



# Turkey Hatchery

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## Eggs in Incubators on May 1 Down 4 Percent from Last Year

Turkey eggs in incubators on May 1, 2011, in the United States totaled 27.7 million, down 4 percent from May 1, 2010. Eggs in incubators were down slightly from the April 1, 2011 total of 27.7 million eggs.

## Poults Hatched During April Down 4 Percent from Last Year

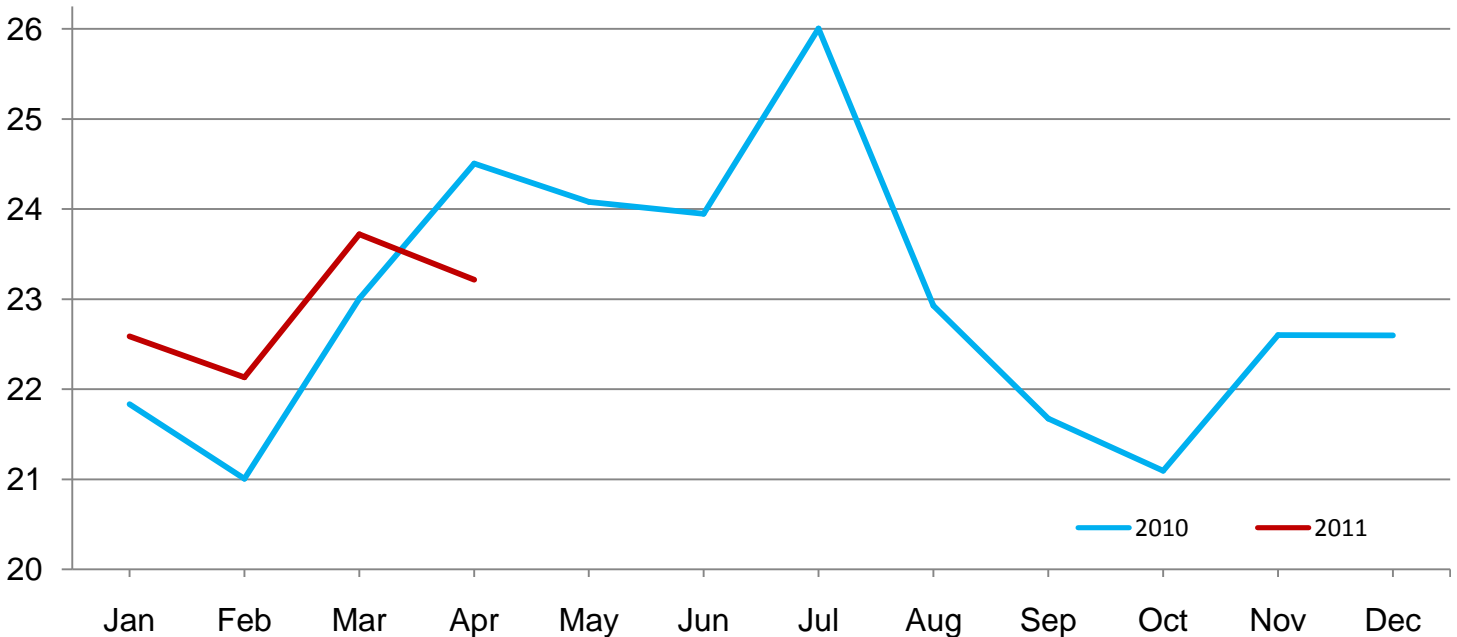
Turkey poults hatched during April 2011, in the United States totaled 23.9 million, down 4 percent from April 2010. Poults hatched were down 2 percent from the March 2011 total of 24.3 million poults.

## Net Poults Placed During April Down 5 Percent from Last Year

The 23.2 million net poults placed during April 2011 in the United States were down 5 percent from the number placed during the same month a year earlier. Net placements were down 2 percent from the March 2011 total of 23.7 million.

## Net Poults Placements – United States

Million poults



## Eggs in Incubators and Poults Hatched by Month – United States: 2009-2011

[Blank data cells indicate estimation period has not yet begun]

Month	Eggs in incubators first of month		Percent of previous year	Poults hatched entire month		Percent of previous year
	2009-2010	2010-2011		2009-2010	2010-2011	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September .....	26,366	26,353	100	22,045	22,065	100
October .....	26,440	26,223	99	22,039	22,085	100
November .....	26,010	28,415	109	21,499	23,783	111
December .....	26,559	27,327	103	22,594	23,519	104
January .....	27,501	27,764	101	22,460	23,973	107
February .....	26,755	28,431	106	21,391	23,079	108
March .....	26,823	28,359	106	23,414	24,340	104
April .....	28,809	27,720	96	24,759	23,863	96
May .....	28,740	27,707	96	24,207		
June .....	28,707			24,341		
July .....	29,850			26,198		
August .....	27,947			22,908		

## Net Poultry Placements by Month – United States: 2009-2011

[Includes imports and excludes exports. Blank data cells indicate estimation period has not yet begun]

Month	Total all breeds		Percent of previous year	Cumulative total		Percent of previous year
	2009-2010	2010-2011		2009-2010	2010-2011	
	(1,000 poults)	(1,000 poults)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September .....	20,852	21,672	104	20,852	21,672	104
October .....	21,245	21,094	99	42,097	42,766	102
November .....	21,061	22,599	107	63,158	65,365	103
December .....	22,074	22,596	102	85,232	87,961	103
January .....	21,833	22,585	103	107,065	110,546	103
February .....	21,005	22,130	105	128,070	132,676	104
March .....	23,007	23,720	103	151,077	156,396	104
April .....	24,506	23,217	95	175,583	179,613	102
May .....	24,078			199,661		
June .....	23,946			223,607		
July .....	26,006			249,613		
August .....	22,926			272,539		

## Statistical Methodology

**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 United States totals. Only United States level estimates are published due to the limited number of hatcheries involved. The Net Poults Placements data include imported poults and exclude exported poults.

Cumulative 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, 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 27.7 million eggs by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.5 percent.

### Reliability of May Turkey Hatchery Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Years	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Eggs in incubators .....	1.4	2.5	268	2	886	17	7
Poults hatched .....	0.5	0.8	73	0	289	13	7
Net poult placements .....	1.1	1.9	191	18	779	14	10

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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