



Chickens and Eggs

ISSN: 1948-9064

Released May 21, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

April Egg Production Up 5 Percent

United States egg production totaled 9.34 billion during April 2019, up 5 percent from last year. Production included 8.18 billion table eggs, and 1.17 billion hatching eggs, of which 1.08 billion were broiler-type and 87.1 million were egg-type. The average number of layers during April 2019 totaled 403 million, up 3 percent from last year. April egg production per 100 layers was 2,318 eggs, up 2 percent from April 2018.

All layers in the United States on May 1, 2019 totaled 402 million, up 2 percent from last year. The 402 million layers consisted of 339 million layers producing table or market type eggs, 59.4 million layers producing broiler-type hatching eggs, and 3.59 million layers producing egg-type hatching eggs. Rate of lay per day on May 1, 2019, averaged 77.2 eggs per 100 layers, up 2 percent from May 1, 2018.

Egg-Type Chicks Hatched Up 3 Percent

Egg-type chicks hatched during April 2019 totaled 60.7 million, up 3 percent from April 2018. Eggs in incubators totaled 55.1 million on May 1, 2019, down 2 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 295 thousand during April 2019, up 44 percent from April 2018.

Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during April 2019 totaled 817 million, up 2 percent from April 2018. Eggs in incubators totaled 701 million on May 1, 2019, up 1 percent from a year ago.

Leading breeders placed 8.04 million broiler-type pullet chicks for future domestic hatchery supply flocks during April 2019, up 5 percent from April 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: March-April 2018 and 2019.....	6
Layers on Hand and Eggs Produced by Type and Molt – United States: April-May 2018 and 2019.....	7
Layers on Hand and Eggs Produced – States and United States: During March 2018 and 2019.....	8
Layers on Hand and Eggs Produced – States and United States: During April 2018 and 2019.....	9
Egg Production by Type – States and United States: March 2018 and 2019.....	10
Egg Production by Type – States and United States: April 2018 and 2019.....	11
Egg Production in Dozens by Type – States and United States: March 2018 and 2019.....	12
Egg Production in Dozens by Type – States and United States: April 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: April 1 and May 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: April 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		403,680
April		392,319		403,014
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	9,626.7	8,070.2	8,424.3	1,173.1	1,202.4
April	8,932.3	9,341.5	7,785.1	8,176.5	1,147.2	1,165.0
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

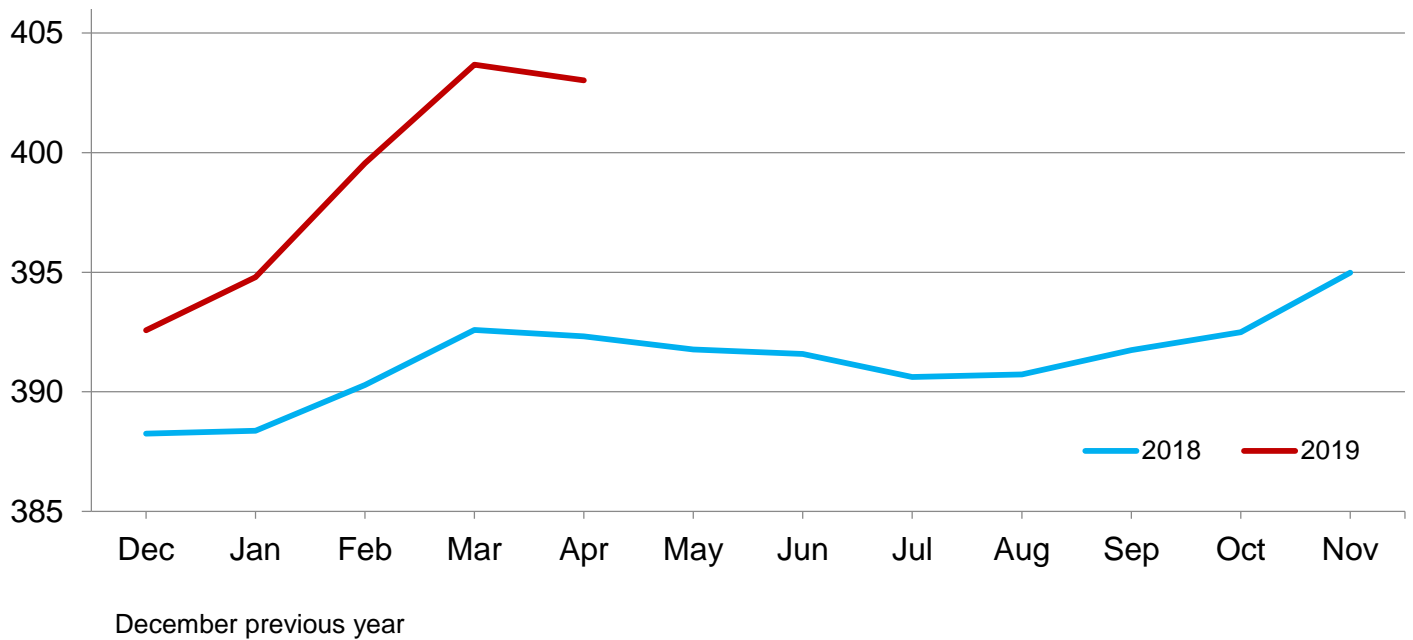
[Blank data cells indicate estimation period has not yet begun]

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	802,224.9	672,517.0	702,025.0	97,758.4	100,199.9
April	744,358.6	778,458.0	648,758.7	681,374.8	95,599.9	97,083.2
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.

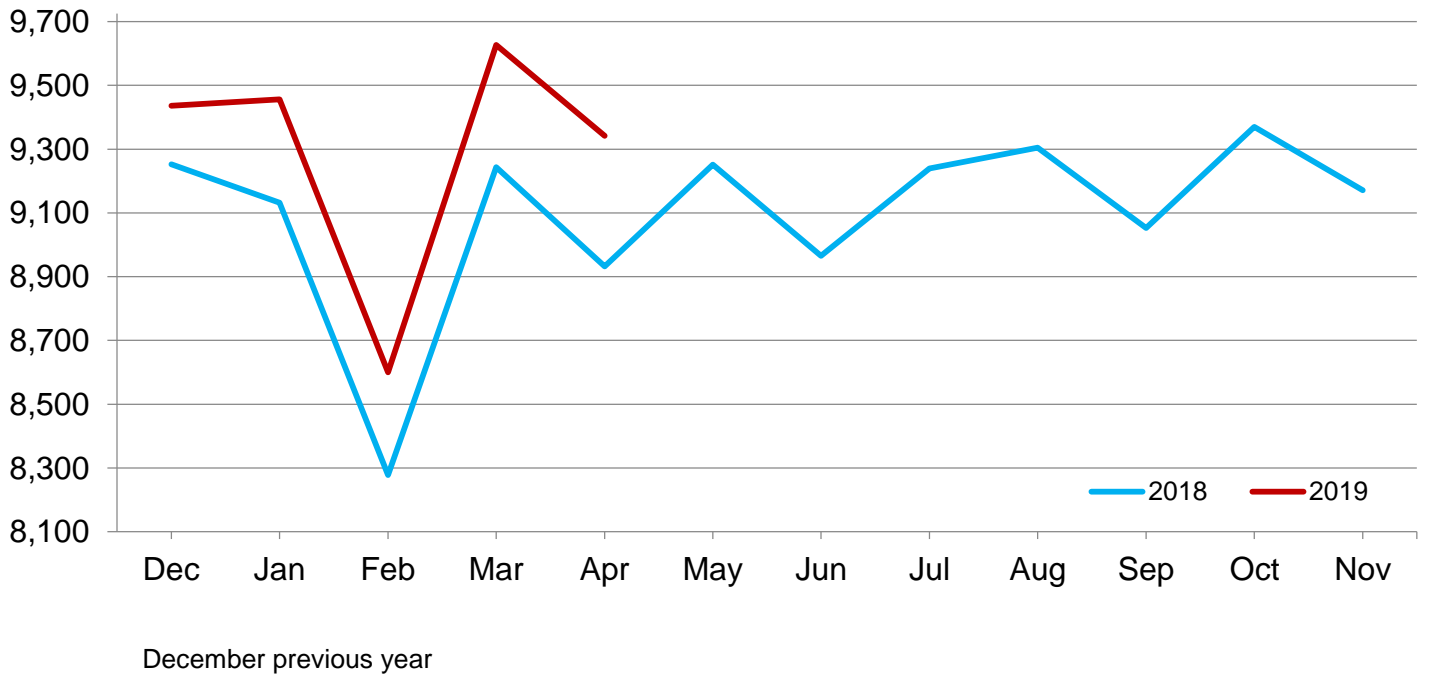
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



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

Item	2018	2019	2019 as percent of 2018
Layers during March			
All layers 1,000	392,585	403,680	103
Table egg type 1,000	330,291	340,855	103
Hatching egg type 1,000	62,294	62,825	101
Broiler-type hatching 1,000	58,762	59,389	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	2,472	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	9,626.7	104
Table egg type million	8,070.2	8,424.3	104
Hatching egg type million	1,173.1	1,202.4	102
Broiler-type hatching million	1,089.6	1,112.8	102
Egg-type hatching million	83.5	89.6	107
Eggs produced during March			
All layers 1,000 dozen	770,275.4	802,224.9	104
Table egg type 1,000 dozen	672,517.0	702,025.0	104
Hatching egg type 1,000 dozen	97,758.4	100,199.9	102
Broiler-type hatching 1,000 dozen	90,800.0	92,733.2	102
Egg-type hatching 1,000 dozen	6,958.4	7,466.7	107
Layers on April 1			
All layers 1,000	392,843	404,443	103
Table egg type 1,000	329,990	341,709	104
Hatching egg type 1,000	62,853	62,734	100
Broiler-type hatching 1,000	59,305	59,351	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	1.3	76
Molt completed percent	15.4	13.8	90
Layers sold for slaughter during March 1,000	14,295.0	14,312.1	100
Layers rendered, died, destroyed, composted or disappeared for any reason during March 1,000	10,085.8	10,173.0	101
Pullets on April 1 1,000	121,917	122,886	101
Pullets added during March ¹ 1,000	28,704.9	28,039.4	98

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

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

Item	2018	2019	2019 as percent of 2018
Layers during April			
All layers 1,000	392,319	403,014	103
Table egg type 1,000	329,336	340,167	103
Hatching egg type 1,000	62,983	62,847	100
Broiler-type hatching 1,000	59,466	59,356	100
Egg-type hatching 1,000	3,517	3,491	99
Eggs per 100 layers during April			
All layers number	2,277	2,318	102
Table egg type number	2,364	2,404	102
Hatching egg type number	1,821	1,854	102
Broiler-type hatching number	1,794	1,816	101
Egg-type hatching number	2,278	2,495	110
Eggs produced during April			
All layers million	8,932.3	9,341.5	105
Table egg type million	7,785.1	8,176.5	105
Hatching egg type million	1,147.2	1,165.0	102
Broiler-type hatching million	1,067.1	1,077.9	101
Egg-type hatching million	80.1	87.1	109
Eggs produced during April			
All layers 1,000 dozen	744,358.6	778,458.0	105
Table egg type 1,000 dozen	648,758.7	681,374.8	105
Hatching egg type 1,000 dozen	95,599.9	97,083.2	102
Broiler-type hatching 1,000 dozen	88,924.9	89,825.1	101
Egg-type hatching 1,000 dozen	6,675.0	7,258.1	109
Layers on May 1			
All layers 1,000	391,760	401,550	102
Table egg type 1,000	328,666	338,609	103
Hatching egg type 1,000	63,094	62,941	100
Broiler-type hatching 1,000	59,615	59,352	100
Egg-type hatching 1,000	3,479	3,589	103
Eggs per 100 layers on May 1			
All layers number	75.8	77.2	102
Table egg type number	78.7	80.0	102
Hatching egg type number	60.9	61.8	101
Broiler-type hatching number	60.0	60.6	101
Egg-type hatching number	75.4	81.5	108
Molted layers on May 1			
Being molted percent	3.1	2.4	77
Molt completed percent	14.4	13.2	92
Layers sold for slaughter during April 1,000	16,481.5	15,111.8	92
Layers rendered, died, destroyed, composted or disappeared for any reason during April 1,000	11,378.3	12,875.1	113
Pullets on May 1 1,000	122,785	123,894	101
Pullets added during April ¹ 1,000	28,493.5	27,878.9	98

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

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	12,931	14,419	13,639	2,524	2,401
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	7,744	11,819	12,735	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	6,276	15,550	14,909	2,153	2,132
Ohio	31,781	36,077	32,981	37,276	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	325,385	392,585	403,680	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.

Layers on Hand and Eggs Produced – States and United States: During April 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	1,274	1,459	9,793	10,267	1,804	1,835
Arkansas	4,161	(D)	14,803	14,890	1,965	2,007
California	13,520	12,873	14,263	13,551	2,469	2,308
Colorado	4,333	4,516	4,853	5,029	2,508	2,442
Florida ¹	7,040	(NA)	7,529	(NA)	2,180	(NA)
Georgia	9,200	10,182	19,650	20,697	1,991	2,084
Illinois	5,489	5,891	6,057	6,426	2,389	2,314
Indiana	32,461	33,718	33,661	34,941	2,332	2,415
Iowa	55,898	57,553	57,705	59,310	2,322	2,366
Kentucky ²	(NA)	(D)	(NA)	5,598	(NA)	2,176
Maryland	2,374	2,417	2,577	2,614	2,289	2,433
Michigan	14,948	16,266	15,249	16,570	2,513	2,376
Minnesota	10,163	10,582	10,744	11,159	2,411	2,457
Mississippi	1,462	(D)	5,809	5,736	2,030	2,035
Missouri	7,056	7,848	11,644	12,900	2,460	2,358
Nebraska	7,522	8,341	7,755	8,622	2,471	2,405
New York	4,848	4,829	5,374	5,369	2,410	2,481
North Carolina	7,165	6,477	15,738	15,037	2,117	2,047
Ohio	31,721	35,753	32,900	36,941	2,207	2,489
Oklahoma ²	(NA)	(D)	(NA)	3,073	(NA)	1,907
Oregon	2,201	2,173	2,394	2,366	2,586	2,489
Pennsylvania	25,861	25,269	28,386	27,840	2,436	2,400
South Carolina	3,146	3,053	4,401	4,357	2,152	2,231
South Dakota	2,571	2,773	2,626	2,828	2,502	2,511
Texas	17,803	(D)	22,670	22,620	2,210	2,256
Utah	4,882	4,901	4,934	4,953	2,355	2,461
Virginia	780	849	2,653	2,690	2,213	2,286
Washington	6,592	6,697	6,757	6,862	2,439	2,477
Wisconsin	6,297	5,940	7,372	7,049	2,339	2,402
Other States ³	23,751	26,628	34,022	32,719	2,213	2,332
United States	314,519	324,697	392,319	403,014	2,277	2,318

(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: 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	327.5	(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	310.2	(D)	275.5	(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	317.9	180.6	157.8	154.2	160.1
Ohio	778.3	949.3	(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	9,626.7	8,070.2	8,424.3	1,173.1	1,202.4

- 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: April 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	176.7	188.4	28.5	34.3	148.2	154.1
Arkansas	290.9	298.9	113.2	(D)	177.7	(D)
California	352.1	312.8	(D)	(D)	(D)	(D)
Colorado	121.7	122.8	(D)	(D)	(D)	(D)
Florida ¹	164.1	(NA)	158.8	(NA)	5.3	(NA)
Georgia	391.2	431.3	204.8	240.5	186.4	190.8
Illinois	144.7	148.7	140.6	146.3	4.1	2.4
Indiana	785.1	843.9	771.3	828.5	13.8	15.4
Iowa	1,339.8	1,403.0	1,323.5	1,381.5	16.3	21.5
Kentucky ²	(NA)	121.8	(NA)	(D)	(NA)	(D)
Maryland	59.0	63.6	57.6	62.3	1.4	1.3
Michigan	383.2	393.7	(D)	(D)	(D)	(D)
Minnesota	259.0	274.2	251.4	266.1	7.6	8.1
Mississippi	117.9	116.7	36.2	(D)	81.7	(D)
Missouri	286.5	304.2	(D)	269.5	(D)	34.7
Nebraska	191.6	207.4	187.9	202.3	3.7	5.1
New York	129.5	133.2	(D)	(D)	(D)	(D)
North Carolina	333.1	307.8	181.2	154.4	151.9	153.4
Ohio	726.1	919.3	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	58.6	(NA)	(D)	(NA)	(D)
Oregon	61.9	58.9	61.9	58.9	-	-
Pennsylvania	691.6	668.2	663.0	639.4	28.6	28.8
South Carolina	94.7	97.2	73.4	75.0	21.3	22.2
South Dakota	65.7	71.0	65.7	71.0	-	-
Texas	501.1	510.2	(D)	(D)	(D)	(D)
Utah	116.2	121.9	116.2	121.9	-	-
Virginia	58.7	61.5	28.7	32.0	30.0	29.5
Washington	164.8	170.0	(D)	(D)	(D)	(D)
Wisconsin	172.4	169.3	(D)	163.7	(D)	5.6
Other States ³	753.0	763.0	620.6	688.3	132.4	74.7
United States	8,932.3	9,341.5	7,785.1	8,176.5	1,147.2	1,165.0

- 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	27,291.7	(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	25,849.9	(D)	22,958.3	(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	26,491.7	15,050.0	13,150.0	12,850.0	13,341.7
Ohio	64,858.4	79,108.3	(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	802,224.9	672,517.0	702,025.0	97,758.4	100,199.9

- 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: April 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	14,725.0	15,700.0	2,375.0	2,858.3	12,350.0	12,841.7
Arkansas	24,241.7	24,908.4	9,433.4	(D)	14,808.3	(D)
California	29,341.7	26,066.7	(D)	(D)	(D)	(D)
Colorado	10,141.7	10,233.4	(D)	(D)	(D)	(D)
Florida ¹	13,675.0	(NA)	13,233.3	(NA)	441.7	(NA)
Georgia	32,600.1	35,941.7	17,066.7	20,041.7	15,533.4	15,900.0
Illinois	12,058.4	12,391.7	11,716.7	12,191.7	341.7	200.0
Indiana	65,425.0	70,324.9	64,275.0	69,041.6	1,150.0	1,283.3
Iowa	111,649.9	116,916.6	110,291.6	115,125.0	1,358.3	1,791.6
Kentucky ²	(NA)	10,150.0	(NA)	(D)	(NA)	(D)
Maryland	4,916.7	5,300.1	4,800.0	5,191.7	116.7	108.4
Michigan	31,933.4	32,808.3	(D)	(D)	(D)	(D)
Minnesota	21,583.3	22,850.0	20,950.0	22,175.0	633.3	675.0
Mississippi	9,825.1	9,725.0	3,016.7	(D)	6,808.4	(D)
Missouri	23,875.0	25,349.9	(D)	22,458.3	(D)	2,891.6
Nebraska	15,966.6	17,283.3	15,658.3	16,858.3	308.3	425.0
New York	10,791.7	11,100.0	(D)	(D)	(D)	(D)
North Carolina	27,758.3	25,650.0	15,100.0	12,866.7	12,658.3	12,783.3
Ohio	60,508.3	76,608.4	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	4,883.3	(NA)	(D)	(NA)	(D)
Oregon	5,158.4	4,908.3	5,158.4	4,908.3	-	-
Pennsylvania	57,633.3	55,683.3	55,250.0	53,283.3	2,383.3	2,400.0
South Carolina	7,891.7	8,100.0	6,116.7	6,250.0	1,775.0	1,850.0
South Dakota	5,475.0	5,916.7	5,475.0	5,916.7	-	-
Texas	41,758.3	42,516.7	(D)	(D)	(D)	(D)
Utah	9,683.3	10,158.3	9,683.3	10,158.3	-	-
Virginia	4,891.7	5,125.0	2,391.7	2,666.6	2,500.0	2,458.4
Washington	13,733.3	14,166.6	(D)	(D)	(D)	(D)
Wisconsin	14,366.6	14,108.2	(D)	13,641.6	(D)	466.6
Other States ³	62,750.1	63,583.2	51,716.8	57,358.3	11,033.3	6,224.9
United States	744,358.6	778,458.0	648,758.7	681,374.8	95,599.9	97,083.2

- 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	1.3	15.4	13.8
May	3.1	2.4	14.4	13.2
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: April 1 and May 1, 2018-2019

State	Being molted				Molt completed			
	April 1		May 1		April 1		May 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1.5	0.5	1.0	1.5	3.5	3.5	3.0	4.0
Arkansas	-	1.0	1.5	0.5	6.5	10.0	4.0	9.0
California	0.5	1.5	2.5	2.0	11.5	9.0	11.5	10.0
Colorado	3.5	1.0	-	1.5	9.5	5.5	12.0	6.0
Florida ¹	3.5	(NA)	8.5	(NA)	46.5	(NA)	43.0	(NA)
Georgia	1.5	0.5	4.5	2.0	13.0	11.5	10.0	9.5
Illinois	1.5	-	0.5	-	9.5	13.0	9.5	13.5
Indiana	1.0	0.5	1.5	2.5	16.5	16.5	16.0	17.0
Iowa	2.5	2.5	2.5	3.5	26.5	17.5	25.5	17.0
Kentucky ²	(NA)	-	(NA)	1.5	(NA)	4.5	(NA)	-
Maryland	-	-	-	-	-	-	-	-
Michigan	1.0	1.0	1.0	1.5	4.0	5.0	4.5	4.5
Minnesota	1.0	1.0	1.0	1.0	14.5	7.0	13.5	5.5
Mississippi	1.0	-	3.0	2.0	10.5	18.5	10.5	17.5
Missouri	0.5	2.0	1.5	-	7.0	7.5	6.0	9.0
Nebraska	2.5	6.5	3.5	3.0	9.0	8.5	8.0	10.0
New York	1.0	-	1.5	5.0	3.5	1.5	4.5	1.5
North Carolina	1.0	0.5	2.0	0.5	12.0	5.5	10.0	5.5
Ohio	5.0	1.5	10.5	2.0	23.0	16.5	22.5	15.5
Oklahoma ²	(NA)	0.5	(NA)	0.5	(NA)	22.0	(NA)	22.0
Oregon	-	-	-	-	8.5	-	4.5	-
Pennsylvania	0.5	-	1.5	0.5	5.0	2.5	5.0	2.5
South Carolina	-	-	2.5	3.5	9.5	20.5	9.0	16.5
South Dakota	-	-	7.5	-	7.0	3.0	3.5	0.5
Texas	3.0	1.0	5.0	6.0	23.5	37.0	20.5	34.5
Utah	1.5	-	7.0	9.5	15.0	26.5	12.5	24.0
Virginia	-	-	4.0	-	-	-	-	-
Washington	3.5	1.0	1.5	4.5	9.0	15.5	11.5	14.0
Wisconsin	-	2.0	-	2.5	21.5	20.5	18.5	17.0
Other States ³	1.5	2.3	2.6	3.9	15.4	20.1	13.5	19.9
United States	1.7	1.3	3.1	2.4	15.4	13.8	14.4	13.2

- 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 May 1	56,063	55,106	98
Chicks hatched during April	58,986	60,668	103
Chicks hatched January through April	219,181	224,727	103
Pullets hatched during April for intended placements:			
Hatchery supply flocks	205	295	144
Cumulative potential placements 7-18 months earlier ¹	2,899	2,446	84
Broiler-type			
Eggs in incubators on May 1	691,648	700,648	101
Chicks hatched during April	803,046	817,416	102
Chicks hatched January through April	3,189,565	3,232,329	101
Pullets hatched during April for intended placements:			
Hatchery supply flocks	7,688	8,036	105
Cumulative potential placements 7-15 months earlier ²	70,197	71,182	101

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

² 2019 includes pullet chicks hatched January 2018 through September 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	46,738	51,432	110
February	51,140	55,001	108
March	56,234	53,586	95
April	56,069	58,422	104
May	56,063	55,106	98
June	50,184		
July	46,193		
August	46,268		
September	50,036		
October	51,647		
November	45,096		
December	50,469		

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	51,900	56,219	108	51,900	56,219	108
February	50,148	52,182	104	102,048	108,401	106
March	58,147	55,658	96	160,195	164,059	102
April	58,986	60,668	103	219,181	224,727	103
May	59,756			278,937		
June	53,019			331,956		
July	50,806			382,762		
August	53,207			435,969		
September	49,610			485,579		
October	54,960			540,539		
November	47,043			587,582		
December	46,370			633,952		

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	251	268	107	3,118	2,446
February	148	201	136	3,035	2,402
March	195	189	97	2,908	2,468
April	205	295	144	2,899	2,446
May	185			2,824	2,468
June	178			2,755	2,509
July	159			2,858	2,515
August	263			2,877	2,476
September	150			2,836	2,524
October	271			2,819	2,579
November	242			2,776	2,669
December	268			2,568	
Total	2,515				

¹ For April 2019, includes breeder pullet chicks hatched October 2017 through September 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	680,865	683,669	100
February	674,818	687,593	102
March	683,932	693,433	101
April	683,441	695,057	102
May	691,648	700,648	101
June	696,163		
July	689,500		
August	687,888		
September	672,199		
October	648,499		
November	647,856		
December	692,140		

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

State	During April			January-April		
	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	106,034	106,091	100	421,109	430,249	102
Arkansas	85,632	87,453	102	341,258	347,397	102
Delaware	18,643	18,929	102	73,776	73,535	100
Florida	4,132	4,191	101	16,216	16,938	104
Georgia	123,555	122,801	99	492,411	485,544	99
Kentucky	26,802	26,823	100	106,933	106,745	100
Louisiana	12,493	12,840	103	50,239	51,698	103
Maryland	28,868	28,465	99	113,244	114,131	101
Mississippi	66,364	67,961	102	264,210	265,180	100
Missouri	28,271	29,738	105	113,395	117,008	103
North Carolina	80,364	84,425	105	316,734	332,105	105
Oklahoma	25,337	26,804	106	104,192	106,700	102
Pennsylvania	19,939	18,292	92	76,924	73,718	96
South Carolina	20,088	20,253	101	79,725	79,813	100
Texas	56,522	62,126	110	225,406	238,085	106
Virginia	22,528	22,756	101	91,477	90,183	99
California, Tennessee, and West Virginia	44,649	43,030	96	173,083	167,598	97
Other States ¹	32,825	34,438	105	129,233	135,702	105
United States	803,046	817,416	102	3,189,565	3,232,329	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	823,159	828,596	101	823,159	828,596	101
February	735,151	749,845	102	1,558,310	1,578,441	101
March	828,209	836,472	101	2,386,519	2,414,913	101
April	803,046	817,416	102	3,189,565	3,232,329	101
May	839,138			4,028,703		
June	822,100			4,850,803		
July	844,737			5,695,540		
August	840,163			6,535,703		
September	787,754			7,323,457		
October	790,516			8,113,973		
November	767,008			8,880,981		
December	826,760			9,707,741		

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	7,133	7,478	105	68,872	70,216
February	7,579	7,882	104	69,047	70,100
March	8,088	8,222	102	69,492	70,500
April	7,688	8,036	105	70,197	71,182
May	8,282			70,623	71,318
June	8,319			70,734	71,640
July	7,473			70,067	72,147
August	8,343			70,155	72,314
September	8,277			69,575	71,895
October	7,269			69,406	71,440
November	7,901			70,010	72,003
December	8,595			70,137	
Annual total	94,947				
Total placements ²					
January	8,817	8,957	102		
February	9,458	9,525	101		
March	9,782	10,161	104		
April	9,334	9,731	104		
May	10,178				
June	10,140				
July	8,843				
August	10,102				
September	9,886				
October	8,971				
November	9,720				
December	10,470				
Annual total	115,701				

¹ For April 2019, includes breeder pullet chicks hatched January 2018 through September 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 403 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) 5,189	(1,000) 0	(1,000) 8,430	(number) 23	(number) 0
Eggs	1.5	2.6	(million) 126	(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
Vacant – 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.