



**Request for Proposals
for Coordination Component for the 2027 National Survey of Fishing, Hunting,
and Wildlife-Associated Recreation**

July 1, 2024

INTRODUCTION

Summary

The Association of Fish and Wildlife Agencies (Association) is soliciting a proposal from the U.S. Fish and Wildlife Service (USFWS) to serve as Project Coordinator for the 2027 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation.

Closing Date

The proposal must be received by the point of contact designated below no later than 5:00 pm on August 1, 2024. If for some reason the USFWS does not wish to submit a proposal, they should notify Silvana Yaroschuk at syaroschuk@fishwildlife.org by August 1, 2024, that they will not be submitting a proposal for project coordination of the 2027 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation.

Point of Contact

The designated contact for this request for proposals (RFP) is:

Ms. Silvana Yaroschuk
Association of Fish and Wildlife Agencies
1100 First Street, NE, Suite 825
Washington, DC 20002
Phone: (202) 838-3467
Email: syaroschuk@fishwildlife.org

Review of Proposal / Award of Contract

The Association's National Survey Technical Workgroup (Technical Workgroup) and a small group of outside technical experts will review proposals and make a recommendation to the Association's National Grants Committee based on the best value for state fish and wildlife agencies, combining technical and financial factors set forth in this RFP. The result of this proposal review process may be a Multistate Conservation Grant (MSCGP) to the USFWS to serve as Project Coordinator for the 2027 National Survey.

GENERAL PROPOSAL REQUIREMENTS

Term of the Project

The term of the proposed work will be from approximately January 1, 2025 through December 31, 2029 unless otherwise indicated at the time of contract award or in later negotiations.

USFWS Responsibilities

The USFWS shall be responsible for all products and services as required by this RFP and as identified in the Multistate Conservation Grant agreement.

Proposal Contents

The proposal should contain the following elements and should be formatted per Attachments A and B.

1. Executive Summary
2. Project Plan: Describe your proposed approach to fulfilling the “Scope of Work,” outlining your firm’s resources, timelines, and personnel roles.
3. Qualifications and Contractors: Include a description of staff, qualifications, and any proposed contractors.
4. Cost Proposals and Budget: Provide a total fixed cost to fulfill the “Scope of Work” and include a budget that outlines fees and expenses, including personnel and subcontractors; costs of necessary meetings; travel expenses; communications. Note that total cost proposal should be inclusive of all expenses, including travel, materials, and other miscellaneous expenses. The proposal should also include any additional sources of funding used to offset these expenses.
5. Organization Overview: Provide an overview of your organization and principal staff.

Proposal Submission

The USFWS shall submit a proposal by August 1, 2024 to the contact designated above. USFWS shall indicate “Proposal – National Survey Coordination 2027” in the subject line of the email (for electronic submissions) or on the outside of the envelope (for printed submissions). Email submissions are preferred for this proposal.

Incurred Expenses

Neither the Association nor the MSCGP shall be responsible for any expenses incurred by USFWS in preparing and submitting a proposal. The proposal should be prepared simply and economically, providing a straightforward, concise delineation of the USFWS’s ability to satisfy the requirements of this RFP.

Confidentiality

Confidential information includes all Association furnished documentation, information, and reports. Vendor will not voluntarily sell, transfer, publish, disclose, display, or otherwise make available to any third persons such confidential information without express written consent of the Association.

Amendment or Cancellation of the RFP

The Association reserves the right to amend this RFP or to cancel the project.

DETAILED PROPOSAL REQUIREMENTS

For the coordination component of the 2027 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (National Survey), a successful proposal shall include a detailed description of how the Project Coordinator would work closely with the selected survey contractor to ensure that the survey is completed on time, within-budget, and produces the deliverables noted in the “Products and Deliverables” section of this Request for Proposals (RFP).

The USFWS can review National Survey history and previous surveys and related documents at:

<https://www.fws.gov/program/national-survey-fishing-hunting-and-wildlife-associated-recreation-fhwar>

As directed by the Association’s President’s Task Force to Create a New Vision for the National Survey, the 2027 survey effort will be similar to the 2022 National Survey and depart from previous National Survey efforts in that the desired information will be at the national-level only (with the exception of coastal state-level information about participation of the public in freshwater and saltwater fishing) and only cover a limited number of variables previously estimated prior to 2022. These variables include totals for participation, days afield, trips, and expenditures for fishing, hunting, and wildlife watching. Several other participation estimates will be acquired for sport shooting, recreational archery, and recreational boating. Attachment C contains example tables of required estimates that will result from this 2027 National Survey effort. The survey contractor may use survey methodologies that are different from previous National Surveys or the 2016 50-State Surveys of Fishing, Hunting, and Wildlife-Associated Recreation.

The 2022 National Survey, conducted by NORC at the University of Chicago, used a mixed-mode approach with both a probability-based panel and an address-based non-probability sample. The 2022 effort included the use of incentives, cognitive testing to improve question wording, the removal and combining of some questions to reduce questionnaire length, and a pilot-test. The 2022 National Survey effort was designed to respond to the request of state directors through the Association to meet a cost limit, focus on high-level national data, enable individual states to purchase state-level information with additional questions, use a multi-mode methodology and other technology innovations to overcome non-response and sample size issues experienced in most current survey efforts, and to reduce the burden on participants.

This RFP is being used to solicit a coordination proposal for the 2027 National Survey.

Conducting the 2027 National Survey will require significant collaboration among several partners. This collaboration is essential for maintaining consistent communication among the partners and stakeholders to ensure a successful outcome and set of results from this survey. All parties involved in the survey will need to collaborate with the Association of Fish and Wildlife Agencies (Association) and its Technical Workgroup, each of which will remain involved in the oversight of this survey due to the specific needs of state agencies and will assist the applicant and the survey organization to meet those needs.

The proposal must outline how the applicant would consult with the Association's Technical Workgroup, the 50-state fish and wildlife agency National Survey technical representatives to the survey, other governmental agencies, and non-governmental organizations that rely on the survey data to ensure their needs are met.

The Association, through the Technical Workgroup, will negotiate final proposals for (1) coordination of 2027 National Survey and (2) conducting of the survey. The Association will then make a recommendation to the Director of the USFWS for funding these proposals. The Association will recommend proposals that provide optimal quality and amount of data compared to costs, and meets the criteria contained in this RFP and the survey component's RFP. Applicants must comply with the requirements of the Multistate Conservation Grant Program (MSCGP) and the appropriate federal regulations for Cost Principles and Administrative Requirements. For questions regarding submissions, please contact Silvana Yaroschuk, the Multistate Conservation Grant Coordinator for the Association of Fish and Wildlife Agencies at syaroschuk@fishwildlife.org.

Project Coordinator Responsibilities

The Project Coordinator will be required to complete an Office of Management and Budget (OMB) survey approval process for the 2027 National Survey by obtaining relevant information from the survey contractor. The Project Coordinator will also ensure that the survey instrument(s) will provide the required information for the specified results and assist the Technical Workgroup with ensuring there is minimal bias in these results through sufficient review and oversight of the selected contractor's methodology. The Project Coordinator will also review and make recommendations regarding the data collection process and analytical and reporting procedures. The data collected will be examined for accuracy by both the Project Coordinator and the Technical Workgroup. The Project Coordinator will be involved in the reporting of survey results to the extent mutually agreed upon with the survey contractor; however, all news releases concerning the conduct of the survey and its results must be reviewed and approved by the Association prior to release. The Project Coordinator will review, make recommendations and approve sample design and sample selection. The Project Coordinator (facilitated by the Association) will obtain estimates of calendar year 2026 (or the most recent full calendar year prior to survey initiation) permitted hunters by county from all the states to enable a more efficient sample to be drawn by the survey contractors, if the contractor desires such information. Before survey results are finalized, the Project Coordinator will be responsible for allowing each state and the Technical Workgroup to review reports and publications to search for possible errors in the data and results. The Project Coordinator will summarize the data and write appropriate summaries that can be used by state directors and news releases through USFWS and AFWA members. All news releases will require review and approval by the Association before they are released. The Project Coordinator will provide information for, approve, assemble and distribute other survey products (see the "Products and Deliverables" section of this RFP.) The Project Coordinator will also provide ongoing technical support for survey users, which is anticipated to be required through 2024.

A separate Request for Proposal outlines the requirements for a survey contractor. That request includes requirements for a sampling design to begin a trend with the 2022 National Survey approach that used a probabilistic panel and address-based non-probability sampling. The survey proposal asks for proposals that describe the approach and document how the design is

comparable with the 2022 National Survey methodology. An additional request in the survey proposal asks for an optional cost to have more frequent estimates available for participation for fishing, hunting, and wildlife-watching. If efficiencies with a panel approach and non-probability combined samples are possible, participation estimates at 2-year or 1-year frequencies could be useful and desirable to monitor trends in participation, even if an increased standard of error and coefficient of variation is needed to control costs for the additional estimates in between 5-year National Survey efforts. This is an additional cost element of the survey request for proposals, to be evaluated in the selection process for both method and additional cost.

The separate survey proposal asks for similar questions that were included in the 2022 National Survey. Question updates are possible through cognitive testing and the process for testing and refining questions will be outlined in the survey proposal. The separate survey proposal note that a detailed history of questions and question changes is highlighted in the 2022 National Survey Report in Appendix C, available at:

https://www.fws.gov/sites/default/files/documents/Final_2022-National-Survey_101223-accessible-single-page.pdf

In the separate survey proposal, a requirement is that the survey contractor add or work with the Project Coordinator and the Technical Workgroup to identify a limited number of additional questions that are desired to provide estimates for recreational archery and target shooting from all participants. Some questions for this topic were added in the 2016 survey in the screening questionnaire of the general population. Target shooting questions were retained in the 2022 National Survey. The Project Coordinator and Technical Workgroup will work with industry and organization partners to refine the question topics for recreational archery and target shooting and work with the contractor to include these additional questions in the 2027 National Survey. For example, in the 2022 National Survey, it was possible to examine the distribution of target shooters by activity status of active participant, lapsed participant, or never participated. This additional information is desired for archery participants and archery target shooters. This will add an additional table to the data reports.

In addition to the duties listed above, the Project Coordinator will keep the Association, the Technical Workgroup, and state National Survey technical representative committee members informed on the survey's progress. Additionally, as in all past National Surveys, the Project Coordinator will consult with the Technical Workgroup in the design, review, and reporting stages of the survey data. The final version of the 2027 National Survey's questionnaire must be sent to the Technical Workgroup for review and approval before the deadline required by the survey contractor. The Association, with input from the Technical Workgroup, will approve the questionnaire and the Project Coordinator will forward this information to the survey contractor.

It is expected that the USFWS will have an approximate budget of \$1.2 million dollars estimated for the coordination of the 2027 National Survey during the 5-year period from 2025 through 2029. USFWS should also explore additional cost efficiencies in the proposal, including but not limited to:

- Including partnership funds, especially for any additional products not listed in "Products and Deliverables" or printed materials the applicant wants to produce that are survey related.

- Consider limiting travel funds to those that might be necessary to visit the survey contractor's facilities and conducting at least 2 collaborator meetings with the contractor and the Technical Workgroup members.

Products and Deliverables

The products and deliverables listed below are all that is requested from the 2027 National Survey. If an applicant wants to produce additional deliverables or additional products that are requested by the states or other entities, those deliverables must be within the contract cost or supported by partnership funds secured by the applicant or the requesting state(s) and entities. Any such additional deliverables or products should be listed and described within the proposal.

The desired categories of information to be reported are presented in Attachment C. The tables in Attachment C are an example of the desired estimates. The Project Coordinator will work with the survey contractor to develop an agreeable method for reporting standard errors of the estimates reported in the tables. These standard errors of the estimates should be design-based estimates, but if other methods are to be used for their estimation then these should be described in detail. (Standard errors of reported percentages derived from estimates within the tables do not need to be reported.) Estimates based on fewer than 10 responses shall not be published, and those based on 10 to 29 responses shall be footnoted. Weighting procedures for the statistical analysis shall be described in detail as well as methods for estimating the variances of estimates. The publications and reports should describe the weighting procedures and methods for estimating the variances of estimates proposed in detail.

The Project Coordinator will ensure that the informational products in the publications (not reports) and data specified below are developed for public distribution and use and will provide technical assistance to survey users. Additionally, the Project Coordinator will coordinate with the Association's Communications Director and the Technical Workgroup on all public communications and publications, including press releases, regarding the 2027 National Survey.

The Project Coordinator shall provide draft copies of all publications to the Technical Workgroup for review prior to publication and distribution.

Specific details about each information product are listed below. Proposals should provide cost estimates for the creation and distribution of each information product developed by the Project Coordinator beyond those supplied by the survey contractor to the Project Coordinator. Also, all products produced are considered public domain and cannot be copyrighted or sold for profit. The publications must also be added to the existing website maintained by the USFWS. The website shall be kept up-to-date for the publications and data files. Public use data sets resulting from the 2027 National Survey will be made available for public download on the website within the Project Coordinator's control; however, restricted use data sets will not be stored on the recipient's website but will be made available upon request based upon criteria agreed to by the Project Coordinator and the survey contractor.

National Preliminary Overview: This overview shall contain a tabular summary (tables in Attachment C with accompanying standard errors of estimates as agreed upon with the contractor) of the collected data but will not require the fuller analysis of a national report. The survey organization shall provide these preliminary estimates in tabular form to the

Project Coordinator by April 30, 2028 for review purposes. The overview will not be printed and shall be distributed in formatted, printable PDF format via e-mail by April 30, 2028 (or a later time to be determined in consultation with the Technical Workgroup and the Project Coordinator) to Technical Workgroup members for review in a timely fashion to meet project deadlines.

National Publication: This publication shall contain written and tabular summaries and a full-scale analysis of collected data for the national-level survey. The survey organization shall assist with writing the text and the publication's layout and graphic design in consultation with the Project Coordinator. Written and graphical information similar to that presented in the 2022 National Survey report can be used as a guide, with the 2022 report available online at <https://www.fws.gov/media/2022-national-survey-fishing-hunting-and-wildlife-associated-recreation>

The national publication shall be completed by June 15, 2028. The publication will not be printed and shall be distributed in formatted, printable PDF format through e-mail and will be made available for download from the Project Coordinator's website.

Data: This product shall contain the complete dataset from the national-level survey. The dataset of survey responses shall be delivered in a comma-delimited (.csv) files with variable names in the header using US-ASCII format. Additional formats for data files shall include SPSS and SAS. Many survey organizations work under a standard of ethics, which compel them from producing datasets for public use that meet certain disclosure requirements so that individual cannot be matched as a survey respondent. If the applicant has such a standard, the method that will be used to prevent respondent disclosure must be described in the proposal in detail. Datasets so manipulated will be made publically available; however, a restrictive-use dataset, without the manipulations, must be made accessible to the Project Coordinator for research purposes only. For any restrictive-use datasets, the contractor will work out mutually agreeable procedures for its access and possible distribution to other agreed upon researchers. These data sets should also have accompanying metadata, codebooks, dictionaries, description of estimation procedures (both for estimates and variances of estimates), etc. for allowing ease of use by outside analysts. The survey organization shall produce the dataset(s) in electronic form and deliver it to the Project Coordinator by August 30, 2028. The public-use dataset will be made available through the Project Coordinator's website for general public distribution.

Technical Report: A report shall contain technical information concerning the design, conduct, and analysis of the surveys. The Technical Report will be written by the survey contractor. This report will be a record for future National Survey Technical Workgroups and Project Coordinators to use for understanding the technical aspects and results of the 2027 National Survey. This report will contain detailed information about the sampling frames used, including full description of frames' source, representation, coverages, and an analysis of coverage errors; the sampling techniques used, including details of the formulation of weights, estimates, variances of estimates, imputation methods used and analysis of their effects, computer programs and software used in the analysis of the data with details concerning testing procedures used to ensure proper results from this software; survey methodologies used, including full descriptions of the survey modes

used, training process of interviews and coders, number of individuals involved, testing procedures employed, and an analysis of sources of potential bias; data collection processes, including tabulation of attempted contacts at each phase and stage of the survey, problems encountered, resolution of encountered problems, response rates, nonresponse follow-up contacts and analysis, and an analysis of potential sources of bias that would affect results; and an analysis of sources of measurement error due to respondents' interactions with interviewers and/or the survey instruments. Any other technical information that would be useful in fully understanding the survey and any issues, problems, sources of bias, etc. should also be included in this report. A separate nonresponse bias analysis shall be conducted and reported separately or as an appendix to this technical report. The report(s) should be delivered to the Project Coordinator and the National Survey Technical Workgroup by August 30, 2028. This document is for research purposes only and will not be made available on the Project Coordinator's public website. The Technical Report will be made available to researchers upon request from the Project Coordinator. It will be distributed as a formatted, printable PDF document via e-mail.

Researchers and staff from the contractor shall be available to assist the Project Coordinator and Technical Workgroup in presenting results and answering technical questions regarding the 2027 National Survey at the 2028 fall meeting of the Association.

Geo-reference Data to be Retained by Survey Organization: This product shall contain the geographic location of each selected sampling unit in which contact was attempted. The geographic location should be at a resolution of at least the county, borough, or parish level. If Universal Transverse Mercator (UTM) location is available, this would be preferable. (Latitude and longitude coordinates would also be acceptable, but not preferred.) Other auxiliary information that would be useful in a model-based approach that is available from the sampling frame should be included in this file, too. These data must include control information to allow the records in this file to be merged with corresponding records from the data file from the above product. The survey organization shall maintain this file in a secure location governed by all applicable laws, statutes, regulations, and codes of ethics governing the survey organization for maintaining confidentiality of the sampling units and respondents. These data may be used by future researchers in development and analysis for planning, designing, and conducting future National Surveys using model-based approaches for estimation within the appropriate regulations and codes of ethics governing the survey organization. These data, along with survey responses data, should be maintained by the survey organization in perpetuity. (The contractor may wish to work with the Project Coordinators concerning this last requirement and responsibilities after all reports and data have been finalized.)

Communications Output: The Project Coordinator will host the national publication and public data files on a publicly accessible website. Additionally, the coordinator will provide text related to the background, summary findings, and documentation regarding how surveys were conducted. The Project Coordinator will also provide instructions for how to access publicly-available data and how to use the codebooks. The Project Coordinator will host any additional analyses or products that it produces using the results of survey. The Project Coordinator will also include information about external entities,

such as partner organizations, research institutions, or researchers that have requested and are using survey results to produce reports or peer-reviewed research articles.

Any press releases developed by the contractor during or following this survey effort focused on the survey and/or its results must be reviewed and approved by the Association, which may require communication and possible review by state directors, before release.

The Project Coordinator will maintain the existing survey website, in consultation with the Technical Workgroup, and ensure the website is kept up-to-date as described in *Communications Output*, containing past survey reports and public available data. This website will provide useful information about the survey, its history, uses, and relevant findings, as well as easy methods for finding downloadable reports, data, and summaries for national level as well as state-level results.

Desired Outcomes

The desired outcomes for this project include conducting the 2027 National Survey and reporting associated participation, effort, and economic expenditure estimates that will continue this survey's legacy and be useful to state and federal fish and wildlife agencies and the broader conservation-related community. This effort should be conducted in such a manner to continue the legacy that started with the 1955 National Survey of Fishing and Hunting.

Proposal Submissions

1. **Format:** Applicants should use the general format as outlined in Attachments A, B, C, and D, as well as the explicit requirements specified in this RFP.
2. **Submittal:** Grant proposals must be submitted via e-mail to Silvana Yaroschuk at syaroschuk@fishwildlife.org. The required Federal Aid Forms should be mailed to Silvana Yaroschuk, Association of Fish and Wildlife Agencies, 1100 First Street, NE, Suite 825, Washington, DC, 20002. If you have any questions concerning proposal submission, please contact Ms. Yaroschuk at 202-838-3647 or via email (syaroschuk@fishwildlife.org).
3. **Deadlines:** Proposals and the required Federal Aid Forms for this grant period (2020) **must be received no later than August 1, 2024.**

The overall proposal review process is anticipated to follow this schedule or similar:

July	Announcement of Requests for Proposals
August 1	Proposals due to the Association of Fish and Wildlife Agencies;
August	Set review meeting time with proposers;
Aug 7	Proposal review meetings held;
October	Notification of selection.

4. Review and Selection: The National Survey Technical Workgroup will evaluate the proposal submitted in response to this RFP and make a recommendation to the Association's National Grants Committee. The Association formally forwards the National Grants Committee's recommendations to the Director of the US Fish and Wildlife Service for grant funding.

The Technical Workgroup has substantial experience in the design and use of previous versions of the National Survey and other wildlife-related surveys. The recipient should be available to make a presentation with the National Survey Technical Workgroup on August 7, 2024.

ATTACHMENT A

BUDGET OUTLINE & PRICE ANALYSIS

PART I. Costs: For comparative purposes, please complete this budget outline and submit it with your proposal. A separate form is required for each proposal submitted. Please list any other expenses you anticipate that are not provided for in this form:

YEAR	2025	2026	2027	2028	2029	Total Cost
EXPENSES:						
Personnel						
Fringe (____%)						
Travel						
-Travel:						
-Other (list):						
-Other (list):						
Supplies						
-List:						
-List:						
	<i>Please attach additional descriptions if necessary.</i>					
Contracts						
Other Expenses (list):						
-Other:						
-Other:						
-Other:						
	<i>Please attach additional sheets, if necessary.</i>					
Total Cost:						
MSCGP Funds Requested						

ATTACHMENT B

Proposal Format

Executive Summary

(Limit – 2 Pages)

1. Project Title
2. Full Legal Name of Organization
3. Lead Applicant's Contact Information
 - a. Title (Dr./Mr./Ms.)
 - b. First Name
 - c. Last Name
 - d. Street Address
 - e. City
 - f. State
 - g. Postal Code
 - h. Email
 - i. Fax
 - j. Phone Number
4. Name and Affiliation of Co-Investigator(s)/Partner(s) (if applicable)
5. Project Length
6. Funding Requested
 - a. Total Amount: \$
 - b. Year 1 Amount: \$
 - c. Year 2 Amount: \$
 - d. Year 3 Amount: \$
 - e. Year 4 Amount: \$
 - f. Year 5 Amount: \$
7. Summary Statement and Abstract for overall scope of project and past experience of projects

Project Plan and Method of Performance

(As many pages as necessary)

1. Project Title
2. Full Legal Name of Organization
3. Lead Applicant's Contact Information
 - a. Title (Dr./Mr./Ms.)
 - b. First Name
 - c. Last Name
 - d. Street Address
 - e. City
 - f. State
 - g. Postal Code
 - h. Email
 - i. Fax
 - j. Phone Number
4. Name and Affiliation of Co-Investigator(s)/Partner(s) (if applicable)
5. Project Length
6. Funding Requested
 - a. Total Amount: \$
 - b. Year 1 Amount: \$
 - c. Year 2 Amount: \$
 - d. Year 3 Amount: \$
 - e. Year 4 Amount: \$
 - f. Year 5 Amount: \$
7. Project Plan and Method of Performance
 - a. General plan and approach
 - b. Collaboration with project contractor
 - c. Survey timeframe
 - d. Products and deliverables
 - e. Timeline of events
8. Qualifications and Contractors
9. Cost Proposal and Budget
10. Organization Overview

ATTACHMENT C

TABLES OF ESTIMATES FOR THE 2027 NATIONAL SURVEY

Table 1. Anglers, Hunters and Wildlife Watchers 16 Years Old and Older, Days of Participation, and Trips: 2027

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

Type of Activity	Participants		Days of Participation		Trips	
	Number	Percent	Number	Percent	Number	Percent
FISHING						
Total, all fishing	--	100	--	100	--	100
Freshwater	--	--	--	--	--	--
Saltwater	--	--	--	--	--	--
HUNTING						
Total, all hunting	--	100	--	100	--	100
Big game	--	--	--	--	--	--
Small Game	--	--	--	--	--	--
Migratory Birds	--	--	--	--	--	--
Other Animals	--	--	--	--	--	--
WILDLIFE WATCHING						
Total, all wildlife watching	--	100	--	100	--	100
Away from home	--	--	--	--	--	--
Around the home	--	--	--	--	NA	NA

Table 2. Selected Characteristics of Anglers, Hunters, and Wildlife Watchers: 2027

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

Characteristic	U.S. Population		Fishing			Hunting			Wildlife Watching		
	Number	Percent	Number	Percent who Participated	Percent	Number	Percent who Participated	Percent	Number	Percent who Participated	Percent
Total persons	--	100	--	--	100	--	--	100	--	--	100
Population Density of Residence											
Urban	--	--	--	--	--	--	--	--	--	--	--
Rural	--	--	--	--	--	--	--	--	--	--	--
Population Size of Residence											
Metropolitan Statistical Area (MSA)											
1,000,000 or more	--	--	--	--	--	--	--	--	--	--	--
250,000 to 999,999	--	--	--	--	--	--	--	--	--	--	--
50,000 to 249,999	--	--	--	--	--	--	--	--	--	--	--
Micropolitan (10,000 to 50,000)	--	--	--	--	--	--	--	--	--	--	--
Outside MSA	--	--	--	--	--	--	--	--	--	--	--
Census Geographic Division											
New England	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--	--	--	--	--
East North Central	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--	--	--
Age											
16 to 17 years	--	--	--	--	--	--	--	--	--	--	--
18 to 24 years	--	--	--	--	--	--	--	--	--	--	--
25 to 34 years	--	--	--	--	--	--	--	--	--	--	--
35 to 44 years	--	--	--	--	--	--	--	--	--	--	--
45 to 54 years	--	--	--	--	--	--	--	--	--	--	--
55 to 64 years	--	--	--	--	--	--	--	--	--	--	--
65 years and older	--	--	--	--	--	--	--	--	--	--	--
65 to 74 years	--	--	--	--	--	--	--	--	--	--	--
75 and older	--	--	--	--	--	--	--	--	--	--	--
Sex											
Male	--	--	--	--	--	--	--	--	--	--	--
Female	--	--	--	--	--	--	--	--	--	--	--
Ethnicity											
Hispanic	--	--	--	--	--	--	--	--	--	--	--
Non-Hispanic	--	--	--	--	--	--	--	--	--	--	--
Race											
White	--	--	--	--	--	--	--	--	--	--	--
African American	--	--	--	--	--	--	--	--	--	--	--
Asian American	--	--	--	--	--	--	--	--	--	--	--
All others	--	--	--	--	--	--	--	--	--	--	--

Annual Household Income

Less than \$10,000	--	--	--	--	--	--	--	--	--	--	--
\$10,000 to \$14,999	--	--	--	--	--	--	--	--	--	--	--
\$15,000 to \$24,999	--	--	--	--	--	--	--	--	--	--	--
\$25,000 to \$34,999	--	--	--	--	--	--	--	--	--	--	--
\$35,000 to \$49,999	--	--	--	--	--	--	--	--	--	--	--
\$50,000 to \$74,999	--	--	--	--	--	--	--	--	--	--	--
\$75,000 to \$99,999	--	--	--	--	--	--	--	--	--	--	--
\$100,000 to \$149,999	--	--	--	--	--	--	--	--	--	--	--
\$150,000 to \$199,999	--	--	--	--	--	--	--	--	--	--	--
\$200,000 or more	--	--	--	--	--	--	--	--	--	--	--
Not reported	--	--	--	--	--	--	--	--	--	--	--

Education

11 years or less	--	--	--	--	--	--	--	--	--	--	--
12 years	--	--	--	--	--	--	--	--	--	--	--
1 to 3 years of college	--	--	--	--	--	--	--	--	--	--	--
4 years of college	--	--	--	--	--	--	--	--	--	--	--
5 years or more of college	--	--	--	--	--	--	--	--	--	--	--

Table 3. Expenditures for Fishing: 2027

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per angler (dollars) ¹	Number (thousands)	Percent of anglers	Average per spender (dollars) ¹
Total, all items	--	--	--	--	--
Total trip-related	--	--	--	--	--
Fishing Equipment²	--	--	--	--	--
Auxiliary Equipment³	--	--	--	--	--
Special Equipment⁴	--	--	--	--	--
Other Expenditures⁵	--	--	--	--	--

¹Average expenditures are annual estimates.²Fishing equipment includes rods, reels, poles, rodmaking components, lines and leaders, artificial lures, flies, baits, dressing for flies or lines, hooks, sinkers, swivels, other items attached to a line except lures and baits, tackle boxes, creels, stringers, fish bags, landing nets, gaff hooks, minnow traps, seines, bait containers, minnow traps, seines, bait containers, ice fishing equipment, and other fishing equipment.³Auxiliary equipment includes camping equipment, binoculars, field glasses, telescopes, special fishing clothing, rubber boots, waders, foul weather gear, processing and taxidermy costs, and other equipment.⁴Special 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.⁵Other expenditures include magazines, books, DVDs, membership dues and contributions, land leasing and ownership, licenses, stamps, tags, and permits.**Table 4. Expenditures for Hunting: 2027**

(Population 16 years old and older)

Expenditure item	Expenditures		Spenders		
	Amount (thousands of dollars)	Average per hunter (dollars) ¹	Number (thousands)	Percent of hunters	Average per spender (dollars) ¹
Total, all items	--	--	--	--	--
Total trip-related	--	--	--	--	--
Hunting Equipment²	--	--	--	--	--
Auxiliary Equipment³	--	--	--	--	--
Special Equipment⁴	--	--	--	--	--
Other Expenditures⁵	--	--	--	--	--

¹Average expenditures are annual estimates.²Hunting equipment includes firearms, bows, arrows, archery equipment, telescopic sights, decoys and game calls, ammunition, hand loading equipment, hunting dogs and associated costs, and other hunting equipment.³Auxiliary equipment includes camping equipment, binoculars, field glasses, telescopes, special hunting clothing, rubber boots, waders, foul weather gear, processing and taxidermy costs, and other equipment.⁴Special 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.⁵Other expenditures include magazines, books, DVDs, membership dues and contributions, land leasing and ownership, plantings, licenses, stamps, tags, and permits.

Table 5. Expenditures for Wildlife Watching: 2027

(Population 16 years old and older)

Expenditure item	Expenditures (thousands of dollars)	Spenders		
		Number (thousands)	Percent of wildlife-watching participants	Average per spender (dollars) ¹
Total, all items	--	--	--	--
Total trip-related	--	--	--	--
Wildlife-watching Equipment²	--	--	--	--
Auxiliary Equipment³	--	--	--	--
Special Equipment⁴	--	--	--	--
Other Expenditures⁵	--	--	--	--

¹Average expenditures are annual estimates.

²Wildlife-watching equipment includes binoculars, spotting scopes, cameras, video cameras, special lenses, other photographic equipment, film, photo processing, bird food, food for other wildlife, nest boxes bird houses, feeders, baths, day packs, carrying cases, special clothing, field guides and maps, and other wildlife-watching equipment.

³Auxiliary equipment includes tents, tarps, frame packs and backpacking equipment, other camping equipment, blinds, GPS devices, and other auxiliary equipment.

⁴Special 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.

⁵Other expenditures include magazines, books, DVDs, membership dues and contributions, land leasing and ownership, and plantings.

Table 6. Selected Characteristics of Wildlife Watchers: 2027

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

Characteristic	U.S. Population		Away from Home			Around the Home		
	Number	Percent	Number	Percent who Participated	Percent	Number	Percent who Participated	Percent
Total persons	--	100	--	--	100	--	--	100
Population Density of Residence								
Urban	--	--	--	--	--	--	--	--
Rural	--	--	--	--	--	--	--	--
Population Size of Residence								
Metropolitan Statistical Area (MSA)	--	--	--	--	--	--	--	--
1,000,000 or more	--	--	--	--	--	--	--	--
250,000 to 999,999	--	--	--	--	--	--	--	--
50,000 to 249,999	--	--	--	--	--	--	--	--
Micropolitan (10,000 to 50,000)	--	--	--	--	--	--	--	--
Outside MSA	--	--	--	--	--	--	--	--
Census Geographic Division								
New England	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--	--
East North Central	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--
Age								
16 to 17 years	--	--	--	--	--	--	--	--
18 to 24 years	--	--	--	--	--	--	--	--
25 to 34 years	--	--	--	--	--	--	--	--
35 to 44 years	--	--	--	--	--	--	--	--
45 to 54 years	--	--	--	--	--	--	--	--
55 to 64 years	--	--	--	--	--	--	--	--
65 years and older	--	--	--	--	--	--	--	--
65 to 74 years	--	--	--	--	--	--	--	--
75 and older	--	--	--	--	--	--	--	--
Sex								
Male	--	--	--	--	--	--	--	--
Female	--	--	--	--	--	--	--	--
Ethnicity								
Hispanic	--	--	--	--	--	--	--	--
Non-Hispanic	--	--	--	--	--	--	--	--
Race								
White	--	--	--	--	--	--	--	--
African American	--	--	--	--	--	--	--	--
Asian American	--	--	--	--	--	--	--	--
All others	--	--	--	--	--	--	--	--

Annual Household Income								
Less than \$10,000	--	--	--	--	--	--	--	--
\$10,000 to \$14,999	--	--	--	--	--	--	--	--
\$15,000 to \$24,999	--	--	--	--	--	--	--	--
\$25,000 to \$34,999	--	--	--	--	--	--	--	--
\$35,000 to \$49,999	--	--	--	--	--	--	--	--
\$50,000 to \$74,999	--	--	--	--	--	--	--	--
\$75,000 to \$99,999	--	--	--	--	--	--	--	--
\$100,000 to \$149,999	--	--	--	--	--	--	--	--
\$150,000 to \$199,999	--	--	--	--	--	--	--	--
\$200,000 or more	--	--	--	--	--	--	--	--
Not reported	--	--	--	--	--	--	--	--
Education								
11 years or less	--	--	--	--	--	--	--	--
12 years	--	--	--	--	--	--	--	--
1 to 3 years of college	--	--	--	--	--	--	--	--
4 years of college	--	--	--	--	--	--	--	--
5 years or more of college	--	--	--	--	--	--	--	--

Note: “202X” allows for the results in these tables to be the appropriate year.

Table R-1. Anglers and Hunters Participating for the First Time in 202X by Age Group

(Population 6 years old and older. Numbers in thousands)

Age Group	Total anglers in 202x	Fishing for first time		Total hunters in 202x	Hunting for first time	
		Number	Percent of anglers in age group		Number	Percent of anglers in age group
Total, all ages	--	--	100	--	--	100
6 to 15 years	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--
18 to 24 years	--	--	--	--	--	--
25 to 34 years	--	--	--	--	--	--
35 to 44 years	--	--	--	--	--	--
45 to 54 years	--	--	--	--	--	--
55 to 64 years	--	--	--	--	--	--
65 years or older	--	--	--	--	--	--

Note: Data reported in this table are from one adult member of the household responding for all household members. The respondent is required to recall 12 months worth of activity.

Table R-2. Anglers and Hunters Participating in 202(X-1) but Not in 202X by Age Group

(Population 6 years old and older. Numbers in thousands)

Age Group	Anglers		Hunters	
	Number	Percent	Number	Percent
Total, all ages	--	100	--	100
6 to 15 years	--	--	--	--
16 to 17 years	--	--	--	--
18 to 24 years	--	--	--	--
25 to 34 years	--	--	--	--
35 to 44 years	--	--	--	--
45 to 54 years	--	--	--	--
55 to 64 years	--	--	--	--
65 years or older	--	--	--	--

Note: Data reported in this table are from one adult member of the household responding for all household members. The respondent is required to recall 12 months worth of activity.

Table R-3. Years Fished or Hunted 201(X-4)-202X by Age Group

(Population 6 years old and older. Numbers in thousands)

Age Group	Year									
	202X		202(X-1)		201(X-2)		201(X-3)		201(X-4)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fishing										
Total, all ages	--	100	--	100	--	100	--	100	--	100
6 to 15 years	--	--	--	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--	--	--	--
18 to 24 years	--	--	--	--	--	--	--	--	--	--
25 to 34 years	--	--	--	--	--	--	--	--	--	--
35 to 44 years	--	--	--	--	--	--	--	--	--	--
45 to 54 years	--	--	--	--	--	--	--	--	--	--
55 to 64 years	--	--	--	--	--	--	--	--	--	--
65 years or older	--	--	--	--	--	--	--	--	--	--
Hunting										
Total, all ages	--	100	--	100	--	100	--	100	--	100
6 to 15 years	--	--	--	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--	--	--	--
18 to 24 years	--	--	--	--	--	--	--	--	--	--
25 to 34 years	--	--	--	--	--	--	--	--	--	--
35 to 44 years	--	--	--	--	--	--	--	--	--	--
45 to 54 years	--	--	--	--	--	--	--	--	--	--
55 to 64 years	--	--	--	--	--	--	--	--	--	--
65 years or older	--	--	--	--	--	--	--	--	--	--

Note: Data reported in this table are from one adult member of the household responding for all household members. The respondent is required to recall 12 months worth of activity.

Table I-1. Participants in Target Shooting and Archery by Age Group: 202X¹

(Population 6 years old and older. Numbers in thousands)

Shooting activity	Recreational shooters	
	Number	Percent
Total, target shooters	--	100
6 to 15 years	--	--
16 to 17 years	--	--
18 to 24 years	--	--
25 to 34 years	--	--
35 to 44 years	--	--
45 to 54 years	--	--
55 to 64 years	--	--
65 years or older	--	--
Total, archers	--	100
6 to 15 years	--	--
16 to 17 years	--	--
18 to 24 years	--	--
25 to 34 years	--	--
35 to 44 years	--	--
45 to 54 years	--	--
55 to 64 years	--	--
65 years or older	--	--

Note: Data reported in this table are from one adult member of the household responding for all household members. The respondent is required to recall 12 months worth of activity.

¹This does not include shooting activities related to hunting.

Table I-2. Participants using a Motorized Boat¹ by Age Group: 202X

(Population 6 years old and older. Numbers in thousands)

Motorized boating activity	Participants	
	Number	Percent
Total, motorized boaters	--	100
6 to 15 years	--	--
16 to 17 years	--	--
18 to 24 years	--	--
25 to 34 years	--	--
35 to 44 years	--	--
45 to 54 years	--	--
55 to 64 years	--	--
65 years or older	--	--

Note: Data reported in this table are from one adult member of the household responding for all household members. The respondent is required to recall 12 months worth of activity.

¹Motorized boats that are powered by gasoline or diesel, but not including commercial motorized vessels.

Table F-1. Resident Anglers Participating in their State of Residence for Freshwater and Saltwater Fishing¹: 2027

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

State	Number of Freshwater Participants	Number of Saltwater Participants
Total, for State of Residence²	--	--
Alabama	--	--
Alaska	--	--
California	--	--
Connecticut	--	--
Delaware	--	--
Florida	--	--
Georgia	--	--
Hawaii	--	--
Louisiana	--	--
Maine	--	--
Maryland	--	--
Massachusetts	--	--
Mississippi	--	--
New Hampshire	--	--
New Jersey	--	--
New York	--	--
North Carolina	--	--
Oregon	--	--
Rhode Island	--	--
South Carolina	--	--
Texas	--	--
Virginia	--	--
Washington	--	--

Note that this information is required by 50 CFR Part 80.66 by for the purpose of allocating Federal Aid funds to coastal states as defined by 50 CFR Part 80.65.

¹Estimate only includes resident anglers who fin fish. Those that shellfish in saltwater but do not fin fish in the marine environment are not included in this estimate.

²Total is the sum of state resident freshwater and saltwater participants in all coastal states. This does not include nonresidents or anglers residing in a coastal state who only shellfished.

ATTACHMENT D

ADDITIONAL TABLE EXAMPLES TO BE INCLUDED, BASED ON METHODOLOGY, FOR THE 2027 NATIONAL SURVEY RESULTS

1. See Table D-1 in 2022 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation report, ABS completes by wave, mode, and language.
2. See Table D-2, AmeriSpeak completes by wave, mode, and language.
3. See Table D-3, Nonprobability online completes in Wave 3 by language.
4. See Table D-4, Approximate standard errors and 95-percent confidence intervals for selected fishing, hunting, and wildlife-watching estimates.
5. See Table D-5, Approximate standard errors and 95-percent confidence intervals for selected average expenditure estimates: 2022.
6. See Appendix F, Technical Report: 2023, Table of margins of error calculated for participation in hunting, participation in fishing, and participation in wildlife-watching.
7. See Appendix G, Technical Report: 2023, Table of population totals and standard errors by participation category for participants by activity, days of participation, trips, U.S. population demographics by fishing, hunting, wildlife-watching, watching-away from home, watching-around the home.
8. Table of estimated number of anglers, standard errors, and coefficients of variation (CV) for anglers by coastal states.
9. Table of estimated participants, standard errors, and coefficients of variation for all fishing, freshwater, saltwater, all hunting, big game, small game, migratory birds, other animals, all wildlife-watching, away from home, and around the home.