

# Turkeys Raised

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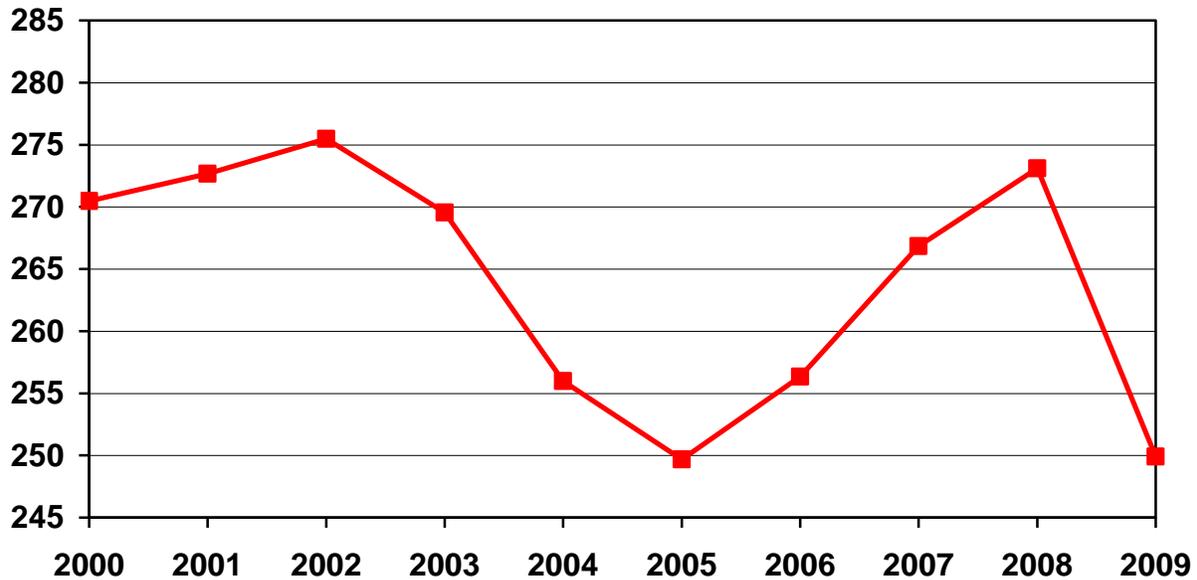
## Turkeys Raised Down 8 Percent from 2008

Turkeys raised in the United States during 2009 is 250 million, down 8 percent from the number raised during 2008.

The following six States are expected to account for about two-thirds of the turkeys produced in the United States during 2009: Minnesota, at 45.5 million turkeys, is down 5 percent from last year; North Carolina, at 37.5 million turkeys, is down 6 percent from last year; Arkansas, at 28.0 million turkeys, is down 10 percent from a year ago; Missouri, at 21.0 million turkeys, is unchanged from last year; Virginia, at 16.4 million turkeys, is down 9 percent from 2008; and California, at 15.0 million turkeys, is down 6 percent from last year.

## U.S. Number of Turkeys Raised

Million Head



**Turkeys: Number Raised by State and United States, 2008-2009**

State	Number Raised <sup>1</sup>		2009 as % of 2008
	2008	2009	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	31,000	28,000	90
CA	16,000	15,000	94
IN	14,500	14,500	100
IA	9,000	( D )	( D )
MN	48,000	45,500	95
MO	21,000	21,000	100
NC	40,000	37,500	94
OH	6,000	5,200	87
PA	11,500	9,000	78
SC	12,500	11,700	94
SD	4,700	4,500	96
UT	4,100	3,300	80
VA	18,000	16,400	91
WV	3,800	3,200	84
Oth Sts <sup>2</sup>	32,988	35,114	( X )
US	273,088	249,914	92

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

(X) Comparison to 2008 is not applicable.

<sup>1</sup> Excludes young turkeys lost.

<sup>2</sup> Other States include State estimates not shown and States suppressed due to disclosure.

**Reliability of Turkeys Raised Estimates**

**Survey Procedures:** A random sample of roughly 1,000 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all turkey producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. The data collected were received by electronic data reporting (EDR), mail, telephone, and face-to-face personal interviews.

**Estimation Procedures:** Turkeys raised preliminary estimates include young turkeys intended for meat production, as well as breeder turkeys which reach 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, and at the U.S. level, are usually less than one half of one percent of the final estimate published in April. Estimates are also reviewed after data from the five year Census of Agriculture are available. No revisions are made after five-year census data revisions have been published.

**Reliability:** Since all operations raising turkeys are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing of the data. 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” is shown for selected items 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 1.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 250 million turkeys by more than 1.3 percent. Chances are 9 out of 10 that the difference will not exceed 2.3 percent.

**Reliability of August Turkeys Raised Estimates <sup>1</sup>**

Item	Root Mean Square Error	90 Percent Confidence Level			Difference Between First and Latest Estimates			Number of Years	
					Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Number</i>	<i>Number</i>	
Number Raised	1.3	2.3	5,763	2,857	9	5,560	4	6	

<sup>1</sup> Based on data for the past 10 years.

### Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information.

- Dan Kerestes, Chief, Livestock Branch ..... (202) 720-3570
- Bruce Boess, Head, Poultry and Specialty Commodities Section ..... (202) 720-4447
- David Colwell - Cold Storage ..... (202) 720-8784
- Chris Hawthorn - Catfish Processing, Catfish Production, Trout Production,  
Census of Aquaculture, Egg Products, Mink ..... (202) 720-0585
- Kim Linonis - Layers, Eggs ..... (202) 690-8632
- Troy Marshall - Poultry Slaughter, Turkey Hatchery, Turkeys Raised,  
Broiler Hatchery, Chicken Hatchery, Honey ..... (202) 690-3237

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