

Turkey Hatchery

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Eggs in Incubators on October 1 Down 4 Percent from Last Year

Turkey eggs in incubators on October 1, 2010, in the United States totaled 25.3 million, down 4 percent from October 1, 2009. Eggs in incubators were down 4 percent from the September 1, 2010 total of 26.4 million eggs. Regional changes from the previous year were: East North Central up 12 percent, West North Central down 1 percent, North and South Atlantic down 16 percent, and South Central and West down 2 percent.

Poults Hatched During September Up Slightly from Last Year

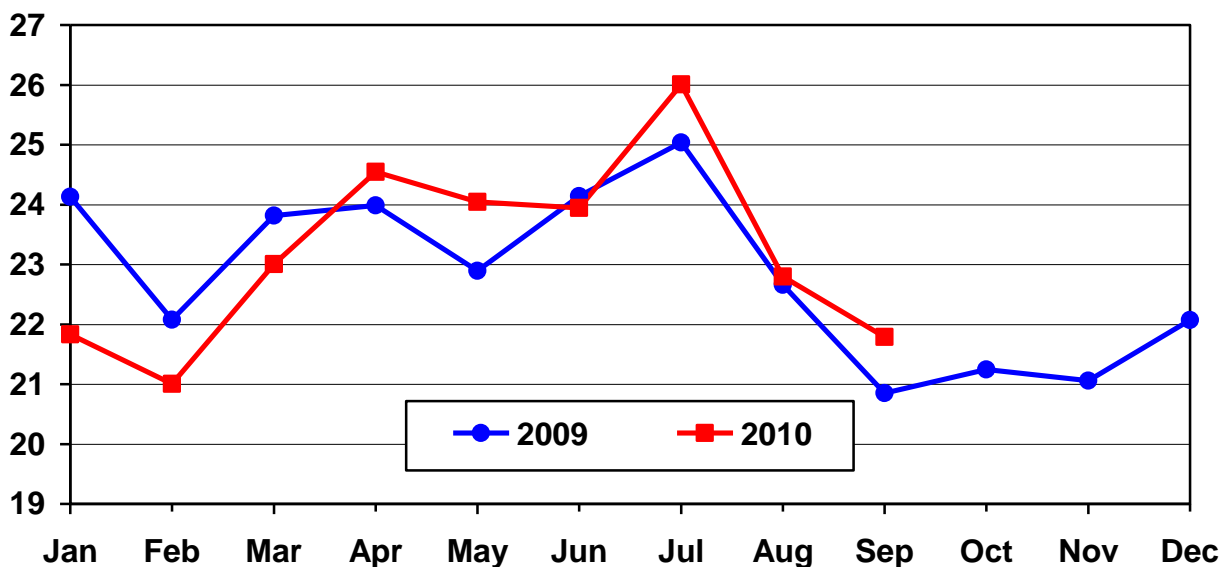
Turkey poults hatched during September 2010, in the United States totaled 22.1 million, up slightly from September 2009. Poults hatched were down 4 percent from the August 2010 total of 22.9 million poults. Regional changes from the previous year were: East North Central up 2 percent, West North Central down 2 percent, North and South Atlantic up 7 percent, and South Central and West down 15 percent.

Net Poults Placed During September Up 4 Percent from Last Year

The 21.8 million net poults placed during September 2010 in the United States were up 4 percent from the number placed during the same month a year earlier. Net placements were down 4 percent from the August 2010 total of 22.8 million.

U.S. Turkey Net Poult Placements

Million Poults



Eggs in Incubators: First of Month by Region and United States, October 2010

Region	Oct 1 2009	Sep 1 2010 ¹	Oct 1 2010	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	3,849	4,095	4,319	112	105
W N Central	11,456	11,650	11,345	99	97
N & S Atlantic ²	8,831	8,124	7,422	84	91
S Central & West ²	2,304	2,484	2,251	98	91
US	26,440	26,353	25,337	96	96

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

Poults Hatched: Entire Month by Region and United States, September 2010

Region	Sep 2009	Aug 2010	Sep 2010	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	3,663	3,432	3,737	102	109
W N Central	9,554	10,081	9,409	98	93
N & S Atlantic ¹	6,486	7,055	6,921	107	98
S Central & West ¹	2,342	2,340	1,998	85	85
US	22,045	22,908	22,065	100	96

¹ Regions combined to avoid disclosure of individual operations.

Net Poultry Placements: By Month, United States, 2009-2011 ¹

Month	Total All Breeds		Percent of Previous Year	Cumulative Total		Percent of Previous Year
	2009-10	2010-11		2009-10	2010-11	
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Sep	20,852	21,789	104	20,852	21,789	104
Oct	21,245			42,097		
Nov	21,061			63,158		
Dec	22,074			85,232		
Jan	21,833			107,065		
Feb	21,005			128,070		
Mar	23,007			151,077		
Apr	24,546			175,623		
May	24,045			199,668		
Jun	23,946			223,614		
Jul	26,006			249,620		
Aug ²	22,798			272,418		

¹ Includes imports and excludes exports.

² Revised 2010 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: AK, AZ, CA, CO, HI, 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 electronic data reporting (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 and excludes exported poults.

Cumulative net poultry 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, Pennsylvania, Rhode Island, Texas, 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 on the first day of the month over the past 24 months is 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 25.3 million eggs by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.1 percent.

Reliability of U.S. October Turkey Hatchery Estimates ¹

Item	Root Mean Square Error	90 Percent Confidence Level			Difference Between First and Latest Estimates			Number of Months	
					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>
Eggs In Incubators	1.2	2.1	534	224	0	877	6	16	
Poults Hatched	0.4	0.7	155	59	0	289	7	10	
Net Poultry Placements	1.0	1.7	370	173	46	570	11	13	

¹ Based on data for the past 24 months.

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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