



# Chickens and Eggs

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## Update Alert – November 26, 2019

September and October 2019 United States total hatching, egg type and total egg production, rate of lay and percent of previous year were corrected in the text and pages 4, 6, 7 and 10-13. The data posted last Friday, at release time to the NASS publication database, QuickStats, were correct:

<https://quickstats.nass.usda.gov/>

## October Egg Production Up 3 Percent

United States egg production totaled 9.61 billion during October 2019, up 3 percent from last year. Production included 8.41 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 October 2019 totaled 397 million, up 1 percent from last year. October egg production per 100 layers was 2,422 eggs, up 1 percent from October 2018.

Total layers in the United States on November 1, 2019 totaled 398 million, up 1 percent from last year. The 398 million layers consisted of 336 million layers producing table or market type eggs, 58.6 million layers producing broiler-type hatching eggs, and 3.56 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2019, averaged 78.7 eggs per 100 layers, up 2 percent from November 1, 2018.

## Egg-Type Chicks Hatched Down 5 Percent

Egg-type chicks hatched during October 2019 totaled 52.4 million, down 5 percent from October 2018. Eggs in incubators totaled 47.9 million on November 1, 2019, up 6 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 199 thousand during October 2019, down 27 percent from October 2018.

## Broiler-Type Chicks Hatched Up 3 Percent

Broiler-type chicks hatched during October 2019 totaled 815 million, up 3 percent from October 2018. Eggs in incubators totaled 674 million on November 1, 2019, up 4 percent from a year ago.

Leading breeders placed 7.53 million broiler-type pullet chicks for future domestic hatchery supply flocks during October 2019, up 4 percent from October 2018.

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## 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 <sup>1</sup> .....		388,256		392,577
January .....		388,368		394,789
February .....		390,282		399,559
March .....		392,585		403,680
April .....		392,319		402,489
May .....		391,773		397,737
June .....		391,581		392,692
July .....		390,626		390,484
August .....		390,726		391,826
September .....		391,745		394,257
October .....		392,492		396,892
November .....		394,987		

<sup>1</sup> 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)					
December <sup>1</sup> .....	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	9,325.6	7,785.1	8,160.0	1,147.2	1,165.6
May .....	9,251.8	9,559.4	8,055.8	8,346.3	1,196.0	1,213.1
June .....	8,965.7	9,164.5	7,798.2	7,990.8	1,167.5	1,173.7
July .....	9,239.2	9,408.5	8,035.5	8,200.4	1,203.7	1,208.1
August .....	9,304.6	9,453.6	8,106.1	8,253.9	1,198.5	1,199.7
September .....	9,052.4	9,191.7	7,898.8	8,034.7	1,153.6	1,157.0
October .....	9,369.8	9,613.0	8,185.2	8,411.4	1,184.6	1,201.6
November .....	9,170.9		8,024.2		1,146.7	

<sup>1</sup> December previous year.

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

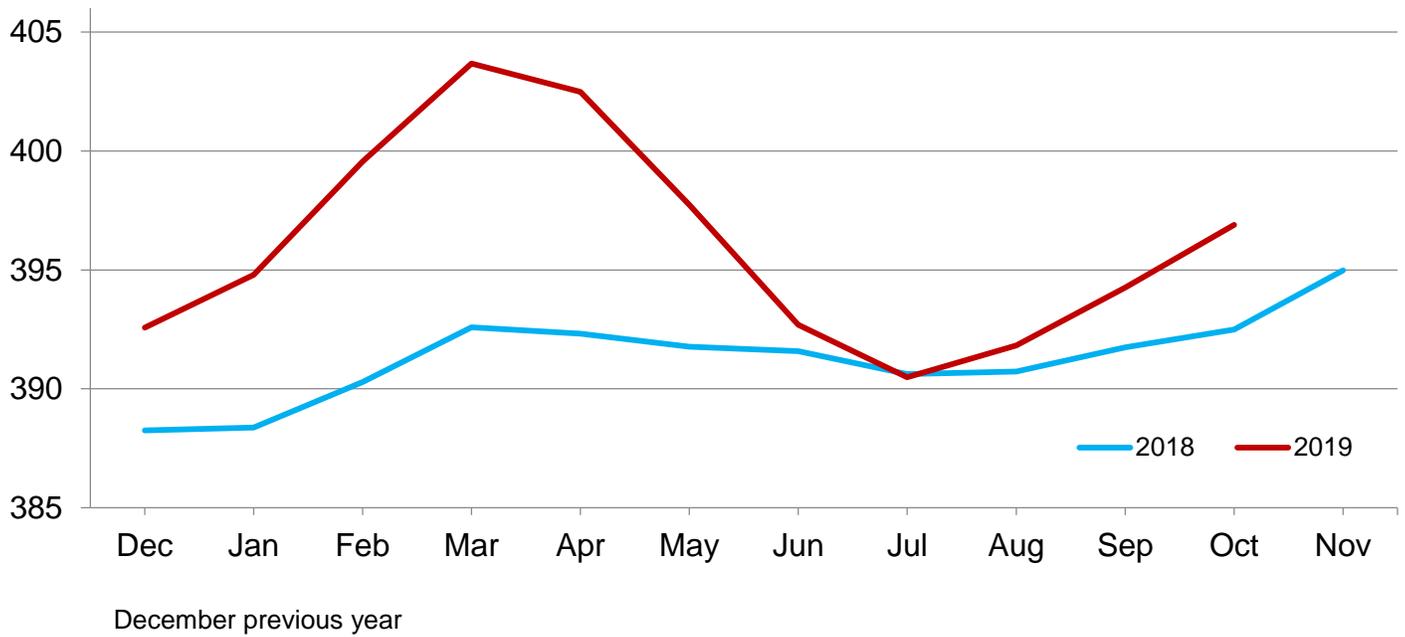
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)					
December <sup>1</sup> .....	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	777,133.0	648,758.7	679,999.9	95,599.9	97,133.1
May .....	770,983.3	796,616.6	671,316.9	695,525.0	99,666.4	101,091.6
June .....	747,142.1	763,708.5	649,850.4	665,900.2	97,291.7	97,808.3
July .....	769,933.8	784,041.3	669,625.3	683,366.7	100,308.5	100,674.6
August .....	775,383.4	787,799.8	675,508.8	687,825.1	99,874.6	99,974.7
September .....	754,366.7	765,974.8	658,233.4	669,558.0	96,133.3	96,416.8
October .....	780,817.0	801,083.0	682,100.2	700,949.9	98,716.8	100,133.1
November .....	764,242.0		668,683.5		95,558.5	

<sup>1</sup> December previous year.

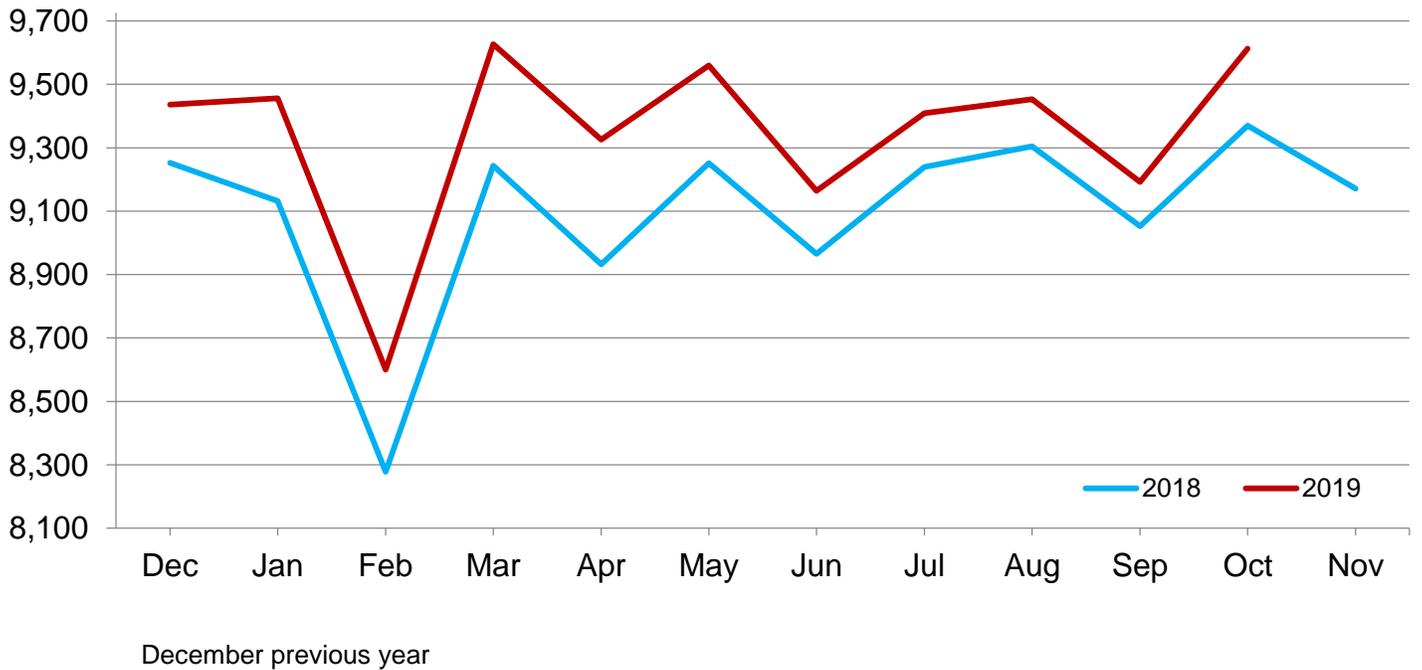
## Average Layers During the Month – United States

Million layers



## Total Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:  
September-October 2018 and 2019**

Item	2018	2019	2019 as percent of 2018
<b>Layers during September</b>			
Total layers ..... 1,000	391,745	394,257	101
Table egg type ..... 1,000	330,808	332,574	101
Hatching egg type ..... 1,000	60,937	61,683	101
Broiler-type hatching ..... 1,000	57,459	58,265	101
Egg-type hatching ..... 1,000	3,478	3,418	98
<b>Eggs per 100 layers during September</b>			
Total layers ..... number	2,311	2,331	101
Table egg type ..... number	2,388	2,416	101
Hatching egg type ..... number	1,893	1,876	99
Broiler-type hatching ..... number	1,860	1,843	99
Egg-type hatching ..... number	2,432	2,428	100
<b>Eggs produced during September</b>			
Total layers ..... million	9,052.4	9,191.7	102
Table egg type ..... million	7,898.8	8,034.7	102
Hatching egg type ..... million	1,153.6	1,157.0	100
Broiler-type hatching ..... million	1,069.0	1,074.0	100
Egg-type hatching ..... million	84.6	83.0	98
<b>Eggs produced during September</b>			
Total layers ..... 1,000 dozen	754,366.7	765,974.8	102
Table egg type ..... 1,000 dozen	658,233.4	669,558.0	102
Hatching egg type ..... 1,000 dozen	96,133.3	96,416.8	100
Broiler-type hatching ..... 1,000 dozen	89,083.2	89,499.9	100
Egg-type hatching ..... 1,000 dozen	7,050.1	6,916.9	98
<b>Layers on October 1</b>			
Total layers ..... 1,000	391,885	395,373	101
Table egg type ..... 1,000	331,015	333,589	101
Hatching egg type ..... 1,000	60,870	61,784	102
Broiler-type hatching ..... 1,000	57,422	58,247	101
Egg-type hatching ..... 1,000	3,448	3,537	103
<b>Eggs per 100 layers on October 1</b>			
Total layers ..... number	76.9	77.5	101
Table egg type ..... number	79.5	80.3	101
Hatching egg type ..... number	62.8	62.6	100
Broiler-type hatching ..... number	61.6	61.5	100
Egg-type hatching ..... number	81.4	80.0	98
<b>Molted layers on October 1</b>			
Being molted ..... percent	2.3	1.9	83
Molt completed ..... percent	15.2	13.3	88
Layers sold for slaughter during September ..... 1,000	14,442.1	14,033.5	97
Layers rendered, died, destroyed, composted or disappeared for any reason during September ..... 1,000	9,968.3	9,235.4	93
Pullets on October 1 ..... 1,000	126,134	125,399	99
Pullets added during September <sup>1</sup> ..... 1,000	26,415.1	26,373.5	100

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

**Layers on Hand and Eggs Produced by Type and Molt – United States:  
October-November 2018 and 2019**

Item	2018	2019	2019 as percent of 2018
<b>Layers during October</b>			
Total layers ..... 1,000	392,492	396,892	101
Table egg type ..... 1,000	331,574	334,917	101
Hatching egg type ..... 1,000	60,918	61,975	102
Broiler-type hatching ..... 1,000	57,551	58,424	102
Egg-type hatching ..... 1,000	3,367	3,551	105
<b>Eggs per 100 layers during October</b>			
Total layers ..... number	2,387	2,422	101
Table egg type ..... number	2,469	2,511	102
Hatching egg type ..... number	1,945	1,939	100
Broiler-type hatching ..... number	1,910	1,903	100
Egg-type hatching ..... number	2,536	2,523	99
<b>Eggs produced during October</b>			
Total layers ..... million	9,369.8	9,613.0	103
Table egg type ..... million	8,185.2	8,411.4	103
Hatching egg type ..... million	1,184.6	1,201.6	101
Broiler-type hatching ..... million	1,099.2	1,112.0	101
Egg-type hatching ..... million	85.4	89.6	105
<b>Eggs produced during October</b>			
Total layers ..... 1,000 dozen	780,817.0	801,083.0	103
Table egg type ..... 1,000 dozen	682,100.2	700,949.9	103
Hatching egg type ..... 1,000 dozen	98,716.8	100,133.1	101
Broiler-type hatching ..... 1,000 dozen	91,600.1	92,666.4	101
Egg-type hatching ..... 1,000 dozen	7,116.7	7,466.7	105
<b>Layers on November 1</b>			
Total layers ..... 1,000	393,060	398,382	101
Table egg type ..... 1,000	332,115	336,232	101
Hatching egg type ..... 1,000	60,945	62,150	102
Broiler-type hatching ..... 1,000	57,670	58,591	102
Egg-type hatching ..... 1,000	3,275	3,559	109
<b>Eggs per 100 layers on November 1</b>			
Total layers ..... number	77.1	78.7	102
Table egg type ..... number	79.7	81.7	103
Hatching egg type ..... number	62.7	62.5	100
Broiler-type hatching ..... number	61.5	61.2	100
Egg-type hatching ..... number	82.4	83.3	101
<b>Molted layers on November 1</b>			
Being molted ..... percent	1.6	1.7	106
Molt completed ..... percent	14.9	13.7	92
Layers sold for slaughter during October ..... 1,000	14,067.9	12,766.0	91
Layers rendered, died, destroyed, composted or disappeared for any reason during October ..... 1,000	11,204.4	10,574.3	94
Pullets on November 1 ..... 1,000	125,753	124,162	99
Pullets added during October <sup>1</sup> ..... 1,000	27,902.9	26,822.5	96

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

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

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,365	1,458	9,596	9,990	1,868	1,872
Arkansas .....	4,097	(D)	14,369	14,447	2,041	2,008
California .....	14,000	13,164	14,739	13,782	2,434	2,283
Colorado .....	4,363	4,499	4,883	5,012	2,539	2,544
Florida <sup>1</sup> .....	6,985	(NA)	7,448	(NA)	2,198	(NA)
Georgia .....	8,922	9,174	19,387	19,373	2,058	2,091
Illinois .....	5,638	6,014	6,197	6,598	2,430	2,458
Indiana .....	32,830	33,092	34,080	34,278	2,374	2,358
Iowa .....	56,660	55,877	58,361	57,654	2,342	2,433
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,586	(NA)	2,188
Maryland .....	2,563	2,413	2,770	2,623	2,365	2,413
Michigan .....	15,643	13,692	15,926	13,986	2,394	2,391
Minnesota .....	10,367	10,229	10,874	10,767	2,472	2,488
Mississippi .....	1,455	(D)	5,534	5,561	2,080	2,079
Missouri .....	7,829	7,387	12,678	12,473	2,374	2,457
Nebraska .....	7,707	8,820	7,967	9,309	2,499	2,449
New York .....	4,921	4,941	5,454	5,469	2,486	2,421
North Carolina .....	4,675	6,722	12,719	15,220	2,069	2,071
Ohio .....	32,082	34,906	33,272	36,111	2,384	2,382
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	2,993	(NA)	1,955
Oregon .....	2,109	2,053	2,302	2,246	2,585	2,573
Pennsylvania .....	25,744	25,561	28,312	28,128	2,430	2,486
South Carolina .....	3,196	2,662	4,446	3,970	2,114	2,086
South Dakota .....	2,654	2,742	2,709	2,797	2,488	2,631
Texas .....	17,699	(D)	22,394	22,549	2,206	2,254
Utah .....	4,516	4,425	4,568	4,477	2,504	2,584
Virginia .....	778	889	2,557	2,577	2,069	2,352
Washington .....	6,896	6,598	7,061	6,762	2,485	2,419
Wisconsin .....	6,102	5,854	7,195	6,958	2,392	2,494
Other States <sup>3</sup> .....	23,845	26,423	33,947	32,561	2,261	2,317
United States .....	315,641	317,104	391,745	394,257	2,311	2,331

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

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

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,376	1,455	9,535	9,930	1,933	1,958
Arkansas .....	4,201	(D)	14,444	14,423	2,069	2,064
California .....	13,846	12,738	14,580	13,371	2,543	2,422
Colorado .....	4,555	4,534	5,096	5,047	2,584	2,611
Florida <sup>1</sup> .....	6,993	(NA)	7,427	(NA)	2,262	(NA)
Georgia .....	8,929	9,206	19,662	19,466	2,142	2,159
Illinois .....	5,598	5,979	6,166	6,563	2,454	2,595
Indiana .....	33,046	33,599	34,286	34,835	2,430	2,423
Iowa .....	56,815	55,477	58,543	57,287	2,421	2,540
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,725	(NA)	2,227
Maryland .....	2,560	2,401	2,766	2,605	2,542	2,499
Michigan .....	15,569	14,189	15,845	14,483	2,468	2,507
Minnesota .....	10,201	10,142	10,692	10,646	2,505	2,531
Mississippi .....	1,430	(D)	5,519	5,651	2,172	2,152
Missouri .....	7,716	7,488	12,594	12,584	2,442	2,553
Nebraska .....	7,849	8,699	8,097	9,267	2,553	2,511
New York .....	4,979	4,939	5,523	5,471	2,502	2,542
North Carolina .....	4,750	7,029	12,821	15,542	2,118	2,179
Ohio .....	32,247	35,220	33,438	36,426	2,469	2,519
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	3,041	(NA)	2,009
Oregon .....	2,105	2,111	2,298	2,304	2,594	2,704
Pennsylvania .....	25,891	25,869	28,445	28,408	2,513	2,579
South Carolina .....	3,211	2,649	4,486	3,951	2,245	2,111
South Dakota .....	2,696	2,795	2,751	2,850	2,621	2,716
Texas .....	17,723	(D)	22,269	22,703	2,371	2,305
Utah .....	4,395	4,508	4,447	4,560	2,579	2,667
Virginia .....	879	934	2,644	2,625	2,114	2,427
Washington .....	6,918	6,532	7,083	6,695	2,640	2,574
Wisconsin .....	6,141	6,256	7,222	7,355	2,368	2,594
Other States <sup>3</sup> .....	23,717	26,934	33,813	33,078	2,339	2,392
United States .....	316,336	319,447	392,492	396,892	2,387	2,422

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: September 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 .....	179.3	187.0	33.5	38.0	145.8	149.0
Arkansas .....	293.3	290.1	112.0	(D)	181.3	(D)
California .....	358.7	314.6	(D)	(D)	(D)	(D)
Colorado .....	124.0	127.5	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	163.7	(NA)	158.3	(NA)	5.4	(NA)
Georgia .....	399.0	405.1	206.1	216.8	192.9	188.3
Illinois .....	150.6	162.2	146.9	158.5	3.7	3.7
Indiana .....	809.0	808.4	793.9	794.1	15.1	14.3
Iowa .....	1,367.0	1,403.0	1,348.1	1,384.4	18.9	18.6
Kentucky <sup>2</sup> .....	(NA)	122.2	(NA)	(D)	(NA)	(D)
Maryland .....	65.5	63.3	64.1	61.6	1.4	1.7
Michigan .....	381.3	334.4	(D)	(D)	(D)	(D)
Minnesota .....	268.8	267.9	262.6	260.7	6.2	7.2
Mississippi .....	115.1	115.6	36.3	(D)	78.8	(D)
Missouri .....	301.0	306.5	(D)	269.3	(D)	37.2
Nebraska .....	199.1	228.0	194.6	218.8	4.5	9.2
New York .....	135.6	132.4	(D)	(D)	(D)	(D)
North Carolina .....	263.1	315.2	116.8	162.5	146.3	152.7
Ohio .....	793.1	860.1	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	58.5	(NA)	(D)	(NA)	(D)
Oregon .....	59.5	57.8	59.5	57.8	-	-
Pennsylvania .....	688.1	699.4	657.7	671.4	30.4	28.0
South Carolina .....	94.0	82.8	72.2	60.2	21.8	22.6
South Dakota .....	67.4	73.6	67.4	73.6	-	-
Texas .....	493.9	508.2	(D)	(D)	(D)	(D)
Utah .....	114.4	115.7	114.4	115.7	-	-
Virginia .....	52.9	60.6	23.4	31.9	29.5	28.7
Washington .....	175.5	163.6	(D)	(D)	(D)	(D)
Wisconsin .....	172.1	173.5	(D)	168.0	(D)	5.5
Other States <sup>3</sup> .....	767.4	754.5	633.9	679.0	133.5	75.5
United States .....	9,052.4	9,191.7	7,898.8	8,034.7	1,153.6	1,157.0

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production by Type – States and United States: October 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 .....	184.3	194.4	35.4	39.2	148.9	155.2
Arkansas .....	298.8	297.7	115.3	(D)	183.5	(D)
California .....	370.7	323.8	(D)	(D)	(D)	(D)
Colorado .....	131.7	131.8	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	168.0	(NA)	163.3	(NA)	4.7	(NA)
Georgia .....	421.1	420.3	215.3	224.5	205.8	195.8
Illinois .....	151.3	170.3	147.2	166.6	4.1	3.7
Indiana .....	833.1	844.1	817.4	828.7	15.7	15.4
Iowa .....	1,417.6	1,454.9	1,396.8	1,434.4	20.8	20.5
Kentucky <sup>2</sup> .....	(NA)	127.5	(NA)	(D)	(NA)	(D)
Maryland .....	70.3	65.1	68.8	63.4	1.5	1.7
Michigan .....	391.0	363.1	(D)	(D)	(D)	(D)
Minnesota .....	267.8	269.4	261.9	262.7	5.9	6.7
Mississippi .....	119.9	121.6	37.7	(D)	82.2	(D)
Missouri .....	307.5	321.3	(D)	283.5	(D)	37.8
Nebraska .....	206.7	232.7	202.3	220.9	4.4	11.8
New York .....	138.2	139.1	(D)	(D)	(D)	(D)
North Carolina .....	271.5	338.7	121.9	181.1	149.6	157.6
Ohio .....	825.5	917.6	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	61.1	(NA)	(D)	(NA)	(D)
Oregon .....	59.6	62.3	59.6	62.3	-	-
Pennsylvania .....	714.9	732.6	683.3	704.2	31.6	28.4
South Carolina .....	100.7	83.4	78.0	60.6	22.7	22.8
South Dakota .....	72.1	77.4	72.1	77.4	-	-
Texas .....	528.0	523.3	(D)	(D)	(D)	(D)
Utah .....	114.7	121.6	114.7	121.6	-	-
Virginia .....	55.9	63.7	25.9	33.8	30.0	29.9
Washington .....	187.0	172.3	(D)	(D)	(D)	(D)
Wisconsin .....	171.0	190.8	(D)	185.4	(D)	5.4
Other States <sup>3</sup> .....	790.9	791.1	653.4	713.0	137.5	78.1
United States .....	9,369.8	9,613.0	8,185.2	8,411.4	1,184.6	1,201.6

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: September 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)					
Alabama .....	14,941.7	15,583.3	2,791.7	3,166.6	12,150.0	12,416.7
Arkansas .....	24,441.7	24,174.9	9,333.4	(D)	15,108.3	(D)
California .....	29,891.7	26,216.6	(D)	(D)	(D)	(D)
Colorado .....	10,333.3	10,625.0	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	13,641.7	(NA)	13,191.7	(NA)	450.0	(NA)
Georgia .....	33,250.0	33,758.4	17,175.0	18,066.7	16,075.0	15,691.7
Illinois .....	12,550.0	13,516.8	12,241.6	13,208.4	308.4	308.4
Indiana .....	67,416.6	67,366.7	66,158.3	66,175.0	1,258.3	1,191.7
Iowa .....	113,916.7	116,916.7	112,341.7	115,366.7	1,575.0	1,550.0
Kentucky <sup>2</sup> .....	(NA)	10,183.4	(NA)	(D)	(NA)	(D)
Maryland .....	5,458.4	5,275.0	5,341.7	5,133.3	116.7	141.7
Michigan .....	31,775.0	27,866.6	(D)	(D)	(D)	(D)
Minnesota .....	22,400.0	22,325.0	21,883.3	21,725.0	516.7	600.0
Mississippi .....	9,591.6	9,633.4	3,025.0	(D)	6,566.6	(D)
Missouri .....	25,083.4	25,541.7	(D)	22,441.7	(D)	3,100.0
Nebraska .....	16,591.6	19,000.0	16,216.6	18,233.3	375.0	766.7
New York .....	11,299.9	11,033.3	(D)	(D)	(D)	(D)
North Carolina .....	21,925.1	26,266.6	9,733.4	13,541.6	12,191.7	12,725.0
Ohio .....	66,091.6	71,675.0	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	4,875.0	(NA)	(D)	(NA)	(D)
Oregon .....	4,958.4	4,816.7	4,958.4	4,816.7	-	-
Pennsylvania .....	57,341.6	58,283.3	54,808.3	55,950.0	2,533.3	2,333.3
South Carolina .....	7,833.3	6,899.9	6,016.6	5,016.6	1,816.7	1,883.3
South Dakota .....	5,616.7	6,133.4	5,616.7	6,133.4	-	-
Texas .....	41,158.3	42,350.0	(D)	(D)	(D)	(D)
Utah .....	9,533.3	9,641.6	9,533.3	9,641.6	-	-
Virginia .....	4,408.4	5,049.9	1,950.0	2,658.3	2,458.4	2,391.6
Washington .....	14,625.0	13,633.3	(D)	(D)	(D)	(D)
Wisconsin .....	14,341.6	14,458.3	(D)	14,000.0	(D)	458.3
Other States <sup>3</sup> .....	63,950.1	62,875.0	52,825.2	56,583.4	11,124.9	6,291.6
United States .....	754,366.7	765,974.8	658,233.4	669,558.0	96,133.3	96,416.8

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: October 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)					
Alabama .....	15,358.3	16,200.0	2,950.0	3,266.7	12,408.3	12,933.3
Arkansas .....	24,900.0	24,808.3	9,608.3	(D)	15,291.7	(D)
California .....	30,891.8	26,983.3	(D)	(D)	(D)	(D)
Colorado .....	10,975.0	10,983.3	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	14,000.0	(NA)	13,608.3	(NA)	391.7	(NA)
Georgia .....	35,091.7	35,025.0	17,941.7	18,708.3	17,150.0	16,316.7
Illinois .....	12,608.4	14,191.7	12,266.7	13,883.4	341.7	308.3
Indiana .....	69,425.0	70,341.6	68,116.7	69,058.3	1,308.3	1,283.3
Iowa .....	118,133.3	121,241.6	116,400.0	119,533.3	1,733.3	1,708.3
Kentucky <sup>2</sup> .....	(NA)	10,625.0	(NA)	(D)	(NA)	(D)
Maryland .....	5,858.4	5,425.0	5,733.4	5,283.3	125.0	141.7
Michigan .....	32,583.4	30,258.3	(D)	(D)	(D)	(D)
Minnesota .....	22,316.7	22,450.0	21,825.0	21,891.6	491.7	558.4
Mississippi .....	9,991.6	10,133.3	3,141.6	(D)	6,850.0	(D)
Missouri .....	25,625.0	26,775.0	(D)	23,625.0	(D)	3,150.0
Nebraska .....	17,225.0	19,391.6	16,858.3	18,408.3	366.7	983.3
New York .....	11,516.7	11,591.6	(D)	(D)	(D)	(D)
North Carolina .....	22,625.0	28,225.0	10,158.3	15,091.7	12,466.7	13,133.3
Ohio .....	68,791.6	76,466.7	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	5,091.7	(NA)	(D)	(NA)	(D)
Oregon .....	4,966.7	5,191.6	4,966.7	5,191.6	-	-
Pennsylvania .....	59,574.9	61,050.1	56,941.6	58,683.4	2,633.3	2,366.7
South Carolina .....	8,391.7	6,950.0	6,500.0	5,050.0	1,891.7	1,900.0
South Dakota .....	6,008.4	6,450.0	6,008.4	6,450.0	-	-
Texas .....	44,000.0	43,608.4	(D)	(D)	(D)	(D)
Utah .....	9,558.3	10,133.4	9,558.3	10,133.4	-	-
Virginia .....	4,658.3	5,308.3	2,158.3	2,816.7	2,500.0	2,491.6
Washington .....	15,583.3	14,358.3	(D)	(D)	(D)	(D)
Wisconsin .....	14,249.9	15,900.0	(D)	15,450.0	(D)	450.0
Other States <sup>3</sup> .....	65,908.6	65,924.9	54,450.3	59,416.6	11,458.3	6,508.3
United States .....	780,817.0	801,083.0	682,100.2	700,949.9	98,716.8	100,133.1

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Molted as Percent of Total 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	2.5	14.4	13.2
June .....	3.0	2.1	14.7	13.4
July .....	2.2	2.0	15.0	13.5
August .....	2.2	2.0	14.6	13.4
September .....	2.7	2.0	14.6	13.2
October .....	2.3	1.9	15.2	13.3
November .....	1.6	1.7	14.9	13.7
December .....	1.1		14.6	

## Molted as Percent of Total Layers – States and United States: October 1 and November 1, 2018-2019

State	Being molted				Molt completed			
	October 1		November 1		October 1		November 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	0.5	1.0	-	0.5	6.0	7.0	6.5	7.0
Arkansas .....	3.0	1.0	-	1.0	7.5	11.0	9.5	10.0
California .....	1.5	3.0	0.5	1.0	11.5	8.5	11.5	10.0
Colorado .....	1.0	2.0	-	2.5	5.5	7.5	6.5	8.0
Florida <sup>1</sup> .....	7.0	(NA)	5.0	(NA)	35.5	(NA)	34.5	(NA)
Georgia .....	3.0	4.0	0.5	3.0	10.5	10.0	12.0	13.0
Illinois .....	-	-	1.0	-	16.0	10.0	11.5	7.0
Indiana .....	1.5	2.0	1.5	1.0	17.0	19.0	17.0	19.0
Iowa .....	2.5	2.5	2.5	2.5	20.5	16.0	19.0	17.0
Kentucky <sup>2</sup> .....	(NA)	2.0	(NA)	5.0	(NA)	1.5	(NA)	3.0
Maryland .....	-	-	-	-	-	-	-	-
Michigan .....	1.5	1.5	0.5	1.0	4.0	4.0	3.5	5.0
Minnesota .....	-	1.0	2.5	1.5	9.0	2.5	6.5	3.0
Mississippi .....	2.0	2.0	-	1.0	18.0	20.5	19.0	21.5
Missouri .....	1.5	-	4.0	1.0	7.5	5.5	7.5	4.5
Nebraska .....	3.5	5.0	1.5	1.0	9.5	6.5	12.5	8.5
New York .....	1.0	3.5	-	-	4.0	6.0	2.5	6.5
North Carolina .....	1.0	-	0.5	-	8.0	4.5	7.5	3.5
Ohio .....	4.5	2.0	3.5	2.5	24.0	15.0	24.0	14.5
Oklahoma <sup>2</sup> .....	(NA)	0.5	(NA)	0.5	(NA)	22.5	(NA)	22.0
Oregon .....	-	-	-	-	7.0	-	5.5	-
Pennsylvania .....	0.5	-	0.5	-	3.0	2.5	2.0	2.0
South Carolina .....	4.5	2.5	2.5	2.5	14.5	22.0	18.5	22.0
South Dakota .....	-	-	-	-	13.0	3.0	6.5	3.0
Texas .....	4.0	2.5	1.0	5.0	36.5	40.0	37.0	40.0
Utah .....	3.5	6.5	-	-	30.0	20.0	28.5	26.5
Virginia .....	-	-	-	-	9.0	-	8.0	-
Washington .....	1.0	4.5	1.5	-	13.0	11.0	13.5	15.0
Wisconsin .....	5.5	-	3.0	-	12.0	7.5	17.0	6.5
Other States <sup>3</sup> .....	2.1	2.0	1.7	2.4	15.9	21.7	15.2	21.5
United States .....	2.3	1.9	1.6	1.7	15.2	13.3	14.9	13.7

- Represents zero.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> 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)
<b>Egg-type</b>			
Eggs in incubators on November 1 .....	45,096	47,877	106
Chicks hatched during October .....	54,960	52,352	95
Chicks hatched January through October .....	540,539	537,304	99
<b>Pullets hatched during October for intended placements:</b>			
Hatchery supply flocks .....	271	199	73
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,819	2,579	91
<b>Broiler-type</b>			
Eggs in incubators on November 1 .....	647,856	674,321	104
Chicks hatched during October .....	790,516	814,644	103
Chicks hatched January through October .....	8,113,973	8,250,702	102
<b>Pullets hatched during October for intended placements:</b>			
Hatchery supply flocks .....	7,269	7,531	104
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	69,406	71,440	103

<sup>1</sup> 2019 includes pullet chicks hatched April 2018 through March 2019.

<sup>2</sup> 2019 includes pullet chicks hatched July 2018 through March 2019.

## 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	55,489	99
June .....	50,184	51,648	103
July .....	46,193	47,615	103
August .....	46,268	47,490	103
September .....	50,036	47,878	96
October .....	51,647	48,512	94
November .....	45,096	47,877	106
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	60,816	102	278,937	285,543	102
June .....	53,019	51,858	98	331,956	337,401	102
July .....	50,806	50,919	100	382,762	388,320	101
August .....	53,207	46,246	87	435,969	434,566	100
September .....	49,610	50,386	102	485,579	484,952	100
October .....	54,960	52,352	95	540,539	537,304	99
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: 2018-2020

[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 <sup>1</sup>	
	2018	2019		2019	2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	251	268	107	2,446	2,791
February .....	148	201	136	2,402	2,887
March .....	195	189	97	2,468	2,818
April .....	205	295	144	2,446	2,954
May .....	185	215	116	2,468	2,882
June .....	178	270	152	2,509	
July .....	159	255	160	2,515	
August .....	263	194	74	2,476	
September .....	150	286	191	2,524	
October .....	271	199	73	2,579	
November .....	242			2,669	
December .....	268			2,699	
Total .....	2,515				

<sup>1</sup> For October 2019, includes breeder pullet chicks hatched April 2018 through March 2019. 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	701,875	101
June .....	696,163	704,340	101
July .....	689,500	693,367	101
August .....	687,888	699,363	102
September .....	672,199	693,656	103
October .....	648,499	673,142	104
November .....	647,856	674,321	104
December .....	692,140		

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

State	During October			January-October		
	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 .....	107,309	114,804	107	1,080,595	1,111,288	103
Arkansas .....	85,838	81,722	95	870,410	874,972	101
Delaware .....	17,491	17,577	100	183,062	185,948	102
Florida .....	4,112	4,257	104	41,038	42,335	103
Georgia .....	120,899	124,140	103	1,242,072	1,242,099	100
Kentucky .....	26,043	26,339	101	271,206	271,141	100
Louisiana .....	12,293	13,056	106	127,522	131,702	103
Maryland .....	28,965	27,968	97	292,474	286,956	98
Mississippi .....	65,112	61,601	95	667,808	670,771	100
Missouri .....	29,636	30,414	103	299,513	305,945	102
North Carolina .....	72,685	83,899	115	793,383	844,516	106
Oklahoma .....	27,645	26,142	95	269,451	268,718	100
Pennsylvania .....	19,367	20,567	106	198,571	194,292	98
South Carolina .....	20,432	20,534	100	202,791	203,201	100
Texas .....	56,008	60,431	108	575,564	614,258	107
Virginia .....	22,626	22,700	100	229,102	228,915	100
California, Tennessee, and West Virginia .....	40,913	42,732	104	436,412	425,985	98
Other States <sup>1</sup> .....	33,142	35,761	108	332,999	347,660	104
United States .....	790,516	814,644	103	8,113,973	8,250,702	102

<sup>1</sup> 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	817,559	102	3,189,565	3,232,472	101
May .....	839,138	855,746	102	4,028,703	4,088,218	101
June .....	822,100	832,018	101	4,850,803	4,920,236	101
July .....	844,737	848,560	100	5,695,540	5,768,796	101
August .....	840,163	853,455	102	6,535,703	6,622,251	101
September .....	787,754	813,807	103	7,323,457	7,436,058	102
October .....	790,516	814,644	103	8,113,973	8,250,702	102
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: 2018-2020

[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 <sup>1</sup>	
	2018 (1,000 chicks)	2019 (1,000 chicks)		2019 (1,000 chicks)	2020 (1,000 chicks)
<b>United States placements</b>					
January .....	7,133	7,478	105	70,216	72,170
February .....	7,579	7,882	104	70,100	73,411
March .....	8,088	8,222	102	70,500	73,604
April .....	7,688	7,339	95	71,182	73,624
May .....	8,282	8,767	106	71,318	73,677
June .....	8,319	8,717	105	71,640	
July .....	7,473	8,510	114	72,147	
August .....	8,343	8,094	97	72,314	
September .....	8,277	8,615	104	71,895	
October .....	7,269	7,531	104	71,440	
November .....	7,901			71,306	
December .....	8,595			71,730	
Annual total .....	94,947				
<b>Total placements <sup>2</sup></b>					
January .....	8,817	8,957	102		
February .....	9,458	9,525	101		
March .....	9,782	10,161	104		
April .....	9,334	9,146	98		
May .....	10,178	10,797	106		
June .....	10,140	10,606	105		
July .....	8,843	10,444	118		
August .....	10,102	9,763	97		
September .....	9,886	10,468	106		
October .....	8,971	9,063	101		
November .....	9,720				
December .....	10,470				
Annual total .....	115,701				

<sup>1</sup> For October 2019, includes breeder pullet chicks hatched July 2018 through March 2019.

<sup>2</sup> 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 total layers over the past 24 months is 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 397 million layers by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.1 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
Total layers .....	(percent) 1.2	(percent) 2.1	(1,000) 3,858	(1,000) -	(1,000) 8,430	(number) 21	(number) 2
Eggs .....	1.3	2.2	(million) 92	(million) -	(million) 206	20	3

- Represents zero.

## 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.

## 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](mailto:nass@nass.usda.gov)

Travis Averill, Chief, Livestock Branch .....	(202) 692-0069
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, Mink, Census of Aquaculture .....	(202) 720-8784
Fatema Haque – Turkey Hatchery, Turkeys Raised .....	(202) 690-3244
Kim Linonis – Layers, Eggs, Egg Products .....	(202) 690-3676
Adam Peters – Honey, Honey Bee Colonies .....	(202) 690-3237
Takiyah Walker – Broiler Hatchery, Chicken Hatchery .....	(202) 720-6147

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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](mailto:nass@usda.gov).

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