Request for Proposals
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 proposals from survey research organizations to conduct a survey project related to fishing, hunting, and wildlife-associated recreation. This project will result in national-level survey results similar to the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (National Survey) conducted in 2022 by NORC at the University of Chicago and coordinated by the US Fish and Wildlife Service. The project shall also include the opportunity for individual states to request and pay for state-level surveys using the same questions and study design as the national-level survey with the option to include additional state-level questions. State-level surveys will be contracted individually by the states with the selected research organization.

Funding is award by the US Fish and Wildlife Service on the recommendation of the Assoication through the Multi State Conservation Grant Program.

Closing Date

Proposals must be received by the point of contact designated below no later than 5:00 pm on August 1, 2024.

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, with external 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 will be a Multistate Conservation Grant (MSCG) to a third-party agency, not-for-profit institution, or education institution to support the survey research activities of the successful applicant.

NOTE: Funding for this project comes from a Multistate Conservation Grant jointly administered by the US Fish and Wildlife Service and the Association of Fish and Wildlife Agencies. The MSCG program limits the types of institutions that may receive grants. Because of this, the successful applicant (survey organization) may be required to work through a third-party agency, not-for-profit institution, or education institution to receive the grant. For more information on this, please consult with Silvana Yaroschuk at syaroschuk@fishwildlife.org.

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.

Contractor Responsibilities

The selected contractor shall be responsible for all products and services as required by this RFP, and as identified in the final grant agreement. Subcontractors, if any, must be identified in the proposal and a complete description of their role relative to the proposal must be included in the proposed bid and project approach.

Total Cost Limit

At this time, there is a total cost limit of $7.5 million for the total cost of all work over the time frame of the project.

Background Materials

Applicants can review National Survey history, previous surveys and related documents at:
https://www.fws.gov/program/national-survey-fishing-hunting-and-wildlife-associated-recreation-fhwar/past-fhwar-surveys

An overall description of the National Survey is at:
https://www.fws.gov/program/national-survey-fishing-hunting-and-wildlife-associated-recreation-fhwar

The 2022 National Survey report is available at:
https://www.fws.gov/media/2022-national-survey-fishing-hunting-and-wildlife-associated-recreation

Proposal Contents

The proposal should contain the following elements and should be formatted per Attachments A, C, D, and E, with:

1. Executive Summary.

2. Project Plan: Describe your proposed approach for fulfilling the “Scope of Work,” outlining your firm’s resources, timelines, and personnel.
3. Qualifications, Prior Work, Experience, Reliability, Contractors, and References: include three examples of comparable prior work and contact information for references on these projects.

4. Cost Proposals and Budget: Provide a total fixed cost to fulfill the “Scope of Work” and include a detailed project budget that outlines fees and expenses, including personnel and subcontractors; costs of necessary meetings; travel expenses; communications. Note that total cost of the proposal should be inclusive of all expenses, including travel, materials, and other miscellaneous expenses.
5. Organization Overview: Provide an overview of your organization and principal staff.

Proposal Submission
The applicant shall submit a proposal by August 1, 2024 to syaroschuk@fishwildlife.org. Please indicate “Proposal – National Survey 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 and supplementary materials submitted via the “Point of Contact” above. (If electronic copies of materials are not available, please provide 15 copies submitted by mail to the “Point of Contact.”)

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

Confidentiality
Confidential information includes all Association-furnished documentation, information, and reports. Contractor 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 or cancel this RFP.

NATIONAL SURVEY HISTORY AND BACKGROUND

A National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (National Survey) has been conducted approximately every five years since 1955 to collect data and assess participation trends of fishing, hunting, and wildlife-associated recreation by residents in the United States. The purposes of the National Survey are to gather fishing, hunting, and wildlife-watching participation and expenditures data, and in turn produce reliable national- and state-level estimates of participation and associated monetary expenditures for these activities. *It should be noted that, except for freshwater and marine angler participation in coastal states, state-level estimates are not a requirement for this 2027 National Survey effort.* This information is used by state and federal agencies, as well as nongovernmental and conservation organizations, academic institutions, and industry. The results are used to improve the management of fish and wildlife resources, promote participation in outdoor recreation activities, understand the economic contributions of outdoor recreation activities to conservation funds and the economy, and to characterize outdoor participants. Data from the National Survey are also used to assess economic impacts, support litigation, substantiate legislation, allocate general revenues for conservation, and analyze industry trends. In addition, the data are used extensively to provide media outlets with economic and participation information on fishing, hunting, and wildlife-associated recreation.

Historically, and prior to 2016, the U.S. Fish and Wildlife Service (USFWS) in conjunction with the U.S. Census Bureau (Census), has conducted the National Survey, except in 1955 and 1975 when private contractors were used (McDowell and Mock 2004). For the 2016 survey effort, a national-level survey was conducted by Census with USFWS as the sponsoring agency using the methodology that had been used for the 1991 through 2011 surveys. An outside vendor, Rockville Institute, conducted state-level surveys as part of the 2016 effort using a different methodology with a comparable questionnaire. The purpose of the 2016 effort was to provide a "bridging study" from the standard methodology used by Census to a new and more cost effective methodology. The results of the two efforts were evaluated by an independent team of survey experts and an Association Technical Workgroup. Findings from the evaluations resulted in the Requests for Proposals for the 2022 National Survey.

Prior to the 2001 survey, the National Survey was funded by the USFWS primarily with Federal Aid administrative funds. The design and output of the survey effort were developed in consultation with state fish and wildlife agencies, nongovernmental organizations, and interested parties from the hunting and fishing industries. The Wildlife and Sport Fish Restoration Improvement Act of 2000 prohibited the use of administrative funds for this purpose; however, the Improvement Act established funding for the Multistate Conservation Grant Program (MSCGP) and allowed for the National Survey effort to be funded through this program. Through the MSCGP, the USFWS funds priority projects that are selected and recommended by the directors of the state fish and wildlife agencies. Funding for the 2027 National Survey, if approved by the state directors at their September 2024 meeting, will be allocated, preferably in equal amounts annually, from the MSCGP for 2025, 2026 2027, 2028, and 2029.

While earlier surveys may not be directly comparable to more recent surveys due to methodology variations, somewhat reliable comparisons can be made from the six surveys conducted from 1991-2016. National Surveys from 1955-1985 first conducted a screening interview and willing participants were polled once at the beginning of the next year. This required respondents to recall their fishing, hunting, and wildlife-associated recreation activities for the previous 12-months. National Surveys conducted by Census from 1991 to 2016 aimed for similar methodologies and polling the same respondents about their fishing, hunting, and wildlife-associated recreation activities every 4-8 months during the survey year, thus reducing potential recall bias. The 2016 state-level survey, conducted by Rockville Institute, used a different mode of data collection, but maintained similar questions and timing of information collection from respondents as used by Census.

National Surveys from 1975 to 2011 included state-level data (U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau, 2013), yet the 2011 National Survey encountered many obstacles that caused a number of concerns about the accuracy of state-level results. These concerns were based on both the levels of precision achieved and sources of bias encountered. Nonresponse and noncontact rates for the 2011 National Survey were higher than for previous surveys, which likely contributed to inaccuracies in the results. To mitigate the higher nonresponse and noncontact problem, a subsample of nonresponse and noncontact units from the household screener wave were selected to be contacted for the first time at the end of the 2011 survey effort. These selected units were asked to recall information over the entire 12-month year of 2011. This mitigation strategy likely contributed recall bias to the estimates. Because the 2011 National Survey costs were maintained at the 2006 National Survey level with a concomitant goal of preserving the same reliability and comparability with other National Surveys since 1991, the sample size of the 2011 survey had to be reduced by nearly half of the 2006 National Survey sample. The sampling design also was modified slightly to increase sample sizes in counties with higher numbers of hunting license buyers. This redesign used the same subsampling design as in previous National Surveys, where in the second phase respondents to the screener wave were selected according to their responses to informative questions in the screener questionnaire. Nonresponse and noncontact rates were higher for the 2011 National Survey than the 2006 survey, because the screener interviews were conducted predominately through centralized telephone centers, whereas, for the 2006 survey all of the screener interviews were conducted by Census field interviewers either by telephone or in-person. As a consequence, a much smaller number of interviews was completed by respondents (U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2013). This also contributed substantially to increased variation in the resulting estimates.

After reviewing the results of the 2011 survey, the sense among state directors regarding the 2016 survey effort was that other methodologies needed to be evaluated and implemented, while maintaining the ability to compare trends in national-level estimates. A “bridge” approach was proposed to objectively evaluate viable alternatives and help transition to new methodologies for future National Survey cycles. State directors also wanted more accurate state-level results using these new methodologies. Therefore, the 2016 National Survey was divided into two parts. The first part provided for the National Survey and it provided results at the national level (only). This part was conducted by Census and maintained comparability with previous National Survey results obtained since 1991 at this level. Census used the same sampling frame and survey design with only minor modifications, such as a pre-screener questionnaire to collect telephone number, to maintain comparability with previous National Surveys. The second part of the 2016 effort, called the 2016 50-State Surveys of Fishing, Hunting, and Wildlife-Associated Recreation, included estimates for each of the 50 states and broke from previous National Surveys by using a different sampling frame and survey methodology (self-administered mail questionnaires). The goal was to obtain more accurate results with better precision and reduced bias, in a more cost-effective manner. The expectation for the 2016 National Survey approach was to “bridge” results when compared to previous National Surveys.

The results from the 2016 National Survey effort showed differences in estimates between the methods. Following the development of final estimates from the two different methodologies used for the 2016 effort, an independent evaluation team was asked to determine the cause of the differences in estimates, answer the question of which survey methodology was most “correct”, and make recommendations for future surveys. They identified a number of sources of error that might have impacted each of the surveys’ results, but concluded that they could not “…say whether one approach is more accurate than the other.” The team also made recommendations for future survey efforts, such as shortening the questionnaires and scope of the survey, while developing other alternative methods of data collection.

Based on the evaluation team’s report for the 2016 survey efforts, state fish and wildlife directors formed an Association task force to establish guidelines for the 2022 National Survey effort. The recommendations of the task force were to limit the next National Survey to 1) only national-level estimates (with the exception of state-level estimates required by federal statute), 2) reduce the number of variables estimated to a more limited set of fishing, hunting, and wildlife-watching participation and expenditures to reduce questionnaire length, 3) consideration of a new, more cost effective methodology that would further reduce total survey error (more specifically sources of bias), and 4) include (if possible) options for states to work with the awarded vendor to purchase state-level estimates at a negotiated level of precision for all activities or selected activities included in the survey.

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 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 grant proposals for the 2027 National Survey.

REQUIREMENTS

General

The 2027 National Survey shall provide separate estimates of total participation (number of participants, number of days and number of trips) as well as total expenditures by key categories for fishing, hunting, and wildlife-watching at the national-level, with the exception that state-level estimates of total resident participants in saltwater and freshwater fin fishing will also be produced for coastal states to allow for federal aid apportionment under current federal statutes:

https://www.ecfr.gov/cgi-bin/text-idx?SID=9e9644004923e989cc56de2056fa06bd&mc=true&node=se50.9.80_165&rgn=div8

and

https://www.ecfr.gov/cgi-bin/text-idx?SID=9e9644004923e989cc56de2056fa06bd&mc=true&node=se50.9.80_166&rgn=div8

It is desired that the 2027 National Survey be comparable in scope, approach, and reported results with the 2022 National Survey. Results from the 2027 National Survey do not need to be comparable to previous surveys conducted from 1991 through 2016.

Tables of required estimates are in Attachment D.

Applicants to the RFP[1] shall thoroughly document in their proposals all procedures that they intend to use in completing the 2027 National Survey. Proposals should include justification, reasoning, and cited literature supporting these procedures. They should also provide information concerning timelines for workflow, needs and necessity for collaboration with the Project Coordinator[2], and detailed descriptions of assumptions being made relevant for successfully completing this effort within the milestones and requirements provided below.

Collaboration

This RFP only requests proposals for the collection and analysis of data, preparation of specified documents, and post-survey technical support. Oversight duties for these tasks are referred to as responsibilities of the "Project Coordinator." Therefore, the contractor[3] will collaborate with an external Project Coordinator to complete the survey and its products and address technical questions following release of the results. Additionally, as with past National Surveys, the contractor will be required to consult with the National Survey Technical Workgroup [i.e., state fish and wildlife personnel and advisors working through the Association for the state directors] in the design, review and reporting stages of the survey. The Project Coordinator will host at least two (2) collaborative meetings for the purposes stated above, and the contractor will be represented at these meetings (a minimum of a beginning meeting to describe approach, timeline, and methods and an ending meeting to present results). Applicants should include travel expenses for these collaborative efforts in their budgets (see Attachment A, Budget Outline and Price Analysis, Part II).

Survey Timeframe

The proposal must include a timeline which includes 2027 as being the year that the data and estimates represent. Attachment D contains example tables of the minimum estimates that will be produced by this effort. Within the tables it should be noted that the year of "202x" could be for the year prior or the actual year of survey data collection. Therefore, "202x" could be changed to an appropriate year as stated by the applicant in their proposal. Additional tables are required to match the format and information the tables in the report and appendices of the 2022 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation prepared by the USFWS.

Geographic Coverage and Questionnaire Content

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[1] The term "applicant" refers to any organization/entity submitting a proposal under this RFP to conduct the 2027 National Survey.

[2] The term "Project Coordinator" refers to an outside entity that will coordinate this project to aid the contractor with specific details with external project management and communications with the National Survey Technical Workgroup, which works on behalf of state fish and wildlife agency directors.

[3] The term "contractor" refers to the successful applicant whose grant proposal is recommended by the state directors and is subsequently funded by the USFWS through the MSCGP to conduct the 2027 National Survey.

The state directors will select a proposal that provides an optimal quality and amount of data compared to costs, in addition to other criteria set forth in this RFP. Each applicant shall provide cost estimates for the specifications listed in the RFP.

The geographic coverage of this survey effort shall be all 50 states and the District of Columbia.

The questionnaire content shall be complete enough to provide estimates for all variables and their sub-categories presented in all example tables in Attachment D. The applicant's proposal must state in detail the process for development and testing of questionnaires. This information should cover specifics of any in-house and/or field testing of the questionnaire instruments.

Population Coverage

The eligible population for the 2027 National Survey shall be the civilian, non-institutionalized and non-barracked military population living in the United States. "The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (98 percent of the 4 million institutionalized people in Census 2010" (U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2013:144)). The sampling frame used for the 2006 through 2016 National Surveys was the Census Bureau's Master Address File (MAF) (U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2007; U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2013; U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2018). Information to be reported, as described above in "Geographic Coverage and Questionnaire Content" section and referred to in Attachment D, applies to individuals 16 years and older. Estimates of participation-only are required for individuals 6 years of age through 15 as specified for example Tables R-1 through I-2 in Attachment D. For this younger segment of the population, data may be collected from an adult member of the household when necessary, and may cover the targeted respondent's 2026 active participation in fishing, hunting, wildlife-watching, target shooting, recreational archery, and/or motorized boating activities.

The relationship between the target population and the sampling frame is fundamental to this survey. Proposed sampling frames that will be used with a probabilistic sampling design in this effort shall be fully described, including its source, market availability, size, auxiliary information available, etc. Population groups missing from the sampling frames but included in the target population should be fully described in the proposal. Coverage error rates and sources (e.g., multiplicity, omissions, erroneous enumerations, and missing information critical to sampling) when compared to the eligible population's 16 years and older age category shall also be included in the proposal for each sampling frame to be used. Ideally, selection of sampling frames that match or exceed the MAF is strongly encouraged to minimize coverage error. All estimates used for coverage error must be thoroughly documented.

The proposal shall include a discussion on total survey error.

Survey Sampling Design

The survey sampling design must consist of a probabilistic sampling approach using enumerated sampling frames as described above. However, non-probabilistic sampling approaches can be used to supplement the probabilistic sample, but the applicant must fully describe all methods that will be used to combine these sources into a single estimate with appropriate measures of uncertainty. The mode for contacting sampling units can be based on in-person, telephone, mail, electronic (e.g., internet, e-mail, SMS, etc.), or any combination of modes. Techniques proposed should minimize non-sampling error (bias) and cost, while achieving levels of precision provided below (Attachment A). The proposal shall document the proposed procedures, assumptions and expectations in detail. The statistical sampling methodology shall be described in full detail. Information shall include how the sampling frames will be stratified, definitions of sampling units at each stage or phase of possible sampling, how estimates will be computed, how estimated variances of the estimates will be constructed, weighting procedures to be used and developed for individual sampling units for inclusion with data products, and any other descriptions that will clearly describe the statistical procedures to be employed.

For future research and survey purposes, a restriction is being placed on the probabilistic sample to be drawn. This restriction is that the sampling design should be structured such that a minimum of at least two sampling units is drawn using a probabilistic sampling approach from each state and the District of Columbia. The proposal should include how this will be done under the proposed sampling design. (The reason for this restriction is to accommodate possible future researchers using model-based approaches, including small area estimation methods and models to derive finer resolution estimates even at within the state levels.)

For the 2022 National Survey, state directors were willing to supply the contractor with the number of residents buying hunting licenses by county of residence in their state. This information and the number of non-resident purchasers will likely be available for licenses from a previous year. This information may be useful to the contractor for stratification purposes. Applicants wishing to have this information available to them should include such a request within their proposals and describe how the information will be used. The proposal shall include a discussion if stratification based on hunters and non-hunters is possible and if the approach could be used.

If telephones are to be used to contact selected units, the applicant shall include information about the location interviewers will use for making these contacts (e.g., call centers, home operations, etc.) as well as the geographic locations where callers will be located. A description of the conditions under which these interviewers will operate shall also be included in the proposal, including proposed times and days in which calls will be made to selected units. Call centers and callers must be located within the 50 states or the District of Columbia. A complete description of the procedures for calls and the reporting of calls shall be included, with measures to include overall numbers of calls, when calls are completed by time-of-day, the numbers of calls that are made to numbers no longer in use, procedures regarding the number of call-backs, procedures regarding messages, whether numbers are mobile or land lines, and how numbers are matched to geographic location.

The proposal shall include information concerning how potential respondents who are non-English speakers or their primary language is not English will be handled, especially Spanish-speaking and hearing-impaired respondents. If accommodations for non-English respondents will be used, the proposal shall provide a comprehensive plan providing details concerning how this will be handled. Information shall include which languages will be addressed, methods used to address this issue, costs associated with the proposed methods, and justifications for choices made, including citations of relevant research and/or experience. If accommodations for non-English respondents will not be used, information concerning the anticipated bias on results should be included in the proposal with relevant research citations. Proxies can be used to interpret for interviewers through respondents. In all cases the language for acquiring the responses must be captured for each response in the data. The 2022 National Survey included options for Spanish-speaking respondents.

The preference for the sampling design is to begin a trend with the 2022 National Survey approach that used a probabilistic panel and address-based non-probability sampling. The proposal shall describe the approach and document how the design is comparable with the 2022 National Survey methodology.

Additional Methodology for More Frequent Estimates of Participation
The proposal shall include 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 RFP, to be evaluated in the selection process for both method and additional cost. Additional opportunities to collect information beyond participation and expenditures are encouraged in proposals, with the understanding that any additional information proposed to be collected must be within the total cost upper limit or presented as additional cost options.

Questionnaires, Question Updates, and Additional Questions for 2027
The proposal shall address the questions included in the 2022 National Survey. Question updates are possible through cognitive testing and the process for testing and refining questions shall be outlined in the proposal. 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 (U.S. Department of the Interior, U.S. Fish and Wildlife Service, 2023). Questionnaires used in the 2022 National Survey are available from the 2022 Project Coordinator, USFWS, at Richard Aiken, richard_aiken@fws.gov

A limited number of additional questions 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, it is desired to incude information on archery participations that includes active and lapsed participants for both hunting and target shooting. This will add an additional table to the data reports.**

As an entirely optional, additional methodology proposal, there is continued interest from some state directors and industry partners for questions about attitudes regarding fishing, hunting, outdoor recreation, and fishing and hunting management activities. A proposal may include the opportunity to include additional questions, either within the total cost limit or as an entirely additional cost proposal, as outlined in an additional budget and price page in Part II of Attachment A. Final questions and wording of additional questions, if selected for implementation, must have the approval of the Technical Workgroup, with consultation from the Project Coordinator.

Survey Bias Considerations

Detailed information on participation and expenditures for respondents 16 years and older should be collected in multiple intervals to limit recall bias. Interviews for the 2022 and 2016 National Surveys were conducted using reference periods of 4-8 months for the same respondents depending on when the individual first indicated participation in a surveyed activity (U.S. Department of Interior, Fish and Wildlife Service and U.S. Department of Commerce, Census Bureau 2018:123). These reference periods were used because it had been determined that a recall bias was substantial when fishing, hunting, and wildlife-watching activities needed to be recalled across a 12-month span (Fisher et al. 1991; Chu et al. 1992). A technical report for the 2022 National Survey describes the timeline and waves of survey efforts used to reduce recall bias.

Proposals shall state the recall period(s) that will be used. A full detailed description of the assumptions, documented research showing effectiveness and efficiencies of these periods using the proposed methodology, and potential impacts on other sources of bias shall be provided. However, if the applicant can provide relevant literature citations showing that their methodology will not be impacted by this recall bias or they wish to propose a procedure for testing if recall bias is relevant for their methodology (which must be described in detail with full explanation of the decision process), then the requirement of multiple intervals of contact with sampling units will be negotiated with the National Survey Technical Workgroup during proposal review.

Proposals shall describe the sources of, and estimate the extent of, anticipated nonresponse bias. Nonresponse to the survey can cause estimates to be biased. This nonresponse bias may be due to individuals not being home, refusing to participate in the survey, or otherwise not being available. Definitions of response rates can be found from the American Association for Public Opinion Research (AAPOR), 2023. The publication is available online at https://aapor.org/wp-content/uploads/2023/05/Standards-Definitions-10th-edition.pdf

For the 2027 National Survey, combined response rates for the activity segments should be as high as possible (AAPOR RR2) combining all phases of the proposed survey into a single response rate (Werner et al. 2007). The applicant must include in their proposal a discussion with expected response rates for their methodology and supporting literature citations. Weighted and unweighted response rates can be included in the proposal, but unweighted response rates must be included. The proposal must provide an explanation as to how they will guard against nonresponse bias, make any adjustments for nonresponse, and any follow-up nonresponse studies. The contractor shall be required to conduct a nonresponse bias analysis and submit it to the Project Coordinator and the National Survey Technical Workgroup. The proposal shall include an explanation of how this nonresponse bias analysis will be conducted including proposed variables that will be used.

Often respondents quit answering questions before they reach the end of the survey. This source of nonresponse can lead to bias in estimates of questions not completed. Many survey organizations classify these incomplete questionnaires into different categories (e.g., partial incompletes, sufficient incompletes, incompletes, non-responses, etc.). The categories are used to prepare estimates based on the number of questions answered. The proposal shall contain discussion as to how these incomplete questionnaires will be classified and used in the estimation process.

If incentives for increasing response rates are to be offered, the proposal shall describe the incentives by listing them as a line-item in the budget, and describing/estimating expected benefits and potential drawbacks of offering incentives, justified using research or past experience. Cash and non-cash incentives can be proposed, as with all other project costs must be approved in the awarded grant agreement. Prize drawings of respondents cannot be used as an incentive.

Another source of nonresponse bias occurs when some respondents begin the interview process but refuse to answer certain specific questions – item nonresponse. Applicants must provide detailed descriptions of their proposed procedures for minimizing incomplete responses to individual questions. Applicants should also provide their best estimates with supporting research or documentation as to how well these procedures work as well as their anticipated impacts on Response Rate 1 and Response Rate 2 (American Association for Public Opinion Research 2023) estimates for all stages and phases of the survey as proposed.

Adjustments for nonresponse can sometimes be made using auxiliary data available for individuals in the sampling frame (Lohr 2010). Any such proposed post-survey adjustment procedures to be used in obtaining estimates shall be described in detail. If this is proposed, the contractor shall be required to provide estimates for review by the Project Coordinator and Technical Workgroup without using the proposed post-survey adjustment procedure.

Even though comparability with National Surveys prior to 2022 is not a requirement of this RFP, methods proposed that could maximize comparability of the key survey variable estimates with previous National Surveys since 1991, including steps taken to minimize all forms of bias, should be explained in detail. It is desired that results can compared with the 2022 National Survey. Relevant research and citations explaining the impact of proposed procedures and methods for achieving this comparability should also be provided including a full description of assumptions being made.

Details concerning data quality and quality control measures shall be provided for evaluation purposes. These details shall include:

- Information about procedures concerning data recording, editing, employee recruitment, and training of interviewers, data cleaners, analysts, and programmers.
- Quality control procedures that will be employed to monitor interviewers shall be provided in detail.
- Quality assurance procedures to be employed for computer program debugging and testing shall be included in the proposal.

- Testing procedures for individual survey questions and the overall survey instrument must be specified in the grant application as well as the proposed means of correcting problem questions and resolving survey instrument issues before the actual survey is administered.
- A detailed description concerning the questionnaire development process and evaluation procedures.
- Methods to be employed to help prevent respondents from telescoping or omitting events shall be outlined.
- Methods for determining outliers, data cleaning approaches, and top-coding approaches shall also be described in detail as well as how continuous variables will be handled during analysis.
- Any potential data smoothing procedures that might be used as a part of the analysis.
- Any proposed testing of survey instruments or incentives concerning impacts on total survey error.

The contractor and Project Coordinators will cooperate and jointly review data quality procedures prior to the implementation of data collection procedures. Data codes and coding standards will be examined and approved by the Project Coordinator prior to data collection.

As a step to further ensure quality control and assessment during this project, the contractor shall allow the Project Coordinator to visit project offices. The contractor will also allow the Project Coordinator to monitor individual surveys, including listening to individual interviews (if conducted by telephone or in-person) and reviewing individual copies of mailed-in or Internet responses.

If there are any other data quality, quality control, or innovative procedures not described herein that would be integral to the proposed methodology to conduct this survey, these procedures shall also be described in detail. This additional information will be used in the evaluation of proposals.

PRODUCTS AND DELIVERABLES

The products and deliverables listed below are all that are required for this project. If an applicant wants to produce additional deliverables or additional products that are requested by the states, those deliverables must be within the contract cost or supported by funds individually contracted by the requesting states with the contractor.

The desired categories of information to be reported are presented in Attachments D and E. The tables in Attachment D are an example of the desired estimates. The tables outlined in Attachment E are examples of reporting requirements related to methodology and approach. The contractor shall outline an approach, including tables in Appendix E and additional tables if necessary, which must be described in the proposal, for reporting standard errors and coefficients of variation 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.

State-level estimates of resident angler participation in freshwater and saltwater fin fishing in the coastal state of their residence are also required. These estimates should not include shellfish fishing only participants, only anglers who pursued fin fish. The example table for these estimates is available in Attachment D (also see Attachment A for required coefficient of variation level of estimates).

In addition to data collection, the contractor shall develop information products as specified; provide the Project Coordinator with data for public distribution and use; and provide technical assistance (i.e., data interpretation and survey procedure details) to the Project Coordinator and Workgroup for a minimum of two years following the completion of reports and publications.

Specific details about each information product are listed below. Proposals shall provide cost estimates for supporting the creation and distribution of each information product. Also, all products shall be considered public domain and cannot be copyrighted or sold for profit. They will also be displayed on the Project Coordinator's website.

National Preliminary Overview: This overview shall contain a tabular summary (tables in Attachment D with accompanying standard errors of estimates as agreed upon with the contractor) of the collected data but will not require the complete analysis and summary included in the final national report (*National Publication*). 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 to the Technical Workgroup members and Project Coordinator for review in a timely fashion to meet project deadlines.

Data: This product shall contain the complete dataset from the national-level survey. The dataset of survey responses shall be delivered in 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 to produce datasets for public use that meet certain disclosure requirements so that an 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 public; 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 shall 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 web site 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, or a more-specific Census level that can be aggregated. 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).

Press Releases, Media Communication, and Presentations must be approved by the Association and Project Coordinator

Press releases, media communication, and research presentations developed by the contractor during or following the 2027 National Survey effort, focused on the survey and/or its results, must be reviewed and approved by the Association of Fish and Wildlife Agencies and the Project Coordinator, which may require communication and possible review by state directors before release.

STATE OPTIONS

The above sections are specific to national-level results for the 2027 National Survey. The cost of these national-level results is all that should be included in the budget information that is covered in Attachments A, B, and C. However, some states may wish to pay to obtain state-level information for all or some of the variables included in the national-level survey effort. This state-level information may cover specific portions of certain tables in Attachment D, it may include new analysis that is included in the national-level questionnaires but not the national report, or it may be new information that one (or more) state(s) wishes to add in a specific questionnaire for their state.

If the proposed methodology for the national-level results is adaptable such that it could provide state-level information, the proposal should include estimated costs for obtaining state-level estimates at several coefficient of variation levels. These costs should not impact the cost estimates for the national-level results as required in the above sections. The options can be stated in terms of cost per additional sampling unit and/or cost per each additional question with restrictions on complexity of question and possible skip patterns for multiple-layered questions. This information will be used by individual state directors to determine if they might wish to explore this opportunity to obtain state-level estimates.

All negotiations concerning state-level estimates will be between the contractor and the state. ***No funding from this grant other than that for the national-level results can be used to support the state-level efforts.*** However, if the state-level sampling design can accommodate an increase in precision for the national-level results,, the contractor should explain in the proposal how the additional sampling units purchased by the state can be used for this purpose. All cost and products delivered for state requested results are between the contractor and the individual state(s).

TIMELINE

Performance Period

Note: All tasks for the 2027 National Survey shall be completed in consultation with the Project Coordinator. Applicants and the Project Coordinator may modify the suggested timeline listed below.

Suggested Timeline:

- Meeting with Project Coordinator and National Survey Technical Workgroup to address questions or issues regarding desired survey outcomes, methodology, sampling procedures, products, questionnaire content, and survey plan refinement (Suggest: February 2025);
- Questionnaire development (Suggest: specifics for development and testing)
- Collaborate with Project Coordinator by providing materials for Office of Management and Budget (OMB) survey review package;
- Selection of sample;
- Operational fielding of survey instrument (Suggest: including specific dates for potential waves of instrument fielding) – January 2027 – January 2028;
- Data editing – January – February 2028;
- Data analysis – March – April 2028;
- National preliminary overview – April 2028;
- National publication – June 2028;
- Public and restricted data availability – August 2028;
- Technical Report(s) – August 2028;
- Technical assistance following release of National publication (Must be two years) – December 2030;

Attachment A (Budget Outline & Price Analysis) also refers to several items in this timeline. Applicants are encouraged to include more specific details and items in their timeline to provide a complete picture of the proposed process.

CONTRACTOR'S QUALIFICATIONS & REFERENCES

1. Overall, the applicant shall demonstrate and provide documentation including:

    1.1 Expertise regarding research design, instrument design, psychometrics, survey statistics, multimodal data collection, data quality and control, and qualitative and quantitative analyses of survey data.

    1.2 Examples of data presentation (peer-reviewed or otherwise), including written reports, layouts, graphic design, and publications

1.3 Successful and reliable experience of past performances, especially those performances of similar scope and size as related to the requirements of this RFP.

1.4 Proof of applicant's experience in the field of social science survey research, demonstrating competency to conduct large-scale, multi-tiered projects of this nature.

1.5 Qualifications of key personnel to be involved as well as any subcontracting firms or combinations thereof, working on this project on a day-to-day basis, including the percentage of each individual's time to be allocated to the project.

1.6 For private sector applicants, proof of financial solvency, including administrative overhead allocations, facility and technology functionality and up-to-date status, showing the company's capacity to undertake such a large-scale project. This proof includes the contractor's Dun & Bradstreet D-U-N-S Number, Federal Employer Identification Number, and either a copy of the contractor's annual Form 1120 (corporate tax return), Schedule L (Balance Sheet) as submitted to the IRS; balance sheets and summary sheets from external audits; or a similar, substantiated balance sheet that accurately reflects the contractor's financial solvency. The contractor should provide this information for the past 5 years (or since inception if firm is younger). Other similar forms of documentation will be accepted for NGOs, universities, and public institutions.

1.7 The applicant's ethics statement or the code of ethics followed when conducting this type of survey.

2. The applicant shall provide the following information related to previous and current contracts, which are considered similar to the requirements of this RFP:

2.1 Project names/titles, dates of performance with a brief, written description of the specific prior services performed and requirements thereof, and contact information for applicable clients (include point-of-contacts' names, job titles, mailing addresses, telephone numbers, and email addresses) from a minimum of 3 past projects should be submitted. Survey study reports, datasets and codebooks (with respondents' personal identification data removed), and other similar products should be submitted.

2.2 The clients from listed contracts may be contacted as part of the proposal evaluation process.

3. Cost Estimates

3.1 The applicant shall provide cost estimates for all requirements and components as set forth in this RFP. All costs must be itemized and shown in detail as described in the example budget outline provided (see Attachment A, Budget Outline & Price Analysis).

3.2 The National Survey Technical Workgroup reserves the right to negotiate with potential vendors for cost adjustments concerning proposed items that might be eliminated from the survey methodology. For example, if the potential vendor proposes a broad spectrum solution at a high cost and the Workgroup wishes to include only a very narrow spectrum solution at lower cost, then through negotiations with the potential vendor costs and specifications could be adjusted (if mutually agreeable) before the proposal is evaluated and scored.

3.3 The applicant should remember that this project will be funded through a federal grant from the USFWS Division of Federal Aid, and all applicable rules for the grant should be reviewed and considered for cost estimates. General information and guidelines for the Multistate Conservation Grant Program can be found at: https://www.fishwildlife.org/afwa-informs/multi-state-conservation-grants-program (Please ignore the "Submission Dates and Times" section of the Full Announcement document and follow those as described in this RFP.)

4. Plan for meeting RFP Requirements, the applicant shall:

4.1 Present a written narrative that demonstrates the method and manner in which the applicant proposes to satisfy the requirements of this RFP. The language of the narrative should be straightforward and limited to facts, solutions to problems, and plans of proposed action.

4.2 Submit or describe the methods of performance by addressing each of the following:

4.2.1 The proposed costs, coefficients of variation, and sample sizes as required in the technical specifications table in Attachment A, Part I.

4.2.2 A description of what will be accomplished and performed as per the requirements of this RFP, including a detailed timeline of events being proposed.

4.2.3 A detailed description of the sampling frames to be used, the probabilistic sampling procedures, any non-probabilistic sampling procedures that might be used, weighting procedures, and analyses to be used, and the survey methodologies (including details about modes of how sampling units will be contacted and selected) to be employed.

4.2.4 The proposed timeline to accomplish each task throughout this effort. Specific attention should be paid to questionnaire development and testing, the data collection events, analyses, and reporting deadlines.

5. Eligibility

5.1 In addition to the eligibility requirements set forth in this RFP, for-profit (commercial) organizations are ineligible to directly receive awards under the

Multistate Conservation Grant Program; however, they may receive grant funds through a third-party not-for-profit organization or entity eligible to receive these funds. The cost principles for commercial organizations set forth in the Federal Acquisition Regulations, 48 CFR Subpart 31.2, will generally be used. Under a Multistate Conservation Grant Program award, no profit or fee will be provided to a for-profit organization, whether as a grantee or as a sub-grantee. A profit or fee is considered to be an amount in excess of actual allowable, allocable, and reasonable direct and indirect costs.

6. Clarification of Requirements

6.1 Any and all questions regarding specification, requirements, competitive procurement process, etc., should be directed to Ms. Silvana Yaroschuk at syaroschuk@fishwildlife.org.

6.2 Questions specific to the RFP and its specifications must be submitted to Ms. Yaroschuk in written form.

6.3 The Association will communicate any corrections, updates, or additions to this RFP as necessary.

6.4 The Association reserves the right to contact any or all applicants to request follow-up information or to re-bid the proposal during the Association's grant review and selection process.

6.5 A definitive agreement to carry-out the terms specified in this RFP will be entered into between the successful applicant (or their designee) and U.S. Fish and Wildlife Service in the form of a Multistate Conservation Grant (MSCG). The MSCG program limits the types of institutions that may receive grants. Because of this, the successful applicant (survey organization) will be required to work with a not-for-profit institution to be determined at a later date to receive the grant (universities are directly eligible). For more information on this, please consult with Silvana Yaroschuk at syaroschuk@fishwildlife.org

PROPOSAL EVALUATION AND SCORING CRITERIA

A team of individuals designated by the Association will evaluate proposals submitted in response to this RFP. The proposal evaluation team has substantial experience in the design and use of social surveys, methods, and statistical procedures. Many on the team have extensive experience with previous National Surveys. The team will evaluate how well each applicant's proposal addresses the required components of this RFP and will score each proposal using a consistent protocol described below.

Scoring Protocol

1. After determining that a proposal satisfies the Requirements stated in this RFP, each proposal will be evaluated and scored by the evaluation team using the following criteria:

    1.1.1 Cost.. 30%
    1.1.2 Experience and Reliability... 20%
    1.1.3 Proposed Method of Performance................................. 50%

    1.2 The Association reserves the right to consider historic information and facts, whether gained from the applicant's quotation, question and answer conferences, references, or any other source, in the evaluation process.

    1.3 The applicant is cautioned that it is the applicant's sole responsibility to submit information related to the evaluation categories and that the Association is under no obligation to solicit such information if it is not included with the applicant's quotation. Failure of the applicant to submit such information may cause an adverse impact on the evaluation of the applicant's quotation.

    1.4 The proposal evaluation team reserves the right to contact any or all applicants with questions to clarify information in specific or all proposals.

    1.5 The proposal evaluation team reserves the right to invite selected applicants to make proposal presentations to the team and answer team's questions before final scoring of proposals. Selection for this proposal review will not indicate preferences or proposal rankings in the review process. Applicants should reserve time to be invited sometime during August 7, 2024 to make up to a 30-minute presentation followed immediately by a question-and-answer session with the proposal evaluation team. Invitations for these reviews will be distributed after August 1, 2024. The Technical Workgroup will be meeting in Denver, CO.

2. The scoring of each grant proposal along with the recommendations provided by the proposal evaluation team will be utilized by the state directors in their process of selecting priority projects to recommend for funding by the USFWS under the Multi-State Conservation Grant Program.

SATISFACTION OF PERFORMANCE

As required by Circular No. A-110, Rev., Sec._.48(a), the definitive agreement with the successful applicant shall contain contractual provisions or conditions that allow for administrative, contractual, or legal remedies in instances in which the contractor violates or breaches contract terms and shall provide for appropriate remedial actions.

SUBMITTAL OF GRANT PROPOSAL

1. Format: Applicants should use the general format as outlined in Attachments A, B, C, D, and E, as well as the explicit requirements specified in this RFP and the attached forms for the MSCGP Full Grant Proposal.

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 202-838-3467 or via email (syaroschuk@fishwildlife.org).

3. Deadlines: Proposals and the required forms for the MSCGP **must be received no later than August 1, 2024**.

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

July	Announcement of Request 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.

5. 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 of Fish and Wildlife Agencies formally submits the National Grants Committee's recommendations to the Director of the US Fish and Wildlife Service for grant funding.

   The organization should be available to make a presentation to the Technical Workgroup on August 7, 2024. The Technical Workgroup will be meeting in Denver, CO. If necessary, a video conference through Teams or other virtual technology can be arranged during this same time period with the Technical Workgroup.

6. Any additional reference materials, examples of previous work, or supplementary information to the proposal should be submitted, preferably electronically, via e-mail to Silvana Yaroschuk at syaroschuk@fishwildlife.org, or by mail to the address above. Fifteen (15) copies are requested, if mailed in hardcopy form.

LITERATURE CITED

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ATTACHMENT A

BUDGET OUTLINE & PRICE ANALYSIS

PART I. Please complete the table below with your expected sample sizes for each option and corresponding expected CV.

CV Option	Total Dollars	Expected CV (%) for Number of Active Hunters[1]	Expected Total Sample Size based on CV	Expected CV (%) for Number of Active Anglers[1]	Expected Total Sample Size based on CV	Expected CV (%) for Number of Active Wildlife Watchers[1]	Expected Total Sample Size based on CV
I		2		2		2	
II		3		3		3	
III		5		5		5	
IV		7		7		7	
V		2		2		2	
VI		3		3		3	
VII		5		5		5	
VIII		7		7		7	

CV Option (Continued)	Expected CV (%) for Number of Active Hunters, Anglers, and Wildlife Watchers, Ages 6-15[2]	Expected Total Sample Size based on CV	Expected CV (%) for Number of Active Resident Freshwater or Saltwater Anglers in each of their residence coastal state (23 states)[3]	Expected Total Sample Size based on CV
I	2		9	
II	3		9	
III	5		9	
IV	7		9	
V	2		5	
VI	3		5	
VII	5		5	
VIII	7		5	

Part I. Coefficients of Variation to be used when developing sample sizes and cost estimates, and expected coefficient of variations and sample sizes based on a total cost for the proposed survey.

[1] Participants include individuals ages 16 and older.

[2] Individual estimates are needed for anglers, hunters and wildlife-watchers.

[3] Estimates are need for resident state anglers of fin fish by freshwater and by saltwater for the fishing activity within their state of residence by each coastal state.

See next page for Part II.

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

CV Option:___________

YEAR	2025	2026	2027	2028	2029	Total Cost
EXPENSES:						
Professional Personnel						
Support Personnel						
Fringe (_____%)						
Travel						
Supplies:						
-List:						
-List:						
	Please attach additional descriptions if necessary.					
Equipment						
Contracts						
Questionnaire Development						
-Testing						
Data Collection: (interview costs, etc.)						
-Language translation costs						
-Incentives						
-Other (list):						
-Other (list):						
Report Production:						
-National preliminary overview						
-National report						
-Data						
-Technical report						
-Electronic copies of each report and publication						
-Other production expenses						
Technical assistance (list):						
	Please check here if this cost is included in the labor categories above: ___ Yes ___ No					
Other Expenses (list):						
-Other:						
-Other:						
-Other:						
	Please attach additional sheets, if necessary.					
Total Cost:						

Optional: (not required) for Increased Frequency of Participation Estimates for Fishing, Hunting, and Wildlife-Watching

YEAR	2025	2026	2027	2028	2029	Total Cost
EXPENSES:						
Professional Personnel						
Support Personnel						
Fringe (_____%)						
Travel						
Supplies:						
-List:						
-List:						
	Please attach additional descriptions if necessary.					
Equipment						
Contracts						
Questionnaire Development						
-Testing						
Data Collection: (interview costs, etc.)						
-Language translation costs						
-Incentives						
-Other (list):						
-Other (list):						
Report Production:						
-National preliminary overview						
-National report						
-Data						
-Technical report						
-Electronic copies of each report and publication						
-Other production expenses						
Technical assistance (list):						
	Please check here if this cost is included in the labor categories above: ___ Yes ___ No					
Other Expenses (list):						
-Other:						
-Other:						
-Other:						
	Please attach additional sheets, if necessary.					
Total Cost:						

Optional: (not required) for Additional Questions or Survey Topics

YEAR	2025	2026	2027	2028	2029	Total Cost
EXPENSES:						
Professional Personnel						
Support Personnel						
Fringe (_____%)						
Travel						
Supplies:						
-List:						
-List:						
	Please attach additional descriptions if necessary.					
Equipment						
Contracts						
Questionnaire Development						
-Testing						
Data Collection: (interview costs, etc.)						
-Language translation costs						
-Incentives						
-Other (list):						
-Other (list):						
Report Production:						
-National preliminary overview						
-National report						
-Data						
-Technical report						
-Electronic copies of each report and publication						
-Other production expenses						
Technical assistance (list):						
	Please check here if this cost is included in the labor categories above: ___ Yes ___ No					
Other Expenses (list):						
-Other:						
-Other:						
-Other:						
	Please attach additional sheets, if necessary.					
Total Cost:						

ATTACHMENT B

Multistate Conservation Grant Proposals (MSCGP)

Template 2 2025 MSCGP Budget Narrative and Budget Table

and

Template 1 2025 MSCGP Full Grant Proposal

ATTACHMENT C

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
8. Description of Optional Approach (not required), for Increased Frequency of Estimates for Participation
9. Description of Optional Approach (not required), for Additional Questions or Survey Topics

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 coordinator
   c. Survey timeframe
   d. Geographic coverage and questionnaire content
   e. Population coverage
   f. Survey sampling design, modes, and procedures
   g. Questionnaires development and testing
   h. Additional methodology for more frequent estimates of participation
   i. Additional methodology for additional questions and survey topics
   j. Survey bias approach, including recall issues, response rates, and nonresponse
   k. Use of incentives
   l. Data quality and quality control procedures
   m. Products and deliverables
   n. State options
   o. Timeline of events
8. Qualifications, Prior Work, Experience, Reliability, Contractors, and References
9. Cost Proposal and Budget, including estimates for coefficients of variation and sample sizes (See Attachment A for tables)
10. Organization Overview

ATTACHMENT D

TABLES OF ESTIMATES FOR THE 2027 NATIONAL SURVEY RESULTS

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 Equipment[2]	--	--	--	--	--
Auxiliary Equipment[3]	--	--	--	--	--
Special Equipment[4]	--	--	--	--	--
Other Expenditures[5]	--	--	--	--	--

[1]Average expenditures are annual estimates.

[2] Fishing 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..

[3]Auxiliary equipment includes camping equipment, binoculars, field glasses, telescopes, special fishing clothing, rubber boots, waders, foul weather gear, processing and taxidermy costs, and other equipment.

[4]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.

[5]Other 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 Equipment[2]	--	--	--	--	--
Auxiliary Equipment[3]	--	--	--	--	--
Special Equipment[4]	--	--	--	--	--
Other Expenditures[5]	--	--	--	--	--

[1]Average expenditures are annual estimates.

[2] Hunting 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.

[3] Auxiliary equipment includes camping equipment, binoculars, field glasses, telescopes, special hunting clothing, rubber boots, waders, foul weather gear, processing and taxidermy costs, and other equipment.

[4]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.

[5] Other 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 Equipment[2]	--	--	--	--
Auxiliary Equipment[3]	--	--	--	--
Special Equipment[4]	--	--	--	--
Other Expenditures[5]	--	--	--	--

[1]Average expenditures are annual estimates.

[2] Wildlife-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.

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

[4]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.

[5] Other 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	--	--	--	--	--	--	--	--

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 20(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: 202X[1]

(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.

[1]This does not include shooting activities related to hunting.

Table I-2. Participants using a Motorized Boat[1] 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.

[1]Motorized 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 Fishing[1]: 2027

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

State	Number of Freshwater Participants	Number of Saltwater Participants
Total, for State of Residence[2]	--	--
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.

[1]Estimate 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.

[2]Total 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 E

ADDITIONAL TABLES 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.