Chickens and Eggs

ISSN: 1948-9064

Released December 20, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

November Egg Production Down 5 Percent

United States egg production totaled 8.87 billion during November 2022, down 5 percent from last year. Production included 7.62 billion table eggs, and 1.25 billion hatching eggs, of which 1.16 billion were broiler-type and 92.1 million were egg-type. The average number of layers during November 2022 totaled 375 million, down 4 percent from last year. November egg production per 100 layers was 2,369 eggs, down slightly from November 2021.

Total layers in the United States on December 1, 2022 totaled 374 million, down 5 percent from last year. The 374 million layers consisted of 308 million layers producing table or market type eggs, 62.0 million layers producing broiler-type hatching eggs, and 3.74 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2022, averaged 79.0 eggs per 100 layers, down 1 percent from December 1, 2021.

Egg-Type Chicks Hatched Up 2 Percent

Egg-type chicks hatched during November 2022 totaled 46.5 million, up 2 percent from November 2021. Eggs in incubators totaled 47.7 million on December 1, 2022, down 1 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 200 thousand during November 2022, down 2 percent from November 2021.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during November 2022 totaled 810 million, up 1 percent from November 2021. Eggs in incubators totaled 720 million on December 1, 2022, down 1 percent from a year ago.

Leading breeders placed 7.68 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2022, down 4 percent from November 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: October-November 2021 and 2022 6
Layers on Hand and Eggs Produced by Type and Molt – United States: November-December 2021 and 2022 7
Layers on Hand and Eggs Produced – States and United States: During October 2021 and 2022 8
Layers on Hand and Eggs Produced – States and United States: During November 2021 and 2022 9
Egg Production by Type – States and United States: October 2021 and 2022 10
Egg Production by Type – States and United States: November 2021 and 2022 11
Egg Production in Dozens by Type – States and United States: October 2021 and 2022 12
Egg Production in Dozens by Type – States and United States: November 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: November 1 and December 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: November 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

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	374,374
November	392,242	374,618

[1] December previous year.

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

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	9,141.2	8,177.8	7,839.2	1,291.3	1,302.0
November	9,301.4	8,873.6	8,047.8	7,620.4	1,253.6	1,253.2

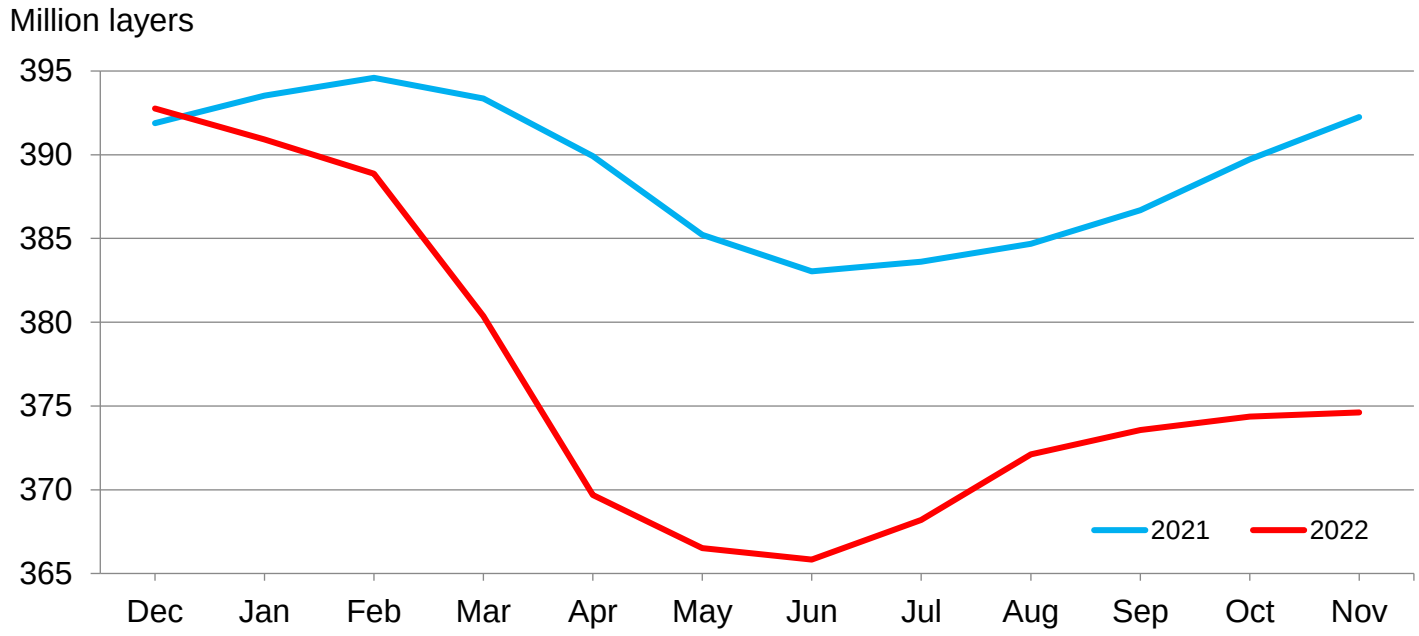
[1] December previous year.

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

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	761,766.7	681,483.6	653,266.7	107,608.4	108,500.0
November	775,116.8	739,466.4	670,650.2	635,033.3	104,466.6	104,433.1

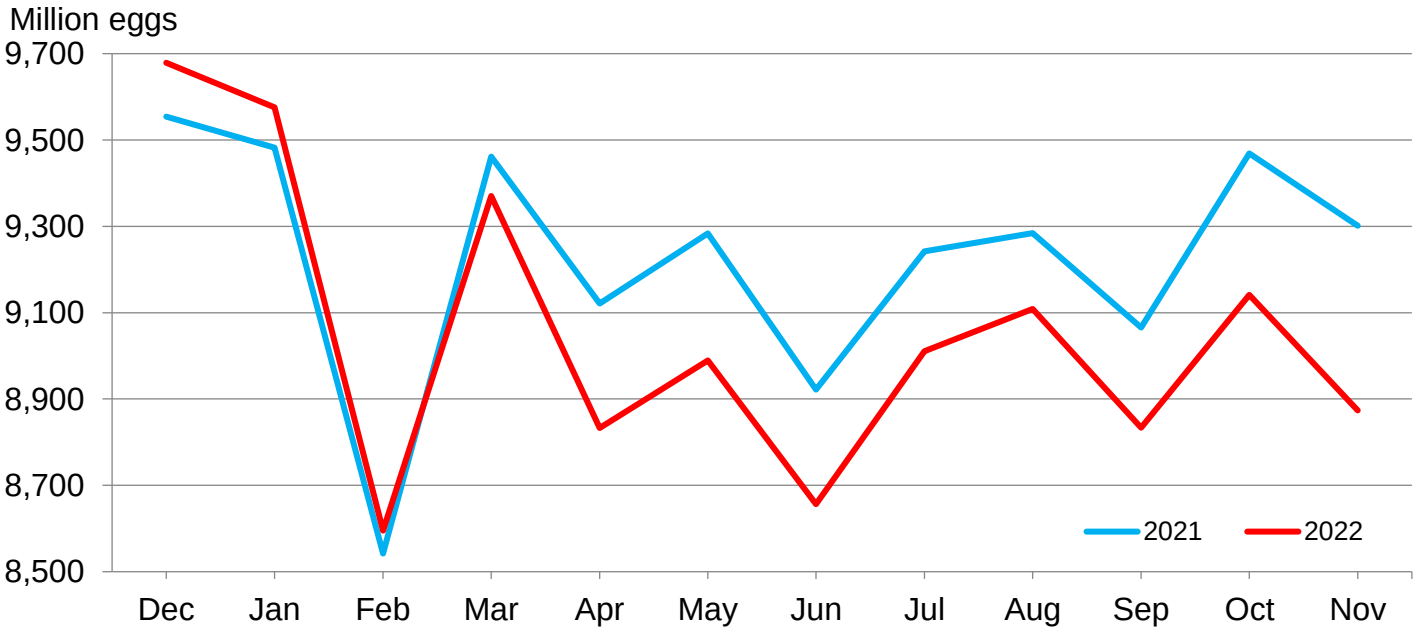
[1] December previous year.

Average Layers During the Month – United States



December previous year

Total Egg Production During the Month – United States



December previous year

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 layers 1,000	389,730	374,374	96
Table egg type 1,000	324,650	308,333	95
Hatching egg type 1,000	65,080	66,041	101
Broiler-type hatching 1,000	61,821	62,535	101
Egg-type hatching 1,000	3,259	3,506	108
Eggs per 100 layers during October			
Total layers ....number	2,430	2,442	100
Table egg type ....number	2,519	2,542	101
Hatching egg type ....number	1,984	1,972	99
Broiler-type hatching ....number	1,955	1,937	99
Egg-type hatching ....number	2,531	2,593	102
Eggs produced during October			
Total layers ....million	9,469.1	9,141.2	97
Table egg type ....million	8,177.8	7,839.2	96
Hatching egg type ....million	1,291.3	1,302.0	101
Broiler-type hatching ....million	1,208.8	1,211.1	100
Egg-type hatching ....million	82.5	90.9	110
Eggs produced during October			
Total layers .... 1,000 dozen	789,092.0	761,766.7	97
Table egg type .... 1,000 dozen	681,483.6	653,266.7	96
Hatching egg type .... 1,000 dozen	107,608.4	108,500.0	101
Broiler-type hatching .... 1,000 dozen	100,733.4	100,924.9	100
Egg-type hatching .... 1,000 dozen	6,875.0	7,575.1	110
Layers on November 1			
Total layers 1,000	391,369	375,058	96
Table egg type 1,000	326,212	309,140	95
Hatching egg type 1,000	65,157	65,918	101
Broiler-type hatching 1,000	61,786	62,401	101
Egg-type hatching 1,000	3,371	3,517	104
Eggs per 100 layers on November 1			
Total layers ....number	78.4	78.8	101
Table egg type ....number	81.3	82.1	101
Hatching egg type ....number	63.9	63.6	100
Broiler-type hatching ....number	63.0	62.5	99
Egg-type hatching ....number	80.1	83.2	104
Molted layers on November 1			
Being molted ....percent	1.8	1.3	72
Molt completed ....percent	13.8	11.7	85
Layers sold for slaughter during October 1,000	12,283.3	11,680.2	95
Layers rendered, died, destroyed, composted or disappeared for any reason during October 1,000	10,141.0	10,391.5	102
Pullets on November 1 1,000	123,596	127,775	103
Pullets added during October [1] 1,000	26,427.1	26,440.6	100

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

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

Item		2021	2022	2022 as percent of 2021
Layers during November				
Total layers	1,000	392,242	374,618	96
Table egg type	1,000	326,853	308,751	94
Hatching egg type	1,000	65,389	65,867	101
Broiler-type hatching	1,000	61,984	62,232	100
Egg-type hatching	1,000	3,405	3,635	107
Eggs per 100 layers during November				
Total layers	number	2,371	2,369	100
Table egg type	number	2,462	2,468	100
Hatching egg type	number	1,917	1,903	99
Broiler-type hatching	number	1,887	1,866	99
Egg-type hatching	number	2,461	2,534	103
Eggs produced during November				
Total layers	million	9,301.4	8,873.6	95
Table egg type	million	8,047.8	7,620.4	95
Hatching egg type	million	1,253.6	1,253.2	100
Broiler-type hatching	million	1,169.8	1,161.1	99
Egg-type hatching	million	83.8	92.1	110
Eggs produced during November				
Total layers	1,000 dozen	775,116.8	739,466.4	95
Table egg type	1,000 dozen	670,650.2	635,033.3	95
Hatching egg type	1,000 dozen	104,466.6	104,433.1	100
Broiler-type hatching	1,000 dozen	97,483.3	96,758.2	99
Egg-type hatching	1,000 dozen	6,983.3	7,674.9	110
Layers on December 1				
Total layers	1,000	393,078	374,138	95
Table egg type	1,000	327,479	308,347	94
Hatching egg type	1,000	65,599	65,791	100
Broiler-type hatching	1,000	62,170	62,049	100
Egg-type hatching	1,000	3,429	3,742	109
Eggs per 100 layers on December 1				
Total layers	number	79.7	79.0	99
Table egg type	number	82.9	82.4	99
Hatching egg type	number	63.9	63.2	99
Broiler-type hatching	number	62.8	61.9	99
Egg-type hatching	number	84.0	85.2	101
Molted layers on December 1				
Being molted	percent	1.0	0.8	80
Molt completed	percent	13.6	11.5	85
Layers sold for slaughter during November	1,000	13,736.0	13,671.4	100
Layers rendered, died, destroyed, composted or disappeared for any reason during November	1,000	11,447.4	9,532.7	83
Pullets on December 1	1,000	123,179	128,385	104
Pullets added during November [1]	1,000	29,330.5	25,146.0	86

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

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	1,960
Arkansas	(D)	(D)	16,385	15,555	2,242	2,150
California	13,150	12,845	13,793	13,476	2,439	2,383
Colorado	4,346	1,161	4,854	1,689	2,499	2,433
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	40,942	2,620	2,606
Kentucky	(D)	(D)	5,415	5,507	2,303	2,217
Maryland	2,235	2,041	2,444	2,246	2,529	2,680
Michigan	15,450	16,700	15,745	17,020	2,594	2,525
Minnesota	7,795	8,133	8,349	8,662	2,546	2,561
Mississippi	(D)	(D)	5,425	5,729	2,122	2,166
Missouri	7,340	7,547	13,257	13,743	2,528	2,612
Nebraska	7,597	6,244	8,276	6,888	2,492	2,346
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	34,502	35,795	35,834	2,522	2,531
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	22,870	30,652	25,855	2,201	2,600
South Carolina	2,321	2,321	3,579	3,572	2,272	2,324
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	5,465	5,917	5,517	2,587	2,601
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	2,604
Other States [1]	24,454	24,677	30,477	31,011	2,445	2,410
United States	307,996	291,535	389,730	374,374	2,430	2,442

(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 November 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	1,430	1,443	10,724	11,166	1,909	1,882
Arkansas	(D)	(D)	16,336	15,587	2,168	2,081
California	13,336	12,430	13,961	13,043	2,324	2,342
Colorado	4,426	1,608	4,934	2,136	2,438	2,299
Georgia	9,644	9,920	20,113	20,135	2,151	2,151
Illinois	6,286	6,374	6,845	6,930	2,275	2,325
Indiana	34,587	35,742	35,857	37,055	2,477	2,430
Iowa	47,601	38,714	49,499	40,620	2,548	2,511
Kentucky	(D)	(D)	5,400	5,458	2,230	2,219
Maryland	2,197	2,037	2,394	2,241	2,448	2,610
Michigan	15,372	16,502	15,680	16,827	2,492	2,483
Minnesota	7,844	8,072	8,378	8,607	2,418	2,478
Mississippi	(D)	(D)	5,552	5,756	2,039	2,130
Missouri	7,166	7,456	13,083	13,623	2,432	2,527
Nebraska	7,563	6,614	8,211	7,224	2,416	2,277
New York	5,174	5,227	5,742	5,779	2,503	2,542
North Carolina	7,428	6,786	15,709	15,381	2,105	2,125
Ohio	34,599	34,871	35,938	36,196	2,449	2,421
Oklahoma	(D)	(D)	2,409	2,384	1,959	1,971
Oregon	1,918	1,867	2,089	2,038	2,652	2,444
Pennsylvania	27,880	22,968	30,641	26,008	2,362	2,529
South Carolina	2,390	2,438	3,645	3,699	2,255	2,206
South Dakota	1,928	1,876	1,983	1,931	2,577	2,444
Texas	(D)	(D)	23,693	23,250	2,352	2,367
Utah	6,091	5,520	6,143	5,572	2,492	2,608
Virginia	793	884	2,526	2,706	2,260	2,191
Washington	6,407	6,288	6,571	6,452	2,517	2,571
Wisconsin	6,127	4,565	7,281	5,704	2,476	2,519
Other States [1]	24,806	24,739	30,905	31,110	2,363	2,346
United States	310,199	291,953	392,242	374,618	2,371	2,369

(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: 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	221.5	38.7	39.6	171.8	181.9
Arkansas	367.3	334.5	(D)	(D)	(D)	(D)
California	336.4	321.2	(D)	(D)	(D)	(D)
Colorado	121.3	41.1	(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	1,066.9	1,266.4	1,044.9	21.1	22.0
Kentucky	124.7	122.1	(D)	(D)	(D)	(D)
Maryland	61.8	60.2	60.3	58.6	1.5	1.6
Michigan	408.4	429.8	(D)	(D)	(D)	(D)
Minnesota	212.6	221.8	204.4	214.1	8.2	7.7
Mississippi	115.1	124.1	(D)	(D)	(D)	(D)
Missouri	335.2	359.0	296.4	315.2	38.8	43.8
Nebraska	206.2	161.6	193.5	149.2	12.7	12.4
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	907.1	(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	672.3	641.2	631.0	33.6	41.3
South Carolina	81.3	83.0	58.5	60.2	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	143.5	153.1	143.5	-	-
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	148.4	176.0	142.1	6.1	6.3
Other States [1]	745.2	747.4	669.1	668.6	76.1	78.8
United States	9,469.1	9,141.2	8,177.8	7,839.2	1,291.3	1,302.0

- 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: November 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	204.7	210.1	38.1	38.9	166.6	171.2
Arkansas	354.1	324.3	(D)	(D)	(D)	(D)
California	324.5	305.5	(D)	(D)	(D)	(D)
Colorado	120.3	49.1	(D)	(D)	(D)	(D)
Georgia	432.7	433.1	240.1	241.7	192.6	191.4
Illinois	155.7	161.1	151.8	157.5	3.9	3.6
Indiana	888.2	900.6	872.8	884.1	15.4	16.5
Iowa	1,261.4	1,020.1	1,242.6	997.4	18.8	22.7
Kentucky	120.4	121.1	(D)	(D)	(D)	(D)
Maryland	58.6	58.5	57.3	57.0	1.3	1.5
Michigan	390.7	417.8	(D)	(D)	(D)	(D)
Minnesota	202.6	213.3	194.9	205.7	7.7	7.6
Mississippi	113.2	122.6	(D)	(D)	(D)	(D)
Missouri	318.2	344.3	280.4	302.6	37.8	41.7
Nebraska	198.4	164.5	186.6	153.1	11.8	11.4
New York	143.7	146.9	(D)	(D)	(D)	(D)
North Carolina	330.6	326.8	176.9	168.1	153.7	158.7
Ohio	880.3	876.2	(D)	(D)	(D)	(D)
Oklahoma	47.2	47.0	(D)	(D)	(D)	(D)
Oregon	55.4	49.8	55.4	49.8	-	-
Pennsylvania	723.6	657.7	690.0	615.3	33.6	42.4
South Carolina	82.2	81.6	59.8	59.7	22.4	21.9
South Dakota	51.1	47.2	51.1	47.2	-	-
Texas	557.3	550.3	(D)	(D)	(D)	(D)
Utah	153.1	145.3	153.1	145.3	-	-
Virginia	57.1	59.3	28.7	30.8	28.4	28.5
Washington	165.4	165.9	(D)	(D)	(D)	(D)
Wisconsin	180.3	143.7	174.5	137.6	5.8	6.1
Other States [1]	730.4	729.9	656.5	652.7	73.9	77.2
United States	9,301.4	8,873.6	8,047.8	7,620.4	1,253.6	1,253.2

- 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	18,458.3	3,225.0	3,300.0	14,316.7	15,158.3
Arkansas	30,608.4	27,875.0	(D)	(D)	(D)	(D)
California	28,033.4	26,766.6	(D)	(D)	(D)	(D)
Colorado	10,108.3	3,425.0	(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	88,908.4	105,533.3	87,075.0	1,758.4	1,833.4
Kentucky	10,391.7	10,175.0	(D)	(D)	(D)	(D)
Maryland	5,150.0	5,016.7	5,025.0	4,883.3	125.0	133.4
Michigan	34,033.3	35,816.6	(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	10,341.7	(D)	(D)	(D)	(D)
Missouri	27,933.3	29,916.6	24,700.0	26,266.6	3,233.3	3,650.0
Nebraska	17,183.3	13,466.7	16,125.0	12,433.4	1,058.3	1,033.3
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	75,591.7	(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	56,025.0	53,433.3	52,583.3	2,800.0	3,441.7
South Carolina	6,775.0	6,916.7	4,875.0	5,016.7	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	11,958.4	12,758.3	11,958.4	-	-
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	12,366.6	14,666.6	11,841.6	508.3	525.0
Other States [1]	62,100.2	62,283.5	55,758.5	55,716.9	6,341.7	6,566.6
United States	789,092.0	761,766.7	681,483.6	653,266.7	107,608.4	108,500.0

- 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: November 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	17,058.3	17,508.4	3,175.0	3,241.7	13,883.3	14,266.7
Arkansas	29,508.3	27,024.9	(D)	(D)	(D)	(D)
California	27,041.6	25,458.4	(D)	(D)	(D)	(D)
Colorado	10,025.0	4,091.7	(D)	(D)	(D)	(D)
Georgia	36,058.3	36,091.7	20,008.3	20,141.7	16,050.0	15,950.0
Illinois	12,975.0	13,425.0	12,650.0	13,125.0	325.0	300.0
Indiana	74,016.6	75,050.0	72,733.3	73,675.0	1,283.3	1,375.0
Iowa	105,116.7	85,008.2	103,550.0	83,116.6	1,566.7	1,891.6
Kentucky	10,033.4	10,091.7	(D)	(D)	(D)	(D)
Maryland	4,883.4	4,875.0	4,775.0	4,750.0	108.4	125.0
Michigan	32,558.3	34,816.7	(D)	(D)	(D)	(D)
Minnesota	16,883.3	17,775.1	16,241.7	17,141.7	641.6	633.4
Mississippi	9,433.4	10,216.6	(D)	(D)	(D)	(D)
Missouri	26,516.7	28,691.6	23,366.7	25,216.6	3,150.0	3,475.0
Nebraska	16,533.3	13,708.4	15,550.0	12,758.4	983.3	950.0
New York	11,975.0	12,241.6	(D)	(D)	(D)	(D)
North Carolina	27,550.0	27,233.4	14,741.7	14,008.4	12,808.3	13,225.0
Ohio	73,358.4	73,016.6	(D)	(D)	(D)	(D)
Oklahoma	3,933.3	3,916.7	(D)	(D)	(D)	(D)
Oregon	4,616.7	4,150.0	4,616.7	4,150.0	-	-
Pennsylvania	60,300.0	54,808.3	57,500.0	51,275.0	2,800.0	3,533.3
South Carolina	6,850.0	6,800.0	4,983.3	4,975.0	1,866.7	1,825.0
South Dakota	4,258.4	3,933.3	4,258.4	3,933.3	-	-
Texas	46,441.7	45,858.3	(D)	(D)	(D)	(D)
Utah	12,758.3	12,108.4	12,758.3	12,108.4	-	-
Virginia	4,758.4	4,941.7	2,391.7	2,566.7	2,366.7	2,375.0
Washington	13,783.4	13,825.0	(D)	(D)	(D)	(D)
Wisconsin	15,024.9	11,974.9	14,541.6	11,466.6	483.3	508.3
Other States [1]	60,866.7	60,824.8	54,708.4	54,391.6	6,158.3	6,433.2
United States	775,116.8	739,466.4	670,650.2	635,033.3	104,466.6	104,433.1

- 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

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	11.7
December	1.0	0.8	13.6	11.5

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

State	Being molted				Molt completed			
	November 1		December 1		November 1		December 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	5.5	4.5	4.5	4.5
Arkansas	1.5	1.0	1.0	-	11.0	6.5	10.5	7.5
California	-	1.5	-	-	7.5	4.0	6.5	4.5
Colorado	-	-	2.0	-	13.0	1.0	13.0	-
Georgia	0.5	1.5	1.0	-	12.5	10.0	12.0	6.0
Illinois	17.5	8.5	7.5	8.0	11.0	20.5	26.5	19.5
Indiana	1.0	1.0	-	1.0	13.0	7.5	11.0	7.5
Iowa	0.5	1.5	0.5	1.0	11.5	8.0	10.5	9.0
Kentucky	3.0	1.5	-	-	0.5	8.0	2.0	6.5
Maryland	-	-	-	-	-	-	-	-
Michigan	1.0	-	1.0	0.5	2.0	4.5	3.0	4.0
Minnesota	1.0	2.0	1.0	1.0	11.0	3.5	8.0	5.0
Mississippi	3.0	2.0	3.0	-	16.5	24.0	18.0	25.5
Missouri	1.0	-	0.5	-	6.0	1.5	7.0	1.5
Nebraska	-	-	-	-	3.0	1.5	3.0	1.0
New York	-	-	-	-	3.5	1.5	1.5	1.5
North Carolina	0.5	0.5	0.5	-	12.0	7.0	12.0	6.0
Ohio	1.5	1.0	1.0	1.0	13.0	10.0	13.5	10.5
Oklahoma	6.0	-	-	-	10.0	28.0	16.0	25.0
Oregon	-	-	-	-	1.5	-	1.0	-
Pennsylvania	2.5	0.5	2.0	0.5	3.5	2.5	2.0	2.5
South Carolina	-	3.0	-	3.0	22.5	24.0	21.5	24.0
South Dakota	2.0	-	-	-	3.5	-	6.0	-
Texas	6.5	2.0	1.0	-	57.0	56.0	58.5	54.0
Utah	6.0	3.5	1.0	3.0	30.5	25.5	33.5	23.5
Virginia	-	-	-	-	-	4.5	-	-
Washington	2.0	1.5	1.5	1.0	13.0	9.5	8.5	8.5
Wisconsin	-	-	-	-	10.5	8.5	9.5	8.5
Other States [1]	1.6	2.9	1.7	2.1	23.8	21.4	22.2	21.7
United States	1.8	1.3	1.0	0.8	13.8	11.7	13.6	11.5

- 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 December 1	48,107	47,733	99
Chicks hatched during November	45,798	46,529	102
Chicks hatched January through November	579,438	582,204	100
Pullets hatched during November for intended placements:			
Hatchery supply flocks	204	200	98
Cumulative potential placements 7-18 months earlier [1]	3,372	3,026	90
Broiler-type			
Eggs in incubators on December 1	723,998	719,556	99
Chicks hatched during November	798,600	810,120	101
Chicks hatched January through November	9,035,951	9,176,765	102
Pullets hatched during November for intended placements:			
Hatchery supply flocks	7,986	7,676	96
Cumulative potential placements 7-15 months earlier [2]	74,270	77,503	104

[1] 2022 includes pullet chicks hatched May 2021 through April 2022.
[2] 2022 includes pullet chicks hatched August 2021 through April 2022.

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

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	47,299	103
December	48,107	47,733	99

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	50,330	110	533,640	535,675	100
November	45,798	46,529	102	579,438	582,204	100
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	2,774
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	200	98	3,026	
December	214			2,989	
Annual total	3,156				

[1] For November 2022, includes breeder pullet chicks hatched May 2021 through April 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

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	707,964	101
December	723,998	719,556	99

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

State	During November			January-November		
	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	109,795	116,412	106	1,275,325	1,325,549	104
Arkansas	81,886	82,855	101	916,598	943,581	103
Delaware	15,880	17,326	109	172,992	190,535	110
Florida	4,302	4,242	99	45,651	45,646	100
Georgia	114,318	116,977	102	1,290,482	1,318,657	102
Kentucky	26,095	21,950	84	288,887	228,310	79
Louisiana	10,652	11,789	111	125,027	125,941	101
Maryland	27,331	27,997	102	307,300	308,760	100
Mississippi	57,385	57,159	100	670,050	653,487	98
Missouri	31,626	32,382	102	360,986	371,339	103
North Carolina	84,616	83,516	99	949,250	984,608	104
Oklahoma	24,871	23,930	96	267,977	280,836	105
Pennsylvania	22,996	23,561	102	254,367	257,004	101
South Carolina	18,412	19,014	103	214,866	205,757	96
Texas	61,500	62,294	101	686,994	712,496	104
Virginia	22,731	22,182	98	253,052	254,420	101
California, Tennessee, and West Virginia	43,176	43,427	101	482,719	498,687	103
Other States [1]	41,028	43,107	105	473,428	471,152	100
United States	798,600	810,120	101	9,035,951	9,176,765	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	848,702	105	8,237,351	8,366,645	102
November	798,600	810,120	101	9,035,951	9,176,765	102
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	73,568
June	9,546	8,709	91	78,126	72,745
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	7,302	85	78,191	
November	7,986	7,676	96	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	8,793	85		
November	9,226	9,135	99		
December	10,587				
Annual total	123,124				

[1] For November 2022, includes breeder pullet chicks hatched August 2021 through April 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	470	39	1,348	15	9
			(million)	(million)	(million)		
Eggs	0.8	1.3	52	3	147	8	16

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.

You're invited to USDA's largest annual gathering and the agricultural sector's premier event—the 2023 Agricultural Outlook Forum. The Forum will be held in person on February 23-24, 2023, at the Crystal City Gateway Marriott, Arlington, VA and all sessions will be livestreamed.

The program will feature an exceptional lineup of topics and speakers!

- Join Chief Economist Seth Meyer as he unveils USDA's initial forecast for the agricultural economy, commodity markets, and trade in 2023 and discuss U.S. farm income situation.
- Learn from more than 100 subject matter experts, executives and academics as they discuss some of the most pressing issues impacting agriculture and potential solutions.
- Get the latest on supply chain challenges and solutions, climate-smart agriculture and more!

Participants can attend the Agricultural Outlook Forum in person or virtually. Registration is required for both virtual and in-person attendance. There is no cost to attending the Forum virtually.

For more information, see the Forum's **Program at a Glance**

Don't miss your chance to hear the latest updates from industry leaders.

Register Today!