



# Turkeys Raised

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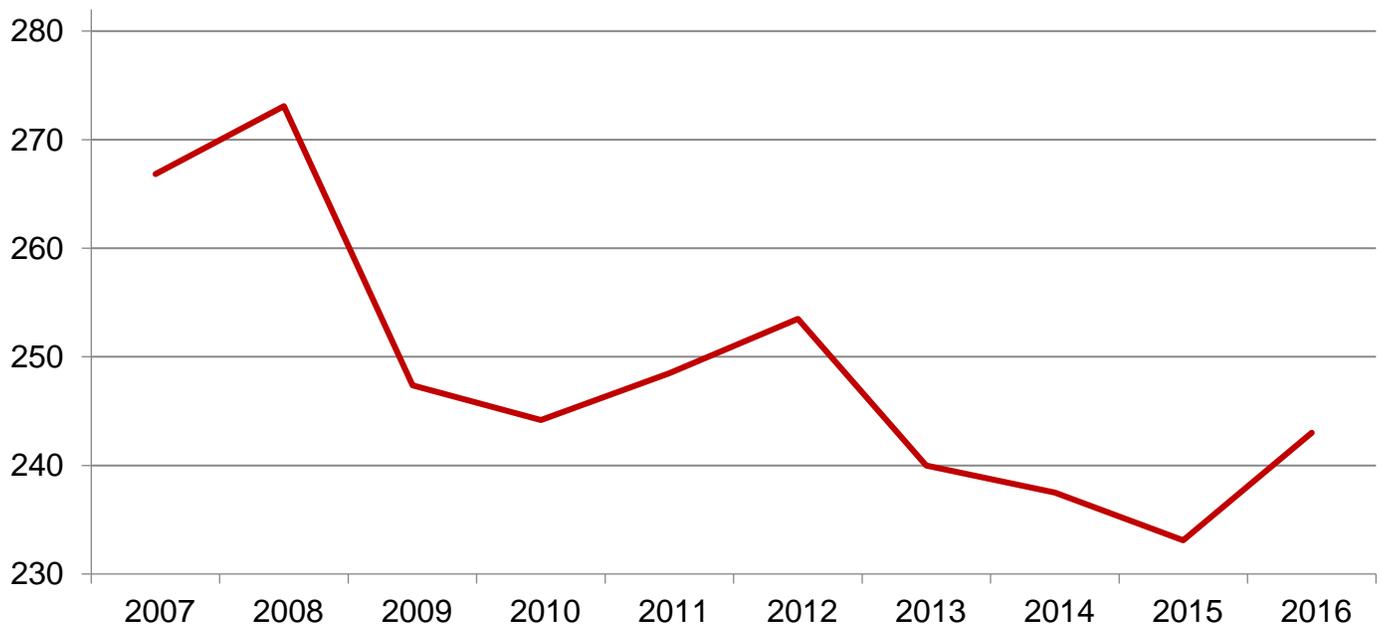
## Turkeys Raised Up 4 Percent from 2015

**Turkeys Raised** in the United States during 2016 is forecasted at 243 million, up 4 percent from the number raised during 2015.

A combination of six states account for nearly two-thirds of the turkeys produced in the United States during 2016. The largest turkey producing state is Minnesota, at 44.0 million turkeys, up 7 percent from the previous year. North Carolina is up 6 percent from last year, producing 33.0 million turkeys. Arkansas produced 26.0 million turkeys, which is down 5 percent from the previous year. Indiana is up 4 percent from a year ago to 20.0 million turkeys. Missouri is up 4 percent from last year, producing 19.7 million turkeys. Virginia is unchanged from the previous year at 17.0 million turkeys.

## Number of Turkeys Raised – United States

Million head



## Number of Turkeys Raised – States and United States: 2015 and 2016

State	Number raised		2016 as percent of 2015
	2015	2016	
	(1,000 head)	(1,000 head)	(percent)
Arkansas .....	27,500	26,000	95
California .....	11,500	10,900	95
Indiana .....	19,300	20,000	104
Iowa .....	9,100	11,700	129
Michigan .....	5,200	5,300	102
Minnesota .....	41,000	44,000	107
Missouri .....	19,000	19,700	104
North Carolina .....	31,000	33,000	106
Ohio .....	5,200	5,600	108
Pennsylvania .....	6,500	7,000	108
South Dakota .....	4,300	4,500	105
Utah .....	3,600	4,500	125
Virginia .....	17,000	17,000	100
West Virginia .....	3,000	3,300	110
Other States <sup>1</sup> .....	29,900	30,500	102
United States .....	233,100	243,000	104

<sup>1</sup> 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. Nearly 350 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 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 1.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 243 million turkeys by more than 1.5 percent. Chances are 9 out of 10 that the difference will not exceed 2.8 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 .....	1.5	2.8	3,092	500	8,540	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@nass.usda.gov](mailto:nass@nass.usda.gov)

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