



Chickens and Eggs

ISSN: 1948-9064

Released November 21, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

October Egg Production Down 4 Percent

United States egg production totaled 9.13 billion during October 2022, down 4 percent from last year. Production included 7.83 billion table eggs, and 1.30 billion hatching eggs, of which 1.21 billion were broiler-type and 90.6 million were egg-type. The average number of layers during October 2022 totaled 374 million, down 4 percent from last year. October egg production per 100 layers was 2,439 eggs, up slightly from October 2021.

Total layers in the United States on November 1, 2022 totaled 375 million, down 4 percent from last year. The 375 million layers consisted of 309 million layers producing table or market type eggs, 62.6 million layers producing broiler-type hatching eggs, and 3.52 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2022, averaged 78.7 eggs per 100 layers, up slightly from November 1, 2021.

Egg-Type Chicks Hatched Up 12 Percent

Egg-type chicks hatched during October 2022 totaled 51.3 million, up 12 percent from October 2021. Eggs in incubators totaled 49.0 million on November 1, 2022, up 7 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 251 thousand during October 2022, down slightly from October 2021.

Broiler-Type Chicks Hatched Up 5 Percent

Broiler-type chicks hatched during October 2022 totaled 851 million, up 5 percent from October 2021. Eggs in incubators totaled 705 million on November 1, 2022, up slightly from a year ago.

Leading breeders placed 8.78 million broiler-type pullet chicks for future domestic hatchery supply flocks during October 2022, up 3 percent from October 2021.

This page intentionally left blank.

Contents

Average Layers During the Month – United States: 2021-2022.....	4
Egg Production During the Month by Type – United States: 2021-2022.....	4
Egg Production During the Month in Dozens by Type – United States: 2021-2022.....	4
Average Layers During the Month – United States.....	5
Total Egg Production During the Month – United States.....	5
Layers on Hand and Eggs Produced by Type and Molt – United States: September-October 2021 and 2022.....	6
Layers on Hand and Eggs Produced by Type and Molt – United States: October-November 2021 and 2022.....	7
Layers on Hand and Eggs Produced – States and United States: During September 2021 and 2022.....	8
Layers on Hand and Eggs Produced – States and United States: During October 2021 and 2022.....	9
Egg Production by Type – States and United States: September 2021 and 2022.....	10
Egg Production by Type – States and United States: October 2021 and 2022.....	11
Egg Production in Dozens by Type – States and United States: September 2021 and 2022.....	12
Egg Production in Dozens by Type – States and United States: October 2021 and 2022.....	13
Total Layers Molted First Day of the Month by Month – United States: 2021-2022.....	14
Total Layers Molted First Day of the Month – States and United States: October 1 and November 1, 2021-2022.....	14
Hatchery Production – United States: 2021 and 2022.....	15
Egg-Type Eggs in Incubators on the First of the Month – United States: 2021-2022.....	16
Egg-Type Chicks Hatched by Month – United States: 2021-2022.....	16
Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2021-2023.....	17
Broiler-Type Eggs in Incubators on the First of the Month – United States: 2021-2022.....	17
Broiler-Type Chicks Hatched – States and United States: October 2021 and 2022.....	18
Broiler-Type Chicks Hatched by Month – United States: 2021-2022.....	18
Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2021-2023.....	19
Statistical Methodology.....	20
Terms and Definitions of Chickens and Eggs Estimates.....	21
Information Contacts.....	22

Average Layers During the Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Month	2021	2022
	(1,000 layers)	(1,000 layers)
December ¹	391,887	392,761
January	393,527	390,906
February	394,594	388,868
March	393,354	380,359
April	389,924	369,689
May	385,222	366,512
June	383,040	365,829
July	383,616	368,203
August	384,693	372,108
September	386,681	373,569
October	389,730	374,413
November	392,242	

¹ December previous year.

Egg Production During the Month by Type – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,554.1	9,678.9	8,300.3	8,376.2	1,253.8	1,302.7
January	9,482.1	9,575.3	8,216.8	8,266.8	1,265.3	1,308.5
February	8,542.1	8,595.1	7,396.0	7,388.3	1,146.1	1,206.8
March	9,461.2	9,370.5	8,174.1	8,030.8	1,287.1	1,339.7
April	9,121.3	8,833.1	7,855.1	7,552.9	1,266.2	1,280.2
May	9,283.9	8,989.1	7,967.3	7,663.1	1,316.6	1,326.0
June	8,921.5	8,656.4	7,655.7	7,379.4	1,265.8	1,277.0
July	9,241.7	9,011.1	7,958.3	7,698.0	1,283.4	1,313.1
August	9,284.5	9,108.4	8,003.0	7,790.0	1,281.5	1,318.4
September	9,065.8	8,833.3	7,818.5	7,561.0	1,247.3	1,272.3
October	9,469.1	9,132.6	8,177.8	7,832.9	1,291.3	1,299.7
November	9,301.4		8,047.8		1,253.6	

¹ December previous year.

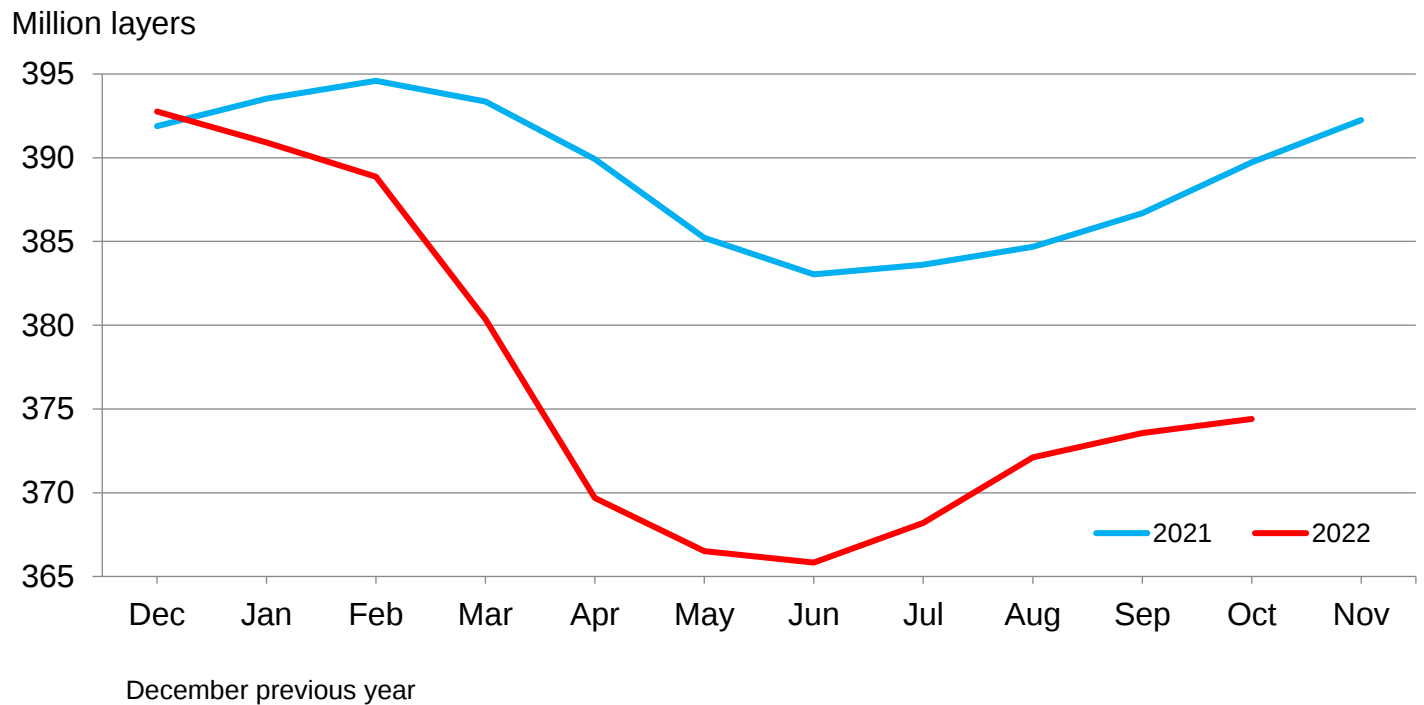
Egg Production During the Month in Dozens by Type – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

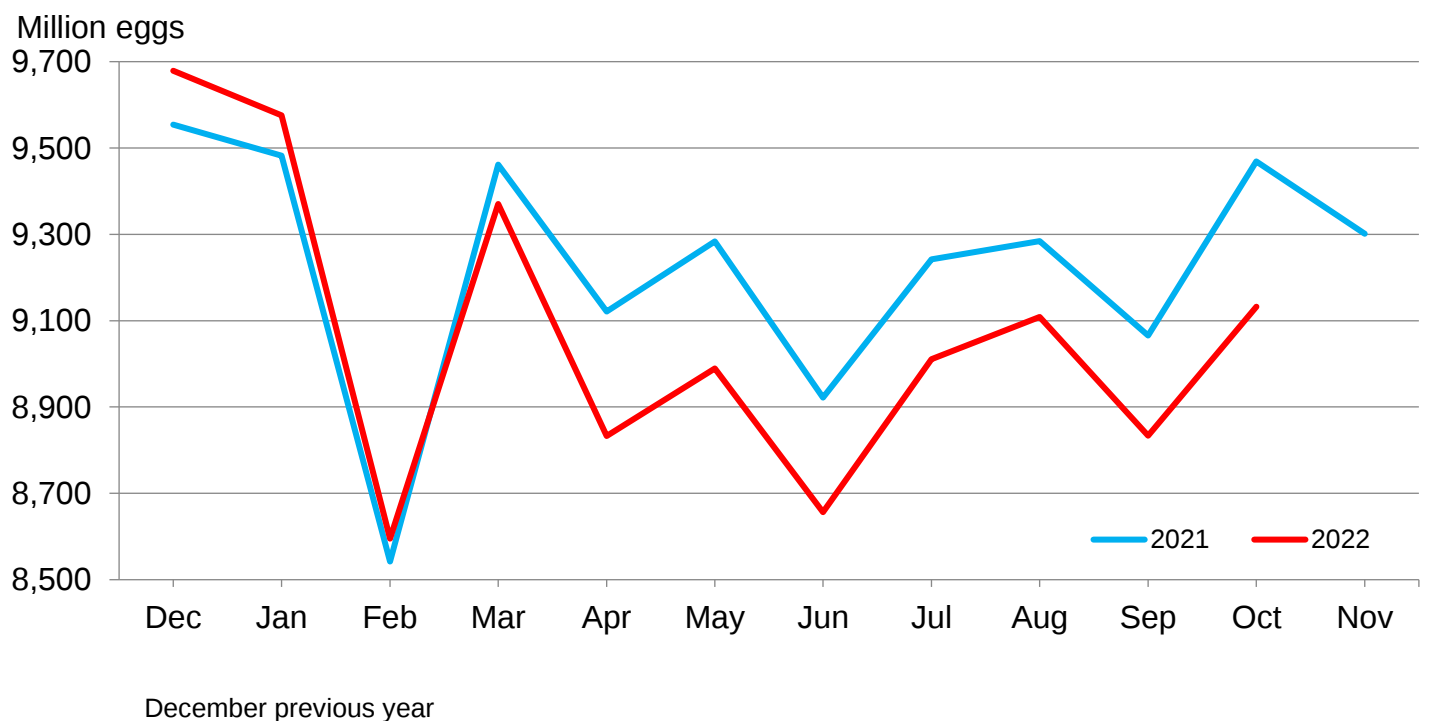
Month	Total eggs		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December ¹	796,175.0	806,574.6	691,691.7	698,016.4	104,483.3	108,558.2
January	790,175.1	797,941.0	684,733.3	688,899.1	105,441.8	109,041.9
February	711,842.5	716,258.9	616,334.0	615,692.2	95,508.5	100,566.7
March	788,433.8	780,874.7	681,175.4	669,232.9	107,258.4	111,641.8
April	760,109.0	736,092.4	654,591.7	629,408.8	105,517.3	106,683.6
May	773,658.1	749,091.6	663,941.2	638,591.8	109,716.9	110,499.8
June	743,458.6	721,366.9	637,975.2	614,950.1	105,483.4	106,416.8
July	770,141.6	750,925.2	663,191.9	641,500.3	106,949.7	109,424.9
August	773,708.2	759,032.8	666,916.7	649,166.6	106,791.5	109,866.2
September	755,483.2	736,108.3	651,541.6	630,083.3	103,941.6	106,025.0
October	789,092.0	761,049.7	681,483.6	652,741.5	107,608.4	108,308.2
November	775,116.8		670,650.2		104,466.6	

¹ December previous year.

Average Layers During the Month – United States



Total Egg Production During the Month – United States



**Layers on Hand and Eggs Produced by Type and Molt – United States:
September-October 2021 and 2022**

Item	2021	2022	2022 as percent of 2021
Layers during September			
Total layers1,000	386,681	373,569	97
Table egg type1,000	321,618	307,203	96
Hatching egg type1,000	65,063	66,366	102
Broiler-type hatching1,000	61,984	62,808	101
Egg-type hatching1,000	3,079	3,558	116
Eggs per 100 layers during September			
Total layersnumber	2,345	2,365	101
Table egg typenumber	2,431	2,461	101
Hatching egg typenumber	1,917	1,917	100
Broiler-type hatchingnumber	1,889	1,883	100
Egg-type hatchingnumber	2,491	2,521	101
Eggs produced during September			
Total layersmillion	9,065.8	8,833.3	97
Table egg typemillion	7,818.5	7,561.0	97
Hatching egg typemillion	1,247.3	1,272.3	102
Broiler-type hatchingmillion	1,170.6	1,182.6	101
Egg-type hatchingmillion	76.7	89.7	117
Eggs produced during September			
Total layers1,000 dozen	755,483.2	736,108.3	97
Table egg type1,000 dozen	651,541.6	630,083.3	97
Hatching egg type1,000 dozen	103,941.6	106,025.0	102
Broiler-type hatching1,000 dozen	97,550.0	98,550.1	101
Egg-type hatching1,000 dozen	6,391.6	7,474.9	117
Layers on October 1			
Total layers1,000	388,051	373,659	96
Table egg type1,000	323,071	307,511	95
Hatching egg type1,000	64,980	66,148	102
Broiler-type hatching1,000	61,841	62,657	101
Egg-type hatching1,000	3,139	3,491	111
Eggs per 100 layers on October 1			
Total layersnumber	78.3	78.6	100
Table egg typenumber	81.2	81.8	101
Hatching egg typenumber	64.1	63.6	99
Broiler-type hatchingnumber	63.1	62.4	99
Egg-type hatchingnumber	83.1	84.2	101
Molted layers on October 1			
Being moltedpercent	1.9	1.7	89
Molt completedpercent	14.0	11.4	81
Layers sold for slaughter during September1,000	13,047.5	12,056.8	92
Layers rendered, died, destroyed, composted or disappeared for any reason during September1,000	11,851.2	12,938.6	109
Pullets on October 11,000	124,588	126,378	101
Pullets added during September ¹1,000	28,368.5	26,825.7	95

¹ Pullet chicks less than 3 days old added to pullet flocks.

**Layers on Hand and Eggs Produced by Type and Molt – United States:
October-November 2021 and 2022**

Item	2021	2022	2022 as percent of 2021
Layers during October			
Total layers1,000	389,730	374,413	96
Table egg type1,000	324,650	308,266	95
Hatching egg type1,000	65,080	66,147	102
Broiler-type hatching1,000	61,821	62,641	101
Egg-type hatching1,000	3,259	3,506	108
Eggs per 100 layers during October			
Total layersnumber	2,430	2,439	100
Table egg typenumber	2,519	2,541	101
Hatching egg typenumber	1,984	1,965	99
Broiler-type hatchingnumber	1,955	1,930	99
Egg-type hatchingnumber	2,531	2,584	102
Eggs produced during October			
Total layersmillion	9,469.1	9,132.6	96
Table egg typemillion	8,177.8	7,832.9	96
Hatching egg typemillion	1,291.3	1,299.7	101
Broiler-type hatchingmillion	1,208.8	1,209.1	100
Egg-type hatchingmillion	82.5	90.6	110
Eggs produced during October			
Total layers1,000 dozen	789,092.0	761,049.7	96
Table egg type1,000 dozen	681,483.6	652,741.5	96
Hatching egg type1,000 dozen	107,608.4	108,308.2	101
Broiler-type hatching1,000 dozen	100,733.4	100,758.1	100
Egg-type hatching1,000 dozen	6,875.0	7,550.1	110
Layers on November 1			
Total layers1,000	391,369	375,132	96
Table egg type1,000	326,212	309,003	95
Hatching egg type1,000	65,157	66,129	101
Broiler-type hatching1,000	61,786	62,612	101
Egg-type hatching1,000	3,371	3,517	104
Eggs per 100 layers on November 1			
Total layersnumber	78.4	78.7	100
Table egg typenumber	81.3	82.0	101
Hatching egg typenumber	63.9	63.2	99
Broiler-type hatchingnumber	63.0	62.1	99
Egg-type hatchingnumber	80.1	82.8	103
Molted layers on November 1			
Being moltedpercent	1.8	1.3	72
Molt completedpercent	13.8	11.6	84
Layers sold for slaughter during October1,000	12,283.3	11,962.6	97
Layers rendered, died, destroyed, composted or disappeared for any reason during October1,000	10,141.0	10,072.3	99
Pullets on November 11,000	123,596	127,301	103
Pullets added during October ¹1,000	26,427.1	26,205.6	99

¹ Pullet chicks less than 3 days old added to pullet flocks.

Layers on Hand and Eggs Produced – States and United States: During September 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,421	1,372	10,669	11,577	1,893	1,892
Arkansas	(D)	(D)	16,552	15,362	2,129	2,090
California	13,141	13,048	13,801	13,696	2,367	2,344
Colorado	4,162	1,385	4,670	1,913	2,490	2,384
Georgia	9,080	9,625	19,511	19,955	2,078	2,121
Illinois	5,869	6,835	6,428	7,396	2,408	2,253
Indiana	35,023	35,873	36,300	37,106	2,453	2,424
Iowa	46,901	38,203	48,806	40,143	2,529	2,531
Kentucky	(D)	(D)	5,517	5,458	2,210	2,131
Maryland	2,246	1,951	2,455	2,152	2,452	2,565
Michigan	15,227	16,551	15,522	16,871	2,457	2,473
Minnesota	7,707	8,198	8,248	8,722	2,458	2,479
Mississippi	(D)	(D)	5,305	5,690	2,083	2,056
Missouri	7,452	7,450	13,347	13,642	2,445	2,440
Nebraska	7,538	5,833	8,186	6,485	2,446	2,356
New York	5,153	5,192	5,710	5,756	2,525	2,507
North Carolina	6,722	6,995	14,955	15,658	2,164	2,151
Ohio	34,110	35,257	35,431	36,584	2,448	2,476
Oklahoma	(D)	(D)	2,506	2,395	1,856	1,946
Oregon	1,855	1,770	2,026	1,941	2,512	2,597
Pennsylvania	28,079	22,495	30,721	25,458	2,139	2,532
South Carolina	2,266	2,370	3,515	3,632	2,102	2,271
South Dakota	1,886	1,778	1,941	1,833	2,561	2,662
Texas	(D)	(D)	22,702	22,885	2,292	2,301
Utah	5,711	5,373	5,763	5,425	2,585	2,476
Virginia	597	827	2,363	2,683	2,213	2,341
Washington	6,420	6,497	6,584	6,661	2,517	2,549
Wisconsin	5,683	4,577	6,835	5,708	2,443	2,528
Other States ¹	24,300	24,664	30,312	30,782	2,352	2,326
United States	304,964	290,405	386,681	373,569	2,345	2,365

(D) Withheld to avoid disclosing data for individual operations.

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During October 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,412	1,424	10,656	11,302	1,975	1,965
Arkansas	(D)	(D)	16,385	15,605	2,242	2,150
California	13,150	12,845	13,793	13,476	2,439	2,383
Colorado	4,346	1,186	4,854	1,714	2,499	2,450
Georgia	9,456	10,042	19,887	20,249	2,199	2,189
Illinois	5,962	6,659	6,520	7,219	2,446	2,390
Indiana	34,992	35,885	36,277	37,134	2,551	2,515
Iowa	47,215	39,026	49,134	40,966	2,620	2,604
Kentucky	(D)	(D)	5,415	5,507	2,303	2,217
Maryland	2,235	2,041	2,444	2,246	2,529	2,654
Michigan	15,450	16,750	15,745	17,070	2,594	2,525
Minnesota	7,795	8,133	8,349	8,662	2,546	2,561
Mississippi	(D)	(D)	5,425	5,737	2,122	2,177
Missouri	7,340	7,547	13,257	13,697	2,528	2,608
Nebraska	7,597	6,258	8,276	6,923	2,492	2,370
New York	5,169	5,191	5,726	5,754	2,592	2,595
North Carolina	6,991	6,707	15,197	15,293	2,208	2,211
Ohio	34,447	34,406	35,795	35,738	2,522	2,516
Oklahoma	(D)	(D)	2,442	2,377	1,974	2,019
Oregon	1,944	1,794	2,115	1,965	2,643	2,606
Pennsylvania	27,922	22,956	30,652	25,941	2,201	2,600
South Carolina	2,321	2,321	3,579	3,572	2,272	2,321
South Dakota	2,024	1,814	2,079	1,869	2,665	2,718
Texas	(D)	(D)	23,181	23,041	2,370	2,400
Utah	5,865	5,365	5,917	5,417	2,587	2,594
Virginia	698	827	2,443	2,673	2,260	2,319
Washington	6,392	6,388	6,556	6,552	2,628	2,653
Wisconsin	5,995	4,564	7,154	5,700	2,545	2,607
Other States ¹	24,454	24,677	30,477	31,014	2,445	2,396
United States	307,996	291,514	389,730	374,413	2,430	2,439

(D) Withheld to avoid disclosing data for individual operations.

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: September 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	202.0	219.0	36.0	36.2	166.0	182.8
Arkansas	352.4	321.0	(D)	(D)	(D)	(D)
California	326.7	321.1	(D)	(D)	(D)	(D)
Colorado	116.3	45.6	(D)	(D)	(D)	(D)
Georgia	405.4	423.2	210.5	229.4	194.9	193.8
Illinois	154.8	166.6	151.2	162.8	3.6	3.8
Indiana	890.4	899.5	875.1	885.0	15.3	14.5
Iowa	1,234.1	1,016.1	1,211.8	995.0	22.3	21.1
Kentucky	121.9	116.3	(D)	(D)	(D)	(D)
Maryland	60.2	55.2	58.8	53.7	1.4	1.5
Michigan	381.3	417.3	(D)	(D)	(D)	(D)
Minnesota	202.7	216.2	194.7	208.3	8.0	7.9
Mississippi	110.5	117.0	(D)	(D)	(D)	(D)
Missouri	326.4	332.9	289.0	290.6	37.4	42.3
Nebraska	200.2	152.8	188.5	140.5	11.7	12.3
New York	144.2	144.3	(D)	(D)	(D)	(D)
North Carolina	323.7	336.8	172.8	174.0	150.9	162.8
Ohio	867.2	905.9	(D)	(D)	(D)	(D)
Oklahoma	46.5	46.6	(D)	(D)	(D)	(D)
Oregon	50.9	50.4	50.9	50.4	-	-
Pennsylvania	657.0	644.5	626.3	604.7	30.7	39.8
South Carolina	73.9	82.5	51.7	60.1	22.2	22.4
South Dakota	49.7	48.8	49.7	48.8	-	-
Texas	520.4	526.6	(D)	(D)	(D)	(D)
Utah	149.0	134.3	149.0	134.3	-	-
Virginia	52.3	62.8	24.7	33.0	27.6	29.8
Washington	165.7	169.8	(D)	(D)	(D)	(D)
Wisconsin	167.0	144.3	161.3	138.2	5.7	6.1
Other States ¹	713.0	715.9	638.7	641.8	74.3	74.1
United States	9,065.8	8,833.3	7,818.5	7,561.0	1,247.3	1,272.3

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: October 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	210.5	222.1	38.7	39.6	171.8	182.5
Arkansas	367.3	335.5	(D)	(D)	(D)	(D)
California	336.4	321.2	(D)	(D)	(D)	(D)
Colorado	121.3	42.0	(D)	(D)	(D)	(D)
Georgia	437.4	443.2	237.6	243.9	199.8	199.3
Illinois	159.5	172.5	155.7	168.5	3.8	4.0
Indiana	925.4	933.9	910.1	918.3	15.3	15.6
Iowa	1,287.5	1,066.6	1,266.4	1,044.9	21.1	21.7
Kentucky	124.7	122.1	(D)	(D)	(D)	(D)
Maryland	61.8	59.6	60.3	58.0	1.5	1.6
Michigan	408.4	431.1	(D)	(D)	(D)	(D)
Minnesota	212.6	221.8	204.4	214.1	8.2	7.7
Mississippi	115.1	124.9	(D)	(D)	(D)	(D)
Missouri	335.2	357.2	296.4	313.4	38.8	43.8
Nebraska	206.2	164.1	193.5	151.6	12.7	12.5
New York	148.4	149.3	(D)	(D)	(D)	(D)
North Carolina	335.5	338.1	180.1	172.7	155.4	165.4
Ohio	902.9	899.2	(D)	(D)	(D)	(D)
Oklahoma	48.2	48.0	(D)	(D)	(D)	(D)
Oregon	55.9	51.2	55.9	51.2	-	-
Pennsylvania	674.8	674.5	641.2	633.2	33.6	41.3
South Carolina	81.3	82.9	58.5	60.1	22.8	22.8
South Dakota	55.4	50.8	55.4	50.8	-	-
Texas	549.5	552.9	(D)	(D)	(D)	(D)
Utah	153.1	140.5	153.1	140.5	-	-
Virginia	55.2	62.0	26.8	32.1	28.4	29.9
Washington	172.3	173.8	(D)	(D)	(D)	(D)
Wisconsin	182.1	148.6	176.0	142.3	6.1	6.3
Other States ¹	745.2	743.0	669.1	668.7	76.1	74.3
United States	9,469.1	9,132.6	8,177.8	7,832.9	1,291.3	1,299.7

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: September 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	16,833.3	18,249.9	3,000.0	3,016.6	13,833.3	15,233.3
Arkansas	29,366.7	26,750.1	(D)	(D)	(D)	(D)
California	27,225.0	26,758.4	(D)	(D)	(D)	(D)
Colorado	9,691.7	3,800.1	(D)	(D)	(D)	(D)
Georgia	33,783.3	35,266.7	17,541.7	19,116.7	16,241.6	16,150.0
Illinois	12,900.0	13,883.3	12,600.0	13,566.6	300.0	316.7
Indiana	74,200.0	74,958.4	72,925.0	73,750.0	1,275.0	1,208.4
Iowa	102,841.6	84,675.0	100,983.3	82,916.7	1,858.3	1,758.3
Kentucky	10,158.4	9,691.6	(D)	(D)	(D)	(D)
Maryland	5,016.7	4,600.0	4,900.0	4,475.0	116.7	125.0
Michigan	31,775.0	34,775.0	(D)	(D)	(D)	(D)
Minnesota	16,891.6	18,016.7	16,225.0	17,358.3	666.6	658.4
Mississippi	9,208.4	9,750.0	(D)	(D)	(D)	(D)
Missouri	27,200.0	27,741.6	24,083.3	24,216.6	3,116.7	3,525.0
Nebraska	16,683.3	12,733.4	15,708.3	11,708.4	975.0	1,025.0
New York	12,016.6	12,025.0	(D)	(D)	(D)	(D)
North Carolina	26,975.0	28,066.7	14,400.0	14,500.0	12,575.0	13,566.7
Ohio	72,266.6	75,491.6	(D)	(D)	(D)	(D)
Oklahoma	3,874.9	3,883.4	(D)	(D)	(D)	(D)
Oregon	4,241.6	4,200.0	4,241.6	4,200.0	-	-
Pennsylvania	54,750.0	53,708.2	52,191.6	50,391.6	2,558.4	3,316.6
South Carolina	6,158.3	6,875.0	4,308.3	5,008.3	1,850.0	1,866.7
South Dakota	4,141.7	4,066.7	4,141.7	4,066.7	-	-
Texas	43,366.6	43,883.4	(D)	(D)	(D)	(D)
Utah	12,416.6	11,191.6	12,416.6	11,191.6	-	-
Virginia	4,358.3	5,233.3	2,058.3	2,750.0	2,300.0	2,483.3
Washington	13,808.4	14,150.0	(D)	(D)	(D)	(D)
Wisconsin	13,916.7	12,024.9	13,441.7	11,516.6	475.0	508.3
Other States ¹	59,416.9	59,658.3	53,225.2	53,483.4	6,191.7	6,174.9
United States	755,483.2	736,108.3	651,541.6	630,083.3	103,941.6	106,025.0

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: October 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	17,541.7	18,508.3	3,225.0	3,300.0	14,316.7	15,208.3
Arkansas	30,608.4	27,958.3	(D)	(D)	(D)	(D)
California	28,033.4	26,766.6	(D)	(D)	(D)	(D)
Colorado	10,108.3	3,499.9	(D)	(D)	(D)	(D)
Georgia	36,450.0	36,933.4	19,800.0	20,325.0	16,650.0	16,608.4
Illinois	13,291.7	14,375.0	12,975.0	14,041.7	316.7	333.3
Indiana	77,116.7	77,825.0	75,841.7	76,525.0	1,275.0	1,300.0
Iowa	107,291.7	88,883.4	105,533.3	87,075.0	1,758.4	1,808.4
Kentucky	10,391.7	10,175.0	(D)	(D)	(D)	(D)
Maryland	5,150.0	4,966.7	5,025.0	4,833.3	125.0	133.4
Michigan	34,033.3	35,925.0	(D)	(D)	(D)	(D)
Minnesota	17,716.7	18,483.3	17,033.3	17,841.6	683.4	641.7
Mississippi	9,591.6	10,408.3	(D)	(D)	(D)	(D)
Missouri	27,933.3	29,766.6	24,700.0	26,116.6	3,233.3	3,650.0
Nebraska	17,183.3	13,674.9	16,125.0	12,633.3	1,058.3	1,041.6
New York	12,366.7	12,441.6	(D)	(D)	(D)	(D)
North Carolina	27,958.4	28,175.0	15,008.4	14,391.7	12,950.0	13,783.3
Ohio	75,241.7	74,933.3	(D)	(D)	(D)	(D)
Oklahoma	4,016.7	3,999.9	(D)	(D)	(D)	(D)
Oregon	4,658.3	4,266.7	4,658.3	4,266.7	-	-
Pennsylvania	56,233.3	56,208.4	53,433.3	52,766.7	2,800.0	3,441.7
South Carolina	6,775.0	6,908.3	4,875.0	5,008.3	1,900.0	1,900.0
South Dakota	4,616.7	4,233.3	4,616.7	4,233.3	-	-
Texas	45,791.8	46,075.1	(D)	(D)	(D)	(D)
Utah	12,758.3	11,708.3	12,758.3	11,708.3	-	-
Virginia	4,599.9	5,166.6	2,233.3	2,675.0	2,366.6	2,491.6
Washington	14,358.3	14,483.3	(D)	(D)	(D)	(D)
Wisconsin	15,174.9	12,383.4	14,666.6	11,858.4	508.3	525.0
Other States ¹	62,100.2	61,916.8	55,758.5	55,725.2	6,341.7	6,191.6
United States	789,092.0	761,049.7	681,483.6	652,741.5	107,608.4	108,308.2

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Not published separately to avoid disclosing individual operations.

Total Layers Molted First Day of the Month by Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Month	Being molted		Molt completed	
	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)
January	2.3	1.1	13.9	12.6
February	1.9	1.8	14.5	11.6
March	1.7	1.7	14.8	12.1
April	1.4	1.2	14.1	12.6
May	2.6	1.2	12.9	12.8
June	2.4	2.2	12.9	12.1
July	2.1	1.7	13.7	12.3
August	2.1	1.3	13.2	12.3
September	1.9	1.8	13.8	11.6
October	1.9	1.7	14.0	11.4
November	1.8	1.3	13.8	11.6
December	1.0		13.6	

Total Layers Molted First Day of the Month – States and United States: October 1 and November 1, 2021-2022

State	Being molted				Molt completed			
	October 1		November 1		October 1		November 1	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	0.5	0.5	5.0	4.0	5.5	4.5
Arkansas	1.0	0.5	1.5	1.0	12.0	7.0	11.0	6.5
California	-	1.5	-	1.5	8.0	2.5	7.5	4.0
Colorado	8.0	1.0	-	1.5	8.0	0.5	13.0	-
Georgia	0.5	2.0	0.5	1.5	12.5	8.5	12.5	10.0
Illinois	10.5	10.5	17.5	8.5	4.5	20.0	11.0	20.5
Indiana	2.5	0.5	1.0	1.0	12.0	7.5	13.0	7.5
Iowa	1.5	0.5	0.5	0.5	12.0	9.0	11.5	8.0
Kentucky	3.5	5.0	3.0	1.5	-	3.0	0.5	8.0
Maryland	-	-	-	-	-	-	-	-
Michigan	-	0.5	1.0	-	2.0	4.5	2.0	4.5
Minnesota	3.0	0.5	1.0	2.0	8.5	3.5	11.0	3.5
Mississippi	2.5	3.0	3.0	2.0	17.0	22.0	16.5	22.5
Missouri	-	-	1.0	-	10.0	2.0	6.0	1.5
Nebraska	-	1.0	-	1.0	2.5	1.0	3.0	1.5
New York	-	1.0	-	0.5	3.5	1.5	3.5	1.5
North Carolina	0.5	0.5	0.5	0.5	12.0	6.5	12.0	7.0
Ohio	1.5	1.0	1.5	1.0	15.5	10.5	13.0	9.5
Oklahoma	-	3.5	6.0	3.0	10.0	27.5	10.0	27.5
Oregon	1.5	-	-	-	1.5	-	1.5	-
Pennsylvania	2.5	1.0	2.5	0.5	2.5	2.0	3.5	2.0
South Carolina	3.0	5.5	-	3.0	20.5	22.5	22.5	24.0
South Dakota	2.0	-	2.0	-	-	-	3.5	-
Texas	7.5	5.0	6.5	3.0	57.5	54.5	57.0	56.0
Utah	2.5	4.5	6.0	-	34.5	24.5	30.5	26.5
Virginia	-	1.5	-	-	-	4.5	-	4.5
Washington	0.5	2.0	2.0	1.5	18.0	8.0	13.0	9.5
Wisconsin	-	0.5	-	0.5	12.5	8.5	10.5	8.5
Other States ¹	1.6	4.2	1.6	2.8	24.6	20.8	23.8	21.4
United States	1.9	1.7	1.8	1.3	14.0	11.4	13.8	11.6

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2021 and 2022

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on November 1	45,906	49,020	107
Chicks hatched during October	45,949	51,286	112
Chicks hatched January through October	533,640	536,631	101
 Pullets hatched during October for intended placements:			
Hatchery supply flocks	252	251	100
Cumulative potential placements 7-18 months earlier ¹	3,349	3,084	92
 Broiler-type			
Eggs in incubators on November 1	702,903	705,411	100
Chicks hatched during October	810,633	851,021	105
Chicks hatched January through October	8,237,351	8,368,964	102
 Pullets hatched during October for intended placements:			
Hatchery supply flocks	8,566	8,783	103
Cumulative potential placements 7-15 months earlier ²	74,395	78,191	105

¹ 2022 includes pullet chicks hatched April 2021 through March 2022.

² 2022 includes pullet chicks hatched July 2021 through March 2022.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
January	50,749	46,378	91
February	53,531	51,822	97
March	59,970	57,677	96
April	55,559	57,156	103
May	54,352	51,046	94
June	51,711	49,652	96
July	51,357	45,360	88
August	44,913	49,852	111
September	45,159	49,192	109
October	46,626	47,868	103
November	45,906	49,020	107
December	48,107		

Egg-Type Chicks Hatched by Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	50,982	49,048	96	50,982	49,048	96
February	52,273	51,796	99	103,255	100,844	98
March	62,319	60,099	96	165,574	160,943	97
April	59,787	50,636	85	225,361	211,579	94
May	57,729	57,802	100	283,090	269,381	95
June	54,339	56,816	105	337,429	326,197	97
July	50,954	49,915	98	388,383	376,112	97
August	49,682	55,991	113	438,065	432,103	99
September	49,626	53,242	107	487,691	485,345	100
October	45,949	51,286	112	533,640	536,631	101
November	45,798			579,438		
December	48,209			627,647		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2021-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	279	261	94	3,360	2,919
February	202	276	137	3,265	2,886
March	327	199	61	3,225	2,805
April	266	208	78	3,313	2,779
May	306	269	88	3,368	2,778
June	288	218	76	3,403	
July	199	166	83	3,156	
August	330	249	75	3,138	
September	289	263	91	3,212	
October	252	251	100	3,084	
November	204			3,026	
December	214			2,989	
Annual total	3,156				

¹ For October 2022, includes breeder pullet chicks hatched April 2021 through March 2022. The 7-18 months represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements.

Broiler-Type Eggs in Incubators on the First of the Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
January	712,232	712,702	100
February	702,015	715,910	102
March	708,541	719,191	102
April	717,682	721,163	100
May	717,759	721,523	101
June	721,061	728,799	101
July	714,380	724,571	101
August	715,341	727,488	102
September	709,733	734,139	103
October	693,894	720,159	104
November	702,903	705,411	100
December	723,998		

Broiler-Type Chicks Hatched – States and United States: October 2021 and 2022

State	During October			January-October		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	115,030	120,983	105	1,165,530	1,209,139	104
Arkansas	82,290	88,403	107	834,712	860,776	103
Delaware	14,284	17,430	122	157,112	173,467	110
Florida	4,346	4,278	98	41,349	41,404	100
Georgia	116,069	122,644	106	1,176,164	1,202,869	102
Kentucky	25,980	22,977	88	262,792	206,545	79
Louisiana	10,543	11,834	112	114,375	114,152	100
Maryland	28,021	28,814	103	279,969	280,763	100
Mississippi	60,393	60,621	100	612,665	596,643	97
Missouri	33,226	34,599	104	329,360	338,957	103
North Carolina	83,367	88,512	106	864,634	901,131	104
Oklahoma	23,864	26,037	109	243,106	256,858	106
Pennsylvania	23,741	25,141	106	231,371	233,494	101
South Carolina	19,909	20,146	101	196,454	186,974	95
Texas	60,716	65,889	109	625,494	650,196	104
Virginia	23,400	23,515	100	230,321	232,238	101
California, Tennessee, and West Virginia	42,709	46,327	108	439,543	455,306	104
Other States ¹	42,745	42,871	100	432,400	428,052	99
United States	810,633	851,021	105	8,237,351	8,368,964	102

¹ Not published separately to avoid disclosing data for individual operations.

Broiler-Type Chicks Hatched by Month – United States: 2021-2022

[Blank data cells indicate estimation period has not yet begun]

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	848,743	839,265	99	848,743	839,265	99
February	757,377	758,932	100	1,606,120	1,598,197	100
March	840,635	844,719	100	2,446,755	2,442,916	100
April	821,252	821,754	100	3,268,007	3,264,670	100
May	850,488	854,115	100	4,118,495	4,118,785	100
June	823,316	835,072	101	4,941,811	4,953,857	100
July	843,578	859,263	102	5,785,389	5,813,120	100
August	840,314	865,459	103	6,625,703	6,678,579	101
September	801,015	839,364	105	7,426,718	7,517,943	101
October	810,633	851,021	105	8,237,351	8,368,964	102
November	798,600			9,035,951		
December	846,240			9,882,191		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2021-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	8,095	7,880	97	74,605	76,325
February	8,245	8,499	103	75,156	75,295
March	8,232	9,296	113	76,097	74,989
April	8,110	7,935	98	77,914	74,146
May	8,708	8,468	97	78,385	75,049
June	9,546	8,709	91	78,126	
July	8,623	7,536	87	78,880	
August	8,737	7,680	88	78,650	
September	9,618	8,143	85	78,441	
October	8,566	8,783	103	78,191	
November	7,986			77,503	
December	8,986			77,234	
Annual total	103,452				
Total placements ²					
January	9,811	9,370	96		
February	9,954	10,423	105		
March	9,996	11,023	110		
April	9,908	9,212	93		
May	10,148	9,962	98		
June	11,179	10,338	92		
July	10,079	8,847	88		
August	10,585	9,053	86		
September	11,250	9,621	86		
October	10,401	10,208	98		
November	9,226				
December	10,587				
Annual total	123,124				

¹ For October 2022, includes breeder pullet chicks hatched July 2021 through March 2022.

² United States production of intended placements worldwide.

Terms and Definitions of Chickens and Eggs Estimates

Total Layers includes both table egg and hatching egg flocks regardless of size.

Intended Placements are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

Molted Layers is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

Statistical Methodology

Survey Procedures: Primary data for the *Chickens and Eggs* report are from weekly and/or monthly questionnaires sent to producers. An attempt is made to collect information for layer and egg estimates from each known contractor and independent producer who has at least 30,000 table egg layers, flocks of hatchery supply layers, or pullet only operations with at least 500 pullets. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 500 contractors, independent egg producers, and pullet only operations are contacted each month. Data for broiler hatchery estimates are collected weekly from all broiler-type hatcheries that hatch at least one million chicks a year. Data for egg-type hatchery estimates are collected monthly from all egg-type hatcheries that hatch at least 50,000 chicks a year.

Estimating Procedures: Sound statistical methodology is employed to derive estimates from the 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 are 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.

For chicken hatcheries, chicks hatched consist of all chicks of domesticated breeds including males and chicks destined for hatchery supply flocks and research purposes. Eggs set are eggs in incubators for the purpose of hatching. The relationship of egg-type chicks hatched to chicken inventory and poultry marketings are carefully monitored. The disposition of egg-type chicks hatched prior to placement into the laying flock can vary significantly, which can make comparisons to changes in layer inventory inconsistent over time. Broiler chicks placed are specifically for meat production. Intended placement data reported by leading breeders include pullet chicks expected from eggs sold the preceding month. The breeders in this report account for a large percentage of replacement pullets for hatchery supply flocks. Production of replacement pullets by these breeders indicates the number of pullets available to hatchery supply layer flocks several months before the pullets will actually move into the laying flocks. “Hatchery Supply Flocks” include all generations of layers which could lay eggs to supply a hatchery. This includes the generations of parents, grandparents, great-grandparents, pedigree, etc. Also included are research flocks, vaccine flocks, and specific pathogen-free flocks. The broiler cumulative potential placements are a moving total of the intended placements 7-15 months earlier. The egg-type cumulative potential placements of 7-18 months earlier represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements of egg-type hatching flocks.

Revision Policy: The previous month's estimates are subject to revision if late reports or corrected data indicates a different level. Additionally, revisions after the monthly report will be made at the end of the marketing year and published in the annual reports of *Chickens and Eggs Summary* and *Hatchery Production Summary*. Estimates will also be reviewed for chickens and eggs after data from the 5-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Estimates are based on a census of all known contractors and independent producers who have at least 30,000 table egg layers, flocks of hatchery supply layers, pullet only operations with at least 500 pullets, or 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 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 total layers over the past 24 months is 0.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 374 million layers by more than 0.2 percent. Chances are 9 out of 10 that the difference will not exceed 0.3 percent.

Reliability of Layer and Egg 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)
Total layers	0.2	0.3	511	54	1,348	16	8
			(million)	(million)	(million)		
Eggs	0.8	1.3	53	3	147	7	17

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.