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Eggs in Incubators on May 1 Up 3 Percent from Last Year

Turkey eggs in incubators on May 1, 2023 in the United States totaled 27.4 million, up 3 percent from May 1, 2022. Eggs in incubators were up 4 percent from the April 1, 2023 total of 26.4 million eggs.

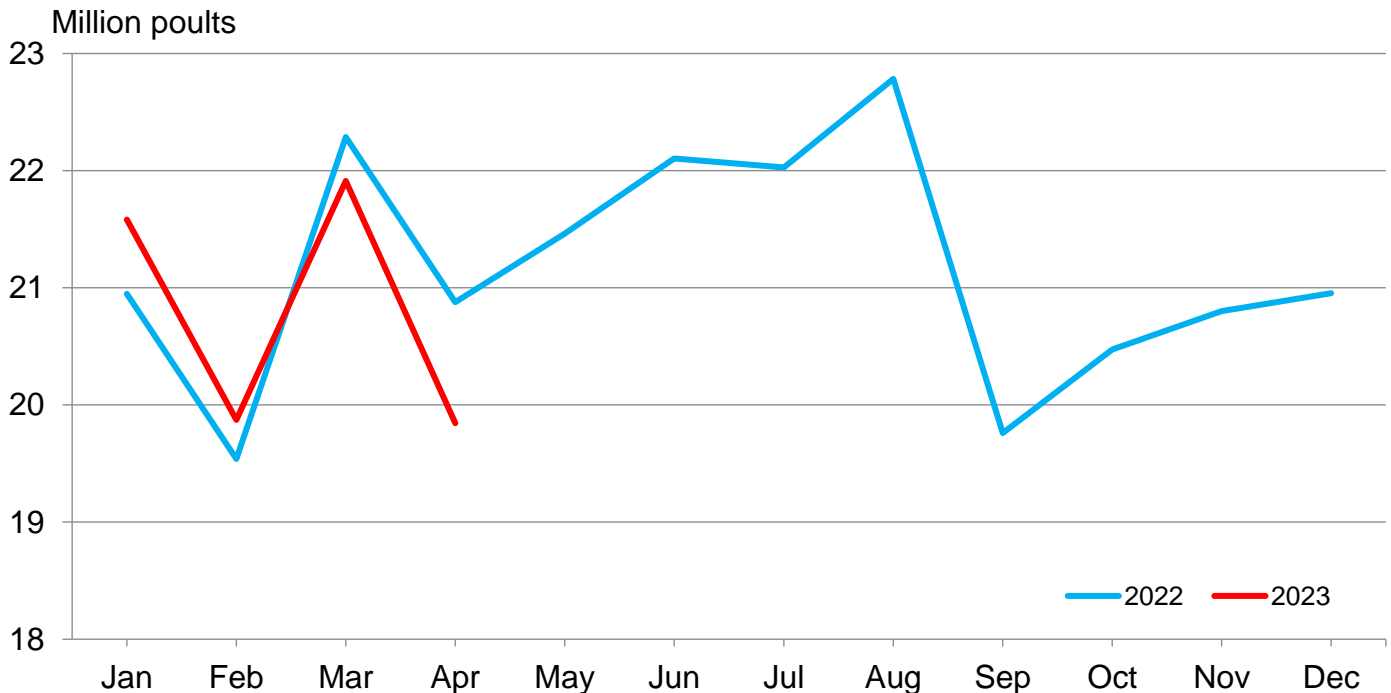
Poults Hatched During April Down 5 Percent from Last Year

Turkey poults hatched during April 2023 in the United States totaled 21.1 million, down 5 percent from April 2022. Poults hatched were down 11 percent from the March 2023 total of 23.6 million poults.

Net Poults Placed During April Down 5 Percent from Last Year

The 19.8 million net poults placed during April 2023 in the United States were down 5 percent from the number placed during the same month a year earlier. Net poult placements were down 9 percent from the March 2023 total of 21.9 million.

Net Poult Placements – United States



Eggs in Incubators and Poults Hatched by Month – United States: 2021-2023

[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
	2021-2022	2022-2023		2021-2022	2022-2023	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September	26,096	27,508	105	21,402	22,254	104
October	26,094	26,648	102	21,844	22,454	103
November	26,498	26,479	100	22,688	22,615	100
December	25,989	26,595	102	22,299	22,853	102
January	26,865	27,284	102	22,670	23,399	103
February	26,675	27,608	103	21,245	21,700	102
March	27,219	26,757	98	24,098	23,619	98
April	27,845	26,389	95	22,242	21,090	95
May	26,615	27,360	103	22,610		
June	26,329			22,971		
July	26,895			22,467		
August	27,213			23,923		

Net Poultry Placements by Month – United States: 2021-2023

[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
	2021-2022	2022-2023		2021-2022	2022-2023	
	(1,000 poults)	(1,000 poults)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September	19,052	19,760	104	19,052	19,760	104
October	19,783	20,472	103	38,835	40,232	104
November	20,685	20,802	101	59,520	61,034	103
December	20,306	20,955	103	79,826	81,989	103
January	20,948	21,582	103	100,774	103,571	103
February	19,539	19,871	102	120,313	123,442	103
March	22,286	21,912	98	142,599	145,354	102
April	20,877	19,844	95	163,476	165,198	101
May	21,461			184,937		
June	22,105			207,042		
July	22,028			229,070		
August	22,783			251,853		

Statistical Methodology

Survey Procedures: Data for turkey hatchery estimates are collected from all known turkey hatcheries. Individual NASS regional field offices maintain a list of all known turkey hatcheries and use known sources of hatcheries to update their lists. Approximately 40 hatcheries in 20 states are contacted each month. All known turkey hatcheries hatching 15,000 or more poult annually are mailed a questionnaire as close to the first of the month as possible. Adequate time is given to respond via mail, fax, or electronic data reporting. 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 regional 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 Poult Placement data include imported poult and exclude exported poult.

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 poult which will reach maturity and be available for slaughter during the calendar year.

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 through 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 2.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 27.4 million eggs by more than 2.2 percent. Chances are 9 out of 10 that the difference will not exceed 3.7 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	Months	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Eggs in incubators	2.2	3.7	440	11	1,400	13	11
Poult hatched	1.3	2.3	224	1	795	15	9
Net poult placements	1.4	2.4	205	2	750	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@usda.gov

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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@usda.gov.

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