

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

*National Overview*

Issued August 2012

**Preliminary Findings**

# Director's Message

From its monumental mountains and bountiful lands, to the great lakes and roving rivers, America the Beautiful is truly graced with an outdoors cherished more and more each day. The evidence is found in the *2011 National Survey of Fishing, Hunting, and Wildlife Recreation*.

This report demonstrates the value of Fish and Wildlife-Related Recreation to the American people by providing information on participation and expenditures for fishing, hunting and wildlife watching.

Wildlife-associated recreation not only sustains our spirit and connects us to each other and the natural world, but also provides significant financial support for wildlife conservation in our nation's economy. According to preliminary information from the latest national survey, 90 million people, 38 percent of all Americans 16 years and older, participated in wildlife-related recreation in 2011 and spent \$145 billion dollars. This spending supports thousands of jobs in industries and businesses connected to fishing, hunting and the observance of wildlife.

The National Survey is conducted every five years at the request of the State fish and wildlife agencies to measure the importance of wildlife-based recreation to the American people. The 2011 Survey represents the 12th in a series since 1955. Developed in collaboration with the States, the Association of Fish and Wildlife Agencies, and national conservation organizations, the Survey has become one of the most important sources of information on fish and wildlife recreation in the country.

It is an honor to present these findings to you in this unprecedented year as we celebrate the 75th anniversary of the Wildlife Sport Fish and Restoration Program – a celebration of partnerships to benefit fish and wildlife, and provide Americans access to the Great Outdoors through a self-imposed investment paid by manufacturers and users of gear purchased by anglers, boaters, and shooters and managed by Federal and State fish and wildlife agencies.

I express many thanks to the men and women who took time to participate in the survey as well as to the State fish and wildlife agencies for their financial support through the Multistate Conservation Grant Programs. Without this support, the 2011 Survey would not have been possible.

I would also like to express my sincere gratitude for the countless number of dedicated Americans who continue to enjoy and support wildlife conservation each and every day. I am grateful to the tremendous partnership successes that help to lay the groundwork for the future of conservation across our beloved nation.



Daniel Ashe  
Director, U.S. Fish and Wildlife Service

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

*National Overview*

Issued August 2012

**Preliminary Findings**

# Preface

Preliminary information from the 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (FHWAR) is provided in this report. The final National Report will be available in November 2012.

The Survey is a partnership effort with state agencies and national conservation organizations and has become one of the most important sources of information on fish and wildlife-related recreation in the United States. The Survey collects information on participation and expenditures for hunting, fishing, and wildlife-watching activities such as observing, feeding, and photographing wildlife.

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



USFWS

# Foreword

The 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation is the twelfth in a series of surveys that have been conducted every five years since 1955. The purpose of the Survey is to collect and report information on the number of people who fished, hunted, and wildlife watched, the extent of their activity, and the money they spent on their activities in 2011.

The Survey is conducted at the request of State wildlife management agencies through the Association of Fish and Wildlife Agencies, and is coordinated by the U.S. Fish and Wildlife Service. Funding comes from the Multistate Conservation Grant Programs authorized by the Wildlife and Sport Fish Restoration Programs Improvement Act of 2000. The Survey was developed with assistance from representatives of State agencies, national conservation organizations, and related industries.

Results are based on data collected by the U.S. Census Bureau. The Census Bureau contacted 48,627 households for interviews. Samples of 16,371 potential anglers and hunters and 13,861 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 2011 and January of 2012. Interviews were completed in May 2012.

The survey methodology used in 2011 was similar to that used for the 2006, 2001, 1996, and 1991 Surveys, so the estimates are comparable.

An outlier analysis was done on the special equipment and land ownership expenditure data. A purchase was



USFWS

flagged if it was over \$60,000. If the item was reported by more than one household member or double-reported by a respondent, it was deleted. Also, if the respondent's income level was not high enough to support such a purchase it was assumed the respondent gave us the total value of their recreation equipment instead of the amount spent that year, and the amount was deleted. Twenty-six expenditure items were deleted.

# Preliminary Report

In 2011 90.1 million Americans, 38% of the U.S. population 16 years old and older, enjoyed some form of fishing, hunting or wildlife-associated recreation. Outdoor recreation is a huge contributor to our nation's economy. Expenditures by hunters, anglers and wildlife-recreationists were \$145.0 billion. This equates to 1% of gross domestic product; meaning one out of every one hundred dollars of all goods and services produced in the U.S. is due to wildlife-related recreation.

Almost 37.4 million Americans participated in fishing, hunting or both sports in 2011. These sportsmen and women spent \$43.2 billion on equipment, \$32.2 billion on trips, and \$14.6 billion on licenses and fees, membership dues and contributions, land leasing and ownership, and plantings for hunting. On average, each sportsperson spent \$2,407 in 2011.

Although the Survey focuses on collecting information on people 16 years of age and older who participated in wildlife-related recreation in 2011, it does include some information on 6 to 15-year-olds. Data available from the FHWAR Survey screen reveals 1.8 million 6 to 15 year olds hunted, 8.5 million fished, and 11.7 million watched wildlife.

The Survey measures the number of people who participated in wildlife-related recreation in 2011 and is not intended to reflect the total number of wildlife-related recreationists in the U.S. Many individuals can be considered hunters and anglers even though they did not participate in 2011.



USFWS

## Fishing

As one of the most popular outdoor recreational activities in the United States, fishing attracted 33.1 million individuals 16 years old and older in 2011. These anglers spent an average of 17 days fishing. Freshwater, excluding Great Lakes, fishing was the most popular type of fishing with 27.1 million anglers devoting 443 million days to the sport. Great Lakes and saltwater fishing were also popular with 1.7 million and 8.9 million anglers, respectively.

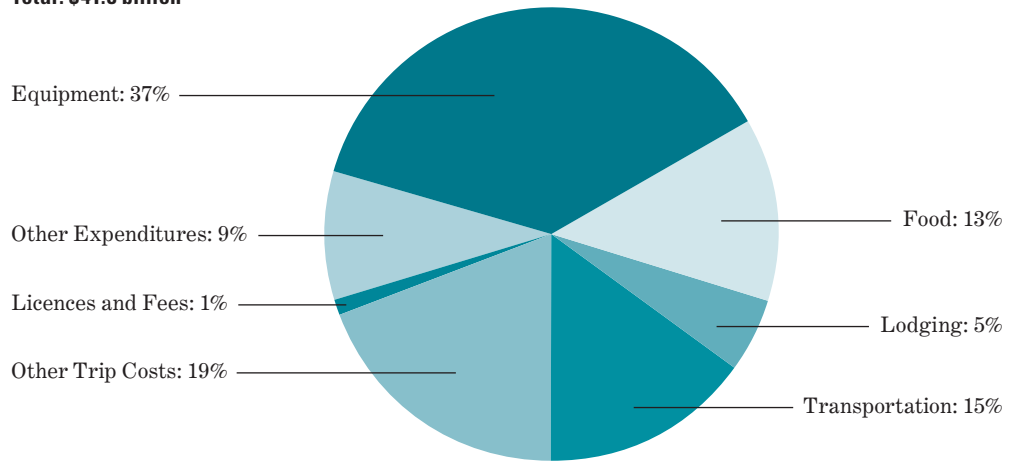
Anglers spent \$41.8 billion on trips, equipment, licenses, and other items to support their fishing activities in 2011. The average expenditure per angler was \$1,261. Trip-related spending on food, lodging, transportation and other trip costs totaled \$21.8 billion, which is 52% of all angler spending. Spending on equipment was \$15.5 billion and comprised 37% of spending. Magazines, membership dues and contributions, licenses, and other fishing expenditures accounted for 11% at \$4.5 billion.

Comparing results from the 2011 FHWR Survey with those of the 2006 Survey reveals the number of anglers increased 11%. The biggest increase was by Great Lakes anglers, a 17% increase in participation. The increases for saltwater and non-Great Lakes freshwater angling participation were 15% and 8%, respectively.

While participation in fishing increased from 2006 to 2011, total fishing-related expenditures declined 11%. Expenditures for fishing equipment such as rods, reels, poles, and tackle did not decline, however. All pre-2011 expenditures in this report were adjusted to be in 2011 dollars.

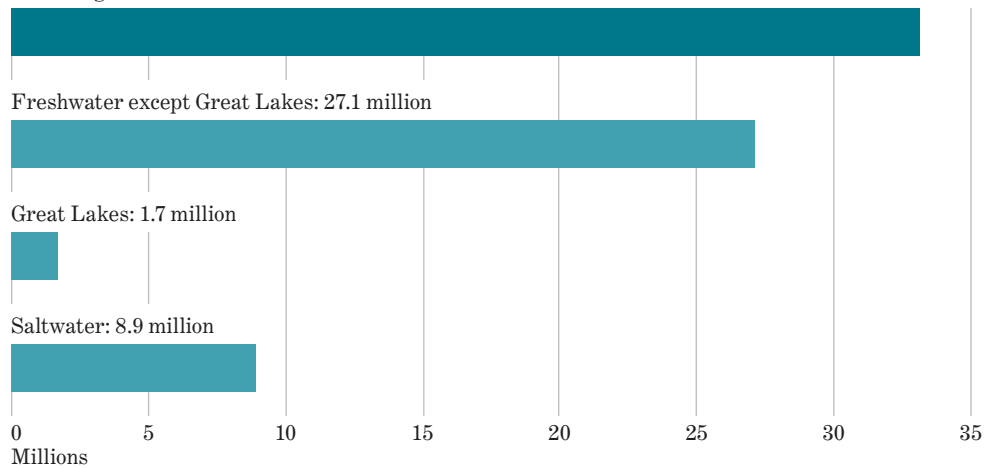
## Fishing Expenditures: 2011

Total: \$41.8 billion

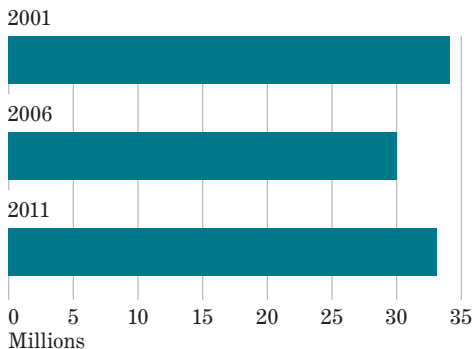


## Total Anglers and Anglers by Water Type: 2011

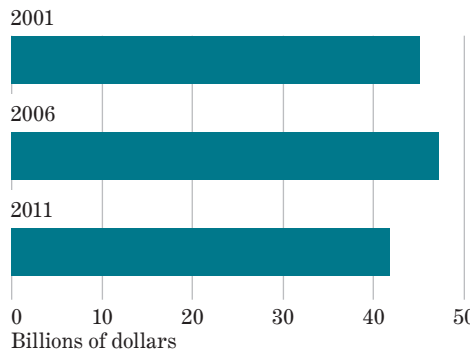
Total Anglers: 33.1 million



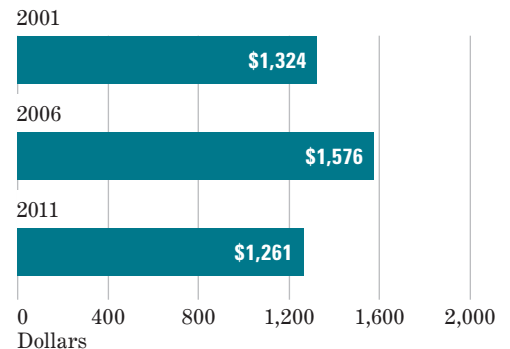
## Anglers: 2001–2011



## Angler Expenditures: 2001–2011



## Average Angler Expenditures: 2001–2011



Comparing the 2001 and 2011 Survey estimates reveals no statistically significant change<sup>1</sup> in the number of anglers. Overall spending declined 7%. The category of spending that experienced the greatest decrease (-44%) was special equipment, which are big-ticket items such as boats and recreational vehicles. Expenditures for fishing equipment did not change, similar to the 2006–2011 trend.

### Hunting

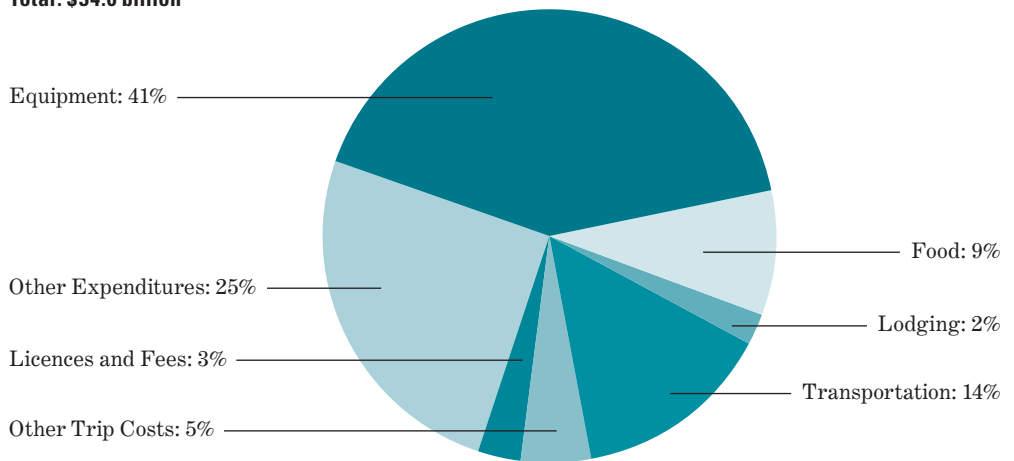
In 2011 13.7 million people, 6% of the U.S. population 16 years old and older, went hunting. Hunters in the U.S. spent an average of 21 days pursuing wild game. Big game like elk, deer and wild turkey attracted 11.6 million hunters (85%) who spent 212 million days afield. Over 4.5 million (33%) pursued small game including squirrels, rabbits, quails, and pheasants on 51 million days. Migratory birds, such as geese, ducks and doves, attracted 2.6 million hunters (19%) who spent 23 million days hunting. Hunting for other animals such as coyotes, groundhogs and raccoons attracted 2.2 million hunters (16%) who spent 34 million days afield.

Hunters spent \$34.0 billion on trips, equipment, licenses, and other items to support their hunting activities in 2011. The average expenditure per hunter was \$2,484. Total trip-related expenditures comprised 31% of all spending at \$10.4 billion. Other expenditures, such as licenses, stamps, land leasing and ownership, and plantings totaled

<sup>1</sup> Changes are judged to be significant if they are at the 95% level. This means that for 95% of all possible samples, the estimate for one survey year cannot be shown to be different from the estimate for the other survey year. Approximate standard errors were used.

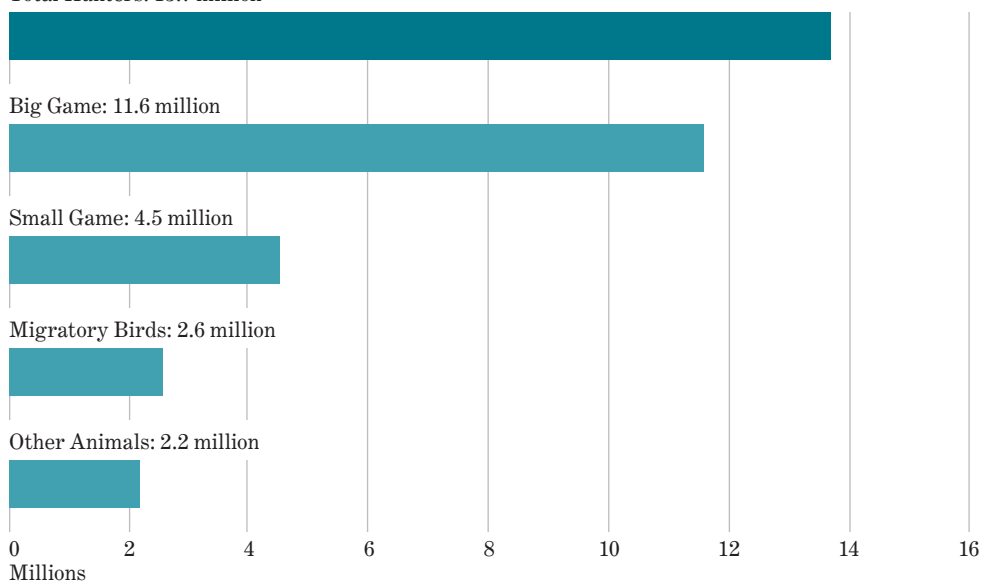
### Hunting Expenditures: 2011

Total: \$34.0 billion

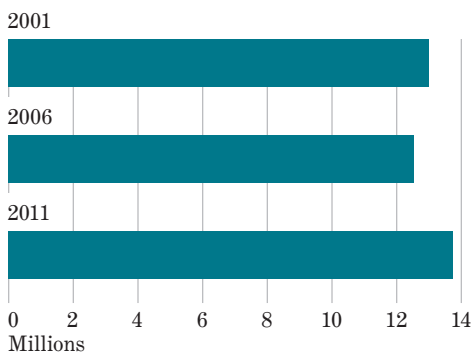


### Total Hunters and Type of Hunting: 2011

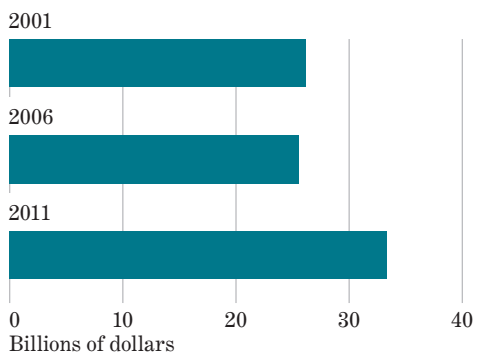
Total Hunters: 13.7 million



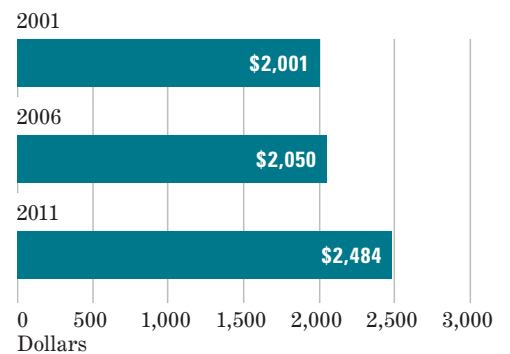
### Hunters: 2001–2011



### Hunter Expenditures: 2001–2011



### Average Hunter Expenditures: 2001–2011





\$9.6 billion, 28% of all spending. Spending on equipment such as guns, camping equipment, and 4-wheel drives comprised 41% of spending with \$14.0 billion.

Overall hunting participation increased 9% from 2006 to 2011. The numbers of big game hunters rose 8%, migratory bird hunters increased 13%, and hunters seeking other animals increased by 92%. The number of small game hunters declined 6%, which is not statistically significant.

Total hunting-related spending increased between 2006 and 2011. There was a 30% increase over the five-year period. Purchases of hunting equipment such as guns, decoys, and ammunition increased 29%. The category with the biggest increase was land leasing and ownership with 50%. Trip-related spending was up 39%.

The 10-year comparison of the 2001 and 2011 Surveys shows an increase in both the number of hunters and their expenditures. Overall participation was up 5% over the time period. Big game hunting increased 6%. Small game and migratory bird hunting had declines of 17% and 13%, respectively. Other animal hunting increased 107%. Total hunting expenditures increased 27%. Expenditures for hunting equipment, such as firearms, ammunition, and archery equipment, increased 33%.

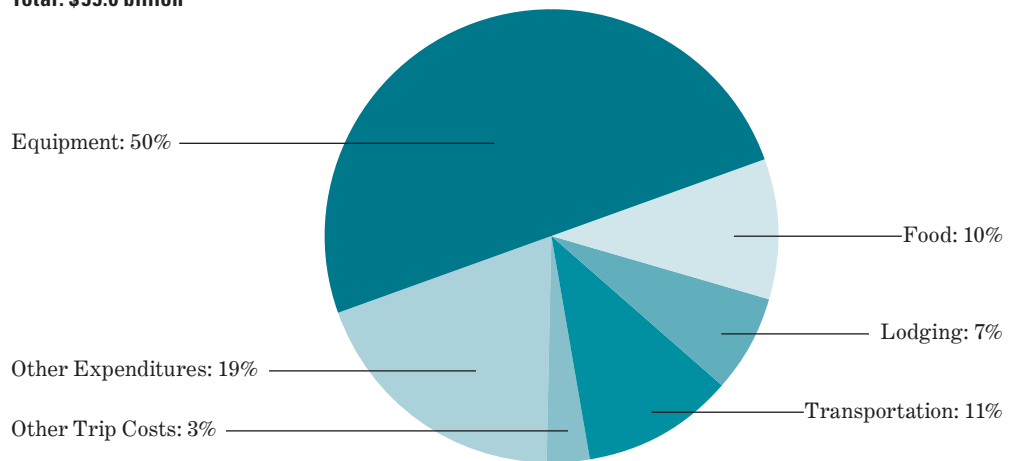
### Wildlife Watching

Wildlife watching is a favorite pastime for millions in the U.S. Nearly 71.8 million people 16 years old and older fed, photographed, and observed wildlife in 2011. They spent \$55.0 billion on their activities. The Survey defines wildlife watching as participants either taking a “special interest” in wildlife around their homes or taking a trip for the “primary purpose” of wildlife watching. Wildlife-watching activities such as incidentally observing wildlife while gardening are not included.

Of the 71.8 million people who engaged in wildlife watching in 2011, 22.5 million (31%) participated by taking trips away from home and 68.6 million (96%) participated around their home. Away-from-home participants are defined as those who travel a mile or more from home to engage in wildlife watching, and around-the-home participants are those who wildlife watch less than a mile of home.

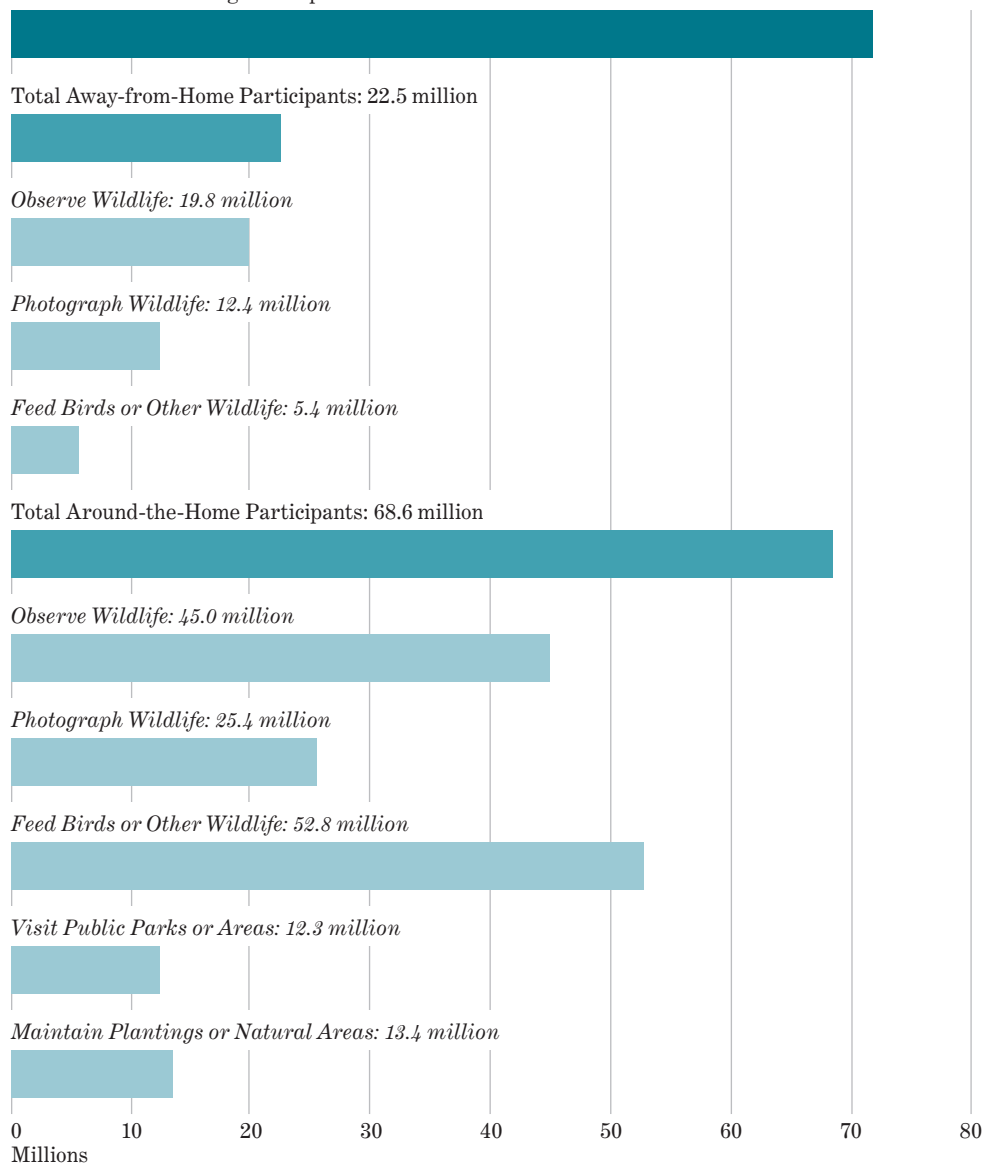
### Wildlife Watching Expenditures: 2011

Total: \$55.0 billion



### Total Wildlife Watchers and Type of Participants: 2011

Total Wildlife-Watching Participants: 71.8 million



Nearly all people who wildlife watched did so around the home. For the 68.6 million around-the-home participants, feeding wildlife was the most popular activity. Over 52.8 million individuals, 74% of all wildlife watchers, fed wildlife around their home. Over 45.0 million people (63%) observed wildlife and 25.4 million (35%) photographed wildlife around their home. Over 12.3 million (17%) visited parks or natural areas to view wildlife and 13.4 million (19%) maintained plantings or natural areas for the benefit of wildlife within a mile of their home.

About a third of all wildlife watchers took trips a mile or more from home to observe, photograph, or feed wildlife. Observing wildlife was the most popular activity, with 19.8 million participants, 88% of all away-from-home wildlife watchers. Almost 12.4 million people (55%) photographed fish and wildlife away from home; 5.4 million (24%) enjoyed feeding wildlife while on trips.

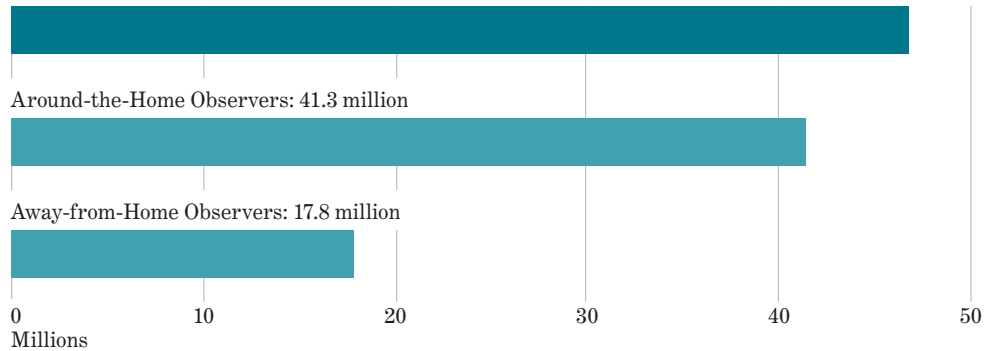
Comparing the 2011 Survey with the two previous surveys shows no significant change from 2006 to 2011 and a 9% increase from 2001 to 2011 in overall wildlife-watching participation. From 2006 to 2011 there was no change in the number of participants for either

around-the-home or away-from-home wildlife watching. From 2001 to 2011 the number of around-the-home participants increased by 9% while there was no significant change in the number of away-from-home participants.

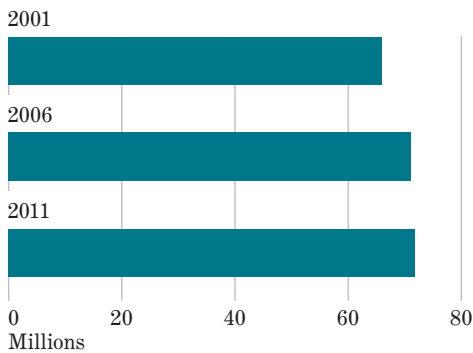
Overall expenditures pursuant to wildlife watching increased 7% from 2006 to 2011 and 13% from 2001 to 2011. The amount of trip-related expenditures from 2006 to 2011 increased 20% and 67% from 2001 to 2011. From 2006 to 2011 spending for wildlife-watching and special equipment did not change significantly.

### Bird Observers: 2011

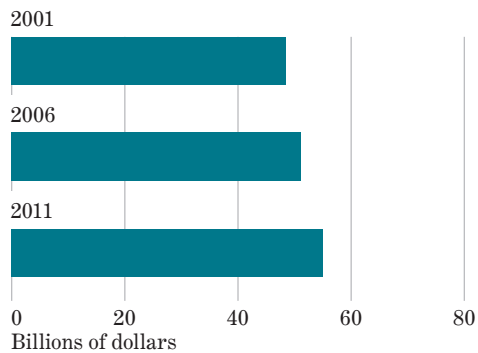
Total Bird Observers: 46.7 million



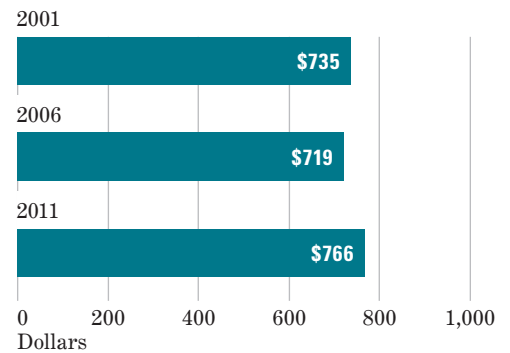
### Wildlife Watchers: 2001–2011



### Wildlife Watcher Expenditures: 2001–2011



### Average Wildlife Watcher Expenditures: 2001–2011



# Summary

With more than 90.1 million Americans 16 years of age and older participating in 2011, wildlife-related recreation is clearly an important leisure activity in the U.S. An average of nearly four out of ten people you meet will participate in some type of wildlife recreation. By comparison, there were 36 million recreational runners in 2009.

Wildlife recreation is not only an important leisure activity but it is also a catalyst for economic growth. Hunters, anglers and wildlife watchers spent \$145.0 billion on wildlife-related recreation in 2011. This spending contributed to local economies throughout the country, which added to employment, raised economic output, and generated tax revenue.

The next report of preliminary findings will contain State data and will be available in August of 2012. This and future Survey reports will also be available on our web page at <http://wsfrprograms.fws.gov/home.html>.



USFWS

# List of Tables

1. Anglers and Hunters 16 Years Old and Older, Days of Participation and Trips, by Type of Fishing and Hunting in the U.S.: 2011
2. Summary of Expenditures in the U.S. for Fishing and Hunting: 2011
3. Expenditures in the U.S. for Fishing: 2011
4. Expenditures in the U.S. for Hunting: 2011
5. Wildlife-Watching Participants 16 Years Old and Older, by Primary Activity: 2011
6. Primary Nonresidential Participants by Wildlife Observed, Photographed, or Fed and Place in the U.S.: 2011
7. Wild Bird Observers and Days of Observation: 2011
8. Expenditures in the U.S. for Wildlife-Watching Participation: 2011
9. Comparison of Wildlife-Related Recreation Participation: 2006 and 2011
10. Comparison of Wildlife-Related Recreation Participation: 2001 and 2011
11. Comparison of Wildlife-Related Recreation Expenditures: 2006 and 2011
12. Comparison of Wildlife-Related Recreation Expenditures: 2001 and 2011



USFWS

**Table 1. Anglers and Hunters 16 Years Old and Older, Days of Participation, and Trips by Type of Fishing and Hunting: 2011**

| <i>Type of fishing and hunting</i> | <i>Participants</i> |                | <i>Days of participation</i> |                | <i>Trips</i>   |                |
|------------------------------------|---------------------|----------------|------------------------------|----------------|----------------|----------------|
|                                    | <i>Number</i>       | <i>Percent</i> | <i>Number</i>                | <i>Percent</i> | <i>Number</i>  | <i>Percent</i> |
| <b>Total Sportspersons</b>         | <b>37,397</b>       | <b>100</b>     | <b>835,725</b>               | <b>100</b>     | <b>711,645</b> | <b>100</b>     |
| <b>Fishing</b>                     |                     |                |                              |                |                |                |
| <b>Total, all fishing</b>          | <b>33,112</b>       | <b>100</b>     | <b>553,841</b>               | <b>100</b>     | <b>455,005</b> | <b>100</b>     |
| Total, all freshwater              | 27,547              | 83             | 455,862                      | 82             | 368,805        | 81             |
| Freshwater, except Great Lakes     | 27,060              | 82             | 443,223                      | 80             | 353,620        | 78             |
| Great Lakes                        | 1,665               | 5              | 19,661                       | 4              | 15,185         | 3              |
| Saltwater                          | 8,889               | 27             | 99,474                       | 18             | 86,200         | 19             |
| <b>Hunting</b>                     |                     |                |                              |                |                |                |
| <b>Total, all hunting</b>          | <b>13,674</b>       | <b>100</b>     | <b>281,884</b>               | <b>100</b>     | <b>256,640</b> | <b>100</b>     |
| Big game                           | 11,570              | 85             | 212,116                      | 75             | 167,320        | 65             |
| Small game                         | 4,506               | 33             | 50,884                       | 18             | 43,135         | 17             |
| Migratory bird                     | 2,583               | 19             | 23,263                       | 8              | 21,315         | 8              |
| Other animals                      | 2,168               | 16             | 34,434                       | 12             | 24,869         | 10             |

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

**Table 2. Summary of Expenditures for Fishing and Hunting: 2011**

(Population 16 years old and older.)

| <i>Expenditure Item</i>             | <i>Expenditures</i>                          |   | <i>Spenders</i>               |                                     |  |
|-------------------------------------|--|---|-------------------------------|-------------------------------------|--|
|                                     | <i>Amount<br/>(thousands<br/>of dollars)</i> | <i>Average per<br/>sportsperson<br/>(dollars)<sup>1</sup></i> | <i>Number<br/>(thousands)</i> | <i>Percent of<br/>sportspersons</i> | <i>Average per<br/>spender (dollars)<sup>1</sup></i> |
| <b>Total, all items</b>             | <b>90,002,368</b>                            | <b>2,407</b>  | <b>35,990</b>                 | <b>96</b>                           | <b>2,501</b>   |
| <b>Trip-Related Expenditures</b>    |  |   |                               |                                     |  |
| <b>Total trip-related</b>           | <b>32,210,653</b>                            | <b>861</b>  | <b>33,507</b>                 | <b>90</b>                           | <b>961</b>   |
| Food and lodging, total             | 11,592,622                                   | 310   | 29,048                        | 78                                  | 399  |
| Food                                | 8,653,068                                    | 231   | 28,773                        | 77                                  | 301  |
| Lodging                             | 2,939,554                                    | 79  | 7,422                         | 20                                  | 396  |
| Transportation, total               | 11,029,451                                   | 295   | 29,691                        | 79                                  | 371  |
| Public                              | 1,107,975                                    | 30  | 2,760                         | 7                                   | 401  |
| Private                             | 9,921,476                                    | 265   | 28,843                        | 77                                  | 344  |
| Other trip costs <sup>2</sup>       | 9,588,580                                    | 256   | 26,804                        | 72                                  | 358  |
| <b>Equipment Expenditures</b>       |  |   |                               |                                     |  |
| Fishing equipment                   | 6,179,132                                    | 165   | 21,920                        | 59                                  | 282  |
| Hunting equipment                   | 8,182,297                                    | 219   | 11,585                        | 31                                  | 706  |
| Auxiliary equipment <sup>3</sup>    | 3,736,648                                    | 100   | 11,198                        | 30                                  | 334  |
| Special equipment <sup>4</sup>      | 25,129,326                                   | 672   | 3,990                         | 11                                  | 6,298  |
| <b>Other Expenditures</b>           |  |   |                               |                                     |  |
| Magazines, books, DVDs              | 319,781                                      | 9   | 6,053                         | 16                                  | 53   |
| Membership dues and contributions   | 1,122,787                                    | 30  | 5,394                         | 14                                  | 208  |
| Land leasing and ownership          | 10,832,158                                   | 290   | 2,935                         | 8                                   | 3,691  |
| Licenses, stamps, tags, and permits | 1,586,985                                    | 42  | 24,099                        | 64                                  | 66   |
| Plantings (for hunting)             | 702,601                                      | 19  | 1,273                         | 3                                   | 552  |

<sup>1</sup> Average expenditures are annual estimates.<sup>2</sup> Other trip costs include guide fees, pack trip or package fees, public and private land use fees, equipment rental, boating costs (which include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel), bait, ice, and heating and cooking fuel.<sup>3</sup> Auxiliary equipment includes camping equipment, binoculars, special fishing and hunting clothing, processing and taxidermy costs, foul weather gear; boots, waders, field glasses, telescopes, and electronic equipment such as a GPS device.<sup>4</sup> Special equipment includes boats, campers, cabins, trail bikes, dune buggies, 4 x 4 vehicles, ATVs, 4-wheelers, snowmobiles, pickups, vans, travel and tent trailers, motor homes, house trailers, recreational vehicles (RVs) and other special equipment.

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

**Table 3. Expenditures for Fishing: 2011**

(Population 16 years old and older.)

| <i>Expenditure Item</i>  | <i>Expenditures</i>                          |   | <i>Spenders</i>               |                               |  |
|--|--|---|-------------------------------|-------------------------------|--|
|  | <i>Amount<br/>(thousands<br/>of dollars)</i> | <i>Average<br/>per angler<br/>(dollars)<sup>1</sup></i> | <i>Number<br/>(thousands)</i> | <i>Percent of<br/>anglers</i> | <i>Average<br/>per spender<br/>(dollars)<sup>1</sup></i> |
| <b>Total, all items</b>  | <b>41,769,129</b>                            | <b>1,261</b>  | <b>30,289</b>                 | <b>91</b>                     | <b>1,379</b>   |
| <b>Trip-Related Expenditures</b>   |  |   |                               |                               |  |
| <b>Total trip-related</b>  | <b>21,789,465</b>                            | <b>658</b>  | <b>29,309</b>                 | <b>89</b>                     | <b>743</b>   |
| Food and lodging, total  | 7,711,318                                    | 233   | 25,158                        | 76                            | 307  |
| Food   | 5,435,208                                    | 164   | 24,891                        | 75                            | 218  |
| Lodging  | 2,276,110                                    | 69  | 5,983                         | 18                            | 380  |
| Transportation, total  | 6,261,536                                    | 189   | 25,293                        | 76                            | 248  |
| Public   | 803,771                                      | 24  | 2,222                         | 7                             | 362  |
| Private  | 5,457,766                                    | 165   | 24,504                        | 74                            | 223  |
| Other trip costs, total  | 7,816,610                                    | 236   | 25,143                        | 76                            | 311  |
| Guide fees, pack trip or package fees  | 1,102,375                                    | 33  | 2,946                         | 9                             | 374  |
| Public land use fees   | 237,887                                      | 7   | 4,190                         | 13                            | 57   |
| Private land use fees  | 243,705                                      | 7   | 1,744                         | 5                             | 140  |
| Equipment rental   | 245,547                                      | 7   | 1,872                         | 6                             | 131  |
| Boating costs <sup>2</sup>   | 3,815,819                                    | 115   | 7,929                         | 24                            | 481  |
| Bait   | 1,497,445                                    | 45  | 19,717                        | 60                            | 76   |
| Ice  | 509,494                                      | 15  | 13,400                        | 40                            | 38   |
| Heating and cooking fuel   | 164,337                                      | 5   | 3,810                         | 12                            | 43   |
| <b>Equipment Expenditures</b>  |  |   |                               |                               |  |
| <b>Fishing equipment, total</b>  | <b>6,141,895</b>                             | <b>185</b>  | <b>21,527</b>                 | <b>65</b>                     | <b>285</b>   |
| Rods, reels, poles, and rodmaking components                                       | 2,366,774                                    | 71  | 10,651                        | 32                            | 222  |
| Lines and leaders  | 593,398                                      | 18  | 13,756                        | 42                            | 43   |
| Artificial lures, flies, baits, and dressing for flies or lines                    | 1,169,092                                    | 35  | 15,560                        | 47                            | 75   |
| Hooks, sinkers, swivels, and other items attached to a line except lures and baits | 628,600                                      | 19  | 16,496                        | 50                            | 38   |
| Tackle boxes   | 141,789                                      | 4   | 4,271                         | 13                            | 33   |
| Creels, stringers, fish bags, landing nets, and gaff hooks                         | 131,515                                      | 4   | 3,655                         | 11                            | 36   |
| Minnow traps, seines, and bait containers  | 81,008                                       | 2   | 3,172                         | 10                            | 26   |
| Depth finders, fish finders, and other electronic fishing devices                  | 469,849                                      | 14  | 938                           | 3                             | 501  |
| Ice fishing equipment  | 241,328                                      | 7   | 637                           | 2                             | 379  |
| Other fishing equipment  | 318,542                                      | 10  | 4,228                         | 13                            | 75   |
| <b>Auxiliary equipment, total</b>  | <b>1,106,865</b>                             | <b>33</b>   | <b>4,420</b>                  | <b>13</b>                     | <b>250</b>   |
| Camping equipment  | 385,633                                      | 12  | 1,976                         | 6                             | 195  |
| Binoculars, field glasses, telescopes, etc.  | 85,522                                       | 3   | 410                           | 1                             | 208  |
| Special fishing clothing, rubber boots, waders, and foul weather gear              | 318,382                                      | 10  | 2,472                         | 7                             | 129  |
| Processing and taxidermy costs   | 82,766                                       | 2   | 188                           | 1                             | 440  |
| Other  | 234,562                                      | 7   | 720                           | 2                             | 326  |
| <b>Special equipment<sup>3</sup></b>   | <b>8,257,673</b>                             | <b>249</b>  | <b>2,296</b>                  | <b>7</b>                      | <b>3,596</b>   |
| <b>Other Expenditures</b>  |  |   |                               |                               |  |
| Magazines, books, DVDs   | 108,308                                      | 3   | 2,483                         | 8                             | 44   |
| Membership dues and contributions  | 321,990                                      | 10  | 1,728                         | 5                             | 186  |
| Land leasing and ownership   | 3,442,243                                    | 104   | 924                           | 3                             | 3,724  |
| Licenses, stamps, tags, and permits, total   | 600,690                                      | 18  | 17,166                        | 52                            | 35   |
| Licenses   | 551,824                                      | 17  | 16,233                        | 49                            | 34   |
| Stamps, tags, and permits  | 48,867                                       | 1   | 3,726                         | 11                            | 13   |

<sup>1</sup> Average expenditures are annual estimates.<sup>2</sup> Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel.<sup>3</sup> Special equipment includes boats, campers, cabins, trail bikes, dune buggies, 4 x 4 vehicles, ATVs, 4-wheelers, snowmobiles, pickups, vans, travel and tent trailers, motor homes, house trailers, recreational vehicles (RVs) and other special equipment.

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

**Table 4. Expenditures for Hunting: 2011**

(Population 16 years old and older.)

| <i>Expenditure Item</i>   | <i>Expenditures</i>                          |   | <i>Spenders</i>               |                               |  |
|---|--|---|-------------------------------|-------------------------------|--|
|   | <i>Amount<br/>(thousands<br/>of dollars)</i> | <i>Average<br/>per hunter<br/>(dollars)<sup>1</sup></i> | <i>Number<br/>(thousands)</i> | <i>Percent of<br/>hunters</i> | <i>Average<br/>per spender<br/>(dollars)<sup>1</sup></i> |
| <b>Total, all items</b>   | <b>33,962,667</b>                            | <b>2,484</b>  | <b>13,364</b>                 | <b>98</b>                     | <b>2,541</b>   |
| <b>Trip-Related Expenditures</b>                                      |  |   |                               |                               |  |
| <b>Total trip-related</b>   | <b>10,421,189</b>                            | <b>762</b>  | <b>11,914</b>                 | <b>87</b>                     | <b>875</b>   |
| Food and lodging, total   | 3,881,304                                    | 284   | 10,289                        | 75                            | 377  |
| Food  | 3,217,859                                    | 235   | 10,253                        | 75                            | 314  |
| Lodging   | 663,444                                      | 49  | 1,881                         | 14                            | 353  |
| Transportation, total   | 4,767,915                                    | 349   | 10,990                        | 80                            | 434  |
| Public  | 304,204                                      | 22  | 648                           | 5                             | 469  |
| Private   | 4,463,711                                    | 326   | 10,885                        | 80                            | 410  |
| Other trip costs, total   | 1,771,970                                    | 130   | 4,581                         | 34                            | 387  |
| Guide fees, pack trip or package fees                                 | 493,913                                      | 36  | 1,024                         | 7                             | 482  |
| Public land use fees  | 40,447                                       | 3   | 709                           | 5                             | 57   |
| Private land use fees   | 755,087                                      | 55  | 1,193                         | 9                             | 633  |
| Equipment rental  | 62,747                                       | 5   | 490                           | 4                             | 128  |
| Boating costs <sup>2</sup>  | 213,817                                      | 16  | 519                           | 4                             | 412  |
| Heating and cooking fuel  | 205,959                                      | 15  | 2,817                         | 21                            | 73   |
| <b>Equipment Expenditures</b>   |  |   |                               |                               |  |
| <b>Hunting equipment, total</b>                                       | <b>7,738,324</b>                             | <b>566</b>  | <b>10,400</b>                 | <b>76</b>                     | <b>744</b>   |
| Firearms  | 3,050,322                                    | 223   | 3,007                         | 22                            | 1,015  |
| Rifles  | 1,429,097                                    | 105   | 1,695                         | 12                            | 843  |
| Shotguns  | 914,619                                      | 67  | 1,213                         | 9                             | 754  |
| Muzzleloaders, primitive firearms                                     | 122,035                                      | 9   | 370                           | 3                             | 330  |
| Pistols, handguns   | 584,570                                      | 43  | 901                           | 7                             | 649  |
| Bows, arrows, archery equipment                                       | 934,847                                      | 68  | 2,829                         | 21                            | 331  |
| Telescopic sights   | 530,655                                      | 39  | 1,748                         | 13                            | 304  |
| Decoys and game calls   | 301,995                                      | 22  | 2,738                         | 20                            | 110  |
| Ammunition  | 1,298,456                                    | 95  | 8,828                         | 65                            | 147  |
| Hand loading equipment  | 199,019                                      | 15  | 1,262                         | 9                             | 158  |
| Hunting dogs and associated costs                                     | 951,110                                      | 70  | 1,007                         | 7                             | 945  |
| Other   | 471,920                                      | 35  | 3,125                         | 23                            | 151  |
| <b>Auxiliary equipment, total</b>                                     | <b>1,844,880</b>                             | <b>135</b>  | <b>5,101</b>                  | <b>37</b>                     | <b>362</b>   |
| Camping equipment   | 159,853                                      | 12  | 570                           | 4                             | 280  |
| Binoculars, field glasses, telescopes, etc.                           | 287,186                                      | 21  | 1,210                         | 9                             | 237  |
| Special hunting clothing, rubber boots, waders, and foul weather gear | 570,308                                      | 42  | 3,082                         | 23                            | 185  |
| Processing and taxidermy costs  | 672,759                                      | 49  | 2,055                         | 15                            | 327  |
| Other   | 154,774                                      | 11  | 619                           | 5                             | 250  |
| <b>Special equipment<sup>3</sup></b>                                  | <b>4,389,286</b>                             | <b>321</b>  | <b>613</b>                    | <b>4</b>                      | <b>7,159</b>   |
| <b>Other Expenditures</b>   |  |   |                               |                               |  |
| Magazines, books, DVDs  | 107,272                                      | 8   | 1,934                         | 14                            | 55   |
| Membership dues and contributions                                     | 382,817                                      | 28  | 1,885                         | 14                            | 203  |
| Land leasing and ownership  | 7,389,915                                    | 540   | 2,279                         | 17                            | 3,242  |
| Licenses, stamps, tags, and permits, total                            | 986,385                                      | 72  | 10,214                        | 75                            | 97   |
| Licenses  | 786,227                                      | 57  | 9,746                         | 71                            | 81   |
| Federal duck stamps   | 33,094                                       | 2   | 2,206                         | 16                            | 15   |
| Stamps, tags, and permits   | 167,064                                      | 12  | 3,554                         | 26                            | 47   |
| Plantings   | 702,601                                      | 51  | 1,273                         | 9                             | 552  |

<sup>1</sup> Average expenditures are annual estimates.<sup>2</sup> Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel.<sup>3</sup> Special equipment includes boats, campers, cabins, trail bikes, dune buggies, 4 x 4 vehicles, ATVs, 4-wheelers, snowmobiles, pickups, vans, travel and tent trailers, motor homes, house trailers, recreational vehicles (RVs) and other special equipment.

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



**Table 5. Wildlife-Watching Participants by Type of Activity: 2011**

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

| <i>Activity</i>                           | <i>Number</i> | <i>Percent</i> |
|---|---------------|----------------|
| <b>Total participants</b>                 | <b>71,776</b> | <b>100</b>     |
| Away from home                            | 22,496        | 31             |
| Observe wildlife                          | 19,808        | 28             |
| Photograph wildlife                       | 12,354        | 17             |
| Feed wildlife                             | 5,399         | 8              |
| Around the home                           | 68,598        | 96             |
| Observe wildlife                          | 45,046        | 63             |
| Photograph wildlife                       | 25,370        | 35             |
| Feed wildlife                             | 52,817        | 74             |
| Visit parks or natural areas <sup>1</sup> | 12,311        | 17             |
| Maintain plantings or natural areas       | 13,399        | 19             |

<sup>1</sup> Includes visits only to parks or natural areas within one mile of home.

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

**Table 6. Away-From-Home Wildlife Watchers by Wildlife Observed, Photographed, or Fed and Place in the U.S.: 2011**

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

| <i>Wildlife observed, photographed, or fed</i>       | <i>Total participants</i> |                | <i>Participation by place</i> |                |                              |                |                        |                |
|--|---------------------------|----------------|-------------------------------|----------------|------------------------------|----------------|------------------------|----------------|
|  |                           |                | <i>Total</i>                  |                | <i>In state of residence</i> |                | <i>In other states</i> |                |
|  | <i>Number</i>             | <i>Percent</i> | <i>Number</i>                 | <i>Percent</i> | <i>Number</i>                | <i>Percent</i> | <i>Number</i>          | <i>Percent</i> |
| <b>Total, all wildlife</b>                           | <b>22,496</b>             | <b>100</b>     | <b>22,496</b>                 | <b>100</b>     | <b>18,529</b>                | <b>82</b>      | <b>6,769</b>           | <b>30</b>      |
| Total birds  | 18,924                    | 84             | 18,924                        | 100            | 16,037                       | 85             | 6,257                  | 33             |
| Songbirds (cardinals, robins, etc.)                  | 12,120                    | 54             | 12,120                        | 100            | 10,616                       | 88             | 3,356                  | 28             |
| Birds of prey (hawks, eagles, etc.)                  | 12,890                    | 57             | 12,890                        | 100            | 10,990                       | 85             | 3,917                  | 30             |
| Waterfowl (ducks, geese, etc.)                       | 13,333                    | 59             | 13,333                        | 100            | 11,081                       | 83             | 4,231                  | 32             |
| Other water birds (shorebirds, herons, cranes, etc.) | 10,606                    | 47             | 10,606                        | 100            | 8,509                        | 80             | 3,483                  | 33             |
| Other birds (pheasants, turkeys, road runners, etc.) | 6,857                     | 30             | 6,857                         | 100            | 5,770                        | 84             | 1,790                  | 26             |
| Total land mammals                                   | 13,653                    | 61             | 13,653                        | 100            | 11,743                       | 86             | 4,180                  | 31             |
| Large land mammals (deer, bear, etc.)                | 10,369                    | 46             | 10,369                        | 100            | 8,702                        | 84             | 3,045                  | 29             |
| Small land mammals (squirrel, prairie dog, etc.)     | 10,299                    | 46             | 10,299                        | 100            | 8,758                        | 85             | 3,299                  | 32             |
| Fish (salmon, shark, etc.)                           | 6,358                     | 28             | 6,358                         | 100            | 4,964                        | 78             | 2,075                  | 33             |
| Marine mammals (whales, dolphins, etc.)              | 4,008                     | 18             | 4,008                         | 100            | 2,325                        | 58             | 1,864                  | 47             |
| Other wildlife (turtles, butterflies, etc.)          | 10,113                    | 45             | 10,113                        | 100            | 8,602                        | 85             | 2,865                  | 28             |

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

**Table 7. Wild Bird Observers and Days of Observation: 2011**

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

| <i>Observers and days of observation</i> | <i>Number</i>    | <i>Percent</i> |
|--|------------------|----------------|
| <b>Observers</b>                         |                  |                |
| <b>Total bird observers</b>              | <b>46,741</b>    | <b>100</b>     |
| Around-the-home observers                | 41,346           | 88             |
| Away-from-home observers                 | 17,818           | 38             |
| <b>Days</b>                              |                  |                |
| <b>Total days observing birds</b>        | <b>5,161,909</b> | <b>100</b>     |
| Around the home                          | 4,923,873        | 95             |
| Away from home                           | 238,036          | 5              |

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

**Table 8. Expenditures for Wildlife Watching: 2011**

(Population 16 years old and older.)

| <i>Expenditure Item</i>   | <i>Expenditures<br/>(thousands<br/>of dollars)</i> | <i>Spenders</i>               |  |  |
|---|--|-------------------------------|--|--|
|   |  | <i>Number<br/>(thousands)</i> | <i>Percent of<br/>wildlife-watching<br/>participants<sup>1</sup></i> | <i>Average<br/>per spender<br/>(dollars)<sup>2</sup></i> |
| <b>Total, all items<sup>3</sup></b>   | <b>54,961,547</b>                                  | <b>55,980</b>                 | <b>78</b>  | <b>982</b>   |
| <b>Trip-Related Expenditures</b>  |  |                               |  |  |
| <b>Total trip-related</b>   | <b>17,274,675</b>                                  | <b>19,905</b>                 | <b>88</b>  | <b>868</b>   |
| Food and lodging, total   | 9,349,439  | 17,017                        | 76   | 549  |
| Food  | 5,465,019  | 16,740                        | 74   | 326  |
| Lodging   | 3,884,420  | 6,851                         | 30   | 567  |
| Transportation, total   | 6,006,860  | 18,647                        | 83   | 322  |
| Public  | 2,521,247  | 3,029                         | 13   | 832  |
| Private   | 3,485,613  | 17,768                        | 79   | 196  |
| Other trip costs, total   | 1,918,376  | 9,359                         | 42   | 205  |
| Guide fees, pack trip or package fees   | 775,074  | 2,037                         | 9  | 380  |
| Public land use fees  | 239,021  | 6,212                         | 28   | 38   |
| Private land use fees   | 113,207  | 1,093                         | 5  | 104  |
| Equipment rental  | 141,017  | 1,485                         | 7  | 95   |
| Boating costs <sup>4</sup>  | 547,875  | 1,366                         | 6  | 401  |
| Heating and cooking fuel  | 102,182  | 2,302                         | 10   | 44   |
| <b>Equipment and Other Expenses</b>   |  |                               |  |  |
| <b>Total</b>  | <b>37,686,872</b>                                  | <b>52,584</b>                 | <b>73</b>  | <b>717</b>   |
| Wildlife-watching equipment, total  | 11,323,179   | 47,951                        | 67   | 236  |
| Binoculars, spotting scopes   | 918,567  | 5,057                         | 7  | 182  |
| Cameras, video cameras, special lenses, and other photographic equipment                          | 2,799,579  | 8,307                         | 12   | 337  |
| Film and photo processing   | 528,057  | 5,742                         | 8  | 92   |
| Bird food, total  | 4,068,161  | 36,956                        | 51   | 110  |
| Commercially prepared and packaged wild bird food   | 3,133,968  | 34,263                        | 48   | 91   |
| Other bulk foods used to feed wild birds  | 934,194  | 13,271                        | 18   | 70   |
| Feed for other wildlife   | 1,012,964  | 9,987                         | 14   | 101  |
| Nest boxes, bird houses, feeders, baths   | 969,708  | 19,181                        | 27   | 51   |
| Day packs, carrying cases, and special clothing   | 855,196  | 6,483                         | 9  | 132  |
| Other wildlife-watching equipment (such as field guides and maps)                                 | 170,946  | 4,847                         | 7  | 35   |
| Auxiliary equipment, total  | 1,555,374  | 6,445                         | 9  | 241  |
| Tents, tarps  | 289,781  | 2,964                         | 4  | 98   |
| Frame packs and backpacking equipment   | 216,231  | 1,976                         | 3  | 109  |
| Other camping equipment   | 294,173  | 2,472                         | 3  | 119  |
| Other auxiliary equipment (such as blinds and GPS devices)  | 755,188  | 2,008                         | 3  | 376  |
| Special equipment, total  | 14,343,643   | 2,219                         | 3  | 6,465  |
| Off-the-road vehicle  | 6,475,469  | 486                           | 1  | 13,326   |
| Travel or tent trailer, pickup, camper, van, motor home, house trailer, recreational vehicle (RV) | 5,868,982  | 518                           | 1  | 11,331   |
| Boats, boat accessories   | 1,703,305  | 1,175                         | 2  | 1,449  |
| Cabins  | ...  | ...                           | ...  | ...  |
| Other   | 289,263  | 246                           | (Z)  | 1,175  |
| Magazines, books, DVDs  | 420,395  | 8,480                         | 12   | 50   |
| Land leasing and ownership  | 5,676,794  | 1,233                         | 2  | 4,603  |
| Membership dues and contributions   | 2,163,568  | 10,756                        | 15   | 201  |
| Plantings   | 2,203,920  | 8,818                         | 12   | 250  |

... Sample size too small (less than 10) to report data reliably. (Z) Less than 0.5 percent.

<sup>1</sup> Percent of wildlife-watching participants column is based on away-from-home participants for trip-related expenditures. For equipment and other expenditures the percent of wildlife-watching participants is based on total participants.

<sup>2</sup> Average expenditures are annual estimates.

<sup>3</sup> Information on trip-related expenditures was collected for away-from-home participants only. Equipment and other expenditures are based on information collected from both away-from-home and around-the-home participants.

<sup>4</sup> Boating costs include launching, mooring, storage, maintenance, insurance, pumpout fees, and fuel.

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

**Table 9. Comparison of Wildlife-Related Recreation Participation: 2006 and 2011**

(U.S. population 16 years old and older. Number in thousands.)

| Type of Participation                        | 2006          |            | 2011          |            | 2006–2011<br>% Change* |
|--|---------------|------------|---------------|------------|------------------------|
|  | Number        | Percent    | Number        | Percent    |                        |
| <b>Total Sportspersons</b>                   | <b>33,916</b> | <b>100</b> | <b>37,397</b> | <b>100</b> | <b>10%</b>             |
| <b>Anglers, Total</b>                        | <b>29,952</b> | <b>100</b> | <b>33,112</b> | <b>100</b> | <b>11%</b>             |
| All freshwater                               | 25,431        | 85         | 27,547        | 83         | 8%                     |
| Freshwater, except GL                        | 25,035        | 84         | 27,060        | 82         | 8%                     |
| Great Lakes                                  | 1,420         | 5          | 1,665         | 5          | 17%                    |
| Saltwater                                    | 7,717         | 26         | 8,889         | 27         | 15%                    |
| <b>Hunters, Total</b>                        | <b>12,510</b> | <b>100</b> | <b>13,674</b> | <b>100</b> | <b>9%</b>              |
| Big game                                     | 10,682        | 85         | 11,570        | 85         | 8%                     |
| Small game                                   | 4,797         | 38         | 4,506         | 33         | -6%                    |
| Migratory bird                               | 2,293         | 18         | 2,583         | 19         | 13%                    |
| Other animal                                 | 1,128         | 9          | 2,168         | 16         | 92%                    |
| <b>Wildlife-Watching Participants, Total</b> | <b>71,132</b> | <b>100</b> | <b>71,776</b> | <b>100</b> | <b>1%</b>              |
| Around-the-Home                              | 67,756        | 95         | 68,598        | 96         | 1%                     |
| Away-from-Home                               | 22,977        | 32         | 22,496        | 31         | -2%                    |

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

\*Not tested for significance level. Standard errors were not available at the time of printing.

**Table 10. Comparison of Wildlife-Related Recreation Participation: 2001 and 2011**

(U.S. population 16 years old and older. Number in thousands.)

| Type of Participation                        | 2001          |            | 2011          |            | 2001–2011<br>% Change* |
|--|---------------|------------|---------------|------------|------------------------|
|  | Number        | Percent    | Number        | Percent    |                        |
| <b>Total Sportspersons</b>                   | <b>37,805</b> | <b>100</b> | <b>37,397</b> | <b>100</b> | <b>-1%</b>             |
| <b>Anglers, Total</b>                        | <b>34,067</b> | <b>100</b> | <b>33,112</b> | <b>100</b> | <b>-3%</b>             |
| All freshwater                               | 28,439        | 83         | 27,547        | 83         | -3%                    |
| Freshwater, except GL                        | 27,913        | 82         | 27,060        | 82         | -3%                    |
| Great Lakes                                  | 1,847         | 5          | 1,665         | 5          | -10%                   |
| Saltwater                                    | 9,051         | 26         | 8,889         | 27         | -2%                    |
| <b>Hunters, Total</b>                        | <b>13,034</b> | <b>100</b> | <b>13,674</b> | <b>100</b> | <b>5%</b>              |
| Big game                                     | 10,911        | 84         | 11,570        | 85         | 6%                     |
| Small game                                   | 5,434         | 42         | 4,506         | 33         | -17%                   |
| Migratory bird                               | 2,956         | 23         | 2,583         | 19         | -13%                   |
| Other animal                                 | 1,047         | 8          | 2,168         | 16         | 107%                   |
| <b>Wildlife-Watching Participants, Total</b> | <b>66,105</b> | <b>100</b> | <b>71,776</b> | <b>100</b> | <b>9%</b>              |
| Around-the-Home                              | 62,928        | 95         | 68,598        | 96         | 9%                     |
| Away-from-Home                               | 21,823        | 33         | 22,496        | 31         | 3%                     |

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

\*Not tested for significance level. Standard errors were not available at the time of printing.

**Table 11. Comparison of Wildlife-Related Recreation Expenditures, 2006 and 2011**

(U.S. population 16 years old and older. Dollars in thousands.)

| Activity and Type of Expenditure | 2006              |            | 2011              |            | 2006–2011<br>% Change* |
|----------------------------------|-------------------|------------|-------------------|------------|------------------------|
|                                  | Dollars           | Percent    | Dollars           | Percent    |                        |
| <b>Total Sportsperson</b>        | <b>85,848,030</b> | <b>100</b> | <b>89,299,767</b> | <b>100</b> | <b>4%</b>              |
| <b>Fishing, Total</b>            | <b>47,052,459</b> | <b>100</b> | <b>41,769,129</b> | <b>100</b> | <b>-11%</b>            |
| Trip-Related                     | 20,023,987        | 41         | 21,789,465        | 52         | 9%                     |
| Equipment                        | 21,008,254        | 51         | 15,506,433        | 37         | -26%                   |
| Fishing equipment                | 5,972,289         | 14         | 6,141,895         | 15         | 3%                     |
| Auxiliary equipment              | 872,189           | 3          | 1,106,865         | 3          | 27%                    |
| Special equipment                | 14,163,776        | 34         | 8,257,673         | 20         | -42%                   |
| Other                            | 6,020,218         | 9          | 4,473,231         | 11         | -26%                   |
| <b>Hunting, Total</b>            | <b>25,640,335</b> | <b>100</b> | <b>33,260,066</b> | <b>100</b> | <b>30%</b>             |
| Trip-Related                     | 7,480,048         | 25         | 10,421,189        | 31         | 39%                    |
| Equipment                        | 12,019,281        | 55         | 13,972,490        | 42         | 16%                    |
| Hunting equipment                | 6,010,320         | 27         | 7,738,324         | 23         | 29%                    |
| Auxiliary equipment              | 1,489,842         | 6          | 1,844,880         | 6          | 24%                    |
| Special equipment                | 4,519,119         | 22         | 4,389,286         | 13         | -3%                    |
| Other                            | 6,141,006         | 20         | 8,866,389         | 27         | 44%                    |
| <b>Wildlife Watching, Total</b>  | <b>51,133,555</b> | <b>100</b> | <b>54,961,547</b> | <b>100</b> | <b>7%</b>              |
| Trip-Related                     | 14,420,170        | 32         | 17,274,675        | 31         | 20%                    |
| Equipment                        | 25,954,939        | 57         | 27,222,196        | 50         | 5%                     |
| Wildlife-Watching equipment      | 11,054,094        | 28         | 11,323,179        | 21         | 2%                     |
| Auxiliary equipment              | 1,157,027         | 3          | 1,555,374         | 3          | 34%                    |
| Special equipment                | 13,743,818        | 26         | 14,343,643        | 26         | 4%                     |
| Other                            | 10,758,446        | 11         | 10,464,677        | 19         | -3%                    |

Note: 2011's expenditures do not include plantings for hunting, since that item was not asked in 2006.

\*Not tested for significance level. Standard errors were not available at the time of printing.

Note: 2006 estimates in 2011 dollars.

**Table 12. Comparison of Wildlife-Related Recreation Expenditures: 2001 and 2011**

(U.S. population 16 years old and older. Dollars in thousands.)

| Activity and Type of Expenditure | 2001              |            | 2011              |            | 2001–2011<br>% Change* |
|----------------------------------|-------------------|------------|-------------------|------------|------------------------|
|                                  | Dollars           | Percent    | Dollars           | Percent    |                        |
| <b>Total Sportsperson</b>        | <b>89,212,543</b> | <b>100</b> | <b>89,299,767</b> | <b>100</b> | <b>0%</b>              |
| <b>Fishing, Total</b>            | <b>45,427,422</b> | <b>100</b> | <b>41,769,129</b> | <b>100</b> | <b>-8%</b>             |
| Trip-Related                     | 18,684,876        | 41         | 21,789,465        | 52         | 17%                    |
| Equipment                        | 21,626,728        | 48         | 15,506,433        | 37         | -28%                   |
| Fishing equipment                | 5,886,975         | 13         | 6,141,895         | 15         | 4%                     |
| Auxiliary equipment              | 919,262           | 2          | 1,106,865         | 3          | 20%                    |
| Special equipment                | 14,820,490        | 33         | 8,257,673         | 20         | -44%                   |
| Other                            | 5,115,817         | 11         | 4,473,231         | 11         | -13%                   |
| <b>Hunting, Total</b>            | <b>26,276,913</b> | <b>100</b> | <b>33,260,066</b> | <b>100</b> | <b>27%</b>             |
| Trip-Related                     | 6,696,252         | 25         | 10,421,189        | 31         | 56%                    |
| Equipment                        | 13,209,829        | 50         | 13,972,490        | 42         | 6%                     |
| Hunting equipment                | 5,815,705         | 22         | 7,738,324         | 23         | 33%                    |
| Auxiliary equipment              | 1,533,502         | 6          | 1,844,880         | 6          | 20%                    |
| Special equipment                | 5,860,623         | 22         | 4,389,286         | 13         | -25%                   |
| Other                            | 6,370,831         | 24         | 8,866,389         | 27         | 39%                    |
| <b>Wildlife Watching, Total</b>  | <b>48,974,477</b> | <b>100</b> | <b>54,961,547</b> | <b>100</b> | <b>12%</b>             |
| Trip-Related                     | 10,406,261        | 21         | 17,274,675        | 31         | 66%                    |
| Equipment                        | 30,010,533        | 61         | 27,222,196        | 50         | -9%                    |
| Wildlife-Watching equipment      | 9,375,556         | 19         | 11,323,179        | 21         | 21%                    |
| Auxiliary equipment              | 913,973           | 2          | 1,555,374         | 3          | 70%                    |
| Special equipment                | 19,721,004        | 40         | 14,343,643        | 26         | -27%                   |
| Other                            | 8,557,685         | 17         | 10,464,677        | 19         | 22%                    |

Note: 2011's expenditures do not include plantings for hunting, since that item was not asked in 2001.

\*Not tested for significance level. Standard errors were not available at the time of printing.

Note: 2001 estimates in 2011 dollars.





U.S. Department of the Interior  
U.S. Fish & Wildlife Service

