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## Eggs in Incubators on December 1 Up 2 Percent from Last Year

Turkey eggs in incubators on December 1, 2022 in the United States totaled 26.5 million, up 2 percent from December 1, 2021. Eggs in incubators were up slightly from the November 1, 2022 total of 26.5 million eggs.

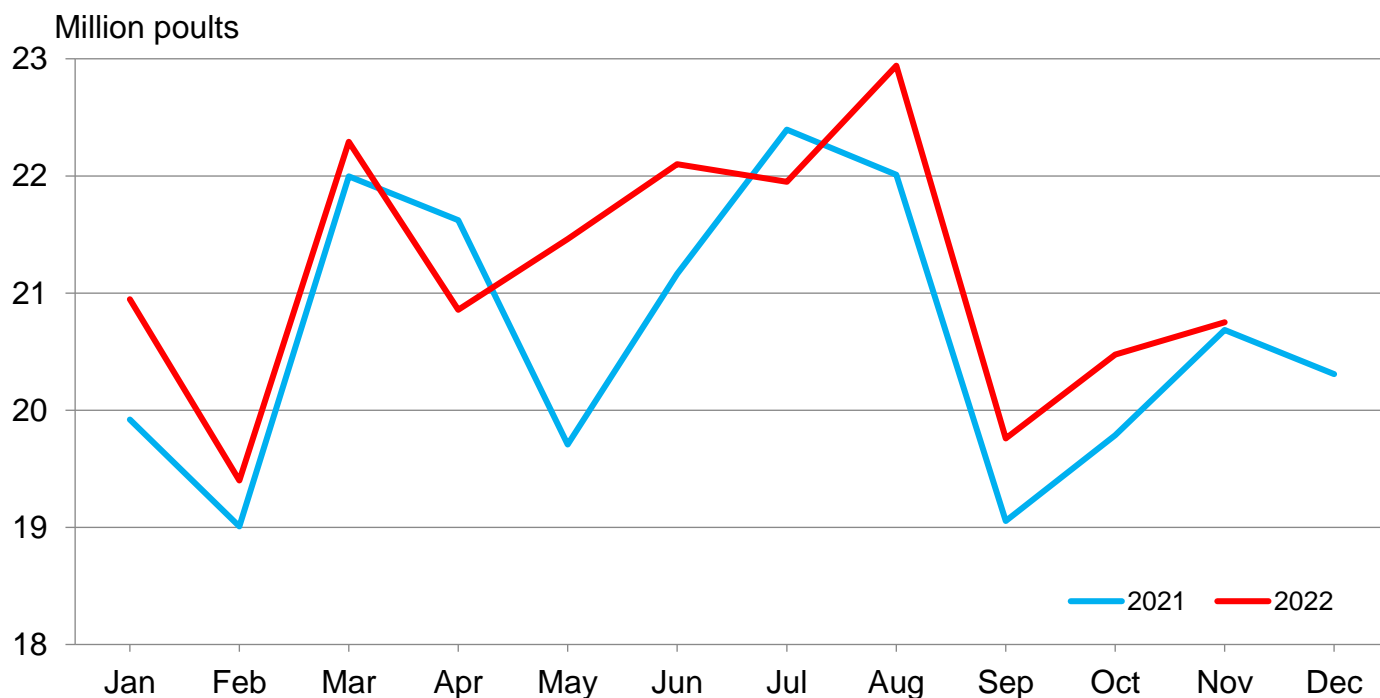
## Poults Hatched During November Down Slightly from Last Year

Turkey poults hatched during November 2022 in the United States totaled 22.6 million, down slightly from November 2021. Poults hatched were up 1 percent from the October 2022 total of 22.5 million poults.

## Net Poults Placed During November Up Slightly from Last Year

The 20.8 million net poults placed during November 2022 in the United States were up slightly from the number placed during the same month a year earlier. Net poult placements were up 1 percent from the October 2022 total of 20.5 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 .....	26,098	27,002	103	21,404	22,251	104
October .....	26,096	26,648	102	21,846	22,456	103
November .....	26,498	26,479	100	22,688	22,591	100
December .....	25,989	26,503	102	22,299		
January .....	26,854			22,670		
February .....	26,675			21,246		
March .....	27,193			24,078		
April .....	27,821			22,222		
May .....	26,600			22,596		
June .....	26,316			22,961		
July .....	26,882			22,456		
August .....	27,211			24,054		

## 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 .....	19,054	19,760	104	19,054	19,760	104
October .....	19,785	20,474	103	38,839	40,234	104
November .....	20,685	20,750	100	59,524	60,984	102
December .....	20,307			79,831		
January .....	20,946			100,777		
February .....	19,400			120,177		
March .....	22,290			142,467		
April .....	20,858			163,325		
May .....	21,460			184,785		
June .....	22,100			206,885		
July .....	21,950			228,835		
August .....	22,941			251,776		

## 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 2.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 26.5 million eggs by more than 2.3 percent. Chances are 9 out of 10 that the difference will not exceed 3.9 percent.

### Reliability of December 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 .....	2.3	3.9	475	0	1,402	10	13
Poult hatched .....	2.1	3.6	345	0	1,324	15	8
Net poult placements .....	2.1	3.7	309	0	1,343	14	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](mailto:nass@usda.gov)

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Seth Riggins – Honey, Honey Bee Colonies .....	(202) 690-4870
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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](mailto:nass@usda.gov).

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