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Eggs in Incubators on September 1 Up 4 Percent from Last Year

Turkey eggs in incubators on September 1, 2022 in the United States totaled 27.2 million, up 4 percent from September 1, 2021. Eggs in incubators were down slightly from the August 1, 2022 total of 27.2 million eggs.

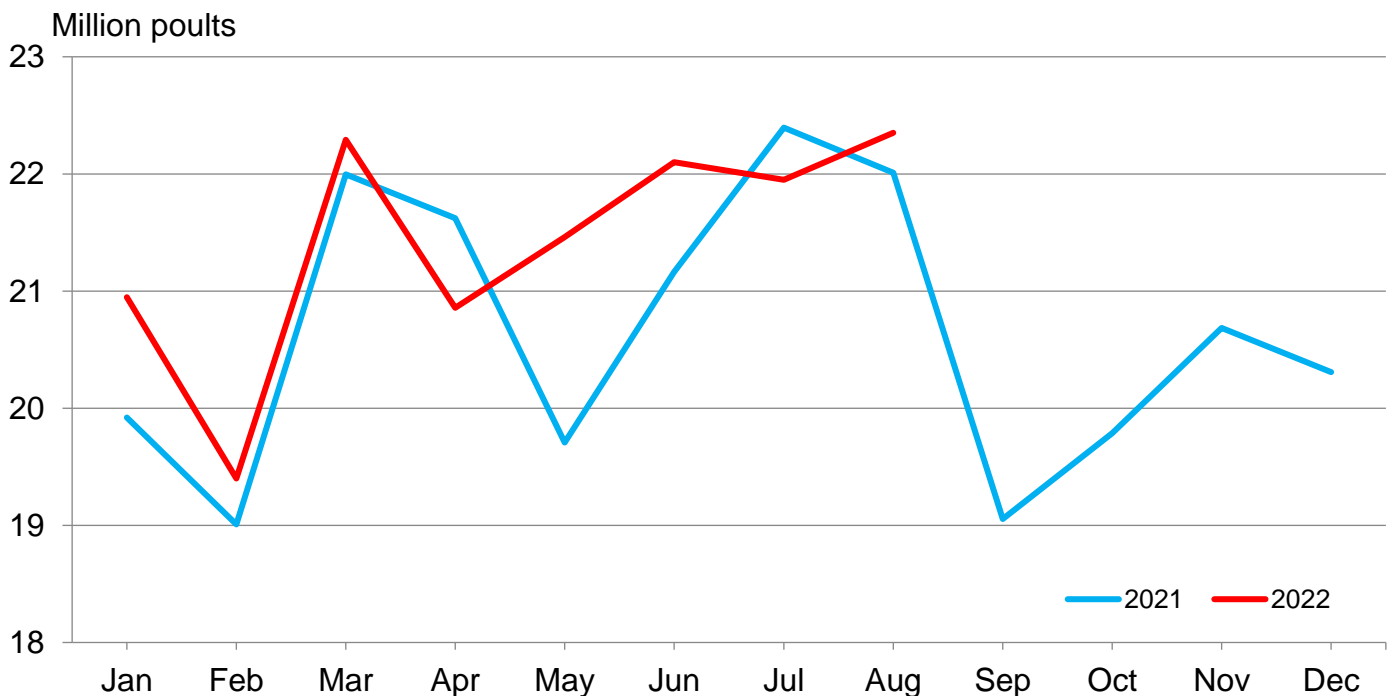
Poults Hatched During August Up 1 Percent from Last Year

Turkey poults hatched during August 2022 in the United States totaled 23.6 million, up 1 percent from August 2021. Poults hatched were up 5 percent from the July 2022 total of 22.5 million poults.

Net Poults Placed During August Up 2 Percent from Last Year

The 22.4 million net poults placed during August 2022 in the United States were up 2 percent from the number placed during the same month a year earlier. Net poult placements were up 2 percent from the July 2022 total of 22.0 million.

Net Poult Placements – United States



Eggs in Incubators and Poults Hatched by Month – United States: 2020-2023

[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		2020-2021	2021-2022	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September	26,098	27,158	104	21,701	21,404	99
October	26,096			23,290	21,846	94
November	26,498			22,230	22,688	102
December	25,989			23,090	22,299	97
January	26,854			21,502	22,670	105
February	26,675			20,709	21,246	103
March	27,193			23,274	24,078	103
April	27,821			22,597	22,222	98
May	26,600			20,912	22,596	108
June	26,316			22,098	22,961	104
July	26,882			22,939	22,456	98
August	27,211			23,265	23,554	101

Net Poultry Placements by Month – United States: 2020-2022

[Includes imports and excludes exports]

Month	Total all breeds		Percent of previous year	Cumulative total		Percent of previous year
	2020-2021	2021-2022		2020-2021	2021-2022	
	(1,000 poults)	(1,000 poults)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September	19,002	19,054	100	19,002	19,054	100
October	20,114	19,785	98	39,116	38,839	99
November	20,113	20,685	103	59,229	59,524	100
December	20,643	20,307	98	79,872	79,831	100
January	19,919	20,946	105	99,791	100,777	101
February	19,008	19,400	102	118,799	120,177	101
March	21,996	22,290	101	140,795	142,467	101
April	21,621	20,858	96	162,416	163,325	101
May	19,707	21,460	109	182,123	184,785	101
June	21,163	22,100	104	203,286	206,885	102
July	22,395	21,950	98	225,681	228,835	101
August	22,009	22,351	102	247,690	251,186	101

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 27.2 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 September 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	457	0	1,402	11	12
Poult hatched	2.1	3.6	340	0	1,324	15	8
Net poult placements	2.1	3.7	310	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

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