



Turkeys Raised

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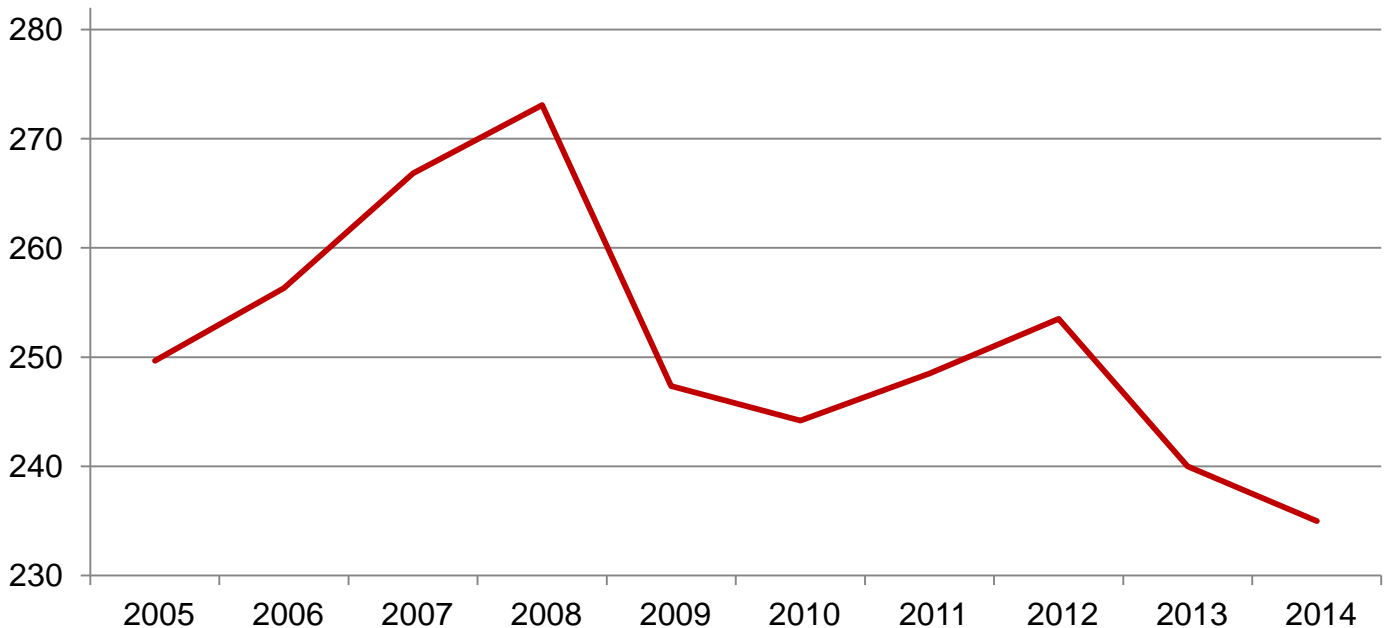
Turkeys Raised Down 2 Percent from 2013

Turkeys Raised in the United States during 2014 is forecasted at 235 million, down 2 percent from the number raised during 2013.

A combination of six states account for nearly two-thirds of the turkeys produced in the United States during 2014. The largest turkey producing state is Minnesota, at 45.0 million turkeys, up 2 percent from the previous year. Arkansas produced 29.0 million turkeys, which is up 4 percent from the previous year. North Carolina decreased by 18 percent from last year, producing 28.0 million turkeys. Indiana increased by 9 percent from a year ago to 19.0 million turkeys. Missouri decreased by 6 percent from last year, producing 16.0 million turkeys. Virginia increased the number of turkeys raised compared to the previous year by 3 percent now at 16.0 million.

Number of Turkeys Raised – United States

Million head



Number of Turkeys Raised – States and United States: 2013 and 2014

[Excludes young turkeys lost]

State	Number raised		2014 as percent of 2013
	2013	2014	
	(1,000 head)	(1,000 head)	(percent)
Arkansas	28,000	29,000	104
California	13,000	11,000	85
Indiana	17,500	19,000	109
Iowa ¹	(D)	11,000	(X)
Minnesota	44,000	45,000	102
Missouri	17,000	16,000	94
North Carolina	34,000	28,000	82
Ohio	5,500	6,000	109
Pennsylvania	7,000	7,000	100
South Carolina ²	12,000	(D)	(X)
South Dakota	4,300	4,300	100
Utah	4,000	4,400	110
Virginia	15,500	16,000	103
West Virginia	3,100	3,100	100
Other States ³	35,100	35,200	(X)
United States	240,000	235,000	98

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

¹ Included in other states in 2013.

² Included in other states in 2014.

³ Includes State estimates not shown and States withheld to avoid disclosing data for individual operations.

Statistical Methodology

Survey Procedures: Data for turkey raised estimates are collected from all known operations raising 1,000 or more turkeys annually. Individual NASS field offices maintain a list of all known turkey grow-out operations to update their lists. Approximately 400 turkey grow-out operations are contacted in September and February. The data collected were received by electronic data reporting (EDR), mail, telephone, and face-to-face personal interviews.

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 individual State turkey or poultry associations.

Revision Policy: Estimates for 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: Turkey 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, and mistakes in reporting, recording, and processing of the data. While the affects of 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 235 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)
Number raised	1.8	3.3	3,687	500	8,540	7	3

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@nass.usda.gov

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Vacant – Catfish Production, Egg Products, Mink, Trout Production	(202) 720-3570

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