

Turkey Hatchery

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Eggs in Incubators on November 1 Up 9 Percent from Last Year

Turkey eggs in incubators on November 1, 2010, in the United States totaled 28.3 million, up 9 percent from November 1, 2009. Eggs in incubators were up 8 percent from the October 1, 2010 total of 26.2 million eggs. Regional changes from the previous year were: East North Central up 19 percent, West North Central up 8 percent, North and South Atlantic up 12 percent, and South Central and West down 8 percent.

Poults Hatched During October Up Slightly from Last Year

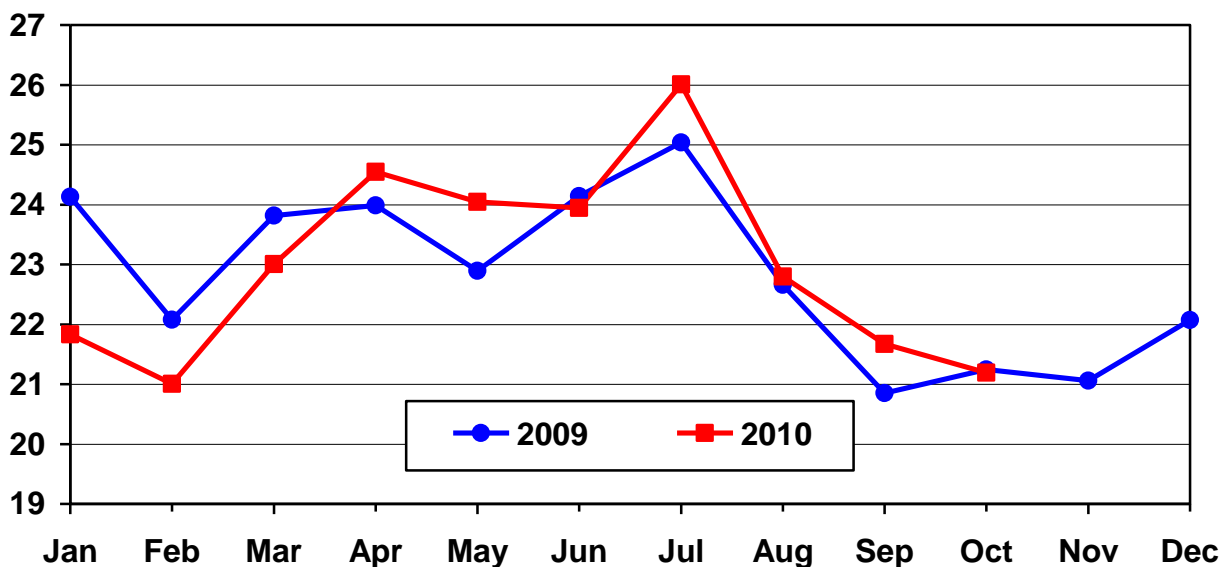
Turkey poults hatched during October 2010, in the United States totaled 22.1 million, up slightly from October 2009. Poults hatched were down slightly from the September 2010 total of 22.1 million poults. Regional changes from the previous year were: East North Central up 7 percent, West North Central down 2 percent, North and South Atlantic down 2 percent, and South Central and West up 3 percent.

Net Poults Placed During October Down Slightly from Last Year

The 21.2 million net poults placed during October 2010 in the United States were down slightly from the number placed during the same month a year earlier. Net placements were down 2 percent from the September 2010 total of 21.7 million.

U.S. Turkey Net Poult Placements

Million Poults



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

Region	Nov 1 2009	Oct 1 2010 ¹	Nov 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	3,881	4,319	4,619	119	107
W N Central	10,874	11,345	11,694	108	103
N & S Atlantic ²	8,502	8,308	9,492	112	114
S Central & West ²	2,753	2,251	2,524	92	112
US	26,010	26,223	28,329	109	108

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

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

Region	Oct 2009	Sep 2010	Oct 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	3,308	3,737	3,547	107	95
W N Central	9,714	9,409	9,555	98	102
N & S Atlantic ¹	7,231	6,921	7,102	98	103
S Central & West ¹	1,786	1,998	1,848	103	92
US	22,039	22,065	22,052	100	100

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 ²	20,852	21,670	104	20,852	21,670	104
Oct	21,245	21,193	100	42,097	42,863	102
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	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 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 28.3 million eggs by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.4 percent.

Reliability of U.S. November 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>
Eggs In Incubators	1.4	2.4	673	245	0	886	6	16
Poults Hatched	0.4	0.7	155	58	0	289	7	9
Net Poultry Placements	1.0	1.7	357	171	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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Census of Aquaculture, Egg Products, Mink (202) 720-0585
Kim Linonis – Layers, Eggs (202) 690-8632
Troy Marshall – Broiler Hatchery, Chicken Hatchery, Honey (202) 720-3244

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