



# Turkey Hatchery

ISSN: 1949-1964

Released June 15, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Eggs in Incubators on June 1 Up 1 Percent from Last Year

Turkey eggs in incubators on June 1, 2011, in the United States totaled 28.9 million, up 1 percent from June 1, 2010. Eggs in incubators were up 4 percent from the May 1, 2011 total of 27.8 million eggs.

## Poults Hatched During May Down Slightly from Last Year

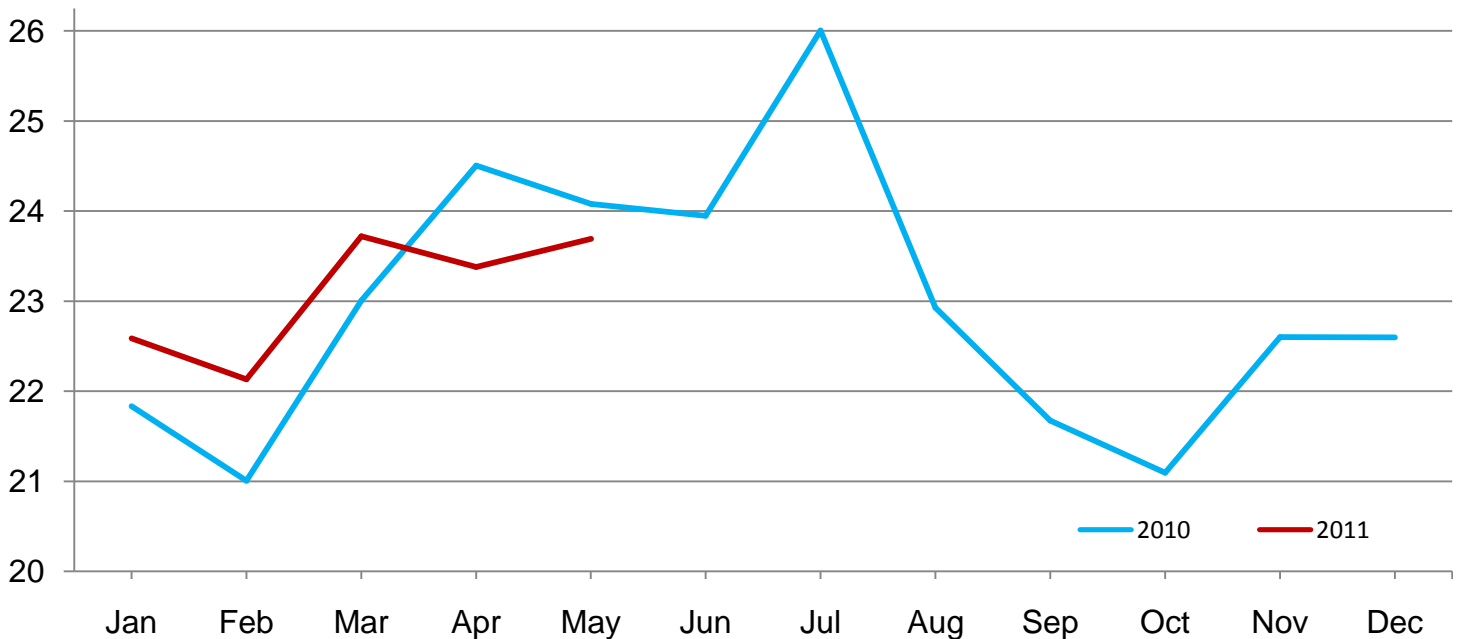
Turkey poults hatched during May 2011, in the United States totaled 24.1 million, down slightly from May 2010. Poults hatched were up 2 percent from the April 2011 total of 23.7 million poults.

## Net Poults Placed During May Down 2 Percent from Last Year

The 23.7 million net poults placed during May 2011 in the United States were down 2 percent from the number placed during the same month a year earlier. Net placements were up 1 percent from the April 2011 total of 23.4 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<br>first of month |              | Percent of<br>previous<br>year | Poults hatched<br>entire month |                | Percent of<br>previous<br>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                         | 23,735         | 96                             |
| May .....       | 28,740                               | 27,754       | 97                             | 24,207                         | 24,141         | 100                            |
| June .....      | 28,707                               | 28,946       | 101                            | 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<br>breeds |                | Percent of<br>previous<br>year | Cumulative<br>total |                | Percent of<br>previous<br>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              | 23,378         | 95                             | 175,583             | 179,774        | 102                            |
| May .....       | 24,078              | 23,693         | 98                             | 199,661             | 203,467        | 102                            |
| 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 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, 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 28.9 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 June 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                         | 263  | 2        | 886     | 18           | 6            |
| Poults hatched .....        | 0.5                    | 0.8                         | 75   | 0        | 289     | 13           | 7            |
| Net poults placements ..... | 1.1                    | 1.9                         | 187  | 18       | 779     | 15           | 9            |

## 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)

|   |                |
|---|----------------|
| Dan Kerestes, Chief, Livestock Branch .....   | (202) 720-3570 |
| Bruce Boess, Head, Poultry and Specialty Commodities Section .....  | (202) 720-4447 |
| Cody Brokmeyer – Poultry Slaughter, Turkey Hatchery, Turkeys Raised .....   | (202) 690-3237 |
| David Colwell – Cold Storage .....  | (202) 720-8784 |
| Kim Linonis – Layers, Eggs .....  | (202) 690-8632 |
| Troy Marshall – Broiler Hatchery, Chicken Hatchery, Honey .....   | (202) 720-3244 |
| Miste Salmon – Catfish Processing, Catfish Production, Trout Production,<br>Census of Aquaculture, Egg Products, Mink ..... | (202) 720-0585 |

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Receive NASS Updates” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.
- Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC 20250-9410, or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay). USDA is an equal opportunity provider and employer.