



Turkeys Raised

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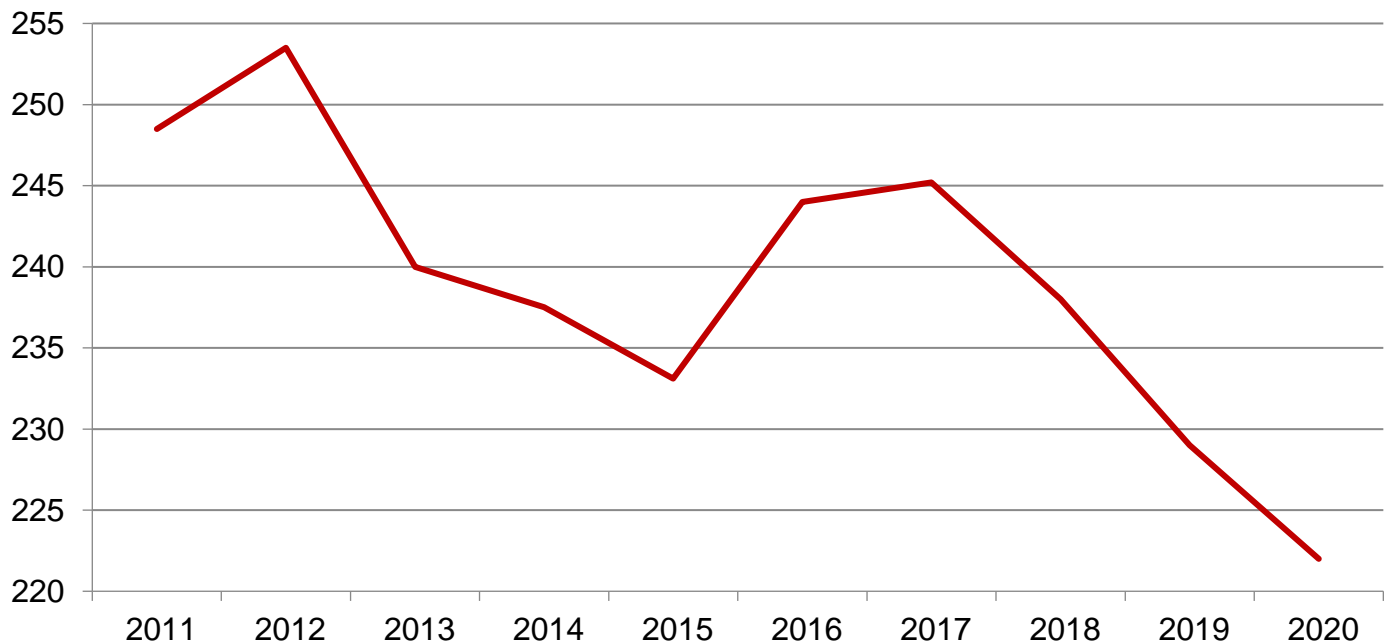
Turkeys Raised Down 3 percent from 2019

Turkeys Raised in the United States during 2020 forecasted at 222 million, down 3 percent from the number raised during 2019.

The top six states account for 69 percent of the turkeys produced in the United States during 2020. The largest turkey producing state is Minnesota, at 39.0 million turkeys, down 2 percent from the previous year. Arkansas is up 3 percent from the previous year at 31.0 million turkeys produced. North Carolina produced 30.0 million turkeys, down 3 percent from a year ago. Indiana produced 20.0 million turkeys, unchanged from last year. Virginia is up 2 percent from last year at 16.3 million turkeys. Missouri produced 16.0 million turkeys, down 3 percent from the previous year.

Turkeys Raised – United States

Million head



Turkeys Raised – States and United States: 2019 and 2020

State	Turkeys raised		2020 as percent of 2019
	2019	2020	
	(1,000 head)	(1,000 head)	(percent)
Arkansas	30,000	31,000	103
California	8,500	8,000	94
Indiana	20,000	20,000	100
Iowa	11,700	11,700	100
Michigan	5,300	5,400	102
Minnesota	40,000	39,000	98
Missouri	16,500	16,000	97
North Carolina	31,000	30,000	97
Ohio	5,900	5,900	100
Pennsylvania	6,200	6,600	106
South Dakota	4,500	4,500	100
Virginia	16,000	16,300	102
West Virginia	3,100	3,300	106
Other States ¹	30,300	24,300	80
United States	229,000	222,000	97

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 295 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 1.8 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 222 million turkeys by more than 1.8 percent. Chances are 9 out of 10 that the difference will not exceed 3.3 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	1.8	3.3	2,898	500	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
- Tony Dorn, Head, Poultry and Specialty Commodities Section (202) 690-3223
- Holly Brenize – Poultry Slaughter..... (202) 720-0585
- Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses (202) 720-4751
- Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture (202) 720-8784
- Fatema Haque – Turkey Hatchery, Turkeys Raised (202) 720-3244
- Adam Peters – Honey, Honey Bee Colonies (202) 690-4870
- Autumn Stone – Layers, Eggs, Egg Products (202) 690-3676
- Takiyah Walker – Broiler Hatchery, Chicken Hatchery (202) 720-6147

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agencies 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.

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USDA NASS Data Users' Meeting

Virtual Meeting
Wednesday, October 28, 2020

USDA's National Agricultural Statistics Service will hold a virtual meeting for users of U.S. domestic and international agriculture data. NASS is organizing the 2020 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. Agency representatives will answer questions and welcome comments and input from data users. Registration details will be coming soon.