



Chickens and Eggs

ISSN: 1948-9064

Released April 22, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

March Egg Production Up 4 Percent

United States egg production totaled 9.62 billion during March 2019, up 4 percent from last year. Production included 8.42 billion table eggs, and 1.20 billion hatching eggs, of which 1.11 billion were broiler-type and 89.6 million were egg-type. The average number of layers during March 2019 totaled 404 million, up 3 percent from last year. March egg production per 100 layers was 2,385 eggs, up 1 percent from March 2018.

All layers in the United States on April 1, 2019 totaled 404 million, up 3 percent from last year. The 404 million layers consisted of 341 million layers producing table or market type eggs, 59.4 million layers producing broiler-type hatching eggs, and 3.38 million layers producing egg-type hatching eggs. Rate of lay per day on April 1, 2019, averaged 77.3 eggs per 100 layers, up 2 percent from April 1, 2018.

Egg-Type Chicks Hatched Down 4 Percent

Egg-type chicks hatched during March 2019 totaled 55.7 million, down 4 percent from March 2018. Eggs in incubators totaled 58.1 million on April 1, 2019, up 4 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 189 thousand during March 2019, up 3 percent from March 2018.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during March 2019 totaled 836 million, up 1 percent from March 2018. Eggs in incubators totaled 694 million on April 1, 2019, up 2 percent from a year ago.

Leading breeders placed 8.22 million broiler-type pullet chicks for future domestic hatchery supply flocks during March 2019, up 1 percent from March 2018.

This page intentionally left blank.

Contents

Average Layers During the Month – United States: 2018-2019.....	4
Egg Production During the Month by Type – United States: 2018-2019.....	4
Egg Production During the Month in Dozens by Type – United States: 2018-2019.....	4
Average Layers During the Month – United States.....	5
All Egg Production During the Month – United States.....	5
Layers on Hand and Eggs Produced by Type and Molt – United States: February-March 2018 and 2019.....	6
Layers on Hand and Eggs Produced by Type and Molt – United States: March-April 2018 and 2019.....	7
Layers on Hand and Eggs Produced – States and United States: During February 2018 and 2019.....	8
Layers on Hand and Eggs Produced – States and United States: During March 2018 and 2019.....	9
Egg Production by Type – States and United States: February 2018 and 2019.....	10
Egg Production by Type – States and United States: March 2018 and 2019.....	11
Egg Production in Dozens by Type – States and United States: February 2018 and 2019.....	12
Egg Production in Dozens by Type – States and United States: March 2018 and 2019.....	13
Molted as Percent of All Layers on the First of the Month – United States: 2018-2019.....	14
Molted as Percent of All Layers – States and United States: March 1 and April 1, 2018-2019.....	14
Hatchery Production – United States: 2018 and 2019.....	15
Egg-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019.....	16
Egg-Type Chicks Hatched by Month – United States: 2018-2019.....	16
Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2018-2019.....	17
Broiler-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019.....	17
Broiler-Type Chicks Hatched – States and United States: March 2018 and 2019.....	18
Broiler-Type Chicks Hatched by Month – United States: 2018-2019.....	18
Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2018-2019.....	19
Statistical Methodology.....	20
Terms and Definitions of Chickens and Eggs Estimates.....	21
Information Contacts.....	22

Average Layers During the Month – United States: 2018-2019

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

Month	2018		2019	
	(1,000 layers)		(1,000 layers)	
December ¹		388,256		392,577
January		388,368		394,789
February		390,282		399,559
March		392,585		403,590
April		392,319		
May		391,773		
June		391,581		
July		390,626		
August		390,726		
September		391,745		
October		392,492		
November		394,987		

¹ December previous year.

Egg Production During the Month by Type – United States: 2018-2019

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

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,252.0	9,435.6	8,106.1	8,259.1	1,145.9	1,176.5
January	9,132.1	9,456.6	7,983.3	8,275.4	1,148.8	1,181.2
February	8,278.0	8,599.6	7,226.9	7,516.5	1,051.1	1,083.1
March	9,243.3	9,624.4	8,070.2	8,421.3	1,173.1	1,203.1
April	8,932.3		7,785.1		1,147.2	
May	9,251.8		8,055.8		1,196.0	
June	8,965.7		7,798.2		1,167.5	
July	9,239.2		8,035.5		1,203.7	
August	9,304.6		8,106.1		1,198.5	
September	9,052.4		7,898.8		1,153.6	
October	9,369.8		8,185.2		1,184.6	
November	9,170.9		8,024.2		1,146.7	

¹ December previous year.

Egg Production During the Month in Dozens by Type – United States: 2018-2019

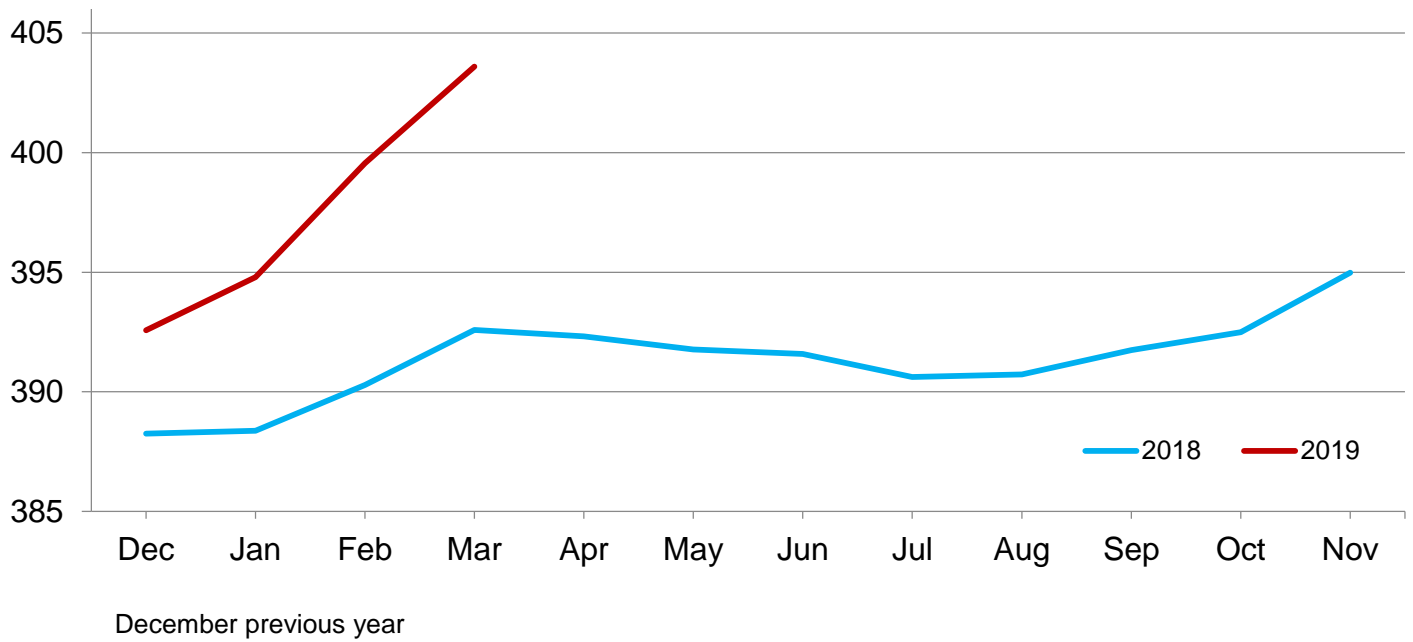
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(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	771,000.5	786,299.9	675,508.4	688,258.4	95,492.1	98,041.5
January	761,008.4	788,050.4	665,275.0	689,617.1	95,733.4	98,433.3
February	689,833.4	716,633.1	602,241.7	626,374.9	87,591.7	90,258.2
March	770,275.4	802,033.2	672,517.0	701,775.0	97,758.4	100,258.2
April	744,358.6		648,758.7		95,599.9	
May	770,983.3		671,316.9		99,666.4	
June	747,142.1		649,850.4		97,291.7	
July	769,933.8		669,625.3		100,308.5	
August	775,383.4		675,508.8		99,874.6	
September	754,366.7		658,233.4		96,133.3	
October	780,817.0		682,100.2		98,716.8	
November	764,242.0		668,683.5		95,558.5	

¹ December previous year.

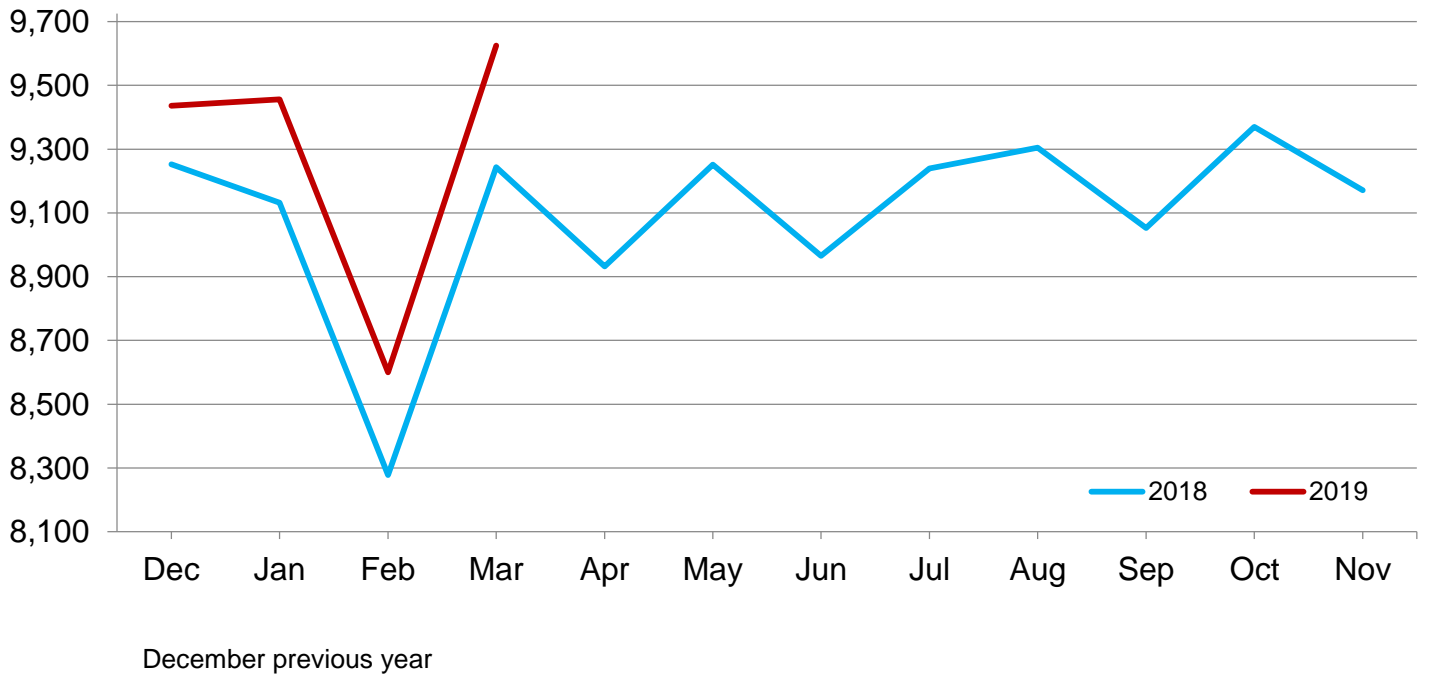
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



Layers on Hand and Eggs Produced by Type and Molt – United States: February-March 2018 and 2019

Item	2018	2019	2019 as percent of 2018
Layers during February			
All layers 1,000	390,282	399,559	102
Table egg type 1,000	328,559	336,802	103
Hatching egg type 1,000	61,723	62,757	102
Broiler-type hatching 1,000	58,241	59,284	102
Egg-type hatching 1,000	3,482	3,473	100
Eggs per 100 layers during February			
All layers number	2,121	2,152	101
Table egg type number	2,200	2,232	101
Hatching egg type number	1,703	1,726	101
Broiler-type hatching number	1,678	1,691	101
Egg-type hatching number	2,128	2,318	109
Eggs produced during February			
All layers million	8,278.0	8,599.6	104
Table egg type million	7,226.9	7,516.5	104
Hatching egg type million	1,051.1	1,083.1	103
Broiler-type hatching million	977.0	1,002.6	103
Egg-type hatching million	74.1	80.5	109
Eggs produced during February			
All layers 1,000 dozen	689,833.4	716,633.1	104
Table egg type 1,000 dozen	602,241.7	626,374.9	104
Hatching egg type 1,000 dozen	87,591.7	90,258.2	103
Broiler-type hatching 1,000 dozen	81,416.7	83,549.9	103
Egg-type hatching 1,000 dozen	6,175.0	6,708.3	109
Layers on March 1			
All layers 1,000	392,297	402,883	103
Table egg type 1,000	330,576	339,986	103
Hatching egg type 1,000	61,721	62,897	102
Broiler-type hatching 1,000	58,208	59,416	102
Egg-type hatching 1,000	3,513	3,481	99
Eggs per 100 layers on March 1			
All layers number	75.9	76.5	101
Table egg type number	78.8	79.3	101
Hatching egg type number	60.9	61.7	101
Broiler-type hatching number	60.0	60.5	101
Egg-type hatching number	76.2	83.3	109
Molted layers on March 1			
Being molted percent	1.8	1.5	83
Molt completed percent	16.0	13.8	86
Layers sold for slaughter during February 1,000	12,779.7	14,830.1	116
Layers rendered, died, destroyed, composted or disappeared for any reason during February 1,000	10,232.2	9,972.2	97
Pullets on March 1 1,000	119,847	122,359	102
Pullets added during February ¹ 1,000	29,018.1	25,986.6	90

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

Layers on Hand and Eggs Produced by Type and Molt – United States: March-April 2018 and 2019

Item	2018	2019	2019 as percent of 2018
Layers during March			
All layers 1,000	392,585	403,590	103
Table egg type 1,000	330,291	340,745	103
Hatching egg type 1,000	62,294	62,845	101
Broiler-type hatching 1,000	58,762	59,409	101
Egg-type hatching 1,000	3,532	3,436	97
Eggs per 100 layers during March			
All layers number	2,354	2,385	101
Table egg type number	2,443	2,471	101
Hatching egg type number	1,883	1,914	102
Broiler-type hatching number	1,854	1,874	101
Egg-type hatching number	2,364	2,608	110
Eggs produced during March			
All layers million	9,243.3	9,624.4	104
Table egg type million	8,070.2	8,421.3	104
Hatching egg type million	1,173.1	1,203.1	103
Broiler-type hatching million	1,089.6	1,113.5	102
Egg-type hatching million	83.5	89.6	107
Eggs produced during March			
All layers 1,000 dozen	770,275.4	802,033.2	104
Table egg type 1,000 dozen	672,517.0	701,775.0	104
Hatching egg type 1,000 dozen	97,758.4	100,258.2	103
Broiler-type hatching 1,000 dozen	90,800.0	92,791.5	102
Egg-type hatching 1,000 dozen	6,958.4	7,466.7	107
Layers on April 1			
All layers 1,000	392,843	404,261	103
Table egg type 1,000	329,990	341,487	103
Hatching egg type 1,000	62,853	62,774	100
Broiler-type hatching 1,000	59,305	59,391	100
Egg-type hatching 1,000	3,548	3,383	95
Eggs per 100 layers on April 1			
All layers number	75.9	77.3	102
Table egg type number	78.8	80.1	102
Hatching egg type number	60.5	61.7	102
Broiler-type hatching number	59.6	60.4	101
Egg-type hatching number	76.4	84.2	110
Molted layers on April 1			
Being molted percent	1.7	1.2	71
Molt completed percent	15.4	13.8	90
Layers sold for slaughter during March 1,000	14,295.0	14,457.4	101
Layers rendered, died, destroyed, composted or disappeared for any reason during March 1,000	10,085.8	10,118.4	100
Pullets on April 1 1,000	121,917	122,638	101
Pullets added during March ¹ 1,000	28,704.9	27,731.1	97

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

Layers on Hand and Eggs Produced – States and United States: During February 2018 and 2019

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,311	1,405	9,477	10,135	1,706	1,713
Arkansas	4,275	(D)	14,845	14,915	1,821	1,810
California	13,605	13,053	14,348	13,783	2,238	2,203
Colorado	4,164	4,322	4,684	4,835	2,289	2,345
Florida ¹	6,847	(NA)	7,289	(NA)	2,083	(NA)
Georgia	9,346	9,797	19,534	20,157	1,875	1,919
Illinois	5,169	5,870	5,742	6,444	2,255	2,216
Indiana	31,861	34,190	33,083	35,492	2,138	2,247
Iowa	54,867	56,381	56,612	58,114	2,151	2,228
Kentucky ²	(NA)	(D)	(NA)	5,800	(NA)	1,947
Maryland	2,629	2,602	2,818	2,794	2,253	2,273
Michigan	14,989	15,843	15,301	16,157	2,239	2,211
Minnesota	10,346	10,494	10,926	11,070	2,166	2,243
Mississippi	1,464	(D)	5,800	5,699	1,905	1,872
Missouri	7,419	7,639	11,762	12,605	2,174	2,270
Nebraska	7,273	8,201	7,506	8,477	2,353	2,373
New York	5,149	5,120	5,660	5,664	2,300	2,327
North Carolina	6,917	6,081	15,363	14,685	1,923	1,933
Ohio	31,684	33,810	32,864	35,017	2,187	2,258
Oklahoma ²	(NA)	(D)	(NA)	3,089	(NA)	1,751
Oregon	2,357	2,192	2,550	2,385	2,298	2,344
Pennsylvania	26,101	25,523	28,600	28,107	2,275	2,213
South Carolina	3,025	3,339	4,274	4,611	2,036	2,071
South Dakota	2,555	2,737	2,610	2,792	2,395	2,224
Texas	17,781	(D)	22,532	22,194	2,043	2,057
Utah	5,082	4,730	5,134	4,782	2,205	2,359
Virginia	787	904	2,666	2,747	2,138	1,922
Washington	6,810	6,838	6,975	7,003	2,364	2,402
Wisconsin	6,006	6,047	7,080	7,173	2,201	2,107
Other States ³	24,063	26,730	34,247	32,833	2,059	2,142
United States	313,882	321,332	390,282	399,559	2,121	2,152

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During March 2018 and 2019

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,327	1,421	9,731	10,203	1,872	1,901
Arkansas	4,329	(D)	14,821	14,993	2,063	2,026
California	13,676	12,937	14,419	13,665	2,524	2,402
Colorado	4,231	4,391	4,751	4,904	2,578	2,571
Florida ¹	7,042	(NA)	7,503	(NA)	2,300	(NA)
Georgia	9,388	9,981	19,671	20,513	2,077	2,135
Illinois	5,378	6,047	5,951	6,585	2,541	2,237
Indiana	32,113	34,028	33,341	35,304	2,390	2,507
Iowa	55,554	57,502	57,332	59,229	2,378	2,414
Kentucky ²	(NA)	(D)	(NA)	5,733	(NA)	2,226
Maryland	2,538	2,512	2,734	2,704	2,524	2,548
Michigan	15,242	15,943	15,554	16,257	2,531	2,483
Minnesota	10,327	10,582	10,904	11,151	2,422	2,516
Mississippi	1,450	(D)	5,785	5,706	2,140	2,114
Missouri	7,363	7,761	11,819	12,752	2,469	2,436
Nebraska	7,453	8,211	7,685	8,491	2,570	2,527
New York	4,971	4,959	5,497	5,506	2,574	2,621
North Carolina	7,027	6,282	15,550	14,915	2,153	2,132
Ohio	31,781	35,938	32,981	37,137	2,360	2,547
Oklahoma ²	(NA)	(D)	(NA)	3,069	(NA)	1,952
Oregon	2,306	2,184	2,499	2,377	2,689	2,541
Pennsylvania	26,088	25,380	28,607	27,900	2,526	2,453
South Carolina	2,972	3,254	4,226	4,541	2,220	2,352
South Dakota	2,563	2,795	2,618	2,850	2,628	2,488
Texas	17,779	(D)	22,601	22,442	2,295	2,334
Utah	5,187	4,777	5,239	4,829	2,453	2,618
Virginia	733	922	2,573	2,774	2,347	2,199
Washington	6,496	6,764	6,661	6,929	2,491	2,670
Wisconsin	6,114	6,038	7,202	7,152	2,417	2,328
Other States ³	24,116	26,874	34,330	32,979	2,278	2,402
United States	315,544	325,275	392,585	403,590	2,354	2,385

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

Egg Production by Type – States and United States: February 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	161.7	173.6	30.3	31.8	131.4	141.8
Arkansas	270.4	270.0	105.5	(D)	164.9	(D)
California	321.1	303.6	(D)	(D)	(D)	(D)
Colorado	107.2	113.4	(D)	(D)	(D)	(D)
Florida ¹	151.8	(NA)	148.1	(NA)	3.7	(NA)
Georgia	366.3	386.9	197.1	211.8	169.2	175.1
Illinois	129.5	142.8	126.0	140.2	3.5	2.6
Indiana	707.3	797.6	694.2	781.9	13.1	15.7
Iowa	1,217.5	1,294.9	1,201.9	1,274.7	15.6	20.2
Kentucky ²	(NA)	112.9	(NA)	(D)	(NA)	(D)
Maryland	63.5	63.5	62.5	62.4	1.0	1.1
Michigan	342.6	357.3	(D)	(D)	(D)	(D)
Minnesota	236.7	248.3	229.4	240.6	7.3	7.7
Mississippi	110.5	106.7	34.1	(D)	76.4	(D)
Missouri	255.7	286.1	(D)	255.8	(D)	30.3
Nebraska	176.6	201.2	173.2	196.6	3.4	4.6
New York	130.2	131.8	(D)	(D)	(D)	(D)
North Carolina	295.4	283.9	155.8	141.4	139.6	142.5
Ohio	718.7	790.7	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	54.1	(NA)	(D)	(NA)	(D)
Oregon	58.6	55.9	58.6	55.9	-	-
Pennsylvania	650.7	622.0	625.8	594.3	24.9	27.7
South Carolina	87.0	95.5	67.3	75.0	19.7	20.5
South Dakota	62.5	62.1	62.5	62.1	-	-
Texas	460.4	456.6	(D)	(D)	(D)	(D)
Utah	113.2	112.8	113.2	112.8	-	-
Virginia	57.0	52.8	28.1	25.0	28.9	27.8
Washington	164.9	168.2	(D)	(D)	(D)	(D)
Wisconsin	155.8	151.1	(D)	145.3	(D)	5.8
Other States ³	705.2	703.3	582.7	634.1	122.5	69.2
United States	8,278.0	8,599.6	7,226.9	7,516.5	1,051.1	1,083.1

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: March 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	182.2	194.0	32.6	35.2	149.6	158.8
Arkansas	305.7	303.8	123.0	(D)	182.7	(D)
California	363.9	328.3	(D)	(D)	(D)	(D)
Colorado	122.5	126.1	(D)	(D)	(D)	(D)
Florida ¹	172.6	(NA)	167.8	(NA)	4.8	(NA)
Georgia	408.6	438.0	218.9	242.2	189.7	195.8
Illinois	151.2	147.3	147.0	144.8	4.2	2.5
Indiana	797.0	885.2	782.5	868.1	14.5	17.1
Iowa	1,363.1	1,429.8	1,345.4	1,408.2	17.7	21.6
Kentucky ²	(NA)	127.6	(NA)	(D)	(NA)	(D)
Maryland	69.0	68.9	67.8	67.6	1.2	1.3
Michigan	393.7	403.6	(D)	(D)	(D)	(D)
Minnesota	264.1	280.6	256.0	272.3	8.1	8.3
Mississippi	123.8	120.6	38.9	(D)	84.9	(D)
Missouri	291.8	310.6	(D)	275.9	(D)	34.7
Nebraska	197.5	214.6	193.8	209.4	3.7	5.2
New York	141.5	144.3	(D)	(D)	(D)	(D)
North Carolina	334.8	318.0	180.6	157.9	154.2	160.1
Ohio	778.3	945.7	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	59.9	(NA)	(D)	(NA)	(D)
Oregon	67.2	60.4	67.2	60.4	-	-
Pennsylvania	722.5	684.4	694.3	654.5	28.2	29.9
South Carolina	93.8	106.8	72.0	84.1	21.8	22.7
South Dakota	68.8	70.9	68.8	70.9	-	-
Texas	518.6	523.9	(D)	(D)	(D)	(D)
Utah	128.5	126.4	128.5	126.4	-	-
Virginia	60.4	61.0	29.6	30.5	30.8	30.5
Washington	165.9	185.0	(D)	(D)	(D)	(D)
Wisconsin	174.1	166.5	(D)	160.5	(D)	6.0
Other States ³	782.2	792.2	646.0	715.0	136.2	77.2
United States	9,243.3	9,624.4	8,070.2	8,421.3	1,173.1	1,203.1

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: February 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(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	13,475.0	14,466.7	2,525.0	2,650.0	10,950.0	11,816.7
Arkansas	22,533.3	22,500.0	8,791.6	(D)	13,741.7	(D)
California	26,758.3	25,300.0	(D)	(D)	(D)	(D)
Colorado	8,933.4	9,449.9	(D)	(D)	(D)	(D)
Florida ¹	12,650.0	(NA)	12,341.7	(NA)	308.3	(NA)
Georgia	30,525.0	32,241.7	16,425.0	17,650.0	14,100.0	14,591.7
Illinois	10,791.6	11,899.9	10,500.0	11,683.3	291.6	216.6
Indiana	58,941.7	66,466.6	57,850.0	65,158.3	1,091.7	1,308.3
Iowa	101,458.3	107,908.3	100,158.3	106,225.0	1,300.0	1,683.3
Kentucky ²	(NA)	9,408.4	(NA)	(D)	(NA)	(D)
Maryland	5,291.6	5,291.7	5,208.3	5,200.0	83.3	91.7
Michigan	28,549.9	29,775.0	(D)	(D)	(D)	(D)
Minnesota	19,724.9	20,691.6	19,116.6	20,050.0	608.3	641.6
Mississippi	9,208.3	8,891.7	2,841.6	(D)	6,366.7	(D)
Missouri	21,308.4	23,841.6	(D)	21,316.6	(D)	2,525.0
Nebraska	14,716.7	16,766.7	14,433.4	16,383.4	283.3	383.3
New York	10,850.1	10,983.4	(D)	(D)	(D)	(D)
North Carolina	24,616.7	23,658.3	12,983.4	11,783.3	11,633.3	11,875.0
Ohio	59,891.7	65,891.7	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	4,508.4	(NA)	(D)	(NA)	(D)
Oregon	4,883.4	4,658.3	4,883.4	4,658.3	-	-
Pennsylvania	54,225.0	51,833.3	52,150.0	49,525.0	2,075.0	2,308.3
South Carolina	7,250.0	7,958.3	5,608.3	6,250.0	1,641.7	1,708.3
South Dakota	5,208.3	5,175.0	5,208.3	5,175.0	-	-
Texas	38,366.6	38,050.0	(D)	(D)	(D)	(D)
Utah	9,433.4	9,400.0	9,433.4	9,400.0	-	-
Virginia	4,750.0	4,400.0	2,341.6	2,083.3	2,408.4	2,316.7
Washington	13,741.7	14,016.7	(D)	(D)	(D)	(D)
Wisconsin	12,983.3	12,591.6	(D)	12,108.3	(D)	483.3
Other States ³	58,766.8	58,608.3	48,558.5	52,841.7	10,208.3	5,766.6
United States	689,833.4	716,633.1	602,241.7	626,374.9	87,591.7	90,258.2

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: March 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(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	15,183.4	16,166.7	2,716.7	2,933.4	12,466.7	13,233.3
Arkansas	25,475.0	25,316.6	10,250.0	(D)	15,225.0	(D)
California	30,325.0	27,358.3	(D)	(D)	(D)	(D)
Colorado	10,208.3	10,508.3	(D)	(D)	(D)	(D)
Florida ¹	14,383.3	(NA)	13,983.3	(NA)	400.0	(NA)
Georgia	34,050.0	36,500.0	18,241.7	20,183.3	15,808.3	16,316.7
Illinois	12,600.0	12,275.0	12,250.0	12,066.7	350.0	208.3
Indiana	66,416.8	73,766.7	65,208.4	72,341.7	1,208.4	1,425.0
Iowa	113,591.7	119,150.0	112,116.7	117,350.0	1,475.0	1,800.0
Kentucky ²	(NA)	10,633.3	(NA)	(D)	(NA)	(D)
Maryland	5,750.0	5,741.7	5,650.0	5,633.4	100.0	108.3
Michigan	32,808.4	33,633.4	(D)	(D)	(D)	(D)
Minnesota	22,008.4	23,383.3	21,333.4	22,691.6	675.0	691.7
Mississippi	10,316.6	10,050.0	3,241.6	(D)	7,075.0	(D)
Missouri	24,316.6	25,883.3	(D)	22,991.7	(D)	2,891.6
Nebraska	16,458.3	17,883.3	16,150.0	17,450.0	308.3	433.3
New York	11,791.7	12,025.0	(D)	(D)	(D)	(D)
North Carolina	27,900.0	26,500.0	15,050.0	13,158.3	12,850.0	13,341.7
Ohio	64,858.4	78,808.3	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	4,991.6	(NA)	(D)	(NA)	(D)
Oregon	5,600.0	5,033.3	5,600.0	5,033.3	-	-
Pennsylvania	60,208.3	57,033.2	57,858.3	54,541.6	2,350.0	2,491.6
South Carolina	7,816.7	8,900.1	6,000.0	7,008.4	1,816.7	1,891.7
South Dakota	5,733.4	5,908.4	5,733.4	5,908.4	-	-
Texas	43,216.6	43,658.3	(D)	(D)	(D)	(D)
Utah	10,708.3	10,533.4	10,708.3	10,533.4	-	-
Virginia	5,033.4	5,083.3	2,466.7	2,541.6	2,566.7	2,541.7
Washington	13,825.0	15,416.6	(D)	(D)	(D)	(D)
Wisconsin	14,508.3	13,875.0	(D)	13,375.0	(D)	500.0
Other States ³	65,183.5	66,016.8	53,833.5	59,583.4	11,350.0	6,433.4
United States	770,275.4	802,033.2	672,517.0	701,775.0	97,758.4	100,258.2

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Molted as Percent of All Layers on the First of the Month – United States: 2018-2019

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

Month	Being molted		Molt completed	
	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)
January	1.8	1.5	16.4	13.3
February	2.9	2.6	16.0	13.0
March	1.8	1.5	16.0	13.8
April	1.7	1.2	15.4	13.8
May	3.1		14.4	
June	3.0		14.7	
July	2.2		15.0	
August	2.2		14.6	
September	2.7		14.6	
October	2.3		15.2	
November	1.6		14.9	
December	1.1		14.6	

Molted as Percent of All Layers – States and United States: March 1 and April 1, 2018-2019

State	Being molted				Molt completed			
	March 1		April 1		March 1		April 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	-	0.5	1.5	0.5	3.5	5.0	3.5	3.5
Arkansas	-	2.0	-	1.0	8.5	8.5	6.5	10.0
California	0.5	2.0	0.5	1.5	12.0	8.5	11.5	9.0
Colorado	-	1.0	3.5	1.0	14.0	5.0	9.5	5.5
Florida ¹	2.5	(NA)	3.5	(NA)	52.0	(NA)	46.5	(NA)
Georgia	1.0	1.5	1.5	0.5	13.5	11.0	13.0	11.5
Illinois	1.5	1.5	1.5	-	10.0	13.5	9.5	13.0
Indiana	0.5	1.0	1.0	0.5	17.5	15.5	16.5	16.5
Iowa	5.0	2.0	2.5	2.5	24.5	18.0	26.5	17.5
Kentucky ²	(NA)	3.0	(NA)	-	(NA)	5.0	(NA)	4.5
Maryland	-	-	-	-	-	-	-	-
Michigan	-	1.5	1.0	1.0	5.0	4.0	4.0	5.0
Minnesota	1.0	-	1.0	1.0	14.0	7.5	14.5	7.0
Mississippi	1.0	2.0	1.0	-	10.5	18.5	10.5	18.5
Missouri	-	0.5	0.5	2.0	9.5	8.0	7.0	7.5
Nebraska	-	1.0	2.5	6.5	9.5	10.5	9.0	8.5
New York	-	-	1.0	-	5.5	3.5	3.5	1.5
North Carolina	1.5	0.5	1.0	0.5	12.5	5.0	12.0	5.5
Ohio	2.5	1.5	5.0	1.5	26.0	17.0	23.0	16.5
Oklahoma ²	(NA)	0.5	(NA)	0.5	(NA)	22.0	(NA)	22.0
Oregon	-	-	-	-	8.5	2.5	8.5	-
Pennsylvania	2.0	-	0.5	-	3.5	2.5	5.0	2.5
South Carolina	-	-	-	-	12.5	20.5	9.5	20.5
South Dakota	3.5	-	-	-	10.0	3.0	7.0	3.0
Texas	2.0	3.5	3.0	1.0	25.0	37.0	23.5	37.0
Utah	3.5	5.5	1.5	-	13.0	24.0	15.0	26.5
Virginia	-	-	-	-	-	4.0	-	-
Washington	3.5	-	3.5	1.0	14.5	16.0	9.0	15.5
Wisconsin	-	1.5	-	2.0	24.5	25.0	21.5	20.5
Other States ³	2.5	3.0	1.5	1.8	15.2	19.5	15.4	20.1
United States	1.8	1.5	1.7	1.2	16.0	13.8	15.4	13.8

- Represents zero.

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

Hatchery Production – United States: 2018 and 2019

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on April 1	55,990	58,121	104
Chicks hatched during March	58,147	55,656	96
Chicks hatched January through March	160,608	164,057	102
Pullets hatched during March for intended placements:			
Hatchery supply flocks	184	189	103
Cumulative potential placements 7-18 months earlier ¹	2,792	2,332	84
Broiler-type			
Eggs in incubators on April 1	683,117	694,210	102
Chicks hatched during March	828,179	835,954	101
Chicks hatched January through March	2,385,737	2,414,395	101
Pullets hatched during March for intended placements:			
Hatchery supply flocks	8,112	8,222	101
Cumulative potential placements 7-15 months earlier ²	69,495	70,625	102

¹ 2019 includes pullet chicks hatched September 2017 through August 2018.

² 2019 includes pullet chicks hatched December 2017 through August 2018.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019

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

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January	46,750	52,153	112
February	51,216	55,001	107
March	56,120	53,586	95
April	55,990	58,121	104
May	56,063		
June	50,523		
July	46,390		
August	46,678		
September	50,036		
October	51,647		
November	45,096		
December	50,858		

Egg-Type Chicks Hatched by Month – United States: 2018-2019

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

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	52,313	56,219	107	52,313	56,219	107
February	50,148	52,182	104	102,461	108,401	106
March	58,147	55,656	96	160,608	164,057	102
April	58,986			219,594		
May	60,063			279,657		
June	53,486			333,143		
July	50,752			383,895		
August	53,207			437,102		
September	49,610			486,712		
October	54,960			541,672		
November	46,844			588,516		
December	46,779			635,295		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2018-2019

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

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2018	2019		2018	2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	231	268	116	3,012	2,354
February	153	201	131	2,972	2,284
March	184	189	103	2,792	2,332
April	215			2,801	2,330
May	199			2,675	2,357
June	165			2,555	2,468
July	176			2,675	2,439
August	192			2,684	2,476
September	188			2,657	2,524
October	225			2,652	2,529
November	261			2,622	
December	250			2,523	
Total	2,439				

¹ For March 2019, includes breeder pullet chicks hatched September 2017 through August 2018. 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: 2018 and 2019

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

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January	680,502	683,669	100
February	674,490	687,593	102
March	682,716	693,433	102
April	683,117	694,210	102
May	691,301		
June	695,586		
July	688,754		
August	687,393		
September	671,760		
October	648,519		
November	647,483		
December	691,826		

Broiler-Type Chicks Hatched – States and United States: March 2018 and 2019

State	During March			January-March		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	109,562	108,430	99	314,314	324,158	103
Arkansas	88,497	89,782	101	255,626	260,044	102
Delaware	19,056	19,187	101	55,133	54,606	99
Florida	4,272	4,378	102	12,084	12,747	105
Georgia	127,697	125,312	98	368,856	362,743	98
Kentucky	27,725	27,430	99	80,131	79,922	100
Louisiana	12,922	13,537	105	37,746	38,858	103
Maryland	29,599	30,205	102	84,376	85,666	102
Mississippi	68,550	67,078	98	197,846	197,219	100
Missouri	29,185	30,837	106	85,124	87,270	103
North Carolina	82,622	87,049	105	236,396	247,647	105
Oklahoma	27,241	27,431	101	78,855	79,896	101
Pennsylvania	19,594	19,147	98	56,991	55,071	97
South Carolina	20,713	20,636	100	59,637	59,560	100
Texas	57,996	63,072	109	168,884	175,712	104
Virginia	24,258	23,604	97	68,949	67,427	98
California, Tennessee, and West Virginia	45,270	43,901	97	128,381	124,585	97
Other States ¹	33,420	34,938	105	96,408	101,264	105
United States	828,179	835,954	101	2,385,737	2,414,395	101

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

Broiler-Type Chicks Hatched by Month – United States: 2018-2019

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

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	822,829	828,596	101	822,829	828,596	101
February	734,729	749,845	102	1,557,558	1,578,441	101
March	828,179	835,954	101	2,385,737	2,414,395	101
April	802,652			3,188,389		
May	838,720			4,027,109		
June	821,452			4,848,561		
July	843,942			5,692,503		
August	839,600			6,532,103		
September	787,252			7,319,355		
October	790,000			8,109,355		
November	766,335			8,875,690		
December	826,323			9,702,013		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2018-2019

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

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2018 (1,000 chicks)	2019 (1,000 chicks)		2018 (1,000 chicks)	2019 (1,000 chicks)
United States placements					
January	7,071	7,478	106	68,873	70,299
February	7,631	7,882	103	69,049	70,207
March	8,112	8,222	101	69,495	70,625
April	7,714			70,200	71,317
May	8,301			70,626	71,521
June	8,344			70,737	71,797
July	7,497			70,069	72,550
August	8,361			70,095	72,314
September	8,286			69,567	71,895
October	7,275			69,421	71,773
November	7,907			70,050	
December	8,865			70,195	
Annual total	95,364				
Total placements ²					
January	8,736	8,957	103		
February	9,540	9,525	100		
March	9,806	10,161	104		
April	9,360				
May	10,197				
June	10,165				
July	8,867				
August	10,120				
September	9,895				
October	8,977				
November	9,726				
December	10,489				
Annual total	115,878				

¹ For March 2019, includes breeder pullet chicks hatched December 2017 through August 2018.

² United States production of intended placements worldwide.

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 all layers over the past 24 months is 1.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 404 million layers by more than 1.5 percent. Chances are 9 out of 10 that the difference will not exceed 2.5 percent.

Reliability of Layer and Egg Estimates

[Based on data for the past twenty-four months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
All layers	(percent) 1.5	(percent) 2.5	(1,000) 5,324	(1,000) 0	(1,000) 8,430	(number) 23	(number) 0
Eggs	1.5	2.6	(million) 130	(million) 0	(million) 206	23	0

Terms and Definitions of Chickens and Eggs Estimates

All 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.

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@nass.usda.gov

Travis Averill, Chief, Livestock Branch	(202) 720-3570
Tony Dorn, Head, Poultry and Specialty Commodities Section	(202) 690-3223
Holly Brenize – Poultry Slaughter.....	(202) 720-0585
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses	(202) 720-4751
Liana Cuffman – Catfish and Trout, Egg Products, Mink, Census of Aquaculture	(202) 720-8784
Adam Peters – Broiler Hatchery, Chicken Hatchery	(202) 690-3237
Kim Linonis – Layers, Eggs	(202) 690-3676
Fatema Haque – Turkey Hatchery, Turkeys Raised	(202) 720-3244
Erica Sadler – Cost of Pollination, Honey, Honey Bee Colonies	(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@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.