Ohio—2,897,000

Highest Participation Rates

Hunting

1. Montana—24%
2. North Dakota—19%
3. West Virginia, Wyoming—17%
4. Alaska, Arkansas, Idaho, South Dakota—16%
5. Minnesota, Vermont, Wisconsin—15%

Fishing

1. Alaska—41%
2. Minnesota—36%
3. Wyoming—32%
4. Montana—31%
5. North Dakota—29%

Wildlife Watching

1. Vermont—60%
2. Minnesota—54%
3. Alaska, Wisconsin—53%
4. Maine, Montana—52%
5. Oregon, Washington—49%

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Carl Zitzman/USFWS

Table 1. Participants in Wildlife-Associated Recreation by Participant's State of Residence: 2001
 (U.S. population 16 years old and older. Numbers in thousands)

Participant's State of Residence	Total Participants		Sportsmen		Wildlife-Watching		
	Population	Number	Percent of Population	Number	Percent of Population	Number	Percent of Population
U.S. Total	212,298	82,302	39	37,805	18	66,105	31
Alabama	3,427	1,323	39	726	21	965	28
Alaska	454	320	70	205	45	241	53
Arizona	3,700	1,296	35	437	12	1,107	30
Arkansas	1,999	1,038	52	621	31	778	39
California	25,982	6,873	26	2,486	10	5,491	21
Colorado	3,215	1,518	47	679	21	1,213	38
Connecticut	2,536	996	39	331	13	883	35
Delaware	599	220	37	94	16	170	28
Florida	12,171	3,857	32	2,158	18	2,856	23
Georgia	6,096	1,932	32	1,136	19	1,326	22
Hawaii	916	195	21	114	12	126	14
Idaho	972	507	52	306	31	388	40
Illinois	9,244	3,148	34	1,507	16	2,492	27
Indiana	4,558	2,179	48	914	20	1,786	39
Iowa	2,201	1,212	55	580	26	983	45
Kansas	2,017	942	47	491	24	735	36
Kentucky	3,121	1,547	50	703	23	1,264	40
Louisiana	3,306	1,326	40	829	25	840	25
Maine	1,005	607	60	256	26	520	52
Maryland	4,078	1,546	38	571	14	1,311	32
Massachusetts	4,837	1,726	36	521	11	1,493	31
Michigan	7,587	2,950	39	1,325	17	2,424	32
Minnesota	3,688	2,388	65	1,437	39	1,993	54
Mississippi	2,111	851	40	533	25	579	27
Missouri	4,206	2,010	48	1,076	26	1,612	38
Montana	699	438	63	279	40	362	52
Nebraska	1,266	623	49	308	24	498	39
Nevada	1,454	439	30	194	13	334	23
New Hampshire	954	506	53	175	18	450	47
New Jersey	6,300	1,993	32	669	11	1,694	27
New Mexico	1,337	595	45	256	19	471	35
New York	14,201	3,990	28	1,493	11	3,524	25
North Carolina	5,918	2,330	39	982	17	1,884	32
North Dakota	483	228	47	170	35	135	28
Ohio	8,645	3,407	39	1,513	17	2,768	32
Oklahoma	2,587	1,308	51	730	28	1,042	40
Oregon	2,630	1,545	59	611	23	1,286	49
Pennsylvania	9,303	4,169	45	1,648	18	3,522	38
Rhode Island	765	280	37	96	13	242	32
South Carolina	3,080	1,375	45	674	22	1,079	35
South Dakota	559	326	58	176	31	251	45
Tennessee	4,317	2,109	49	903	21	1,706	40
Texas	15,445	4,515	29	2,745	18	3,088	20
Utah	1,554	736	47	468	30	572	37
Vermont	479	319	67	125	26	287	60
Virginia	5,471	2,535	46	970	18	2,168	40
Washington	4,516	2,587	56	932	21	2,234	49
West Virginia	1,447	694	48	353	24	517	36
Wisconsin	4,059	2,489	61	1,141	28	2,159	53
Wyoming	377	223	59	138	37	172	46

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

Table 2. Anglers and Hunters by State Where Fishing or Hunting Took Place: 2001
(U.S. 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	34,067	100	31,218	92	7,880	23	13,034	100	12,375	95	2,079	16
Alabama	851	100	610	72	241	28	423	100	307	73	116	27
Alaska	421	100	183	43	239	57	93	100	72	77	*21	*23
Arizona	419	100	351	84	68	16	148	100	119	81	*28	*19
Arkansas	782	100	543	69	239	31	431	100	303	70	128	30
California	2,444	100	2,288	94	156	6	274	100	261	95	*12	*5
Colorado	917	100	560	61	357	39	281	100	159	57	121	43
Connecticut	346	100	271	78	75	22	45	100	*35	*77	...	...
Delaware	148	100	71	47	*78	*53	16	100	13	81	...	...
Florida	3,104	100	2,057	66	1,047	34	226	100	191	84	*35	*16
Georgia	1,086	100	947	87	139	13	417	100	355	85	*62	*15
Hawaii	150	100	109	73	*41	*27	17	100	17	100	...	...
Idaho	416	100	251	60	165	40	197	100	150	76	47	24
Illinois	1,237	100	1,157	94	80	6	310	100	246	79	*64	*21
Indiana	874	100	784	90	90	10	290	100	269	93	...	...
Iowa	542	100	471	87	70	13	243	100	195	80	*48	*20
Kansas	404	100	357	88	*47	*12	291	100	189	65	103	35
Kentucky	780	100	590	76	190	24	323	100	269	83	*54	*17
Louisiana	970	100	753	78	217	22	333	100	293	88	*40	*12
Maine	376	100	212	56	165	44	164	100	123	75	41	25
Maryland	701	100	457	65	243	35	145	100	115	80	*30	*20
Massachusetts	615	100	425	69	191	31	66	100	64	97	...	...
Michigan	1,354	100	1,002	74	352	26	754	100	705	94	*48	*6
Minnesota	1,624	100	1,293	80	331	20	597	100	568	95	*29	*5
Mississippi	586	100	450	77	136	23	357	100	245	69	111	31
Missouri	1,215	100	942	78	272	22	489	100	405	83	84	17
Montana	349	100	212	61	138	39	229	100	170	74	59	26
Nebraska	296	100	241	81	55	19	173	100	124	72	*49	*28
Nevada	172	100	119	69	*53	*31	47	100	42	90	...	...
New Hampshire	267	100	147	55	119	45	78	100	52	67	*26	*33
New Jersey	806	100	531	66	275	34	135	100	108	80	...	...
New Mexico	314	100	197	63	*116	*37	130	100	105	80	*26	*20
New York	1,550	100	1,243	80	307	20	714	100	635	89	79	11
North Carolina	1,287	100	831	65	456	35	295	100	272	92	*23	*8
North Dakota	179	100	119	67	*59	*33	139	100	87	63	*52	*37
Ohio	1,371	100	1,225	89	146	11	490	100	452	92	*38	*8
Oklahoma	774	100	648	84	126	16	261	100	241	92	*20	*8
Oregon	687	100	513	75	174	25	248	100	234	94	*15	*6
Pennsylvania	1,266	100	1,032	82	234	18	1,000	100	858	86	142	14
Rhode Island	179	100	86	48	93	52	*9	*100	*7	*83	...	...
South Carolina	812	100	571	70	241	30	265	100	221	83	*44	*17
South Dakota	214	100	140	65	75	35	258	100	90	35	169	65
Tennessee	903	100	709	79	194	21	359	100	288	80	71	20
Texas	2,372	100	2,151	91	221	9	1,201	100	1,101	92	100	8
Utah	517	100	388	75	129	25	198	100	177	89	*22	*11
Vermont	171	100	96	56	75	44	100	100	74	74	*26	*26
Virginia	1,010	100	761	75	248	25	355	100	279	79	*75	*21
Washington	938	100	808	86	130	14	227	100	210	92	...	...
West Virginia	318	100	250	79	*67	*21	284	100	229	81	*55	*19
Wisconsin	1,412	100	941	67	471	33	660	100	588	89	*72	*11
Wyoming	293	100	117	40	176	60	133	100	65	49	68	51

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.

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

* Estimate based on small sample size.

Table 3. Days of Fishing by State Where Fishing Took Place and Angler's State of Residence: 2001
 (U.S. 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	557,394	100	501,321	90	56,965	10	557,394	100	501,321	90	56,965	10
Alabama	11,275	100	10,173	90	1,102	10	10,841	100	10,173	94	668	6
Alaska	3,408	100	2,395	70	1,013	30	2,445	100	2,395	98	*50	*2
Arizona	4,246	100	3,842	91	403	9	4,327	100	3,842	89	485	11
Arkansas	13,006	100	11,508	88	1,498	12	11,954	100	11,508	96	*445	*4
California	27,663	100	26,802	97	861	3	27,878	100	26,802	96	1,076	4
Colorado	9,269	100	6,478	70	2,791	30	7,639	100	6,478	85	1,161	15
Connecticut	4,768	100	4,363	91	405	9	5,482	100	4,363	80	1,120	20
Delaware	1,355	100	824	61	*531	*39	1,341	100	824	61	517	39
Florida	48,417	100	42,416	88	6,002	12	43,439	100	42,416	98	1,023	2
Georgia	13,757	100	13,145	96	613	4	15,559	100	13,145	84	2,414	16
Hawaii	2,633	100	2,561	97	*73	*3	2,662	100	2,561	96	*101	*4
Idaho	4,070	100	2,942	72	1,128	28	3,097	100	2,942	95	155	5
Illinois	16,133	100	15,699	97	434	3	21,603	100	15,699	73	5,904	27
Indiana	14,192	100	13,889	98	*302	*2	15,537	100	13,889	89	1,647	11
Iowa	7,485	100	7,048	94	436	6	8,534	100	7,048	83	1,486	17
Kansas	5,662	100	5,504	97	*158	*3	6,426	100	5,504	86	922	14
Kentucky	12,394	100	11,143	90	1,251	10	12,135	100	11,143	92	992	8
Louisiana	12,637	100	11,518	91	1,119	9	11,952	100	11,518	96	434	4
Maine	4,234	100	3,392	80	842	20	3,449	100	3,392	98	*58	*2
Maryland	7,471	100	5,818	78	1,653	22	7,112	100	5,818	82	1,294	18
Massachusetts	7,685	100	6,853	89	832	11	8,387	100	6,853	82	1,534	18
Michigan	19,320	100	17,613	91	1,707	9	18,869	100	17,613	93	*1,256	*7
Minnesota	30,083	100	27,482	91	2,601	9	29,344	100	27,482	94	1,862	6
Mississippi	9,461	100	8,406	89	1,056	11	9,325	100	8,406	90	920	10
Missouri	13,279	100	11,309	85	1,970	15	12,396	100	11,309	91	1,087	9
Montana	4,068	100	3,515	86	554	14	3,656	100	3,515	96	141	4
Nebraska	3,204	100	2,916	91	288	9	3,378	100	2,916	86	462	14
Nevada	1,575	100	1,422	90	...	...	2,230	100	1,422	64	809	36
New Hampshire	3,203	100	2,590	81	613	19	2,974	100	2,590	87	384	13
New Jersey	10,857	100	8,490	78	2,367	22	10,973	100	8,490	77	2,483	23
New Mexico	2,485	100	2,091	84	*394	*16	2,407	100	2,091	87	315	13
New York	24,720	100	21,736	88	2,984	12	23,181	100	21,736	94	1,445	6
North Carolina	15,369	100	13,493	88	1,876	12	14,615	100	13,493	92	1,122	8
North Dakota	2,186	100	1,969	90	*217	*10	2,584	100	1,969	76	615	24
Ohio	19,882	100	18,882	95	1,000	5	22,014	100	18,882	86	3,132	14
Oklahoma	12,741	100	12,395	97	345	3	13,228	100	12,395	94	832	6
Oregon	8,698	100	8,098	93	600	7	8,720	100	8,098	93	622	7
Pennsylvania	18,313	100	16,964	93	1,349	7	21,417	100	16,964	79	4,453	21
Rhode Island	2,047	100	1,393	68	655	32	1,638	100	1,393	85	246	15
South Carolina	10,679	100	9,769	91	910	9	10,321	100	9,769	95	553	5
South Dakota	2,984	100	2,238	75	746	25	2,414	100	2,238	93	176	7
Tennessee	15,035	100	13,409	89	1,627	11	15,451	100	13,409	87	2,042	13
Texas	32,823	100	30,768	94	2,055	6	34,148	100	30,768	90	3,380	10
Utah	5,238	100	4,701	90	537	10	5,346	100	4,701	88	644	12
Vermont	2,321	100	1,684	73	637	27	1,969	100	1,684	86	285	14
Virginia	14,468	100	13,402	93	1,066	7	14,774	100	13,402	91	1,373	9
Washington	12,841	100	12,284	96	558	4	13,520	100	12,284	91	1,236	9
West Virginia	4,152	100	3,880	93	*272	*7	4,346	100	3,880	89	466	11
Wisconsin	22,042	100	18,323	83	3,719	17	19,360	100	18,323	95	*1,037	*5
Wyoming	2,497	100	1,782	71	715	29	1,901	100	1,782	94	119	6

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

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

* Estimate based on small sample size.

Table 4. Expenditures for Fishing Where Spending Took Place: 2001
 (U.S. population 16 years old and older. Expenditures in thousands of dollars)

State where Spending Took Place	Trip-Related Expenditures				Expenditures for Equipment					Expendi- tures for Other Items ¹
	Total Expen- ditures	Total Trip- Related	Food and Lodging	Trans- portation	Other Trip Costs	Total Equip- ment	Fishing Equip- ment	Auxiliary Equip- ment	Special Equip- ment	
U.S. Total	35,632,132	14,656,001	5,880,997	3,515,757	5,259,247	16,963,398	4,617,488	721,048	11,624,862	4,012,733
Alabama	719,235	358,210	114,227	68,725	175,258	284,495	102,218	9,010	173,266	76,530
Alaska	536,641	424,182	154,886	118,875	150,421	92,009	36,200	10,280	45,529	20,451
Arizona	461,631	142,209	68,764	39,871	33,574	306,862	47,583	7,283	*251,996	12,560
Arkansas	441,516	183,719	72,392	58,224	53,102	206,848	65,451	*5,624	*135,773	50,949
California	2,013,929	1,129,693	445,790	232,308	451,595	792,404	444,279	52,981	295,144	91,833
Colorado	706,666	305,716	157,182	102,845	45,689	359,896	73,476	22,147	264,273	41,055
Connecticut	223,501	100,561	28,724	18,252	53,585	103,277	44,084	6,187	*53,006	19,663
Delaware	65,823	30,603	9,869	7,587	13,148	32,331	20,468	*1,767	*10,095	2,889
Florida	5,282,805	2,091,312	765,284	393,668	932,360	2,495,033	492,729	68,053	1,934,251	696,461
Georgia	541,093	246,467	105,637	70,811	70,020	259,982	103,557	16,693	*139,732	34,644
Hawaii	125,228	66,718	20,715	16,021	29,982	57,778	21,824	3,941	*32,013	732
Idaho	354,897	116,222	53,463	40,458	22,301	120,414	34,779	22,785	*62,850	118,260
Illinois	595,350	206,285	74,076	72,541	59,668	344,396	116,478	19,412	*208,505	44,670
Indiana	514,687	152,757	62,989	36,352	53,416	343,232	101,739	*7,638	*233,855	18,699
Iowa	368,712	105,275	35,622	36,607	33,047	251,839	42,010	12,200	*197,629	11,598
Kansas	226,782	80,948	32,112	25,650	23,186	135,382	29,189	4,268	*101,925	10,452
Kentucky	604,214	221,393	94,734	47,715	78,944	361,013	55,386	*3,944	*301,683	21,807
Louisiana	694,978	398,751	138,825	83,153	176,773	269,677	89,464	7,955	172,259	26,550
Maine	247,278	95,538	53,579	20,988	20,971	135,121	23,792	16,254	*95,076	16,619
Maryland	685,286	245,627	78,477	36,373	130,777	424,160	55,152	9,907	*359,102	15,499
Massachusetts	464,142	217,395	50,211	30,404	136,780	235,093	76,673	10,728	*147,692	11,653
Michigan	836,181	518,553	238,149	131,825	148,578	261,075	175,665	*8,860	*76,550	56,553
Minnesota	2,553,389	794,526	385,949	228,246	180,331	1,681,059	201,105	20,793	*1,459,160	77,805
Mississippi	208,315	118,202	44,585	28,588	45,029	80,868	50,768	4,996	*25,103	9,246
Missouri	743,886	318,072	165,923	88,755	63,394	393,920	108,004	18,254	*267,662	31,894
Montana	371,167	148,824	79,341	51,121	18,362	108,879	25,024	*3,250	*80,606	113,463
Nebraska	145,156	60,283	26,471	18,401	15,411	75,795	48,194	10,562	*17,039	9,078
Nevada	332,602	76,535	25,257	39,679	11,599	235,588	17,806	8,795	*208,987	20,479
New Hampshire	161,400	76,055	26,179	12,749	37,128	71,383	28,028	5,841	*37,514	13,961
New Jersey	841,108	374,144	96,585	50,654	226,905	302,491	103,507	11,786	*187,198	164,473
New Mexico	175,723	90,653	35,924	29,764	24,965	77,077	31,521	6,738	*38,818	7,993
New York	1,287,353	380,766	146,930	69,049	164,786	514,418	183,755	27,120	*303,543	392,169
North Carolina	1,075,944	452,303	233,813	85,480	133,010	565,544	100,440	7,678	*457,426	58,096
North Dakota	166,474	57,703	23,808	22,360	11,535	104,076	21,259	1,232	*81,586	4,695
Ohio	944,550	380,887	127,414	83,735	169,738	336,238	158,351	34,554	*143,332	227,426
Oklahoma	549,091	212,235	84,111	58,409	69,716	323,290	66,290	*36,099	*220,901	13,565
Oregon	689,444	258,963	99,880	84,839	74,244	277,572	74,502	11,343	191,726	152,910
Pennsylvania	576,259	282,752	118,171	78,031	86,549	234,406	110,060	20,293	*104,053	59,101
Rhode Island	104,370	70,198	18,433	7,990	43,775	32,984	11,218	*668	*21,098	1,188
South Carolina	557,580	317,966	126,983	64,041	126,942	226,465	78,111	32,885	*115,469	13,149
South Dakota	205,086	86,439	40,290	29,003	17,146	111,631	15,774	2,190	...	7,017
Tennessee	626,108	264,985	113,584	50,996	100,406	317,676	113,254	14,842	*189,580	43,447
Texas	2,686,491	871,368	340,768	229,359	301,241	1,468,478	239,862	30,870	*1,197,746	346,645
Utah	403,494	172,423	78,990	52,676	40,756	207,307	58,878	13,973	134,456	23,764
Vermont	91,981	59,262	26,980	22,656	9,627	26,231	17,668	*1,752	...	6,488
Virginia	514,806	277,484	105,317	63,412	108,756	220,207	99,864	*10,575	*109,769	17,114
Washington	998,670	342,369	119,783	98,846	123,741	500,051	114,775	26,329	358,947	156,250
West Virginia	101,778	64,673	29,302	18,471	16,900	29,651	22,603	*4,546	...	7,454
Wisconsin	1,228,886	512,347	260,820	125,247	126,279	357,930	146,379	17,988	193,563	358,609
Wyoming	277,124	95,178	43,563	33,824	17,791	70,819	10,758	*2,386	*57,676	111,127

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

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

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

* Estimate based on small sample size.

Table 5. Days of Hunting by State Where Hunting Took Place and Hunter's State of Residence: 2001
 (U.S. 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	228,368	100	209,880	92	20,891	9	228,368	100	209,880	92	20,891	9
Alabama	7,616	100	6,613	87	1,003	13	7,262	100	6,613	91	650	9
Alaska	1,146	100	953	83	*193	*17	982	100	953	97	*29	*3
Arizona	1,694	100	1,546	91	*148	*9	1,649	100	1,546	94	......	...
Arkansas	8,411	100	6,970	83	1,441	17	7,249	100	6,970	96	*279	*4
California	3,426	100	3,378	99	...	...	3,695	100	3,378	91	...	...
Colorado	2,610	100	1,680	64	930	36	1,982	100	1,680	85	*303	*15
Connecticut	766	100	*691	*90	...	...	824	100	*691	*84	*132	*16
Delaware	226	100	220	98	...	...	279	100	220	79	*59	*21
Florida	4,693	100	4,504	96	*190	*4	5,865	100	4,504	77	*1,362	*23
Georgia	7,973	100	7,339	92	*633	*8	7,882	100	7,339	93	*542	*7
Hawaii	316	100	*316	*100	...	...	322	100	*316	*98	...	...
Idaho	2,100	100	1,737	83	363	17	1,784	100	1,737	97	...	...
Illinois	4,522	100	4,159	92	*363	*8	5,842	100	4,159	71	*1,683	*29
Indiana	5,000	100	4,830	97	...	...	5,016	100	4,830	96	*186	*4
Iowa	3,989	100	3,819	96	*170	*4	4,086	100	3,819	93	*267	*7
Kansas	3,647	100	3,067	84	579	16	3,424	100	3,067	90	357	10
Kentucky	4,664	100	4,422	95	*242	*5	4,538	100	4,422	97	*116	*3
Louisiana	6,442	100	6,109	95	*333	*5	7,152	100	6,109	85	1,043	15
Maine	2,469	100	2,131	86	338	14	2,169	100	2,131	98	...	...
Maryland	1,799	100	1,645	91	*154	*9	1,992	100	1,645	83	*347	*17
Massachusetts	1,158	100	1,144	99	...	...	1,727	100	1,144	66	*583	*34
Michigan	8,994	100	8,477	94	*517	*6	8,784	100	8,477	96	...	...
Minnesota	8,437	100	7,499	89	*938	*11	8,673	100	7,499	86	*1,174	*14
Mississippi	8,481	100	6,589	78	1,892	22	6,977	100	6,589	94	*388	*6
Missouri	6,606	100	6,225	94	381	6	6,715	100	6,225	93	*490	*7
Montana	2,442	100	2,052	84	390	16	2,112	100	2,052	97	...	...
Nebraska	2,204	100	1,834	83	*370	*17	1,963	100	1,834	93	*129	*7
Nevada	490	100	467	95	...	...	558	100	467	84	*91	*16
New Hampshire	1,459	100	1,138	78	*321	*22	1,300	100	1,138	88	*162	*12
New Jersey	3,120	100	2,500	80	...	...	3,000	100	2,500	83	*500	*17
New Mexico	1,667	100	1,521	91	*146	*9	1,594	100	1,521	95	*73	*5
New York	13,187	100	12,797	97	390	3	13,124	100	12,797	98	*327	*2
North Carolina	7,526	100	7,338	98	*188	*2	8,372	100	7,338	88	*1,034	*12
North Dakota	1,635	100	1,364	83	*271	*17	1,417	100	1,364	96	*53	*4
Ohio	10,233	100	9,952	97	*282	*3	11,077	100	9,952	90	*1,125	*10
Oklahoma	5,642	100	5,546	98	*96	*2	5,965	100	5,546	93	*419	*7
Oregon	2,947	100	2,812	95	*135	*5	2,917	100	2,812	96	...	...
Pennsylvania	13,955	100	12,963	93	993	7	14,091	100	12,963	92	*1,128	*8
Rhode Island	104	100	*103	*99	...	...	193	100	*103	*53	*90	*47
South Carolina	4,744	100	4,437	94	*307	*6	4,657	100	4,437	95	*220	*5
South Dakota	2,644	100	1,173	44	1,471	56	1,347	100	1,173	87	*174	*13
Tennessee	6,651	100	6,069	91	582	9	6,962	100	6,069	87	893	13
Texas	14,081	100	13,437	95	644	5	15,186	100	13,437	88	*1,749	*12
Utah	2,455	100	2,332	95	*123	*5	2,512	100	2,332	93	*180	*7
Vermont	1,510	100	1,319	87	*190	*13	1,460	100	1,319	90	*141	*10
Virginia	5,818	100	5,375	92	*443	*8	5,819	100	5,375	92	*444	*8
Washington	2,951	100	2,836	96	...	...	3,311	100	2,836	86	*475	*14
West Virginia	5,166	100	4,652	90	*514	*10	4,791	100	4,652	97	*139	*3
Wisconsin	9,653	100	8,998	93	*655	*7	9,305	100	8,998	97	*307	*3
Wyoming	1,304	100	806	62	498	38	870	100	806	93	*64	*7

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

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

* Estimate based on small sample size.

Table 6. Expenditures for Hunting Where Spending Took Place: 2001
 (U.S. population 16 years old and older. Expenditures in thousands of dollars)

State where Spending Took Place	Trip-Related Expenditures				Expenditures for Equipment					Expendi- tures for Other Items ¹
	Total Expendi- tures	Total Trip- Related	Food and Lodging	Transpor- tation	Other Trip Costs	Total Equip- ment	Hunting Equip- ment	Auxiliary Equip- ment	Special Equip- ment	
U.S. Total	20,611,025	5,252,391	2,449,942	1,789,320	1,013,129	10,361,495	4,561,708	1,202,845	4,596,942	4,997,139
Alabama	601,167	195,870	94,275	55,233	46,361	308,730	164,671	37,311	*106,749	96,567
Alaska	216,753	160,516	26,836	39,957	93,723	38,203	20,207	8,325	...	18,034
Arizona	211,506	65,151	33,646	21,487	10,018	125,478	61,309	15,357	...	20,876
Arkansas	474,230	207,415	78,352	89,742	39,320	156,813	104,348	16,122	...	110,003
California	315,207	159,105	62,261	42,093	54,751	131,869	110,919	*20950	...	24,233
Colorado	376,924	185,738	70,048	57,139	58,552	109,543	81,581	13,241	...	81,643
Connecticut	81,222	6,976	*3,111	2,086	*1,779	58,402	17,193	*3013	...	15,844
Delaware	14,210	3,378	1,145	836	*1,396	9,492	2,939	*830	...	1,341
Florida	380,702	119,945	51,172	38,434	30,339	226,968	89,576	*20,365	...	33,788
Georgia	474,121	191,531	92,546	45,212	53,773	200,191	146,286	30,853	...	82,399
Hawaii	15,076	8,102	2,816	5,028	*258	6,512	5,322	*1,189	...	463
Idaho	275,948	83,091	28,083	44,618	10,390	97,964	40,152	17,305	...	94,894
Illinois	450,865	104,426	38,710	25,766	39,950	270,255	144,069	*47,035	...	76,183
Indiana	421,324	45,399	26,378	15,407	*3,613	189,852	114,621	26,620	...	186,074
Iowa	261,778	60,335	27,378	30,687	*2,270	116,790	58,925	19,198	...	84,653
Kansas	371,342	96,364	47,461	36,296	12,607	113,359	84,582	13,143	...	161,618
Kentucky	506,183	62,853	35,701	23,598	3,554	414,451	117,752	20,987	*275,712	28,879
Louisiana	416,953	120,668	62,739	36,522	21,406	273,295	102,305	18,962	*152,028	22,990
Maine	235,389	53,779	26,340	16,679	10,760	71,690	29,047	9,665	...	109,919
Maryland	125,885	32,450	14,289	11,416	6,745	58,371	43,103	10,692	...	35,064
Massachusetts	58,527	10,042	5,916	3,572	...	43,030	28,649	*6,888	...	5,455
Michigan	486,385	163,205	103,628	50,876	8,701	264,076	194,117	66,591	...	59,104
Minnesota	476,797	179,291	101,287	67,552	10,451	241,510	170,832	41,979	...	55,996
Mississippi	334,069	132,141	73,063	45,432	13,646	166,185	91,328	15,343	*59,514	35,743
Missouri	803,828	106,882	62,818	36,965	7,099	236,236	118,683	38,360	...	460,711
Montana	237,605	107,072	42,077	36,656	28,340	98,667	33,479	22,800	...	31,866
Nebraska	224,290	74,819	22,074	24,846	27,899	106,119	76,746	25,268	...	43,353
Nevada	162,662	21,494	10,892	7,354	3,248	129,537	23,861	36,715	...	11,631
New Hampshire	88,164	15,499	8,137	5,879	*1,483	47,212	36,399	7,323	...	25,453
New Jersey	144,467	67,411	21,745	17,844	*27,822	43,515	32,010	11,505	...	33,541
New Mexico	183,237	59,969	25,697	18,916	15,356	103,783	39,963	13,388	...	19,485
New York	970,491	179,227	82,419	42,942	53,866	367,360	162,342	53,142	...	423,904
North Carolina	555,634	91,739	47,428	27,555	16,756	445,233	120,890	24,449	...	18,662
North Dakota	103,353	53,723	26,440	25,784	1,499	33,559	26,260	6,736	...	16,071
Ohio	950,916	112,660	53,435	51,107	*8,118	740,406	231,838	40,707	...	97,850
Oklahoma	273,652	96,942	44,939	43,654	8,349	130,198	97,178	22,768	...	46,513
Oregon	576,001	108,604	46,205	42,251	20,148	232,503	115,873	32,440	...	234,894
Pennsylvania	936,459	189,881	104,014	73,084	12,782	417,181	234,438	79,119	...	329,398
Rhode Island	5,059	871	*360	*279	...	3,877	3,002	*862	...	311
South Carolina	386,212	95,643	35,530	41,709	18,404	157,655	107,590	19,847	...	132,914
South Dakota	269,708	142,086	65,169	54,869	22,048	99,874	49,960	30,743	...	27,747
Tennessee	576,865	118,267	63,694	38,223	16,351	384,266	137,839	24,319	*222,108	74,332
Texas	2,496,132	555,833	285,218	167,543	103,072	1,762,385	314,203	65,094	...	177,914
Utah	450,992	88,324	38,842	30,271	19,211	204,121	54,793	30,232	*119,096	158,548
Vermont	52,441	16,469	10,413	5,758	*298	24,041	18,994	5,047	...	11,930
Virginia	313,947	96,371	40,102	33,550	22,719	140,768	108,034	20,756	...	76,808
Washington	408,017	102,554	48,783	46,801	6,970	270,832	94,405	20,025	...	34,631
West Virginia	221,160	64,187	38,341	22,934	2,912	111,434	67,697	7,847	...	45,539
Wisconsin	796,416	167,193	88,888	60,268	18,037	321,074	200,183	59,710	*61,181	308,149
Wyoming	188,791	70,897	29,098	26,607	15,193	35,478	23,264	8,624	...	82,415

Note: U.S. totals include responses from participants residing in the District of Columbia. A column for special equipment expenditures was not included because of small sample sizes.

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

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

* Estimate based on small sample size.

Table 7. Participants in Wildlife-Watching Activity by State Where Activity Took Place: 2001
 (U.S. population 16 years old and older. Numbers in thousands)

State Where Activity Took Place	Total Participants		Residential Participants		Nonresidential Participants	
	Number	Percent	Number	Percent	Number	Percent
U.S. Total	66,105	100	62,928	95	21,823	33
Alabama	1,016	100	925	91	276	27
Alaska	420	100	221	53	292	69
Arizona	1,465	100	1,063	73	638	44
Arkansas	845	100	762	90	211	25
California	5,720	100	4,853	85	2,270	40
Colorado	1,552	100	1,127	73	838	54
Connecticut	965	100	859	89	279	29
Delaware	232	100	168	72	96	41
Florida	3,240	100	2,635	81	1,503	46
Georgia	1,494	100	1,305	87	411	28
Hawaii	220	100	120	54	141	64
Idaho	643	100	333	52	451	70
Illinois	2,621	100	2,379	91	638	24
Indiana	1,866	100	1,727	93	474	25
Iowa	1,028	100	939	91	310	30
Kansas	807	100	718	89	297	37
Kentucky	1,362	100	1,234	91	385	28
Louisiana	931	100	802	86	314	34
Maine	778	100	501	64	419	54
Maryland	1,524	100	1,261	83	533	35
Massachusetts	1,686	100	1,443	86	542	32
Michigan	2,666	100	2,361	89	884	33
Minnesota	2,155	100	1,932	90	634	29
Mississippi	631	100	576	91	131	21
Missouri	1,826	100	1,514	83	738	40
Montana	687	100	341	50	511	74
Nebraska	565	100	469	83	186	33
Nevada	543	100	300	55	309	57
New Hampshire	766	100	445	58	425	56
New Jersey	1,895	100	1,640	87	688	36
New Mexico	671	100	449	67	387	58
New York	3,887	100	3,442	89	1,330	34
North Carolina	2,168	100	1,815	84	588	27
North Dakota	190	100	125	66	93	49
Ohio	2,897	100	2,653	92	898	31
Oklahoma	1,131	100	997	88	403	36
Oregon	1,680	100	1,204	72	910	54
Pennsylvania	3,794	100	3,371	89	1,279	34
Rhode Island	298	100	237	80	98	33
South Carolina	1,186	100	1,045	88	331	28
South Dakota	358	100	241	67	181	51
Tennessee	2,084	100	1,655	79	683	33
Texas	3,240	100	2,930	90	1,002	31
Utah	806	100	515	64	530	66
Vermont	496	100	280	56	307	62
Virginia	2,460	100	2,105	86	772	31
Washington	2,496	100	2,105	84	1,065	43
West Virginia	605	100	492	81	219	36
Wisconsin	2,442	100	2,076	85	1,000	41
Wyoming	498	100	154	31	416	84

Note: Detail does not add to total because of multiple responses. U.S. totals include responses from participants residing in the District of Columbia. Wildlife watching includes participation for the primary purpose of observing, feeding, or photographing fish and wildlife.

Table 8. Days of Nonresidential Wildlife-Watching Activity by State Where Activity Took Place and Participant's State of Residence: 2001
(U.S. 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 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	372,006	100	306,170	82	65,837	18	372,006	100	306,170	82	65,837	18
Alabama	3,643	100	3,350	92	*294	*8	4,052	100	3,350	83	*702	*17
Alaska	3,892	100	1,654	43	2,237	57	1,799	100	1,654	92	*144	*8
Arizona	4,584	100	2,464	54	2,120	46	3,693	100	2,464	67	1,229	33
Arkansas	1,562	100	*1,229	*79	*333	*21	1,551	100	*1,229	*79	...	...
California	23,807	100	21,661	91	2,145	9	26,556	100	21,661	82	4,895	18
Colorado	9,510	100	5,874	62	3,636	38	6,613	100	5,874	89	*739	*11
Connecticut	7,241	100	6,227	86	*1,014	*14	7,091	100	6,227	88	864	12
Delaware	722	100	417	58	*304	*42	668	100	417	62	251	38
Florida	21,388	100	17,725	83	3,663	17	21,705	100	17,725	82	*3,980	*18
Georgia	4,868	100	4,219	87	*648	*13	5,211	100	4,219	81	*991	*19
Hawaii	1,718	100	1,072	62	*646	*38	1,157	100	1,072	93	*85	*7
Idaho	3,610	100	2,063	57	1,547	43	2,686	100	2,063	77	*623	*23
Illinois	7,656	100	6,971	91	685	9	9,378	100	6,971	74	2,407	26
Indiana	11,999	100	11,386	95	*613	*5	12,986	100	11,386	88	*1,600	*12
Iowa	6,393	100	6,135	96	*258	*4	7,135	100	6,135	86	1,000	14
Kansas	2,416	100	1,667	69	*749	*31	2,783	100	1,667	60	1,116	40
Kentucky	5,689	100	5,287	93	*402	*7	7,108	100	5,287	74	*1,821	*26
Louisiana	2,432	100	2,167	89	*265	*11	2,399	100	2,167	90	...	...
Maine	4,981	100	3,251	65	1,730	35	3,452	100	3,251	94	*201	*6
Maryland	6,809	100	5,137	75	1,672	25	6,570	100	5,137	78	1,434	22
Massachusetts	10,198	100	9,094	89	1,103	11	10,796	100	9,094	84	1,701	16
Michigan	13,999	100	12,285	88	1,714	12	14,180	100	12,285	87	*1,895	*13
Minnesota	13,234	100	12,354	93	880	7	13,489	100	12,354	92	*1,135	*8
Mississippi	3,288	100	*3,121	*95	...	...	3,486	100	*3,121	*90	*365	*10
Missouri	12,448	100	10,937	88	1,510	12	12,611	100	10,937	87	*1,673	*13
Montana	4,612	100	2,812	61	1,799	39	3,074	100	2,812	91	*262	*9
Nebraska	2,240	100	1,538	69	*702	*31	1,968	100	1,538	78	*430	*22
Nevada	1,567	100	673	43	*894	*57	1,161	100	673	58	488	42
New Hampshire	3,178	100	1,232	39	1,946	61	1,810	100	1,232	68	578	32
New Jersey	9,873	100	8,988	91	886	9	12,560	100	8,988	72	3,572	28
New Mexico	6,381	100	5,209	82	1,173	18	5,474	100	5,209	95	*266	*5
New York	21,583	100	18,836	87	2,748	13	22,099	100	18,836	85	*3,263	*15
North Carolina	5,947	100	4,551	77	1,396	23	5,548	100	4,551	82	*997	*18
North Dakota	523	100	396	76	...	...	469	100	396	85	*72	*15
Ohio	19,814	100	18,995	96	*819	*4	21,366	100	18,995	89	2,371	11
Oklahoma	4,058	100	3,680	91	*378	*9	3,912	100	3,680	94	...	...
Oregon	8,517	100	6,458	76	2,059	24	7,571	100	6,458	85	1,113	15
Pennsylvania	18,990	100	16,534	87	2,456	13	20,066	100	16,534	82	3,532	18
Rhode Island	1,414	100	773	55	*641	*45	1,003	100	773	77	*230	*23
South Carolina	4,616	100	3,828	83	*788	*17	4,557	100	3,828	84	*729	*16
South Dakota	1,923	100	1,409	73	514	27	2,015	100	1,409	70	*606	*30
Tennessee	6,144	100	3,138	51	3,007	49	3,706	100	3,138	85	*569	*15
Texas	7,711	100	6,345	82	1,366	18	12,561	100	6,345	51	*6,216	*49
Utah	4,414	100	3,199	72	1,215	28	4,007	100	3,199	80	808	20
Vermont	3,717	100	1,705	46	2,012	54	2,143	100	1,705	80	*439	*20
Virginia	8,906	100	7,541	85	1,365	15	10,212	100	7,541	74	2,671	26
Washington	11,256	100	9,647	86	1,609	14	12,763	100	9,647	76	3,115	24
West Virginia	2,619	100	2,195	84	*424	*16	2,508	100	2,195	88	*313	*12
Wisconsin	16,499	100	13,573	82	2,926	18	15,028	100	13,573	90	*1,455	*10
Wyoming	3,924	100	1,724	44	2,200	56	1,791	100	1,724	96	*67	*4

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

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

* Estimate based on small sample size.

Table 9. Expenditures for Wildlife-Watching Activities Where Spending Took Place: 2001

(U.S. population 16 years old and older. Expenditures in thousands of dollars)

State Where Spending Took Place	Trip-Related Expenditures					Expenditures for Equipment				
	Total Expenditures	Total Trip-Related	Food and Lodging	Transportation	Other Trip Costs	Total Equipment	Wildlife-Watching Equipment	Auxiliary Equipment	Special Equipment	Expenditures for Other Items ¹
U.S. Total	39,991,347	8,162,439	4,818,843	2,595,542	748,054	25,116,451	7,353,977	716,900	17,045,574	6,712,457
Alabama	1,210,777	79,531	32,846	36,772	*9,913	557,669	117,866	*3,216	*436,587	573,577
Alaska	538,277	386,233	174,348	157,007	54,878	92,749	25,921	*2,749	*64,079	59,295
Arizona	979,085	304,677	193,511	98,217	12,950	642,897	125,399	20,470	*497,028	31,511
Arkansas	242,605	20,044	9,142	9,540	*1,361	203,169	79,595	*22,709	...	19,393
California	3,686,703	880,805	531,229	300,502	49,074	2,345,311	520,565	51,816	*1,772,930	460,587
Colorado	621,043	416,734	278,931	120,020	17,784	169,470	132,796	19,969	...	34,839
Connecticut	223,937	38,010	25,911	10,255	*1,844	140,790	111,124	*6,533	...	45,137
Delaware	41,809	14,287	9,381	3,191	*1,715	20,554	19,148	*1,405	...	6,968
Florida	1,568,071	675,384	399,998	171,131	104,255	830,630	268,129	*29,814	...	62,056
Georgia	527,417	123,264	76,011	32,963	14,290	358,706	126,764	*14,086	...	45,447
Hawaii	131,379	69,057	39,786	24,537	4,735	52,242	15,021	*1,397	...	10,080
Idaho	356,088	96,807	52,140	40,346	4,321	246,467	41,706	*5,499	...	12,815
Illinois	814,131	85,618	50,906	27,711	*7,000	690,475	240,146	*12,988	...	38,038
Indiana	625,687	118,525	70,951	41,991	5,582	335,528	216,743	*10,665	...	171,634
Iowa	1,098,664	22,067	11,104	9,740	*1,223	1,053,743	105,714	...	...	22,854
Kansas	128,189	32,175	19,827	11,388	*960	71,475	68,245	...	...	24,539
Kentucky	811,514	49,776	26,723	22,344	*710	540,335	104,876	*9,617	...	221,403
Louisiana	165,746	55,424	28,741	20,502	*6,181	96,720	69,708	*3,918	...	13,601
Maine	560,382	147,530	78,551	36,659	32,319	188,704	54,070	*7,023	*127,611	224,148
Maryland	1,392,754	129,692	94,261	30,482	4,949	980,785	149,180	10,914	*820,691	282,276
Massachusetts	459,338	162,433	71,543	46,264	44,625	244,979	146,733	*11,025	...	51,927
Michigan	680,666	281,978	189,425	55,156	37,397	342,558	284,188	...	...	56,130
Minnesota	523,529	115,640	66,717	40,070	8,853	364,213	198,180	*4,859	...	43,676
Mississippi	544,462	36,109	*20,572	*12,285	*3,252	484,633	52,539	...	...	23,721
Missouri	444,137	156,986	93,056	58,100	5,830	271,069	161,573	*8,304	...	16,083
Montana	392,076	207,496	118,394	75,571	13,531	157,184	52,669	*3,934	...	27,396
Nebraska	304,774	18,413	9,115	8,860	*439	100,327	40,110	*4,788	...	186,034
Nevada	248,620	70,164	31,280	36,093	2,790	171,919	34,787	*7,035	...	6,537
New Hampshire	341,579	177,305	132,641	32,523	12,140	146,992	61,153	5,660	...	17,282
New Jersey	1,235,844	142,042	94,534	32,274	15,234	1,026,199	177,159	*8,926	...	67,603
New Mexico	555,616	151,015	92,938	52,514	5,564	295,184	123,706	39,842	...	109,417
New York	1,390,035	248,174	124,398	63,911	59,865	785,505	487,135	*10,374	...	356,356
North Carolina	1,179,074	158,523	107,682	45,662	*5,179	928,980	210,109	*9,487	...	91,571
North Dakota	26,824	9,361	6,145	2,870	*346	14,886	7,968	...	...	2,576
Ohio	880,250	129,788	79,646	41,361	*8,782	715,801	279,554	*38,204	...	34,661
Oklahoma	190,928	69,211	30,297	33,167	*5,747	109,137	101,866	*3,798	...	12,580
Oregon	1,040,618	304,990	182,183	108,457	14,350	611,504	124,557	29,672	*457,276	124,123
Pennsylvania	955,903	171,658	101,996	59,749	9,913	723,972	353,549	*44,851	*325,572	60,274
Rhode Island	167,959	66,639	17,518	9,908	*39,213	95,821	13,316	...	...	5,499
South Carolina	254,872	89,045	55,833	25,075	*8,137	147,950	111,568	*6,463	...	17,876
South Dakota	91,306	53,556	28,227	19,777	5,552	22,917	14,654	*2,417	...	14,833
Tennessee	807,257	206,729	148,601	55,118	*3,009	571,165	158,771	*5,730	...	29,363
Texas	2,583,694	228,780	146,525	61,227	*21,028	1,332,948	311,298	*61,297	...	1,021,967
Utah	681,954	175,861	103,573	58,169	14,118	404,233	65,496	18,044	*320,692	101,861
Vermont	202,998	63,243	36,855	23,632	2,756	56,943	36,398	*2,904	...	82,811
Virginia	1,217,506	172,351	106,629	58,065	7,657	579,815	256,963	23,147	...	465,340
Washington	1,306,042	282,492	158,195	102,233	22,064	803,247	268,627	62,080	*472,540	220,303
West Virginia	163,109	78,860	28,073	46,270	*4,516	80,065	63,388	*3,766	...	4,184
Wisconsin	4,339,905	250,760	151,554	77,512	21,694	3,501,334	244,093	24,380	*323,2861	587,811
Wyoming	391,528	135,626	79,584	47,630	8,412	110,526	23,482	*2,383	...	145,377

Note: U.S. totals include responses from participants residing in the District of Columbia. A column for special equipment expenditures was not included because of small sample sizes.

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

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

* Estimate based on small sample size.

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