



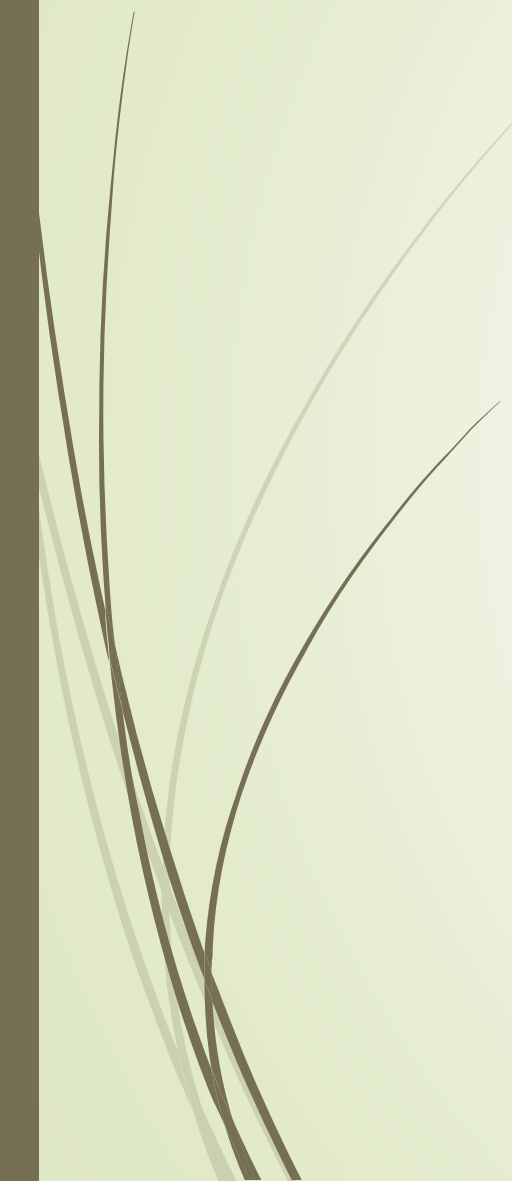
# 2023 Census of Aquaculture

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# Agenda

- Welcome
  - History
  - Background
  - Data Collection
  - Key Info and dates
  - Questions
- 



# History

- The first was conducted in 1998, then 2005, 2013 and most recently 2018. Limited aquaculture statistics from the Census of Agriculture have been published since 1974.
- Mississippi #1 Aqua sales in 2018: \$216 million
  - Louisiana #3
  - Arkansas #10
- Largest sales increase from 2013 to 2018
  - Sportfish +65%
- Biggest drop in sales from 2013 to 2018
  - Food fish -2%



# Background




- Census of Aquaculture is a follow-on to the 2022 Census of Ag
- Mandatory under same authority as the Census of Ag
- Producers provide information on topics such as:
  - aquaculture production methods, surface water acres and sources, production, sales, and point of the first sale outlets, and aquaculture distributed for restoration, conservation, enhancement, or recreational purposes
- Aquaculture is defined as the farming of aquatic organisms, including:
  - baitfish, crustaceans, food fish, mollusks, ornamental fish, sport and game fish, and other aquaculture products (alligators, turtles, etc)




# Data Collection

Project code 658

# Instruction Sheet & Questionnaire



**INSTRUCTION SHEET**  
**2023 CENSUS OF AQUACULTURE**



**Completing the 2023 Census of Aquaculture Census form**

Make all entries clear and easy to read. Use a **blue** or **black** ball point pen.

**General**  
Refer to the instructions below for completing your 2023 Census of Aquaculture form. The enclosed census form was mailed to aquaculture producers throughout the United States. Because it is meant for use in all parts of the country, it may contain items and inquiries which do not apply to your operation. In this case, mark the "No" or "None" box and continue to the next item or section. If you did not produce aquaculture products of any kind in 2023, please see the instructions in Section 1 on this page.

**Partial Year Operation**  
If you stopped producing aquaculture products at any time during 2023, complete the census form for the portion of 2023 that you did produce. Write "Stopped producing in 2023" and the date you stopped producing below the address area. Mail the completed census form in the return envelope.

**If You Receive More Than One Census Form for the Same Operation**  
Return any duplicate census forms in the same envelope with your completed census form(s). In the address area of the census form(s) you complete, write the 11-digit ID number from the label of the extra census form(s).

**Partnership Operations**  
Complete only ONE census form for a partnership operation and include all partners' shares on the same census form. If two or more census forms are

**Instructions by Section**

**Section 1 – Aquaculture Production Screening**  
This section determines whether or not your operation is within the scope of this census.

**Item 1** – Report whether you produced and/or raised any aquaculture or aquaculture products of any kind in 2023. Aquaculture products include fish of any kind, (i.e., catfish, trout, food or sport fish, perch, baitfish, minnows, etc.), crawfish, shellfish, mollusks, crustaceans, clams, oysters, soft-shell crabs, egg production, ornamentals, koi, seahorses, turtles, algae, alligators, frogs, live rock, and any other aquaculture products. If you did not produce any aquaculture products of any kind in 2023, please mark "No" and continue to Section 13 on the back page of the form and complete the remainder of the census form.

**Section 2 – Sources of Water**  
This section determines sources of water that this operation used for its aquaculture production in 2023.

Check the appropriate non-saltwater option to report freshwater converted to saltwater by adding chemicals.

**Section 3 – Methods of Production**

**Items 1 and 2** – Report the freshwater and saltwater acres or surface area owned, rented, or used for aquaculture production in 2023 by the respondent, spouse, partnership, corporation, or organization identified on the questionnaire. All responses in this section should be rounded to tenths of acres **OR** reported in square feet of surface area.



**Please Return Promptly - Due January 15, 2024**

OMB No. 0535-0237 Approval Expires 08/31/2026

The information you provide will be used for statistical purposes only. Your response will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: [www.nass.usda.gov/confidentiality](http://www.nass.usda.gov/confidentiality). Response to this survey is required by law under Title 7 USC 2204(g) Public Law 105-113.

**2023 CENSUS OF AQUACULTURE**

**23-AQ100**  
(09/13/2023)

**National Agricultural Statistics Service**

Please return your completed report to:

Census of Aquaculture  
1201 East 10th Street  
Jeffersonville, IN 47132

Please make corrections to name, address and ZIP code if necessary.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0535-0237. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Everyone who receives a form must return one by mail or via the Internet at

[www.agcounts.usda.gov](http://www.agcounts.usda.gov)

**Your report is due by January 15, 2024.**

Questions? Call us toll free at 1-888-4AG-STAT (1-888-424-7828)

**SECTION 1: AQUACULTURE PRODUCTION SCREENING**

Data to be entered into CAPI



# Questionnaire Update/Improvements


- ▶ **Artificial saltwater** is water converted to saltwater by adding chemicals.
  - ▶ In Section 2, report the SOURCE of the water (Groundwater/well water, On-farm surface water, or Off-farm water). Do NOT select Saltwater in Section 2.
  - ▶ In Section 3, report artificial saltwater as saltwater acres/surface area square feet in Item 2.
- ▶ **Point of First Sale Outlet**
  - ▶ In Section 4, question 8 only pertains to question 7a. thru 7d.
  - ▶ Same thing with trout in Section 5, question 3 only pertains to questions 2a thru 2c.
- ▶ **Exclude Statements**
  - ▶ Section 5, 6, 7, 8, 9, and 10, Question 1. Updated exclude statements to be more concise.
- ▶ **Oysters**
  - ▶ Section 8 replaces Code 12 Oysters, Eastern with Code 12 Oysters, Eastern/Gulf Coast



# Questionnaire Overview

-Follow along-



- 
- **Screener:** *Produce and/or raise!* Exclude wild caught!
  - **Section 2:** Sources of Water. Check all that apply
  - **Section 3:** Methods of Production. Acres to tenths OR surface sq ft.
    - Crawfish can go in Ponds or Cropland (rice).
    - Cages are NOT crawfish traps! Farmers often call crawfish traps 'cages'.
    - Mollusks are oysters
  - **Section 4:** Catfish. Same as bi-annual
    - Acres, inventory, sales, point of first sale outlet.
  - **Section 5:** Trout. Similar to catfish
  - **Section 6:** Food and/or Sport Fish. Complete all columns. Column 1 'codes' located at bottom of page.
  - **Section 7:** Baitfish. Like Section 6, complete all columns.
  - **Section 8:** Crustaceans and Mollusks. Like Section 6, column 1 codes are at the bottom of the page.
  - **Section 9:** Ornamental fish. Again, codes at bottom of page
  - **Section 10:** Miscellaneous Aqua. Complete all columns.
  - **Section 11:** Sales outlet by species. Each column should add to 100%
  - **Section 12:** Aqua distributed NOT SOLD
  - **Section 13 & 14:** Basic conclusion information



# Key Information and Dates

## ➤ **Sampling Population**

- • \$1000 or more of agriculture products produced or sold during the 2022 ag census year (farm in CoAg)
- • \$1 or more of aquaculture products produced and either sold or distributed during the ag census year

## ➤ **Publication Population**

- Operations with aquaculture product sales greater than or equal to \$1,000 or with an estimated value of aquaculture products produced or distributed of \$1,000 or more.
- Like COA, we do have *MUST* records that we will be pushing since they *HAVE* to be completed or manually estimated.  
Possible PE; budget.

# Key Information and Dates – continued

- Questionnaires were mailed **Dec 18**. Three follow-up reminders will be mailed.
- Calling from the DCC and the field will begin **Dec 26**.
- Focus will be on Catfish first, then later on, Trout, then finally, all other Aqua.
- **Catfish Records will be due Jan 9<sup>th</sup>**
- **Heavy aqua data collection will be mid February.**
- Clean date for 2023 Census of Aquaculture is *April 30, 2024*.
- Results/Data Release will be Dec 16, 2024



# Key Information and Dates – continued

- ▶ 2 HOURS study time for enumerators
  - ▶ Poids for training will be in CAPI training
  - ▶ Slides, questionnaire, IM on NASDA/Delta website
  - ▶ More time on case-by-case basis
- ▶ Project code 658



Questions?