Turkey Hatchery

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Eggs in Incubators on April 1 Down 2 Percent from Last Year

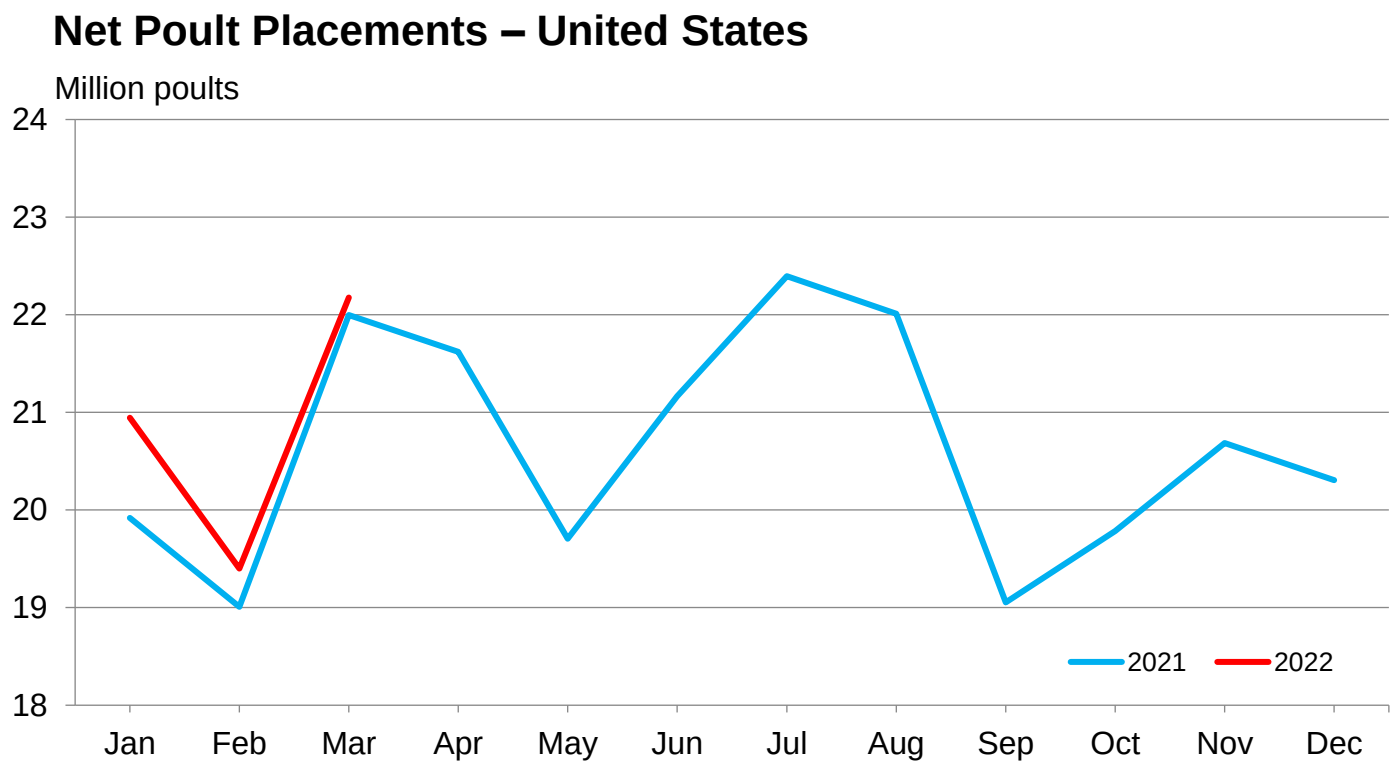
Turkey eggs in incubators on April 1, 2022 in the United States totaled 26.9 million, down 2 percent from April 1, 2021. Eggs in incubators were down 1 percent from the March 1, 2022 total of 27.2 million eggs.

Poults Hatched During March Up 3 Percent from Last Year

Turkey poults hatched during March 2022 in the United States totaled 23.9 million, up 3 percent from March 2021. Poults hatched were up 12 percent from the February 2022 total of 21.2 million poults.

Net Poults Placed During March Up 1 Percent from Last Year

The 22.2 million net poults placed during March 2022 in the United States were up 1 percent from the number placed during the same month a year earlier. Net poult placements were up 14 percent from the February 2022 total of 19.4 million.



Eggs in Incubators and Poults Hatched by Month – United States: 2020-2022

[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
	2020-2021	2021-2022		2020-2021	2021-2022	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 poults)	(1,000 poults)	(percent)
September	25,908	26,098	101	21,701	21,404	99
October	27,293	26,096	96	23,290	21,846	94
November	26,764	26,498	99	22,230	22,688	102
December	26,982	25,989	96	23,090	22,299	97
January	25,568	26,854	105	21,502	22,670	105
February	26,157	26,675	102	20,709	21,246	103
March	26,159	27,193	104	23,274	23,883	103
April	27,556	26,932	98	22,597		
May	25,428			20,912		
June	25,961			22,098		
July	26,870			22,939		
August	27,441			23,265		

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

[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
	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	22,176	101	140,795	142,353	101
April	21,621			162,416		
May	19,707			182,123		
June	21,163			203,286		
July	22,395			225,681		
August	22,009			247,690		

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 2.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 26.9 million eggs by more than 2.5 percent. Chances are 9 out of 10 that the difference will not exceed 4.3 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	2.5	4.3	504	0	1,538	11	12
Poults hatched	2.3	3.9	375	0	1,324	17	6
Net poult placements	2.6	4.4	389	0	1,564	17	6

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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- Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses ..... (202) 720-4751
- 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
- Autumn Stone – Layers, Eggs ..... (202) 690-3676
- Takiyah Walker – Broiler Hatchery ..... (202) 720-6147

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- 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.

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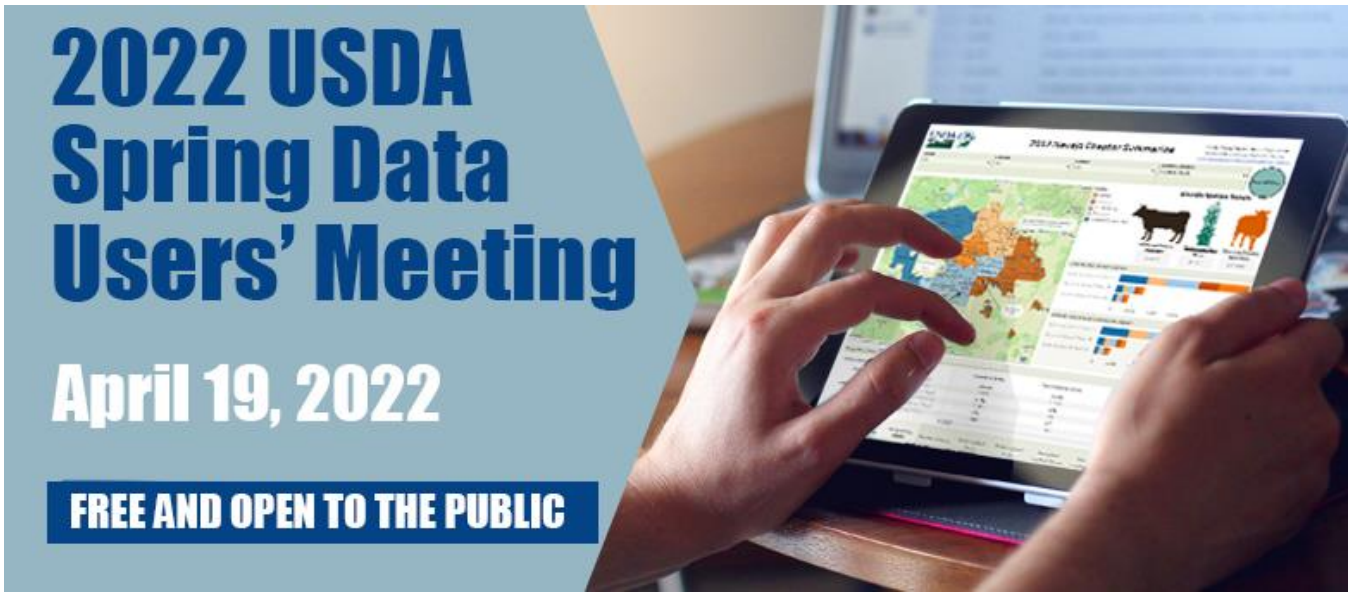

USDA Spring Data Users' Meeting

Join Us Online or in Chicago

April 19, 2022

University of Chicago – Gleacher Center
450 North Cityfront Plaza Drive
Chicago, IL 60611

USDA's National Agricultural Statistics Service (NASS) will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2022 Spring Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php).

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 20, 2022. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (http://lmic.info/page/meetings).