



**NOAA
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Office of Science
and Technology

Marine
Recreational
Information
Program

MRIP Data User Seminar: MRIP Query Tool

January 25, 2022

Lucas Johansen

Seminar Series

- [Introduction to MRIP Data](#) (Oct. 26, 2021)
- [Statistical Methods and Procedures](#) (Nov. 30, 2021)
- [MRIP Query Tool](#) (Jan. 25, 2022)
- [Custom Domain Analyses](#) (Part One: Feb. 22, 2022) (Part Two: March 31, 2022)
- Using Fishing Effort Survey Data (Date and Event Link TBD)
- Using Large Pelagics Survey Data (Date and Event Link TBD)

Download the [MRIP Data User Handbook](#) for detailed information about downloading, exporting, querying, and performing custom analyses of our recreational fishing data.



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Overview

MRIP Recreational Fisheries Statistics Queries

- Available Data & Estimates
 - Data Additions & Updates
- Types of Queries
- Impact of Recreational Fishing Survey & Data Standards
- Live Examples



Available Data & Estimates



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1981

1986

1991

1996

2001

2006

2011

2016

Present

1981-Present: MRIP Estimates for Maine-Mississippi

1981-2013: MRIP Estimates for Louisiana

2014-Present: LDWF
Estimates for Louisiana

1981-1982: MRIP Estimates for Texas | 1983-Present: TPWD Estimates for Texas

1981-2003: MRIP Estimates for Washington, Oregon, and California

2004-Present: Pacific RecFIN Estimates for
Washington, Oregon, and California

1996-Present: AKDFG Estimates for Alaska

2000-2017 W4: MRIP Estimates for Puerto Rico

2003-Present: MRIP Estimates for Hawaii

1999-Present: HMS Catch Card Estimates for MD and NC

2002-Present: MRIP-LPS Estimates for Maine-Virginia

MRIP Query Tool: Available Estimates



General MRIP Queries



National Summary Query



LPS/HMS Queries

Data Additions & Updates



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Current Publication Schedule

General Surveys

| | |
|-------------------------------------|---|
| Preliminary microdata and estimates | Approx. 45 days after the end of each two-month sampling period |
| Final microdata and estimates | On or around April 15 of the following year |

Large Pelagic Survey

| | |
|-------------------------------------|--|
| Preliminary microdata and estimates | Approx. two months after the end of each one-month sampling period |
| Final microdata and estimates | April of the following year |

- [Custom Domain Analyses](#) (Feb. 22, 2022)
- [Using Fishing Effort Survey Data](#) (Date and Event Link TBD)
- [Using Large Pelagics Survey Data](#) (Date and Event Link TBD)

Recent Updates

For a full list of updates, please see our [Estimate Updates](#) page.

December 16, 2021

The following estimates from the Marine Recreational Information Program are now available for the Atlantic and Gulf Coasts and Hawaii:

- Preliminary Wave 5, 2021 Catch and Effort estimates
- Updated Preliminary Wave 4, 2021 Catch and Effort estimates

While Access Point Angler Intercept Survey (APAIS) sampling has largely resumed following COVID-19 pandemic disruptions, suspensions in headboat sampling continued into 2021. NOAA Fisheries was able to fill gaps in 2021 headboat catch data with data collected in 2018 and 2019. These imputed data—also known as proxy, or replacement, data—match the time, place, and fishing mode combinations that would have been sampled had the APAIS continued uninterrupted. Imputed data were combined with observed data to

[Goto Query](#)

National Summary Query

[Goto Query](#)

Download Query

[Goto Query](#)

Custom Requests

[Data Request](#)

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Recreational Fisheries Statistics Queries Page



Recreational Fishing Estimate Updates

The Marine Recreational Information Program publishes survey data and preliminary estimates approximately 45 days after the end of each sampling wave. Final estimates are published by April 15 of the following year.

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[Timeline of Data Additions and Updates](#)

[More Information](#)

Timeline of Data Additions and Updates

To receive notification of updates to MRIP data, estimates, and queries, please [subscribe to our email service](#).

All estimates are subject to change. To learn more, please visit [Limitations of the Data](#).

| Date | Content | Status | Description |
|------------|--------------------------|--------------|--|
| 12/16/2021 | Preliminary Wave 5, 2021 | Initial Post | <p>All estimates and survey data posted.</p> <p>While Access Point Angler Intercept Survey (APAIS) sampling has largely resumed following COVID-19 pandemic disruptions, suspensions in headboat sampling continued into 2021. NOAA Fisheries was able to fill gaps in 2021 headboat catch data with data collected in 2018 and 2019. These imputed data—also known as proxy, or replacement, data—match the time, place, and fishing mode combinations that would have been sampled had the APAIS continued uninterrupted. Imputed data were combined with observed data to produce catch estimates using our standard estimation methodology. To ensure imputed data</p> |

Estimate Updates Page



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MRIP Email Notification Subscription Form

Please enter your email address below and select at least one of the information options
When you are finished, please click on the 'Subscribe' button at the bottom of the form
You will receive all future notice/update emails regarding only the option(s) you have selected

**** Please add squid.noreply@noaa.gov to your address book or list of contacts so that our emails go to your inbox. ****

| | |
|---|---|
| Enter e-mail address: | <input type="text"/> |
| Confirm e-mail address: | <input type="text"/> |
| INFORMATION OPTIONS *You must select at least one of the following options to receive email notices | |
| <input type="checkbox"/> MRIP Estimates | Receive notices and updates on MRIP catch, effort, and participation estimates (PRELIMINARY and FINAL) |
| <input type="checkbox"/> MRIP Public-use Datasets | Receive notices and updates on MRIP public-use survey datasets (trip,catch,size) |
| <input type="checkbox"/> MRIP Webqueries and Domain Estimation Programs | Receive news on the webqueries and template SAS programs for custom domain estimation |
| <input type="checkbox"/> LPS Estimates | Receive notices and updates on LPS catch and effort estimates |
| <input type="checkbox"/> MRIP Newscast | Receive MRIP highlights on various aspects of recreational fisheries data collection, survey design, and key efforts pertaining to ensuring sustainable management of the Nation's fisheries. |

Subscription Email Notifications



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Types of Queries



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Recreational Fisheries Statistics Queries

Guidance for Data Users

Fisheries analysts and stock assessors are encouraged to download the [MRIP Data User Handbook](#) for detailed information about downloading, exporting, querying, and performing custom analyses of our recreational fishing data. In addition, the **2021-2022 MRIP Data User Seminar Series** addresses best practices for accessing, analyzing, and using recreational fishing data. Register for and/or watch recordings of these training sessions using the links below:

- [Introduction to MRIP Data](#) (Oct. 26, 2021)
- [Statistical Methods and Procedures](#) (Nov. 30, 2021)
- [MRIP Query Tool](#) (Jan. 25, 2022)
- [Custom Domain Analyses](#) (Feb. 22, 2022)
- [Using Fishing Effort Survey Data](#) (Date and Event Link TBD)
- [Using Large Pelagics Survey Data](#) (Date and Event Link TBD)

Recent Updates

For a full list of updates, please see our [Estimate Updates](#) page.

Catch Data

Select a Catch Query

[Goto Query](#)

Effort Data

Select an Effort Query

[Goto Query](#)

Participation Data

Select a Participation Query

[Goto Query](#)

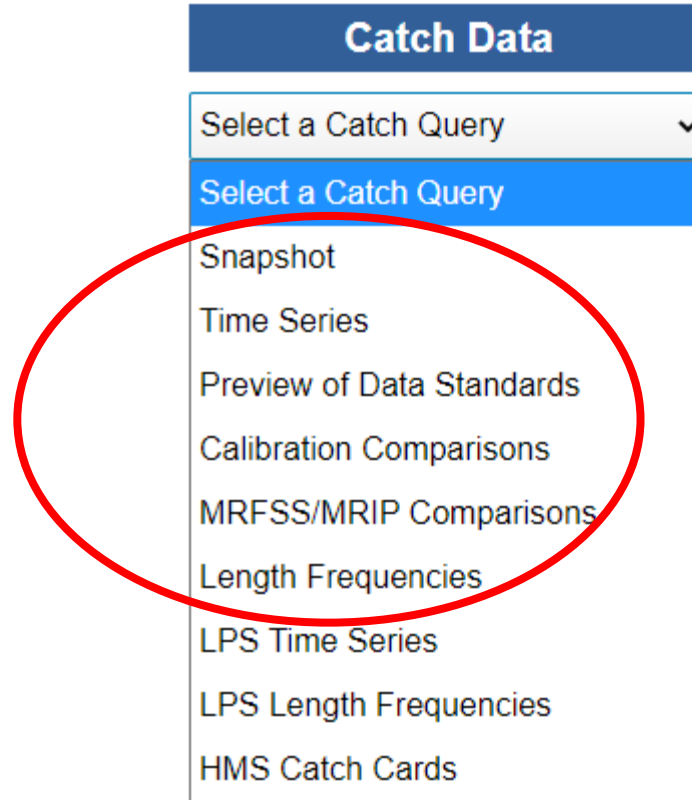
National Summary Query

[Goto Query](#)**NOAA
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Catch Queries

General Surveys

- Snapshot
- Time Series
- Preview of Data Standards
- Calibration Comparisons
- MRFSS/MRIP Comparisons
- Length Frequencies



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Catch Queries

Large Pelagic Survey

- Time Series
- Length Frequencies

Highly Migratory Species

- Catch Cards

Catch Data

Select a Catch Query ▾

Select a Catch Query

Snapshot

Time Series

Preview of Data Standards

Calibration Comparisons

MRFSS/MRIP Comparisons

Length Frequencies

LPS Time Series

LPS Length Frequencies

HMS Catch Cards



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Effort Queries

General Surveys

- Time Series
- Preview of Data Standards
- Directed Trip
- Calibration Comparisons
- MRFSS/MRIP Comparisons

Large Pelagic Survey

- Time Series

Effort Data

Select an Effort Query ▼

Select an Effort Query

Time Series

Preview of Data Standards

Directed Trip

Calibration Comparisons

MRFSS/MRIP Comparisons

LPS Time Series

Other Queries

- Participation Time Series
- National Summary Query
- Download Query
- Custom Data Request

Participation Data

Select a Participation Query ▾

Goto Query

National Summary Query

Goto Query

Download Query

Goto Query

Custom Requests

Data Request

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Recreational Fishing Data Glossary

The terms used in the Marine Recreational Information Program's query tool are defined below.

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- Calibrated Estimates
- Confidence Interval
- Directed Trip Species Options
- Fishing Area
- Geographical Area
- Length Distribution
- Participation
- Percent Standard Error (PSE)
- Sample Coverage
- Species

Calibrated Estimates

The **BASE** series contains estimates that were available between 1981 and 2017, before the application of two [calibrations](#) to support the modified Access Point Angler Intercept Survey and new Fishing Effort Survey.

- BASE estimates from 1981 to 2003 were derived from the Marine Recreational Fisheries Statistics Survey (MRFSS).
- BASE estimates from 2004 to 2012 were derived from MRFSS intercept data, but produced using the Marine Recreational Information Program's weighted estimation methodology.
- BASE estimates from 2013 to 2017 were derived from APAIS data and produced using MRIP's weighted estimation methodology.

The **ACAL** series contains estimates resulting from the application of the APAIS calibration to data collected before the 2013 APAIS design change. This calibration applies to estimates between 1981 and 2012, and accounts for the 2013 design change (for all years prior to 2013) and the MRIP weighted estimation methodology (for all years prior to 2004). The ACAL series was produced, in part, to illustrate

[Visit the Data Glossary](#)



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Impact of Recreational Fisheries Survey & Data Standards



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Why were the standards developed?

Promote **data quality, consistency, and comparability** across state, regional, and federal recreational fishing surveys.

Will further ensure:

- The **integrity of our data collection efforts;**
- The **quality of our recreational fisheries statistics;** and
- The **strength of our science-based management decisions.**

How will the standards impact queries?

- Wave estimates will be replaced with cumulative estimates.
- Estimates with PSEs over 50% will not be published.

These changes will take place in
APRIL 2023.



For more information about the standards:

fisheries.noaa.gov/recreational-fishing-data/recreational-fishing-survey-and-data-standards

fisheries.noaa.gov/recreational-fishing-data/frequent-questions-recreational-fishing-survey-and-data-standards



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Live Examples

[MRIP Recreational Fisheries Statistics Queries](#)



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