



Turkey Hatchery

ISSN: 1949-1964

Released April 14, 2023, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Eggs in Incubators on April 1 Down 5 Percent from Last Year

Turkey eggs in incubators on April 1, 2023 in the United States totaled 26.4 million, down 5 percent from April 1, 2022. Eggs in incubators were down 1 percent from the March 1, 2023 total of 26.8 million eggs.

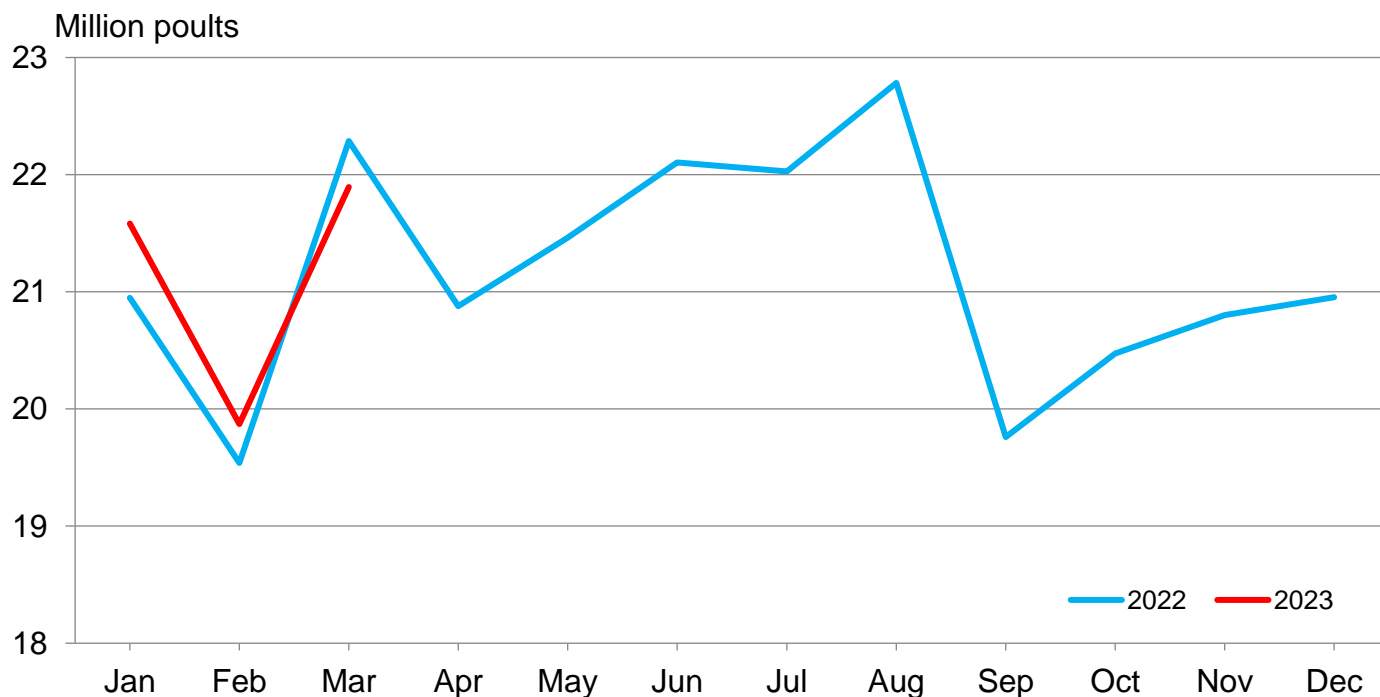
Poults Hatched During March Down 2 Percent from Last Year

Turkey poults hatched during March 2023 in the United States totaled 23.6 million, down 2 percent from March 2022. Poults hatched were up 9 percent from the February 2023 total of 21.7 million poults.

Net Poults Placed During March Down 2 Percent from Last Year

The 21.9 million net poults placed during March 2023 in the United States were down 2 percent from the number placed during the same month a year earlier. Net poult placements were up 10 percent from the February 2023 total of 19.9 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	23,571	98
April	27,845	26,402	95	22,242		
May	26,615			22,610		
June	26,329			22,971		
July	26,895			22,467		
August	27,213			23,923		

Net Poults 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	21,894	98	142,599	145,336	102
April	20,877			163,476		
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 poults 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 poults and exclude exported poults.

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 poults 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 26.4 million eggs by more than 2.2 percent. Chances are 9 out of 10 that the difference will not exceed 3.8 percent.

Reliability of April 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	3.8	458	11	1,400	14	10
Poults hatched	1.8	3.0	278	1	1,324	15	9
Net poult placements	1.9	3.2	260	2	1,332	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

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Jean Porter, Head, Poultry and Specialty Commodities Section	(202) 690-3223
Holly Brenize – Poultry Slaughter	(202) 720-0585
Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture	(202) 720-8784
Fatema Haque – Turkey Hatchery, Turkeys Raised	(202) 720-3244
Derron Martin – Chicken Hatchery, Egg Products	(202) 690-3237
Seth Riggins – Honey, Honey Bee Colonies	(202) 690-4870
Shulonda Shaw – Cold Storage, Capacity of Refrigerated Warehouses	(202) 720-3240
Autumn Stone – Layers, Eggs	(202) 690-3676
Takiyah Walker – Broiler Hatchery	(202) 720-6147

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: 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 www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

2022 CENSUS of AGRICULTURE

RESPOND TODAY

YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.

USDA United States Department of Agriculture
National Agricultural Statistics Service

#AgCensus

THERE'S STILL TIME TO RESPOND
TO THE 2022 CENSUS OF AGRICULTURE
nass.usda.gov/AgCensus

2023 USDA Spring Data Users' Meeting

April 18, 2023

FREE AND OPEN TO THE PUBLIC

Learn more and register at
nass.usda.gov/go/Data_Users

