



Turkeys Raised

ISSN: 1949-1972

Released September 27, 2023, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

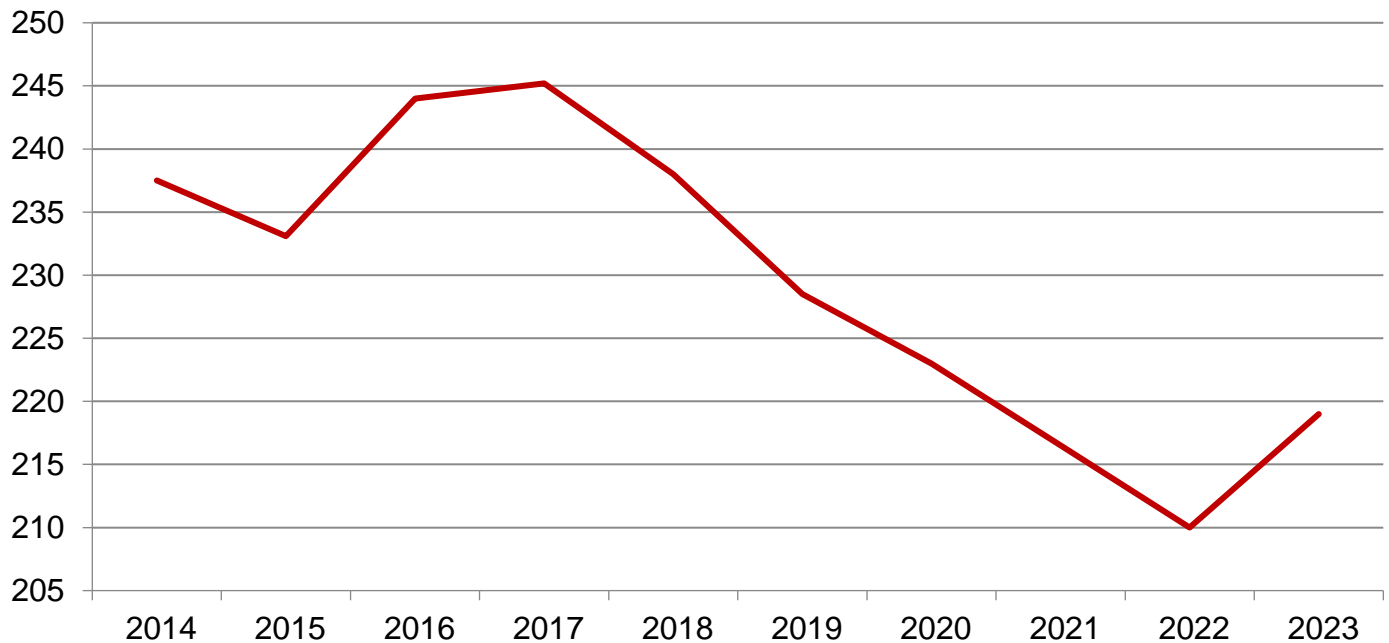
Turkeys Raised Up 4 Percent from 2022

Turkeys Raised in the United States during 2023 is forecasted at 219 million, up 4 percent from the number raised during 2022.

The top six states account for 68 percent of the turkeys produced in the United States during 2023. The largest turkey producing state is Minnesota, at 39.0 million turkeys, up 5 percent from the previous year. North Carolina produced 29.0 million turkeys, up 4 percent from a year ago. Arkansas produced 27.5 million turkeys, up 6 percent from last year. Indiana produced 20.0 million turkeys, unchanged from last year. Missouri produced 18.0 million turkeys, up 6 percent from last year. Virginia is up 1 percent from the previous year at 15.4 million turkeys.

Turkeys Raised – United States

Million head



Turkeys Raised – States and United States: 2022 and 2023

| State | Turkeys raised | | 2023 as percent of 2022 |
|---------------------------------|----------------|--------------|-------------------------|
| | 2022 | 2023 | |
| | (1,000 head) | (1,000 head) | (percent) |
| Arkansas | 26,000 | 27,500 | 106 |
| California | 6,200 | 6,800 | 110 |
| Indiana | 20,000 | 20,000 | 100 |
| Iowa | 11,700 | 11,500 | 98 |
| Michigan | 5,200 | 5,300 | 102 |
| Minnesota | 37,000 | 39,000 | 105 |
| Missouri | 17,000 | 18,000 | 106 |
| North Carolina | 28,000 | 29,000 | 104 |
| Ohio | 6,100 | 6,500 | 107 |
| Pennsylvania | 7,700 | 8,000 | 104 |
| South Dakota | 2,500 | 3,000 | 120 |
| Virginia | 15,300 | 15,400 | 101 |
| West Virginia | 3,700 | 4,000 | 108 |
| Other States ¹ | 23,600 | 25,000 | 106 |
| United States | 210,000 | 219,000 | 104 |

¹ Includes State estimates not shown and States withheld to avoid disclosing data for individual operations.

Statistical Methodology

Survey Procedures: Data for turkeys raised estimates are collected from all known operations raising 1,000 or more turkeys annually. NASS regional offices maintain a list of all known turkey grow-out operations. Approximately 254 turkey grow-out operations are contacted in September and February. The data collected were received by electronic data reporting, mail, and telephone.

Estimating Procedures: Turkeys raised preliminary estimates include young turkeys intended for meat production and breeder turkeys reaching maturity during the calendar year. These estimates exclude turkeys lost to disease or those destroyed. Placement of turkey poults from the monthly Turkey Hatchery Survey and indications from the September Turkeys Raised Survey provide the basis for the preliminary estimates published in September. Final estimates, published in April, use indications from the February Turkeys Raised Survey in addition to updated hatchery data. Other indications for the final estimates are obtained from monthly slaughter totals and check-off data provided by state turkey or poultry associations.

Revision Policy: Estimates from the previous year are subject to revision when final raised estimates are made in April. Revisions are primarily based on updated hatchery and slaughter data. Estimates will also be reviewed after data from the five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Turkeys raised estimates are based on a census of all known turkey grow-out operations, and therefore have no sampling error. However, estimates are subject to errors such as omissions, duplication, mistakes in reporting or recording, and processing of the data. While these errors cannot be measured directly, they are minimized through strict quality controls in the data collection process, and through a careful review of all reported data for consistency and reasonableness.

To assist in evaluating the reliability of the estimates in this report, the “Root Mean Square Error” for number of turkeys raised is shown in the following table. The “Root Mean Square Error” is a statistical measure based on past performance and is computed using the differences between first and final estimates. The “Root Mean Square Error” for number of turkeys raised over the past 10 years is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 219 million turkeys by more than 1.9 percent. Chances are 9 out of 10 that the difference will not exceed 3.4 percent.

Reliability of September Turkeys Raised Estimates

[Based on data for the past ten years]

| Item | Root mean square error | 90 percent confidence level | Difference between first and latest estimate | | | | |
|----------------------|------------------------|-----------------------------|--|----------|---------|--------------|--------------|
| | | | Average | Smallest | Largest | Years | |
| | | | | | | Below latest | Above latest |
| | (percent) | (percent) | (1,000) | (1,000) | (1,000) | (number) | (number) |
| Turkeys raised | 1.9 | 3.4 | 3,210 | 1,000 | 11,000 | 5 | 5 |

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

| | |
|---|----------------|
| Travis Averill, Chief, Livestock Branch | (202) 692-0069 |
| Jean Porter, Head, Poultry and Specialty Commodities Section | (202) 690-3223 |
| Holly Brenize – Poultry Slaughter..... | (202) 720-0585 |
| Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture | (202) 720-8784 |
| Fatema Haque – Turkey Hatchery, Turkeys Raised | (202) 720-3244 |
| Derron Martin – Chicken Hatchery, Egg Products..... | (202) 690-3237 |
| Seth Riggins – Honey, Honey Bee Colonies | (202) 690-4870 |
| Shulonda Shaw – Cold Storage, Capacity of Refrigerated Warehouses | (202) 720-3240 |
| Autumn Stone – Layers, Eggs | (202) 690-3676 |
| Takiyah Walker – Broiler Hatchery | (202) 720-6147 |

Access to NASS Reports

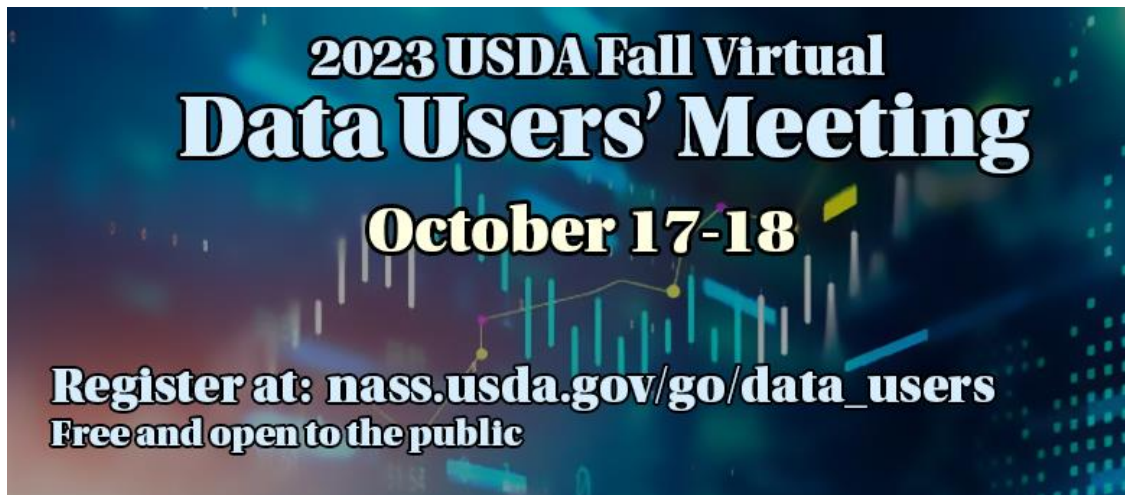
For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov.
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.



USDA Fall Data Users' Meeting
Virtual Meeting
October 17 & 18, 2023
12:00 – 3:00 pm ET

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. NASS is organizing the 2023 Fall Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

Abbreviated Agenda

Day 1 – October 17

Agency Updates– *All agencies*

Focus on the 2022 Census of Agriculture - *National Agricultural Statistics Service*

The Use of Weather Information In Producing the WASDE - *World Agricultural Outlook Board*

NASS Historical Revisions and Estimating Program Review - *National Agricultural Statistics Service*

AMS Data Visualizations - *Agricultural Marketing Service*

Day 2 – October 18

Open Forum – *All agencies*

ERS Feed Grains Database: A comprehensive look at this valuable resource – *Economic Research Service*

Understanding Publicly Available Data from USDA-Risk Management Agency – *Risk Management Agency*

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/go/data_users).