

NASS Survey Training

Trout Production Survey - January 1, 2023 (TROUT PDI)



**United States Department of Agriculture
National Agricultural Statistics Service**



Workforce Performance and Staff Development Section
December 2022



Who uses the Data?

- **Government agencies:** To determine sustainability, size, and structure of the industry for planning, policy-making, research and market analysis.
- **Growers:** Decisions about the future of their operations (expand/reduce production or compare production volumes/pricing points with state and U.S. averages).
- **Businesses/Suppliers:** Determine location of facilities for producers, plan for production/marketing of new products.
- **Extension/University:** Research needs and justify research funding and programs for new or improved production methods.

General Survey Information

- Project Code: **170 - Aquaculture Survey**
- Questionnaires:
 - Mailed out December 19
 - Web reporting available
- Release:
 - *Trout Production*, February 27, 3:00 ET



Trout Interviewer's Manual

- Chapter 1 - General Information
- Chapter 2 - Terms and Definitions
- Chapter 3 - Survey Procedures
- Chapter 4 - Screening
- Chapter 5 - Completing the questionnaire
 - Some good clarifying information for questions
- Appendix 1 - Trout Length/Weight Table

Definitions

- **12” or longer trout:** Grown commercially for food, usually weighing $\frac{3}{4}$ - $1\frac{1}{2}$ pounds.
- **6” – 12” trout:** Usually stockers weighing less than $\frac{3}{4}$ pound. Can be sold as foodsize.
- **Eggs:** Taken from female broodfish for production purposes.



Trout Species



Broodfish with Eggs



Trout Hatchery

Survey Questions: Identification

1. Any water area used to raise trout/trout eggs in 2022?
 - YES: Survey
 - NO: next screening/identification question
2. Any hatchery inventory or trout production on the operation during 2022?
 - YES: Survey
 - NO: next screening/identification question
3. Any trout sold during 2022?
 - YES: Survey
 - NO: next screening/identification question
4. Distribute trout/trout eggs for restoration, conservation, or recreational purposes during 2022?
 - YES: Survey
 - NO: next screening/identification question
5. Any trout on the operation in the future?
 - Has operation been sold, rented or turned over to someone else?

Survey Questions: 2022 Sales

- Total number: 12 inches or longer sold
 - Total live weight
 - Total sales (live weight price)
- Total number: 6 inches to less than 12 inches sold
 - Total live weight
 - Total sales (live weight price)
- Total number: 1 inch to less than 6 inches sold
 - Total live weight
 - Total sales (live weight price)
- Total number: trout eggs
 - Total sales



Feeding Trout



Harvesting Trout



Trout Eggs



12" or Longer Trout

Survey Questions: 2022 Sales

- Percent of Sales by outlet (Point of 1st sale)
 - *Only* for sales of trout **6-12 inches** and **12 inches or longer**.
- Point of first sale to:
 - Processors
 - Retail Outlets
 - Recreational Stocking
 - Government Agencies
 - Other Outlets (Specify)
 - Live Haulers/Brokers
 - Direct to Consumers
 - Wholesale to Other Producers
 - Exports

Survey Questions: Losses

- Total number and total pounds for trout lost during 2022 due to:
 - Disease
 - Theft/Vandalism
 - Chemical Contamination
 - Drought
 - Flood
 - Predators
 - Other Causes (Specify)



Survey Questions: Trout Distributed

- **NOTE:** Section 4 *only* applies to fish/eggs distributed (not sold) for restoration, conservation, or recreational purposes.
- Quantity, total pounds, and estimated total value distributed of:
 - 12 inches or longer
 - 6 to less than 12 inches long
 - 1 inch to less than 6 inches long
 - Trout eggs



Trout Production (2021 Data)

- Trout Total Value of sales:
 - \$97,300,000 (1% increase from 2020)
 - Idaho accounted for 39% of total value of sales
- Average Prices:
 - 12" and longer trout: \$2.01 per pound
 - 67.3% sold to processors
 - 6"-12" trout: \$4.30 per pound
 - 52.4% of sales were for recreational stocking
 - 1"-6" trout: \$241 per 1,000 fish
- Trout Losses: 54% of all losses are due to disease

Things to Remember

- Almost all of New Mexico trout production consists of State run hatcheries that raise trout for stocking of local rivers and lakes
 - No Sales



Things to Watch Out For:

- Percentages of “Sales By Outlet” should equal 100% of total sales.
- Sales should be the “Live Weight Price” received.
 - Cleaning charges should be excluded.
- Watch out for high or low prices per pound compared to other operations.
- Leave notes explaining any high amounts of fish lost.

Conclusion

- Please leave plenty of notes explaining anything you think the statisticians may need to know.
- Be sure to go through the survey questions on your iPad before interviewing.
- Call your supervisor or Regional Field Office if you have any questions

