

Turkeys Raised

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Turkeys Raised in 2007 Up 4 Percent from 2006

Turkeys raised in the United States during 2007 totaled 272 million birds, up 4 percent from the 262 million raised in 2006.

Minnesota ranked first in the number raised with 48.0 million, followed by North Carolina with 39.0 million, Arkansas with 31.0 million, Virginia with 22.0 million, Missouri with 20.0 million, California with 16.0 million, and Indiana with 15.3 million. These States accounted for 70 percent of the turkeys produced in the United States during 2007.

Turkey Growers Plan a 2 Percent Increase in 2008

Turkey growers in 23 States intend to increase the number of birds raised by 2 percent in 2008. These States produced over 99 percent of the turkeys raised in 2007. Intentions for the top seven producing States, compared with 2007, are as follows: Minnesota up 2 percent, North Carolina unchanged, Arkansas up 3 percent, Virginia up 2 percent, Missouri up 5 percent, California up 4 percent, and Indiana up 6 percent.

The number of turkeys actually raised in 2008 may vary from growers' intentions shown in this report depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.

Turkeys: Number Raised in 2006 and 2007 ¹

State	Number		2007 as % of 2006
	2006 ²	2007 ³	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	30,000	31,000	103
CA	15,800	16,000	101
IL	2,700	2,800	104
IN	13,800	15,300	111
IA	8,200	8,300	101
MD	730	750	103
MA	62	59	95
MI	4,600	4,800	104
MN	45,000	48,000	107
MO	20,000	20,000	100
NJ	33	39	118
NY	630	640	102
NC	37,500	39,000	104
ND	1,800	1,900	106
OH	5,100	5,100	100
PA	10,500	11,000	105
SC	9,600	10,500	109
SD	4,200	4,500	107
VT	55	51	93
VA	21,500	22,000	102
WV	3,600	3,500	97
Other States ⁴	27,050	26,450	98
US ⁵	262,460	271,689	104

¹ Revised.

² Based on turkeys placed September 1, 2005 through August 31, 2006. Excludes young turkeys lost.

³ Based on turkeys placed September 1, 2006 through August 31, 2007. Excludes young turkeys lost.

⁴ CO, KS, NE, OK, TX, UT, and WI combined to avoid disclosing individual operations.

⁵ 28 State total.

Turkeys: Death Loss by Geographic Region and United States, 2005-07

Geographic Region	Young Turkeys Lost as a Percent of Total Poults Placed		
	2005 ¹	2006 ¹	2007
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
East North Central	11.0	12.8	13.1
West North Central	11.0	12.4	13.0
North & South Atlantic ²	9.2	8.9	9.8
South Central & West ²	11.4	11.7	11.8
US	10.5	11.1	11.6

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

Regional Listing

North Atlantic: CT, ME, MA, NH, NJ, NY, PA, RI, VT.

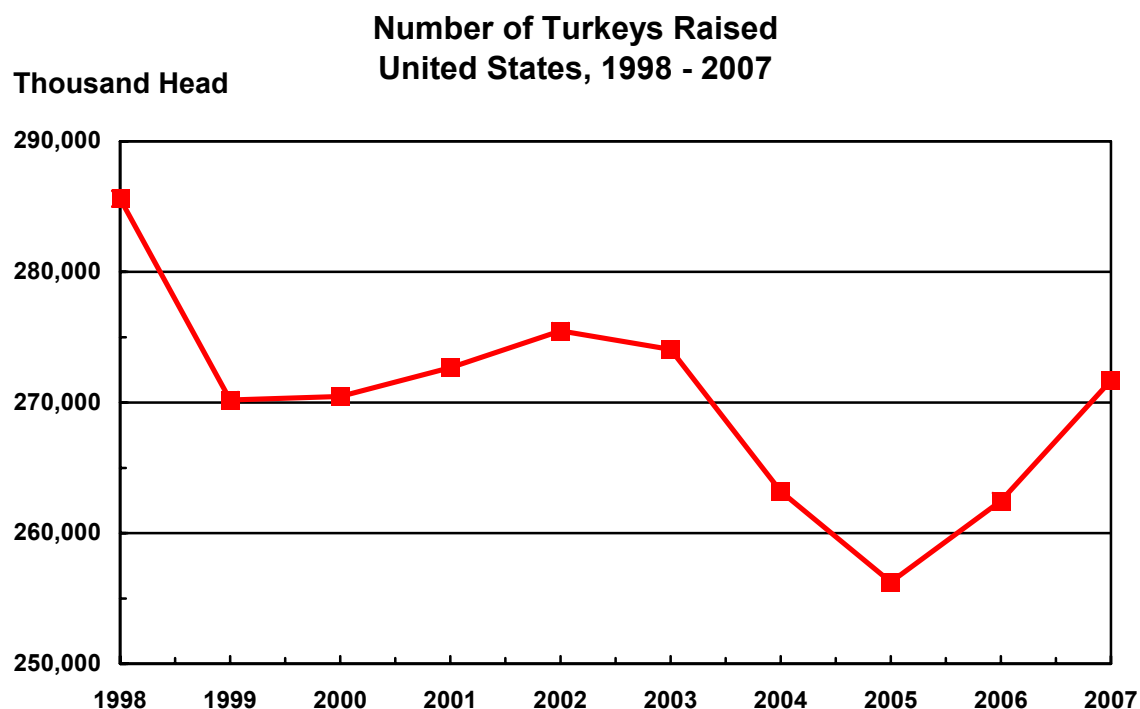
East North Central: IL, IN, MI, OH, WI.

West North Central: IA, KS, MN, MO, NE, ND, SD.

South Atlantic: DE, FL, GA, MD, NC, SC, VA, WV.

South Central: AL, AR, KY, LA, MS, OK, TN, TX.

West: AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY.



**Turkeys: Number Raised in 2007 and Intentions for 2008,
Selected States and 23 State Total**

State	Number		2008 as % of 2007
	2007	2008	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	31,000	32,000	103
CA	16,000	16,600	104
IL	2,800	2,900	104
IN	15,300	16,200	106
IA	8,300	8,700	105
MI	4,800	4,800	100
MN	48,000	49,000	102
MO	20,000	21,000	105
NC	39,000	39,000	100
ND	1,900	2,000	105
OH	5,100	5,100	100
PA	11,000	11,200	102
SC	10,500	10,900	104
SD	4,500	4,600	102
VA	22,000	22,500	102
WV	3,500	3,600	103
Other States ¹	26,450	26,500	100
23 State Total	270,150	276,600	102

¹ CO, KS, NE, OK, TX, UT, and WI combined to avoid disclosing individual operations.

**Net Poultry Placements: By Month,
United States, 2005-2007 ¹**

Month	Total All Breeds		Percent of Previous Year	Cumulative Total		Percent of Previous Year
	2005-06	2006-07		2005-06	2006-07	
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Sep	23,018	23,534	102	23,018	23,534	102
Oct	21,633	24,891	115	44,651	48,425	108
Nov	22,540	23,792	106	67,191	72,217	107
Dec	24,329	23,879	98	91,520	96,096	105
Jan	24,341	26,068	107	115,861	122,164	105
Feb	23,473	24,249	103	139,334	146,413	105
Mar	25,230	26,433	105	164,564	172,846	105
Apr	24,212	26,040	108	188,776	198,886	105
May	25,639	27,271	106	214,415	226,157	105
Jun	26,002	26,277	101	240,417	252,434	105
Jul	26,058	27,343	105	266,475	279,777	105
Aug	25,693	26,523	103	292,168	306,300	105

¹ Includes imports and excludes exports.

Reliability of Turkeys Raised Estimates

Survey Procedures: Survey data for the turkeys raised estimates are collected from a list of contractors and independent growers during December. States use all known sources of producer names to ensure that the list is as complete as possible. Turkey producers are then contacted either by mail, telephone, or in person. Diligent effort is made to ensure that all operations are accounted for in the estimate.

Estimation Procedures: Turkeys raised estimates include young turkeys intended for meat production, as well as breeder turkeys which reached maturity during the calendar year. These estimates exclude turkeys lost to disease or those destroyed. Placements of turkey poults from the Monthly Turkey Hatchery Survey provide the basis for the preliminary estimates published in August. Final estimates, published in January, use indications from the Turkey Inquiry 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 preliminary raised estimates are made in August and during the January annual time period. Revisions are primarily based on updated hatchery data, updated slaughter data, and import and export data received from the U.S. Census Bureau. Estimates are also reviewed after data from the Census of Agriculture are available, and no revisions are made after that date.

Reliability: Turkeys raised estimates are based on a census of known active producers, and therefore, have no sampling variability. However, estimates may be subject to errors such as omissions, duplication, and mistakes in reporting, recording, and processing of the data. These errors are minimized through strict quality controls in the edit and summarization process, and 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 the difference between intention estimates and the final raised estimates, in 23 select States over the past 10 years, is 1.7 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current intentions estimate of 277 million turkeys by more than 1.7 percent. Chances are 9 out of 10 that the difference will not exceed 3.0 percent.

Reliability of Turkeys Raised Intention Estimates ¹

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>
Grower Intentions	1.7	3.0	8,199	4,048	900	7,650	4	6

¹ 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.

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