

Turkey Hatchery

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Eggs in Incubators on October 1 Up Slightly from Last Year

Turkey eggs in incubators on October 1, 2007 in the United States totaled 30.2 million, up slightly from October 1, 2006. Eggs in incubators were down 2 percent from the September 1, 2007 total of 30.9 million eggs. Regional changes from the previous year were: East North Central down 12 percent, West North Central up 7 percent, North and South Atlantic up slightly, and South Central and West down 2 percent.

Poults Hatched During September Up 1 Percent from Last Year

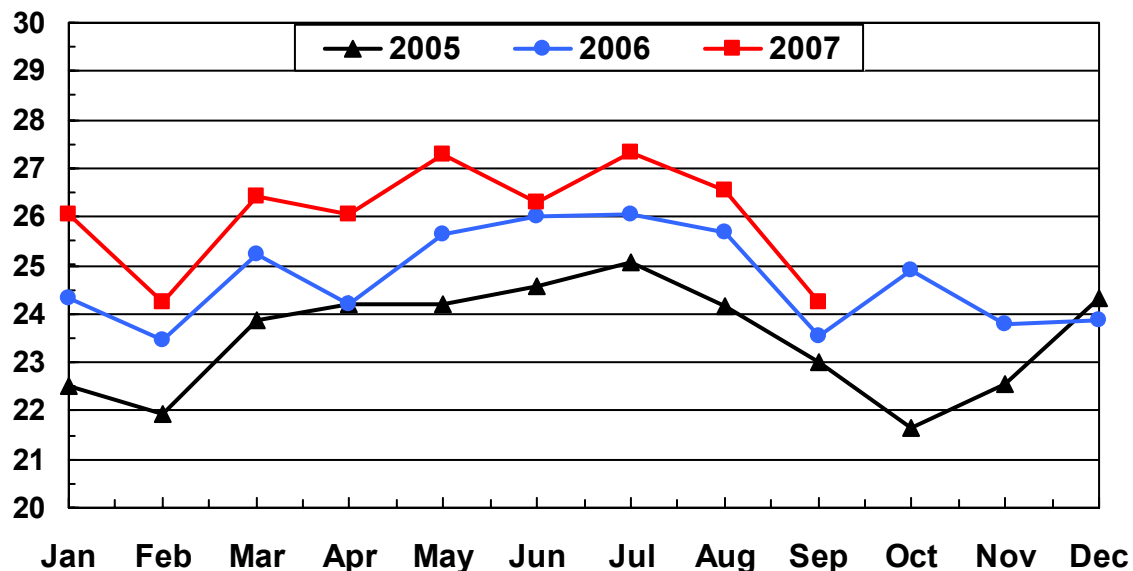
Turkey poults hatched during September 2007 in the United States totaled 24.3 million, up 1 percent from September 2006. Poults hatched were down 10 percent from the August 2007 total of 26.9 million poults. Regional changes from the previous year were: East North Central down 8 percent, West North Central up 1 percent, North and South Atlantic up 7 percent, and South Central and West down 5 percent.

Net Poults Placed During September Up 3 Percent from Last Year

The 24.2 million net poults placed during September 2007 in the United States were up 3 percent from the number placed during the same month a year earlier. Net placements were down 9 percent from the August 2007 total of 26.5 million.

Turkey Net Poultry Placements United States 2005 - 2007

Million Poults



**Eggs in Incubators: First of Month by Region
and United States, October 2007**

Region	Oct 1 2006	Sep 1 2007 ¹	Oct 1 2007	Percent of Previous Year	Percent of Previous Month
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>Percent</i>
E N Central	5,062	4,619	4,454	88	96
W N Central	11,501	11,843	12,281	107	104
N & S Atlantic ²	9,731	10,458	9,775	100	93
S Central & West ²	3,749	3,941	3,680	98	93
US	30,043	30,861	30,190	100	98

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

**Eggs Hatched: Entire Month by Region
and United States, September 2007**

Region	Sep 2006	Aug 2007	Sep 2007	Percent of Previous Year	Percent of Previous Month
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>Percent</i>
E N Central	4,032	4,168	3,714	92	89
W N Central	9,222	10,274	9,317	101	91
N & S Atlantic ¹	7,508	8,608	8,059	107	94
S Central & West ¹	3,337	3,874	3,169	95	82
US	24,099	26,924	24,259	101	90

¹ Regions combined to avoid disclosure of individual operations.

**Net Poults Placements: By Month,
United States, 2006-08 ¹**

Month	Total All Breeds		Percent of Previous Year	Cumulative Total		Percent of Previous Year
	2006-07	2007-08		2006-07	2007-08	
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Sep	23,534	24,219	103	23,534	24,219	103
Oct	24,891			48,425		
Nov	23,792			72,217		
Dec	23,879			96,096		
Jan	26,068			122,164		
Feb	24,249			146,413		
Mar	26,433			172,846		
Apr	26,040			198,886		
May	27,271			226,157		
Jun	26,277			252,434		
Jul	27,343			279,777		
Aug ²	26,523			306,300		

¹ Includes imports and excludes exports.

² Revised 2007 data only.

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.

Reliability of Turkey Hatchery Estimates

Survey Procedures: Data for turkey hatchery estimates are collected from all known turkey hatcheries. Individual NASS field offices maintain a list of all known turkey hatcheries and use known sources of hatcheries to update their lists. Approximately 40 hatcheries are contacted each month. All known turkey hatcheries are mailed a questionnaire as close to the first of the month as possible and given adequate time to respond via mail, fax, or EDR. Those that do not respond are contacted by phone. Care is exercised to ensure that all hatcheries are accounted for in the estimate.

Estimating Procedures: Sound statistical methodology is employed to derive the estimates from reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations were estimated based on similar operations or historical data. NASS field offices prepare these estimates by using a combination of survey indications and historic trends. Individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness. Individual hatchery data are summed to State, regional, and U.S. totals. Only regional and U.S. level estimates are published due to the limited number of hatcheries involved. The Net Poultry Placement data includes imported poults from outside the U.S. and excludes poults exported outside the U.S..

Cummulative net poult placements beginning on September 1 and ending on August 31 are shown in the monthly "**Turkey Hatchery**" report. This time period corresponds with the placements of poults which will reach maturity and be available for slaughter during the calendar year.

States reporting turkey hatcheries are: Arkansas, California, Florida, Indiana, Massachusetts, Michigan, Minnesota, Missouri, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, Texas, Utah, Virginia, West Virginia, and Wisconsin.

Revision Policy: Revisions are generally the result of late or corrected data. Revisions to the previous month are published in the monthly "**Turkey Hatchery**" report, while annual revisions are published in the "**Hatchery Production - Annual Summary**" report in April.

Reliability: Turkey hatchery estimates are based on a census of all known operating hatcheries and therefore, have no sampling error. However, estimates are subject to errors such as omission, duplication, and mistakes in reporting, recording, and processing the data. While these errors cannot be measured directly, they are minimized through strict quality controls in the data collection 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 turkey eggs in incubators 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 30.2 million eggs by more than 1.8 percent. Chances are 9 out of 10 that the difference will not exceed 3.3 percent.

Reliability of U.S. October 1 Turkey Hatchery 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
Eggs In Incubators	<i>Percent</i> 1.8	<i>Percent</i> 3.3	<i>1,000</i> 988	<i>1,000</i> 354	<i>1,000</i> 0	<i>1,000</i> 1,323	<i>Number</i> 5	<i>Number</i> 4

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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Toby Paterson - Catfish Production, Trout Production, Census of Aquaculture,
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