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## Eggs in Incubators on January 1 Down 6 Percent from Last Year

Turkey eggs in incubators on January 1, 2009, in the United States totaled 29.7 million, down 6 percent from January 1, 2008. Eggs in incubators were up 7 percent from the December 1, 2008 total of 27.8 million eggs. Regional changes from the previous year were: East North Central down 3 percent, West North Central down 4 percent, North and South Atlantic down 6 percent, and South Central and West down 16 percent.

## Poults Hatched During December Down 3 Percent from Last Year

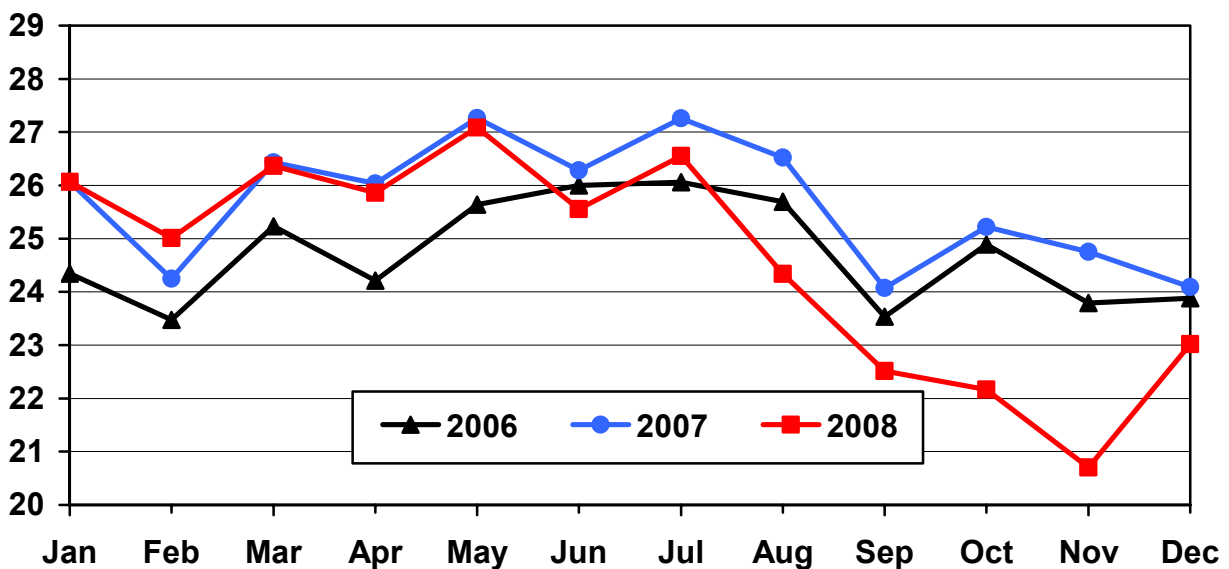
Turkey poults hatched during December 2008, in the United States totaled 24.3 million, down 3 percent from December 2007. Poults hatched were up 10 percent from November 2008 total of 22.0 million poults. Regional changes from the previous year were: East North Central down 5 percent, West North Central up 1 percent, North and South Atlantic up 2 percent, and South Central and West down 21 percent.

## Net Poults Placed During December Down 4 Percent from Last Year

The 23.0 million net poults placed during December 2008 in the United States were down 4 percent from the number placed during the same month a year earlier. Net placements were up 11 percent from the November 2008 total of 20.7 million.

## U.S. Turkey Net Poult Placements

Million Poults



**Eggs in Incubators: First of Month by Region and United States, January 2009**

Region	Jan 1 2008	Dec 1 2008 <sup>1</sup>	Jan 1 2009	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	4,541	4,032	4,403	97	109
W N Central	12,231	11,193	11,711	96	105
N & S Atlantic <sup>2</sup>	10,799	9,368	10,161	94	108
S Central & West <sup>2</sup>	4,030	3,161	3,389	84	107
US	31,601	27,754	29,664	94	107

<sup>1</sup> Revised.

<sup>2</sup> Regions combined to avoid disclosure of individual operations.

**Poults Hatched: Entire Month by Region and United States, December 2008**

Region	Dec 2007	Nov 2008 <sup>1</sup>	Dec 2008	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	3,793	3,537	3,602	95	102
W N Central	9,428	8,815	9,506	101	108
N & S Atlantic <sup>2</sup>	8,458	7,734	8,601	102	111
S Central & West <sup>2</sup>	3,266	1,919	2,580	79	134
US	24,945	22,005	24,289	97	110

<sup>1</sup> Revised.

<sup>2</sup> Regions combined to avoid disclosure of individual operations.

**Net Poultry Placements: By Month, United States, 2007-2009 <sup>1</sup>**

Month	Total All Breeds		Percent of Previous Year	Cumulative Total		Percent of Previous Year
	2007-08	2008-09		2007-08	2008-09	
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Sep	24,073	22,515	94	24,073	22,515	94
Oct	25,222	22,165	88	49,295	44,680	91
Nov <sup>2</sup>	24,755	20,702	84	74,050	65,382	88
Dec	24,091	23,020	96	98,141	88,402	90
Jan	26,067			124,208		
Feb	25,011			149,219		
Mar	26,369			175,588		
Apr	25,863			201,451		
May	27,084			228,535		
Jun	25,557			254,092		
Jul	26,551			280,643		
Aug	24,337			304,980		

<sup>1</sup> Includes imports and excludes exports.

<sup>2</sup> Revised 2008 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 poults 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, 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 24 months is 1.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 29.7 million eggs by more than 1.0 percent. Chances are 9 out of 10 that the difference will not exceed 1.6 percent.

**Reliability of U.S. January 1 Turkey Hatchery Estimates <sup>1</sup>**

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
							Number	Number
Eggs In Incubators	Percent 1.0	Percent 1.6	1,000 489	1,000 171	1,000 0	1,000 1,022	Number 8	Number 13

<sup>1</sup> 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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Bruce Boess - Catfish Processing, Catfish Production, Trout Production, Census of Aquaculture, Egg Products, Mink.....	(202) 720-4447

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