Chickens and Eggs

ISSN: 1948-9064

Released October 20, 2023, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

September Egg Production Up 3 Percent

United States egg production totaled 9.16 billion during September 2023, up 3 percent from last year. Production included 7.88 billion table eggs, and 1.28 billion hatching eggs, of which 1.19 billion were broiler-type and 94.5 million were egg-type. The average number of layers during September 2023 totaled 387 million, up 3 percent from last year. September egg production per 100 layers was 2,367 eggs, up slightly from September 2022.

Total layers in the United States on October 1, 2023 totaled 389 million, up 3 percent from last year. The 389 million layers consisted of 322 million layers producing table or market type eggs, 63.4 million layers producing broiler-type hatching eggs, and 3.73 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2023, averaged 78.9 eggs per 100 layers, up slightly from October 1, 2022.

Egg-Type Chicks Hatched Down 4 Percent

Egg-type chicks hatched during September 2023 totaled 51.1 million, down 4 percent from September 2022. Eggs in incubators totaled 50.3 million on October 1, 2023, up 5 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 270 thousand during September 2023, up 3 percent from September 2022.

Broiler-Type Chicks Hatched Down 3 Percent

Broiler-type chicks hatched during September 2023 totaled 814 million, down 3 percent from September 2022. Eggs in incubators totaled 692 million on October 1, 2023, down 4 percent from a year ago.

Leading breeders placed 8.14 million broiler-type pullet chicks for future domestic hatchery supply flocks during September 2023, down slightly from September 2022.

This page intentionally left blank.

Contents

Average Layers During the Month – United States: 2022-2023 4
Egg Production During the Month by Type – United States: 2022-2023 4
Egg Production During the Month in Dozens by Type – United States: 2022-2023 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: August-September 2022 and 2023 6
Layers on Hand and Eggs Produced by Type and Molt – United States: September-October 2022 and 2023 7
Layers on Hand and Eggs Produced – States and United States: During August 2022 and 2023 8
Layers on Hand and Eggs Produced – States and United States: During September 2022 and 2023 9
Egg Production by Type – States and United States: August 2022 and 2023 10
Egg Production by Type – States and United States: September 2022 and 2023 11
Egg Production in Dozens by Type – States and United States: August 2022 and 2023 12
Egg Production in Dozens by Type – States and United States: September 2022 and 2023 13
Total Layers Molted First Day of the Month by Month – United States: 2022-2023 14
Total Layers Molted First Day of the Month – States and United States: September 1 and October 1, 2022-2023 14
Hatchery Production – United States: 2022 and 2023 15
Egg-Type Eggs in Incubators on the First of the Month – United States: 2022-2023 16
Egg-Type Chicks Hatched by Month – United States: 2022-2023 16
Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2022-2024 17
Broiler-Type Eggs in Incubators on the First of the Month – United States: 2022-2023 17
Broiler-Type Chicks Hatched – States and United States: September 2022 and 2023 18
Broiler-Type Chicks Hatched by Month – United States: 2022-2023 18
Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2022-2024 19
Statistical Methodology 20
Terms and Definitions of Chickens and Eggs Estimates 21
Information Contacts 22

Average Layers During the Month – United States: 2022-2023

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

Month	2022	2023
	(1,000 layers)	(1,000 layers)
December [1]	396,696	375,943
January	394,962	375,125
February	392,621	379,145
March	384,293	383,351
April	372,228	386,213
May	368,033	387,558
June	367,417	385,538
July	369,916	383,693
August	373,915	384,448
September	376,141	387,251
October	377,572	
November	377,842	

[1] December previous year.

Egg Production During the Month by Type – United States: 2022-2023

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

Month	Total eggs		Table eggs		Hatching eggs	
	2022	2023	2022	2023	2022	2023
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December [1]	9,777.9	9,148.9	8,474.6	7,859.7	1,303.3	1,289.2
January	9,677.0	9,052.5	8,370.1	7,756.9	1,306.9	1,295.6
February	8,684.3	8,227.2	7,477.1	7,038.3	1,207.2	1,188.9
March	9,471.0	9,227.7	8,125.9	7,896.2	1,345.1	1,331.5
April	8,894.6	9,031.0	7,608.1	7,736.8	1,286.5	1,294.2
May	9,027.5	9,370.2	7,698.8	8,025.1	1,328.7	1,345.1
June	8,696.9	9,050.2	7,419.1	7,750.5	1,277.8	1,299.7
July	9,055.9	9,361.8	7,741.5	8,032.7	1,314.4	1,329.1
August	9,158.4	9,402.3	7,838.1	8,079.1	1,320.3	1,323.2
September	8,898.9	9,164.9	7,624.2	7,884.4	1,274.7	1,280.5
October	9,224.5		7,917.9		1,306.6	
November	8,947.2		7,691.3		1,255.9	

[1] December previous year.

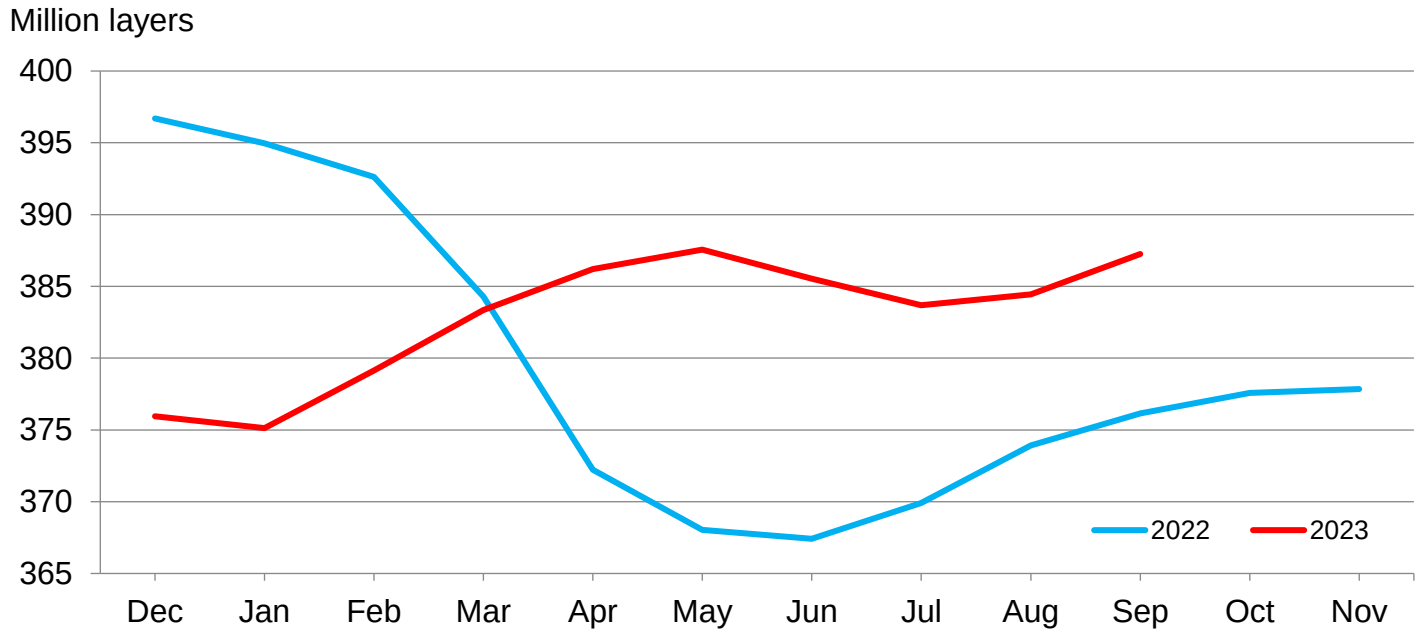
Egg Production During the Month in Dozens by Type – United States: 2022-2023

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

Month	Total eggs		Table eggs		Hatching eggs	
	2022	2023	2022	2023	2022	2023
	(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]	814,824.5	762,408.2	706,216.2	654,975.1	108,608.3	107,433.1
January	806,416.2	754,374.8	697,507.6	646,408.1	108,908.6	107,966.7
February	723,692.1	685,600.1	623,092.1	586,525.0	100,600.0	99,075.1
March	789,249.9	768,975.2	677,158.1	658,016.9	112,091.8	110,958.3
April	741,217.4	752,583.6	634,008.7	644,733.4	107,208.7	107,850.2
May	752,291.7	780,850.3	641,567.0	668,758.5	110,724.7	112,091.8
June	724,741.9	754,183.3	618,258.4	645,874.8	106,483.5	108,308.5
July	754,658.6	780,149.8	645,125.2	669,391.7	109,533.4	110,758.1
August	763,199.6	783,524.5	653,175.1	673,258.3	110,024.5	110,266.2
September	741,575.1	763,741.4	635,350.0	657,033.2	106,225.1	106,708.2
October	768,708.4		659,825.0		108,883.4	
November	745,600.1		640,941.8		104,658.3	

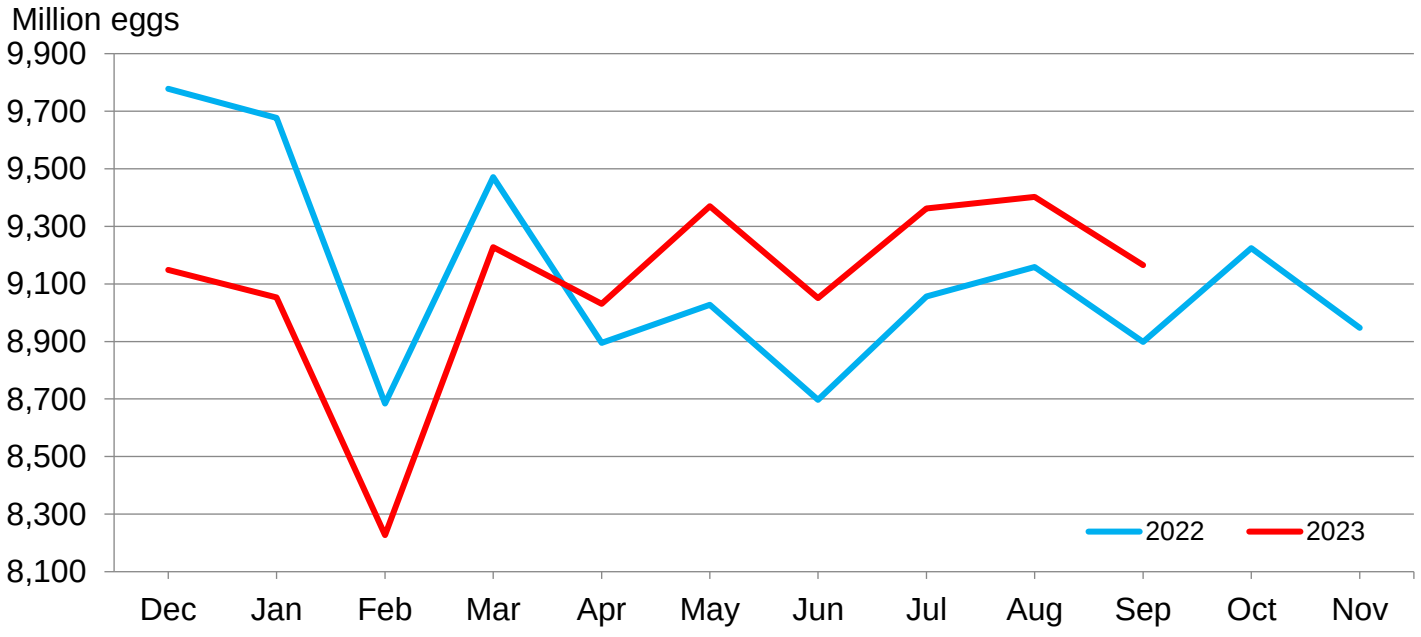
[1] December previous year.

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: August-September 2022 and 2023

Item	2022	2023	2023 as percent of 2022
Layers during August			
Total layers 1,000	373,915	384,448	103
Table egg type 1,000	307,211	317,161	103
Hatching egg type 1,000	66,704	67,287	101
Broiler-type hatching 1,000	63,137	63,615	101
Egg-type hatching 1,000	3,567	3,672	103
Eggs per 100 layers during August			
Total layers ..... number	2,449	2,446	100
Table egg type ..... number	2,551	2,547	100
Hatching egg type ..... number	1,979	1,967	99
Broiler-type hatching ..... number	1,945	1,931	99
Egg-type hatching ..... number	2,588	2,584	100
Eggs produced during August			
Total layers ..... million	9,158.4	9,402.3	103
Table egg type ..... million	7,838.1	8,079.1	103
Hatching egg type ..... million	1,320.3	1,323.2	100
Broiler-type hatching ..... million	1,228.0	1,228.3	100
Egg-type hatching ..... million	92.3	94.9	103
Eggs produced during August			
Total layers ..... 1,000 dozen	763,199.6	783,524.5	103
Table egg type ..... 1,000 dozen	653,175.1	673,258.3	103
Hatching egg type ..... 1,000 dozen	110,024.5	110,266.2	100
Broiler-type hatching ..... 1,000 dozen	102,333.1	102,358.1	100
Egg-type hatching ..... 1,000 dozen	7,691.4	7,908.1	103
Layers on September 1			
Total layers 1,000	375,180	385,489	103
Table egg type 1,000	308,514	318,496	103
Hatching egg type 1,000	66,666	66,993	100
Broiler-type hatching 1,000	63,049	63,275	100
Egg-type hatching 1,000	3,617	3,718	103
Eggs per 100 layers on September 1			
Total layers ..... number	79.0	78.8	100
Table egg type ..... number	82.2	82.0	100
Hatching egg type ..... number	64.2	63.8	99
Broiler-type hatching ..... number	63.0	62.7	100
Egg-type hatching ..... number	83.9	82.9	99
Molted layers on September 1			
Being molted ..... percent	1.8	2.4	133
Molt completed ..... percent	11.7	10.8	92
Layers sold for slaughter during August 1,000	13,921.6	15,263.0	110
Layers rendered, died, destroyed, composted or disappeared for any reason during August 1,000	11,020.0	10,622.6	96
Pullets on September 1 1,000	126,915	132,061	104
Pullets added during August [1] 1,000	30,059.0	27,632.6	92

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

Layers on Hand and Eggs Produced by Type and Molt – United States: September-October 2022 and 2023

Item	2022	2023	2023 as percent of 2022
Layers during September			
Total layers 1,000	376,141	387,251	103
Table egg type 1,000	309,650	320,180	103
Hatching egg type 1,000	66,491	67,071	101
Broiler-type hatching 1,000	62,933	63,342	101
Egg-type hatching 1,000	3,558	3,729	105
Eggs per 100 layers during September			
Total layers ....number	2,366	2,367	100
Table egg type ....number	2,462	2,462	100
Hatching egg type ....number	1,917	1,909	100
Broiler-type hatching ....number	1,883	1,872	99
Egg-type hatching ....number	2,521	2,534	101
Eggs produced during September			
Total layers ....million	8,898.9	9,164.9	103
Table egg type ....million	7,624.2	7,884.4	103
Hatching egg type ....million	1,274.7	1,280.5	100
Broiler-type hatching ....million	1,185.0	1,186.0	100
Egg-type hatching ....million	89.7	94.5	105
Eggs produced during September			
Total layers .... 1,000 dozen	741,575.1	763,741.4	103
Table egg type .... 1,000 dozen	635,350.0	657,033.2	103
Hatching egg type .... 1,000 dozen	106,225.1	106,708.2	100
Broiler-type hatching .... 1,000 dozen	98,750.2	98,833.5	100
Egg-type hatching .... 1,000 dozen	7,474.9	7,874.7	105
Layers on October 1			
Total layers 1,000	377,071	388,972	103
Table egg type 1,000	310,773	321,848	104
Hatching egg type 1,000	66,298	67,124	101
Broiler-type hatching 1,000	62,807	63,394	101
Egg-type hatching 1,000	3,491	3,730	107
Eggs per 100 layers on October 1			
Total layers ....number	78.6	78.9	100
Table egg type ....number	81.9	82.1	100
Hatching egg type ....number	63.6	63.4	100
Broiler-type hatching ....number	62.4	62.1	100
Egg-type hatching ....number	84.2	86.0	102
Molted layers on October 1			
Being molted ....percent	1.7	2.3	135
Molt completed ....percent	11.3	10.7	95
Layers sold for slaughter during September 1,000	12,149.2	13,467.2	111
Layers rendered, died, destroyed, composted or disappeared for any reason during September 1,000	10,810.3	10,756.1	99
Pullets on October 1 1,000	127,112	128,822	101
Pullets added during September [1] 1,000	27,170.0	27,318.0	101

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

Layers on Hand and Eggs Produced – States and United States: During August 2022 and 2023

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2022	2023	2022	2023	2022	2023
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,274	1,386	11,697	11,744	1,922	1,883
Arkansas	(D)	(D)	15,268	15,667	2,170	2,170
California	13,023	10,218	13,668	10,852	2,465	2,393
Colorado	1,738	2,851	2,266	3,379	2,449	2,560
Georgia	9,560	9,252	20,014	19,705	2,204	2,175
Illinois	6,302	6,463	6,854	7,034	2,289	2,404
Indiana	35,755	34,580	37,011	35,834	2,512	2,498
Iowa	36,003	43,247	37,912	45,173	2,575	2,582
Kentucky	(D)	(D)	5,426	5,465	2,285	2,183
Maryland	1,786	1,876	1,987	2,093	2,627	2,680
Michigan	16,458	15,530	16,778	15,859	2,572	2,532
Minnesota	8,196	7,364	8,742	7,914	2,577	2,513
Mississippi	(D)	(D)	5,696	5,541	2,152	2,142
Missouri	7,132	7,132	13,360	13,364	2,567	2,576
Nebraska	5,323	7,334	5,929	7,910	2,454	2,684
New York	5,211	5,039	5,765	5,595	2,618	2,645
North Carolina	7,360	6,887	16,016	15,610	2,205	2,252
Ohio	39,225	38,982	40,551	40,304	2,532	2,517
Oklahoma	(D)	(D)	2,406	2,353	2,045	2,002
Oregon	1,832	2,281	2,003	2,452	2,626	2,553
Pennsylvania	22,307	24,664	25,249	27,665	2,625	2,581
South Carolina	2,418	2,332	3,696	3,641	2,411	2,280
South Dakota	1,765	1,414	1,820	1,469	2,648	2,546
Texas	(D)	(D)	23,076	23,172	2,415	2,401
Utah	5,083	6,285	5,135	6,337	2,678	2,613
Virginia	883	900	2,739	2,799	2,406	2,244
Washington	6,414	5,439	6,578	5,603	2,656	2,629
Wisconsin	4,577	6,924	5,687	8,015	2,631	2,684
Other States [1]	24,496	25,371	30,586	31,899	2,432	2,442
United States	290,413	300,136	373,915	384,448	2,449	2,446

(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 September 2022 and 2023

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2022	2023	2022	2023	2022	2023
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,372	1,385	11,602	11,649	1,892	1,842
Arkansas	(D)	(D)	15,362	15,553	2,090	2,111
California	13,048	10,506	13,696	11,162	2,344	2,284
Colorado	1,385	3,328	1,913	3,856	2,384	2,443
Georgia	9,625	9,507	19,955	19,914	2,121	2,121
Illinois	6,151	6,607	6,712	7,167	2,272	2,350
Indiana	35,873	34,789	37,106	36,071	2,424	2,413
Iowa	36,683	43,517	38,623	45,490	2,531	2,491
Kentucky	(D)	(D)	5,458	5,518	2,131	2,082
Maryland	1,951	1,917	2,152	2,131	2,565	2,590
Michigan	16,551	15,728	16,871	16,057	2,473	2,443
Minnesota	8,198	7,462	8,722	7,973	2,479	2,483
Mississippi	(D)	(D)	5,690	5,485	2,056	2,093
Missouri	7,507	7,465	13,799	13,754	2,436	2,460
Nebraska	5,833	7,476	6,485	8,073	2,356	2,516
New York	5,192	5,033	5,756	5,600	2,507	2,541
North Carolina	6,995	7,146	15,658	15,836	2,151	2,183
Ohio	39,701	39,528	41,028	40,826	2,477	2,460
Oklahoma	(D)	(D)	2,395	2,353	1,946	1,925
Oregon	1,770	2,264	1,941	2,435	2,597	2,608
Pennsylvania	22,495	24,538	25,458	27,534	2,532	2,487
South Carolina	2,370	2,330	3,632	3,659	2,271	2,195
South Dakota	1,778	1,402	1,833	1,457	2,662	2,416
Texas	(D)	(D)	22,885	23,108	2,301	2,355
Utah	5,373	6,437	5,425	6,489	2,476	2,433
Virginia	827	948	2,683	2,844	2,341	2,184
Washington	6,497	5,529	6,661	5,693	2,549	2,545
Wisconsin	4,577	6,719	5,708	7,795	2,528	2,607
Other States [1]	24,814	25,267	30,932	31,769	2,328	2,354
United States	292,852	303,155	376,141	387,251	2,366	2,367

(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: August 2022 and 2023

[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	
	2022	2023	2022	2023	2022	2023
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	224.8	221.1	32.8	35.0	192.0	186.1
Arkansas	331.3	339.9	(D)	(D)	(D)	(D)
California	336.9	259.7	(D)	(D)	(D)	(D)
Colorado	55.5	86.5	(D)	(D)	(D)	(D)
Georgia	441.2	428.6	237.8	227.7	203.4	200.9
Illinois	156.9	169.1	153.2	165.0	3.7	4.1
Indiana	929.8	895.3	915.0	880.0	14.8	15.3
Iowa	976.2	1,166.5	954.4	1,144.2	21.8	22.3
Kentucky	124.0	119.3	(D)	(D)	(D)	(D)
Maryland	52.2	56.1	50.7	54.5	1.5	1.6
Michigan	431.6	401.5	(D)	(D)	(D)	(D)
Minnesota	225.3	198.9	216.5	190.8	8.8	8.1
Mississippi	122.6	118.7	(D)	(D)	(D)	(D)
Missouri	343.0	344.3	297.8	303.4	45.2	40.9
Nebraska	145.5	212.3	134.8	202.3	10.7	10.0
New York	150.9	148.0	(D)	(D)	(D)	(D)
North Carolina	353.1	351.5	186.6	182.8	166.5	168.7
Ohio	1,026.9	1,014.6	(D)	(D)	(D)	(D)
Oklahoma	49.2	47.1	(D)	(D)	(D)	(D)
Oregon	52.6	62.6	52.6	62.6	-	-
Pennsylvania	662.9	714.1	622.1	670.9	40.8	43.2
South Carolina	89.1	83.0	65.8	59.0	23.3	24.0
South Dakota	48.2	37.4	48.2	37.4	-	-
Texas	557.3	556.3	(D)	(D)	(D)	(D)
Utah	137.5	165.6	137.5	165.6	-	-
Virginia	65.9	62.8	35.0	31.2	30.9	31.6
Washington	174.7	147.3	(D)	(D)	(D)	(D)
Wisconsin	149.6	215.1	143.8	209.3	5.8	5.8
Other States [1]	743.7	779.1	665.8	696.2	77.9	82.9
United States	9,158.4	9,402.3	7,838.1	8,079.1	1,320.3	1,323.2

- 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: September 2022 and 2023

[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	
	2022	2023	2022	2023	2022	2023
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	219.5	214.6	36.2	34.7	183.3	179.9
Arkansas	321.0	328.4	(D)	(D)	(D)	(D)
California	321.1	254.9	(D)	(D)	(D)	(D)
Colorado	45.6	94.2	(D)	(D)	(D)	(D)
Georgia	423.2	422.4	229.4	227.8	193.8	194.6
Illinois	152.5	168.4	148.7	164.5	3.8	3.9
Indiana	899.5	870.5	885.0	854.5	14.5	16.0
Iowa	977.5	1,133.0	956.4	1,110.1	21.1	22.9
Kentucky	116.3	114.9	(D)	(D)	(D)	(D)
Maryland	55.2	55.2	53.7	53.7	1.5	1.5
Michigan	417.3	392.3	(D)	(D)	(D)	(D)
Minnesota	216.2	198.0	208.3	190.5	7.9	7.5
Mississippi	117.0	114.8	(D)	(D)	(D)	(D)
Missouri	336.2	338.4	292.0	298.1	44.2	40.3
Nebraska	152.8	203.1	140.5	192.5	12.3	10.6
New York	144.3	142.3	(D)	(D)	(D)	(D)
North Carolina	336.8	345.7	174.0	183.4	162.8	162.3
Ohio	1,016.3	1,004.5	(D)	(D)	(D)	(D)
Oklahoma	46.6	45.3	(D)	(D)	(D)	(D)
Oregon	50.4	63.5	50.4	63.5	-	-
Pennsylvania	644.5	684.8	604.7	643.6	39.8	41.2
South Carolina	82.5	80.3	60.1	56.9	22.4	23.4
South Dakota	48.8	35.2	48.8	35.2	-	-
Texas	526.6	544.1	(D)	(D)	(D)	(D)
Utah	134.3	157.9	134.3	157.9	-	-
Virginia	62.8	62.1	33.0	31.0	29.8	31.1
Washington	169.8	144.9	(D)	(D)	(D)	(D)
Wisconsin	144.3	203.2	138.2	197.7	6.1	5.5
Other States [1]	720.0	748.0	645.9	670.5	74.1	77.5
United States	8,898.9	9,164.9	7,624.2	7,884.4	1,274.7	1,280.5

- 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: August 2022 and 2023

[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	
	2022	2023	2022	2023	2022	2023
	(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	18,733.3	18,425.0	2,733.3	2,916.7	16,000.0	15,508.3
Arkansas	27,608.3	28,325.0	(D)	(D)	(D)	(D)
California	28,075.0	21,641.6	(D)	(D)	(D)	(D)
Colorado	4,625.0	7,208.3	(D)	(D)	(D)	(D)
Georgia	36,766.6	35,716.7	19,816.6	18,975.0	16,950.0	16,741.7
Illinois	13,075.0	14,091.7	12,766.7	13,750.0	308.3	341.7
Indiana	77,483.3	74,608.4	76,250.0	73,333.4	1,233.3	1,275.0
Iowa	81,349.9	97,208.3	79,533.3	95,350.0	1,816.6	1,858.3
Kentucky	10,333.3	9,941.6	(D)	(D)	(D)	(D)
Maryland	4,350.0	4,674.9	4,225.0	4,541.6	125.0	133.3
Michigan	35,966.7	33,458.3	(D)	(D)	(D)	(D)
Minnesota	18,775.0	16,575.0	18,041.6	15,900.0	733.4	675.0
Mississippi	10,216.6	9,891.6	(D)	(D)	(D)	(D)
Missouri	28,583.3	28,691.6	24,816.7	25,283.3	3,766.6	3,408.3
Nebraska	12,124.9	17,691.6	11,233.3	16,858.3	891.6	833.3
New York	12,575.0	12,333.3	(D)	(D)	(D)	(D)
North Carolina	29,425.0	29,291.7	15,550.0	15,233.4	13,875.0	14,058.3
Ohio	85,575.0	84,550.0	(D)	(D)	(D)	(D)
Oklahoma	4,100.0	3,925.0	(D)	(D)	(D)	(D)
Oregon	4,383.3	5,216.7	4,383.3	5,216.7	-	-
Pennsylvania	55,241.7	59,508.3	51,841.7	55,908.3	3,400.0	3,600.0
South Carolina	7,425.0	6,916.6	5,483.3	4,916.6	1,941.7	2,000.0
South Dakota	4,016.7	3,116.7	4,016.7	3,116.7	-	-
Texas	46,441.7	46,358.4	(D)	(D)	(D)	(D)
Utah	11,458.4	13,800.0	11,458.4	13,800.0	-	-
Virginia	5,491.7	5,233.3	2,916.7	2,600.0	2,575.0	2,633.3
Washington	14,558.3	12,275.0	(D)	(D)	(D)	(D)
Wisconsin	12,466.6	17,925.0	11,983.3	17,441.7	483.3	483.3
Other States [1]	61,975.0	64,924.9	55,483.4	58,016.7	6,491.6	6,908.2
United States	763,199.6	783,524.5	653,175.1	673,258.3	110,024.5	110,266.2

- 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: September 2022 and 2023

[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	
	2022	2023	2022	2023	2022	2023
	(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	18,291.6	17,883.4	3,016.6	2,891.7	15,275.0	14,991.7
Arkansas	26,750.1	27,366.7	(D)	(D)	(D)	(D)
California	26,758.4	21,241.6	(D)	(D)	(D)	(D)
Colorado	3,800.1	7,850.0	(D)	(D)	(D)	(D)
Georgia	35,266.7	35,199.9	19,116.7	18,983.3	16,150.0	16,216.6
Illinois	12,708.4	14,033.3	12,391.7	13,708.3	316.7	325.0
Indiana	74,958.4	72,541.7	73,750.0	71,208.4	1,208.4	1,333.3
Iowa	81,458.3	94,416.8	79,700.0	92,508.4	1,758.3	1,908.4
Kentucky	9,691.6	9,575.1	(D)	(D)	(D)	(D)
Maryland	4,600.0	4,600.0	4,475.0	4,475.0	125.0	125.0
Michigan	34,775.0	32,691.7	(D)	(D)	(D)	(D)
Minnesota	18,016.7	16,500.0	17,358.3	15,875.0	658.4	625.0
Mississippi	9,750.0	9,566.6	(D)	(D)	(D)	(D)
Missouri	28,016.7	28,199.9	24,333.3	24,841.6	3,683.4	3,358.3
Nebraska	12,733.4	16,924.9	11,708.4	16,041.6	1,025.0	883.3
New York	12,025.0	11,858.3	(D)	(D)	(D)	(D)
North Carolina	28,066.7	28,808.4	14,500.0	15,283.4	13,566.7	13,525.0
Ohio	84,691.6	83,708.3	(D)	(D)	(D)	(D)
Oklahoma	3,883.4	3,775.1	(D)	(D)	(D)	(D)
Oregon	4,200.0	5,291.7	4,200.0	5,291.7	-	-
Pennsylvania	53,708.2	57,066.6	50,391.6	53,633.3	3,316.6	3,433.3
South Carolina	6,875.0	6,691.7	5,008.3	4,741.7	1,866.7	1,950.0
South Dakota	4,066.7	2,933.3	4,066.7	2,933.3	-	-
Texas	43,883.4	45,341.6	(D)	(D)	(D)	(D)
Utah	11,191.6	13,158.3	11,191.6	13,158.3	-	-
Virginia	5,233.3	5,175.0	2,750.0	2,583.4	2,483.3	2,591.6
Washington	14,150.0	12,075.0	(D)	(D)	(D)	(D)
Wisconsin	12,024.9	16,933.3	11,516.6	16,475.0	508.3	458.3
Other States [1]	59,999.9	62,333.2	53,825.0	55,874.8	6,174.9	6,458.4
United States	741,575.1	763,741.4	635,350.0	657,033.2	106,225.1	106,708.2

- 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: 2022-2023

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

Month	Being molted		Molt completed	
	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)
January	1.2	1.1	12.6	10.8
February	1.8	1.9	11.6	10.6
March	1.7	2.5	11.9	10.3
April	1.4	2.5	12.5	10.8
May	1.2	2.3	13.0	10.8
June	2.1	2.3	12.2	10.6
July	1.7	1.7	12.3	11.4
August	1.4	2.1	12.2	11.0
September	1.8	2.4	11.7	10.8
October	1.7	2.3	11.3	10.7
November	1.7		11.7	
December	0.8		11.9	

Total Layers Molted First Day of the Month – States and United States: September 1 and October 1, 2022-2023

State	Being molted				Molt completed			
	September 1		October 1		September 1		October 1	
	2022	2023	2022	2023	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	2.0	0.5	0.5	4.0	3.5	4.0	4.5
Arkansas	2.5	2.5	0.5	1.0	6.0	9.0	7.0	11.0
California	0.5	0.5	1.5	0.5	2.5	2.0	2.5	2.0
Colorado	1.0	4.5	1.0	1.0	0.5	2.5	0.5	6.0
Georgia	1.0	4.0	2.0	2.5	9.0	9.5	8.5	12.5
Illinois	11.5	6.5	9.5	7.0	14.5	22.5	21.5	24.0
Indiana	0.5	1.0	0.5	2.0	7.5	7.5	7.5	7.0
Iowa	0.5	2.0	0.5	1.5	11.0	9.0	9.0	7.0
Kentucky	3.5	6.0	5.0	3.5	-	10.5	3.0	9.5
Maryland	0.5	1.0	-	0.5	-	-	-	-
Michigan	1.5	1.5	0.5	1.5	3.5	2.0	4.5	2.5
Minnesota	-	0.5	0.5	1.5	3.5	6.0	3.5	6.0
Mississippi	2.0	4.0	3.0	2.5	23.5	13.0	22.0	12.5
Missouri	0.5	4.5	-	2.5	5.5	3.5	3.0	6.0
Nebraska	-	4.5	1.0	4.0	1.5	2.5	1.0	2.0
New York	0.5	1.0	1.0	1.0	2.5	2.5	1.5	1.5
North Carolina	1.0	1.0	0.5	2.0	8.5	6.5	6.5	6.5
Ohio	2.0	2.0	1.0	1.5	12.5	7.5	9.5	7.0
Oklahoma	6.0	6.5	3.5	6.0	30.5	26.0	27.5	22.0
Oregon	-	1.0	-	1.0	-	2.0	-	3.0
Pennsylvania	0.5	0.5	1.0	1.0	2.0	1.5	2.0	1.5
South Carolina	2.5	2.5	5.5	2.5	23.0	4.5	22.5	5.0
South Dakota	-	0.5	-	-	-	1.5	-	-
Texas	6.0	4.5	5.0	6.5	51.5	49.5	54.5	49.0
Utah	1.5	4.5	4.5	6.0	27.0	23.5	24.5	23.5
Virginia	4.5	1.5	1.5	1.0	-	-	4.5	-
Washington	1.5	2.0	2.0	0.5	6.5	11.0	8.0	11.5
Wisconsin	1.0	1.0	-	1.5	8.5	4.0	8.5	4.0
Other States [1]	4.0	3.4	4.1	3.6	21.0	22.8	20.6	21.9
United States	1.8	2.4	1.7	2.3	11.7	10.8	11.3	10.7

- Represents zero.
[1] Includes data for States not published in this table.

Hatchery Production – United States: 2022 and 2023

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on October 1	47,868	50,323	105
Chicks hatched during September	53,242	51,102	96
Chicks hatched January through September	485,345	488,750	101
Pullets hatched during September for intended placements:			
Hatchery supply flocks	263	270	103
Cumulative potential placements 7-18 months earlier [1]	3,212	2,667	83
Broiler-type			
Eggs in incubators on October 1	719,531	692,322	96
Chicks hatched during September	839,366	813,558	97
Chicks hatched January through September	7,518,057	7,466,152	99
Pullets hatched during September for intended placements:			
Hatchery supply flocks	8,143	8,138	100
Cumulative potential placements 7-15 months earlier [2]	78,441	71,906	92

[1] 2023 includes pullet chicks hatched March 2022 through February 2023.
[2] 2023 includes pullet chicks hatched June 2022 through February 2023.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2022-2023

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

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
January	46,372	47,370	102
February	51,822	50,031	97
March	57,677	54,004	94
April	57,156	55,511	97
May	51,046	55,306	108
June	49,652	55,584	112
July	45,360	49,521	109
August	49,852	48,823	98
September	49,192	49,908	101
October	47,868	50,323	105
November	47,299		
December	48,452		

Egg-Type Chicks Hatched by Month – United States: 2022-2023

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

Month	Monthly			Cumulative		
	2022	2023	2023 as percent of 2022	2022	2023	2023 as percent of 2022
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	49,048	50,748	103	49,048	50,748	103
February	51,796	52,009	100	100,844	102,757	102
March	60,099	58,971	98	160,943	161,728	100
April	50,636	55,713	110	211,579	217,441	103
May	57,802	58,888	102	269,381	276,329	103
June	56,816	58,209	102	326,197	334,538	103
July	49,915	50,433	101	376,112	384,971	102
August	55,991	52,677	94	432,103	437,648	101
September	53,242	51,102	96	485,345	488,750	101
October	50,330			535,675		
November	46,565			582,240		
December	48,438			630,678		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2022-2024

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

Month	Pullet chicks hatched		2023 as percent of 2022	Cumulative potential placements relative to current supply flocks 7-18 months earlier [1]	
	2022	2023		2023	2024
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	261	197	75	2,919	2,667
February	276	230	83	2,886	2,697
March	199	201	101	2,805	2,703
April	208	234	113	2,779	2,710
May	269	260	97	2,778	
June	218	199	91	2,774	
July	166	196	118	2,777	
August	249	255	102	2,713	
September	263	270	103	2,667	
October	251			2,669	
November	200			2,695	
December	217			2,686	
Annual total	2,777				

[1] For September 2023, includes breeder pullet chicks hatched March 2022 through February 2023. 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: 2022-2023

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

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
January	712,702	719,036	101
February	715,975	718,730	100
March	719,191	723,102	101
April	721,346	724,258	100
May	721,556	723,876	100
June	728,799	730,839	100
July	724,420	725,245	100
August	727,577	724,115	100
September	733,889	712,980	97
October	719,531	692,322	96
November	707,567		
December	721,529		

Broiler-Type Chicks Hatched – States and United States: September 2022 and 2023

State	During September			January-September		
	2022	2023	2023 as percent of 2022	2022	2023	2023 as percent of 2022
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	121,453	117,612	97	1,088,154	1,079,425	99
Arkansas	86,398	81,172	94	772,373	758,211	98
Delaware	17,516	20,057	115	156,037	169,688	109
Florida	3,980	4,127	104	37,126	36,481	98
Georgia	120,163	120,751	100	1,080,225	1,095,018	101
Kentucky	22,469	22,213	99	183,568	199,220	109
Louisiana	12,261	11,344	93	102,318	104,954	103
Maryland	27,568	28,005	102	251,949	253,598	101
Mississippi	58,768	58,352	99	536,022	532,913	99
Missouri	33,540	29,759	89	304,358	299,965	99
North Carolina	89,570	81,686	91	812,619	767,505	94
Oklahoma	26,498	22,970	87	230,821	222,077	96
Pennsylvania	24,212	25,328	105	207,963	218,958	105
South Carolina	18,899	19,619	104	166,828	175,122	105
Texas	65,137	62,585	96	584,307	566,771	97
Virginia	22,608	19,913	88	208,723	189,564	91
California, Tennessee, and West Virginia	45,886	45,201	99	408,979	406,598	99
Other States [1]	42,440	42,864	101	385,687	390,084	101
United States	839,366	813,558	97	7,518,057	7,466,152	99

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

Broiler-Type Chicks Hatched by Month – United States: 2022-2023

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

Month	Monthly			Cumulative		
	2022	2023	2023 as percent of 2022	2022	2023	2023 as percent of 2022
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	838,875	846,059	101	838,875	846,059	101
February	759,012	763,303	101	1,597,887	1,609,362	101
March	844,750	846,425	100	2,442,637	2,455,787	101
April	821,935	818,761	100	3,264,572	3,274,548	100
May	854,325	847,497	99	4,118,897	4,122,045	100
June	835,072	830,003	99	4,953,969	4,952,048	100
July	859,263	848,323	99	5,813,232	5,800,371	100
August	865,459	852,223	98	6,678,691	6,652,594	100
September	839,366	813,558	97	7,518,057	7,466,152	99
October	847,410			8,365,467		
November	809,629			9,175,096		
December	853,712			10,028,808		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2022-2024

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

Month	Pullet chicks hatched		2023 as percent of 2022	Cumulative potential placements relative to current supply flocks 7-15 months earlier [1]	
	2022	2023		2023	2024
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	7,880	8,010	102	76,325	75,299
February	8,499	7,706	91	75,295	76,516
March	9,296	8,991	97	74,989	77,096
April	7,935	8,117	102	74,146	76,076
May	8,468	8,643	102	73,568	
June	8,709	9,710	111	72,731	
July	7,536	8,519	113	72,593	
August	7,680	8,242	107	72,668	
September	8,143	8,138	100	71,906	
October	7,302			72,188	
November	7,662			72,769	
December	9,158			73,732	
Annual total	98,268				
Total placements [2]					
January	9,370	9,320	99		
February	10,423	9,298	89		
March	11,023	10,625	96		
April	9,212	9,776	106		
May	9,962	10,040	101		
June	10,338	11,427	111		
July	8,847	9,887	112		
August	9,053	9,993	110		
September	9,621	9,583	100		
October	8,793				
November	9,069				
December	10,522				
Annual total	116,233				

[1] For September 2023, includes breeder pullet chicks hatched June 2022 through February 2023.
[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 0.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 387 million layers by more than 0.6 percent. Chances are 9 out of 10 that the difference will not exceed 1.0 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	0.6	1.0	1,759	48	4,445	19	5
			(million)	(million)	(million)		
Eggs	0.7	1.3	56	2	138	18	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

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.