

Turkey Hatchery

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Eggs in Incubators on August 1 Down 2 Percent from Last Year

Turkey eggs in incubators on August 1, 2010, in the United States totaled 27.9 million, down 2 percent from August 1, 2009. Eggs in incubators were down 6 percent from the July 1, 2010 total of 29.9 million eggs. Regional changes from the previous year were: East North Central down 1 percent, West North Central up 5 percent, North and South Atlantic down 4 percent, and South Central and West down 20 percent.

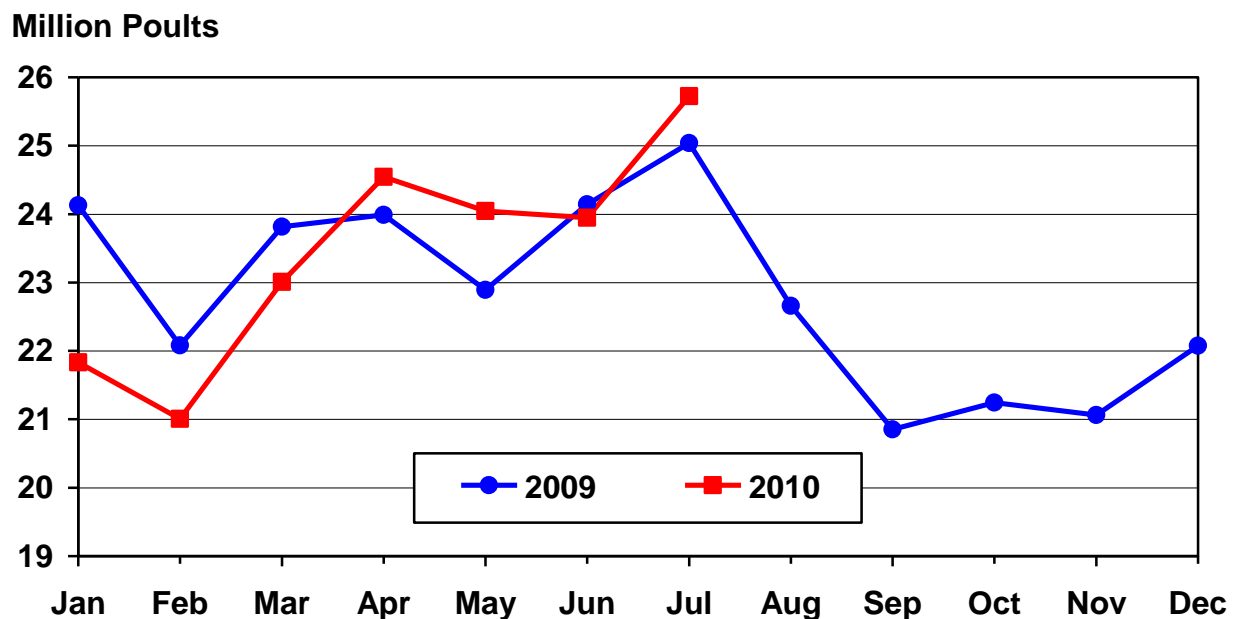
Poults Hatched During July Up 1 Percent from Last Year

Turkey poults hatched during July 2010, in the United States totaled 26.1 million, up 1 percent from July 2009. Poults hatched were up 7 percent from the June 2010 total of 24.3 million poults. Regional changes from the previous year were: East North Central up 13 percent, West North Central up 2 percent, North and South Atlantic up 2 percent, and South Central and West down 17 percent.

Net Poults Placed During July Up 3 Percent from Last Year

The 25.7 million net poults placed during July 2010 in the United States were up 3 percent from the number placed during the same month a year earlier. Net placements were up 7 percent from the June 2010 total of 23.9 million.

U.S. Turkey Net Poult Placements



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

Region	Aug 1 2009	Jul 1 2010 ¹	Aug 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	4,190	4,671	4,148	99	89
W N Central	11,330	12,169	11,843	105	97
N & S Atlantic ²	9,320	9,326	8,942	96	96
S Central & West ²	3,754	3,684	2,999	80	81
US	28,594	29,850	27,932	98	94

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

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

Region	Jul 2009	Jun 2010 ¹	Jul 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	3,709	4,217	4,179	113	99
W N Central	10,221	10,072	10,457	102	104
N & S Atlantic ²	8,325	7,774	8,469	102	109
S Central & West ²	3,575	2,278	2,957	83	130
US	25,830	24,341	26,062	101	107

¹ Revised.

² Regions combined to avoid disclosure of individual operations.

Net Poultry Placements: By Month, United States, 2008-2010 ¹

Month	Total All Breeds		Percent of Previous Year	Cumulative Total		Percent of Previous Year
	2008-2009	2009-2010		2008-2009	2009-2010	
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Sep	22,515	20,852	93	22,515	20,852	93
Oct	22,165	21,245	96	44,680	42,097	94
Nov	20,702	21,061	102	65,382	63,158	97
Dec	23,179	22,074	95	88,561	85,232	96
Jan	24,131	21,833	90	112,692	107,065	95
Feb	22,079	21,005	95	134,771	128,070	95
Mar	23,817	23,007	97	158,588	151,077	95
Apr	23,989	24,546	102	182,577	175,623	96
May	22,892	24,045	105	205,469	199,668	97
Jun ²	24,141	23,946	99	229,610	223,614	97
Jul	25,037	25,723	103	254,647	249,337	98
Aug	22,657			277,304		

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 27.9 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. August 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
		Percent	Percent	1,000	1,000	1,000	1,000	Number	Number
Eggs In Incubators	1.2	2.1	595	230	0	877	6	15	
Poults Hatched	0.5	0.8	204	70	0	289	8	10	
Net Poultry Placements	1.0	1.7	434	173	46	570	13	11	

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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