



Chickens and Eggs

ISSN: 1948-9064

Released September 22, 2017, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

August Egg Production Up 1 Percent

United States egg production totaled 8.85 billion during August 2017, up 1 percent from last year. Production included 7.69 billion table eggs, and 1.17 billion hatching eggs, of which 1.09 billion were broiler-type and 77.3 million were egg-type. The total number of layers during August 2017 averaged 371 million, up 1 percent from last year. August egg production per 100 layers was 2,384 eggs, down slightly from August 2016.

All layers in the United States on September 1, 2017 totaled 372 million, up 1 percent from last year. The 372 million layers consisted of 312 million layers producing table or market type eggs, 56.7 million layers producing broiler-type hatching eggs, and 3.19 million layers producing egg-type hatching eggs. Rate of lay per day on September 1, 2017, averaged 76.2 eggs per 100 layers, down 1 percent from September 1, 2016.

Egg-Type Chicks Hatched Up 5 Percent

Egg-type chicks hatched during August 2017 totaled 45.6 million, up 5 percent from August 2016. Eggs in incubators totaled 40.2 million on September 1, 2017, down 6 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 254 thousand during August 2017, down 22 percent from August 2016.

Broiler-Type Chicks Hatched Up 3 Percent

Broiler-type chicks hatched during August 2017 totaled 833 million, up 3 percent from August 2016. Eggs in incubators totaled 674 million on September 1, 2017, up 4 percent from a year ago.

Leading breeders placed 8.16 million broiler-type pullet chicks for future domestic hatchery supply flocks during August 2017, up 6 percent from August 2016.

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Average Number of All Layers on Hand During the Month – United States: 2016-2017

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

Month	2016		2017	
	(1,000 layers)		(1,000 layers)	
December ¹		353,821		376,570
January		357,784		376,100
February		362,856		375,093
March		366,521		374,882
April		366,498		373,990
May		366,038		371,732
June		365,142		370,750
July		364,698		370,772
August		366,550		371,415
September		369,205		
October		370,864		
November		374,040		

¹ December previous year.

Egg Production During the Month by Type – United States: 2016-2017

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

Month	Total eggs		Table eggs		Hatching eggs	
	2016	2017	2016	2017	2016	2017
	(million eggs)					
December ¹	8,261.4	9,083.3	7,124.6	7,950.4	1,136.8	1,132.9
January	8,307.9	9,026.9	7,168.2	7,903.5	1,139.7	1,123.4
February	7,948.1	8,094.3	6,878.1	7,079.8	1,070.0	1,014.5
March	8,622.3	8,970.5	7,475.2	7,842.0	1,147.1	1,128.5
April	8,333.2	8,643.1	7,213.0	7,545.9	1,120.2	1,097.2
May	8,643.4	8,869.4	7,478.6	7,730.9	1,164.8	1,138.5
June	8,349.2	8,591.6	7,228.4	7,475.7	1,120.8	1,115.9
July	8,671.9	8,900.9	7,513.9	7,730.1	1,158.0	1,170.8
August	8,750.6	8,854.5	7,597.0	7,687.8	1,153.6	1,166.7
September	8,507.0		7,402.4		1,104.6	
October	8,850.6		7,711.8		1,138.8	
November	8,707.1		7,602.4		1,104.7	

¹ December previous year.

Egg Production During the Month in Dozens by Type – United States: 2016-2017

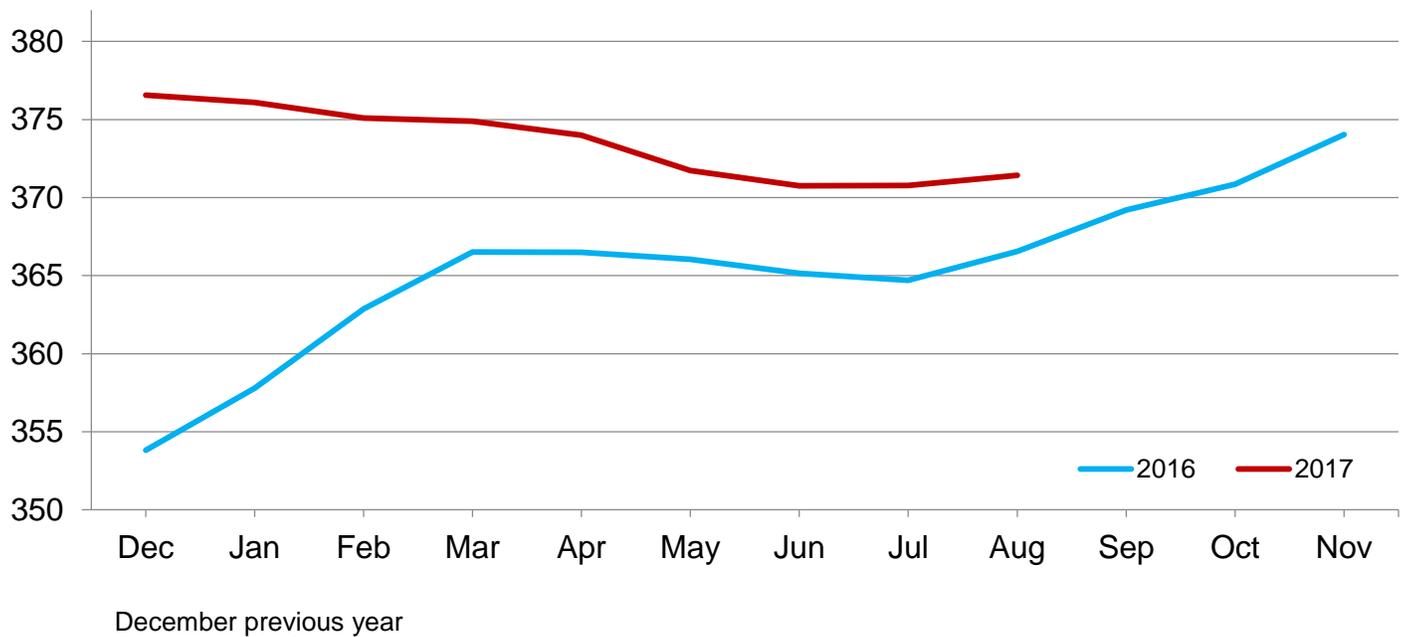
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2016	2017	2016	2017	2016	2017
	(1,000 dozen eggs)					
December ¹	688,450.7	756,941.4	593,717.2	662,533.1	94,733.5	94,408.3
January	692,325.3	752,241.9	597,350.4	658,624.8	94,974.9	93,617.1
February	662,341.5	674,525.1	573,175.0	589,983.7	89,166.5	84,541.4
March	718,525.0	747,542.1	622,933.2	653,500.1	95,591.8	94,042.0
April	694,433.4	720,258.7	601,083.4	628,825.4	93,350.0	91,433.3
May	720,283.4	739,116.8	623,216.7	644,241.5	97,066.7	94,875.3
June	695,766.8	715,967.1	602,366.9	622,975.1	93,399.9	92,992.0
July	722,658.5	741,742.4	626,158.4	644,175.3	96,500.1	97,567.1
August	729,216.4	737,875.6	633,083.3	640,650.2	96,133.1	97,225.4
September	708,917.3		616,867.3		92,050.0	
October	737,549.9		642,649.9		94,900.0	
November	725,592.3		633,533.7		92,058.6	

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: July-August 2016 and 2017

Item	2016	2017	2017 as percent of 2016
Layers during July			
All layers 1,000	364,698	370,772	102
Table egg type 1,000	306,374	310,552	101
Hatching egg type 1,000	58,324	60,220	103
Broiler-type hatching 1,000	54,569	57,039	105
Egg-type hatching 1,000	3,755	3,181	85
Eggs per 100 layers during July			
All layers number	2,378	2,401	101
Table egg type number	2,453	2,489	101
Hatching egg type number	1,985	1,944	98
Broiler-type hatching number	1,945	1,920	99
Egg-type hatching number	2,573	2,373	92
Eggs produced during July			
All layers million	8,671.9	8,900.9	103
Table egg type million	7,513.9	7,730.1	103
Hatching egg type million	1,158.0	1,170.8	101
Broiler-type hatching million	1,061.4	1,095.3	103
Egg-type hatching million	96.6	75.5	78
Eggs produced during July			
All layers 1,000 dozen	722,658.5	741,742.4	103
Table egg type 1,000 dozen	626,158.4	644,175.3	103
Hatching egg type 1,000 dozen	96,500.1	97,567.1	101
Broiler-type hatching 1,000 dozen	88,450.1	91,275.2	103
Egg-type hatching 1,000 dozen	8,050.0	6,291.9	78
Layers on August 1			
All layers 1,000	364,935	370,835	102
Table egg type 1,000	306,714	310,643	101
Hatching egg type 1,000	58,221	60,192	103
Broiler-type hatching 1,000	54,464	56,966	105
Egg-type hatching 1,000	3,757	3,226	86
Eggs per 100 layers on August 1			
All layers number	77.2	77.5	100
Table egg type number	79.7	80.4	101
Hatching egg type number	64.2	63.0	98
Broiler-type hatching number	63.1	62.2	99
Egg-type hatching number	80.5	77.7	97
Molted layers on August 1			
Being molted percent	2.6	2.5	96
Molt completed percent	17.3	15.5	90
Layers sold for slaughter during July 1,000	15,921.6	14,762.5	93
Layers rendered, died, destroyed, composted or disappeared for any reason during July 1,000	8,741.4	9,281.1	106
Pullets on August 1 1,000	119,044	114,691	96
Pullets added during July ¹ 1,000	26,577.8	24,510.4	92

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

**Layers on Hand and Eggs Produced by Type and Molt – United States:
August-September 2016 and 2017**

Item	2016	2017	2017 as percent of 2016
Layers during August			
All layers 1,000	366,550	371,415	101
Table egg type 1,000	308,616	311,361	101
Hatching egg type 1,000	57,934	60,054	104
Broiler-type hatching 1,000	54,190	56,842	105
Egg-type hatching 1,000	3,744	3,212	86
Eggs per 100 layers during August			
All layers number	2,387	2,384	100
Table egg type number	2,462	2,469	100
Hatching egg type number	1,991	1,943	98
Broiler-type hatching number	1,957	1,917	98
Egg-type hatching number	2,492	2,407	97
Eggs produced during August			
All layers million	8,750.6	8,854.5	101
Table egg type million	7,597.0	7,687.8	101
Hatching egg type million	1,153.6	1,166.7	101
Broiler-type hatching million	1,060.3	1,089.4	103
Egg-type hatching million	93.3	77.3	83
Eggs produced during August			
All layers 1,000 dozen	729,216.4	737,875.6	101
Table egg type 1,000 dozen	633,083.3	640,650.2	101
Hatching egg type 1,000 dozen	96,133.1	97,225.4	101
Broiler-type hatching 1,000 dozen	88,358.3	90,783.6	103
Egg-type hatching 1,000 dozen	7,774.8	6,441.8	83
Layers on September 1			
All layers 1,000	368,128	371,960	101
Table egg type 1,000	310,500	312,065	101
Hatching egg type 1,000	57,628	59,895	104
Broiler-type hatching 1,000	53,905	56,709	105
Egg-type hatching 1,000	3,723	3,186	86
Eggs per 100 layers on September 1			
All layers number	76.7	76.2	99
Table egg type number	79.0	78.9	100
Hatching egg type number	64.1	62.2	97
Broiler-type hatching number	63.0	61.4	97
Egg-type hatching number	79.8	77.7	97
Molted layers on September 1			
Being molted percent	2.7	3.3	122
Molt completed percent	16.5	16.0	97
Layers sold for slaughter during August 1,000	17,369.3	14,714.6	85
Layers rendered, died, destroyed, composted or disappeared for any reason during August 1,000	8,270.4	8,921.5	108
Pullets on September 1 1,000	116,516	115,021	99
Pullets added during August ¹ 1,000	27,635.4	26,668.9	97

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

Layers on Hand and Eggs Produced – States and United States: During July 2016 and 2017

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2016	2017	2016	2017	2016	2017
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,491	1,354	9,004	9,173	1,936	1,927
Arkansas	3,838	3,559	13,754	13,585	2,104	2,074
California	11,393	11,407	11,910	12,012	2,452	2,445
Colorado	3,771	4,181	4,225	4,606	2,544	2,540
Florida	7,868	6,639	8,291	7,007	2,406	2,329
Georgia	9,400	9,473	18,465	19,379	2,233	2,231
Illinois	4,678	4,390	5,159	4,863	2,634	2,540
Indiana	29,106	31,276	30,087	32,082	2,457	2,529
Iowa	50,782	53,469	52,128	54,877	2,388	2,465
Maryland	2,476	2,674	2,636	2,830	2,492	2,512
Michigan	13,098	14,113	13,336	14,335	2,492	2,514
Minnesota	9,528	9,811	9,971	10,336	2,462	2,535
Mississippi	1,438	1,493	5,601	5,681	2,121	2,107
Missouri	7,065	6,307	10,565	9,904	2,528	2,501
Nebraska	9,120	7,703	9,228	7,870	2,489	2,642
New York	5,349	5,228	5,723	5,591	2,502	2,586
North Carolina	6,735	7,025	14,330	15,206	2,150	2,157
Ohio	31,354	29,614	32,214	30,556	2,421	2,490
Oregon	2,057	2,159	2,196	2,298	2,596	2,715
Pennsylvania	24,755	25,301	27,013	27,309	2,603	2,528
South Carolina	2,956	2,775	4,241	3,984	2,252	2,304
South Dakota	2,039	2,603	2,181	2,745	2,251	2,477
Texas	16,169	17,082	20,403	21,423	2,294	2,263
Utah	4,415	5,112	4,453	5,150	2,324	2,505
Virginia	1,260	761	3,022	2,589	2,191	2,186
Washington	6,789	6,711	6,954	6,876	2,452	2,603
Wisconsin	4,756	5,379	5,445	6,006	2,402	2,561
Other States ¹	23,174	23,534	32,163	32,499	2,309	2,248
United States	296,860	301,133	364,698	370,772	2,378	2,401

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During August 2016 and 2017

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2016	2017	2016	2017	2016	2017
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,481	1,353	9,039	9,097	1,969	1,931
Arkansas	3,805	3,597	13,681	13,717	2,116	2,086
California	11,404	11,383	11,922	11,987	2,454	2,427
Colorado	3,969	4,150	4,412	4,550	2,446	2,527
Florida	7,914	6,718	8,343	7,133	2,359	2,271
Georgia	9,451	9,339	18,360	19,084	2,227	2,184
Illinois	4,665	4,410	5,142	4,886	2,583	2,517
Indiana	29,129	31,487	30,111	32,294	2,501	2,478
Iowa	51,200	53,682	52,563	55,118	2,458	2,432
Maryland	2,459	2,661	2,614	2,818	2,494	2,502
Michigan	12,987	13,903	13,225	14,125	2,457	2,561
Minnesota	9,837	9,791	10,298	10,321	2,448	2,517
Mississippi	1,443	1,491	5,527	5,655	2,149	2,124
Missouri	7,619	6,272	11,121	9,838	2,407	2,427
Nebraska	9,237	7,514	9,345	7,759	2,474	2,593
New York	5,314	5,114	5,692	5,476	2,521	2,631
North Carolina	6,983	7,125	14,467	15,320	2,149	2,153
Ohio	31,470	29,758	32,328	30,688	2,433	2,468
Oregon	2,066	2,236	2,205	2,375	2,544	2,720
Pennsylvania	24,488	25,232	26,748	27,196	2,595	2,540
South Carolina	2,871	2,966	4,128	4,171	2,200	2,302
South Dakota	2,230	2,604	2,372	2,746	2,281	2,418
Texas	16,277	17,288	20,410	21,580	2,331	2,246
Utah	4,439	5,178	4,477	5,216	2,325	2,512
Virginia	1,265	827	3,048	2,627	2,224	2,174
Washington	6,753	6,907	6,918	7,072	2,522	2,544
Wisconsin	4,929	5,511	5,617	6,154	2,373	2,524
Other States ¹	23,417	23,445	32,437	32,412	2,304	2,268
United States	299,102	301,942	366,550	371,415	2,387	2,384

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: July 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	174.3	176.8	36.0	35.0	138.3	141.8
Arkansas	289.4	281.8	99.9	95.9	189.5	185.9
California	292.0	293.7	(D)	(D)	(D)	(D)
Colorado	107.5	117.0	(D)	(D)	(D)	(D)
Florida	199.5	163.2	194.3	158.4	5.2	4.8
Georgia	412.4	432.3	233.5	231.2	178.9	201.1
Illinois	135.9	123.5	131.0	118.7	4.9	4.8
Indiana	739.2	811.3	721.2	795.4	18.0	15.9
Iowa	1,244.9	1,352.9	1,223.0	1,335.5	21.9	17.4
Maryland	65.7	71.1	64.3	69.8	1.4	1.3
Michigan	332.3	360.4	(D)	(D)	(D)	(D)
Minnesota	245.5	262.0	239.6	255.6	5.9	6.4
Mississippi	118.8	119.7	36.3	38.2	82.5	81.5
Missouri	267.1	247.7	(D)	(D)	(D)	(D)
Nebraska	229.7	207.9	229.7	207.1	-	0.8
New York	143.2	144.6	(D)	(D)	(D)	(D)
North Carolina	308.1	328.0	164.1	174.2	144.0	153.8
Ohio	779.8	760.7	(D)	(D)	(D)	(D)
Oregon	57.0	62.4	57.0	62.4	-	-
Pennsylvania	703.2	690.3	666.1	659.5	37.1	30.8
South Carolina	95.5	91.8	71.6	69.2	23.9	22.6
South Dakota	49.1	68.0	49.1	68.0	-	-
Texas	468.0	484.8	(D)	(D)	(D)	(D)
Utah	103.5	129.0	103.5	129.0	-	-
Virginia	66.2	56.6	32.9	23.0	33.3	33.6
Washington	170.5	179.0	(D)	(D)	(D)	(D)
Wisconsin	130.8	153.8	(D)	(D)	(D)	(D)
Other States ¹	742.8	730.6	606.2	597.0	136.6	133.6
United States	8,671.9	8,900.9	7,513.9	7,730.1	1,158.0	1,170.8

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: August 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	178.0	175.7	38.7	34.8	139.3	140.9
Arkansas	289.5	286.2	100.1	97.6	189.4	188.6
California	292.6	290.9	(D)	(D)	(D)	(D)
Colorado	107.9	115.0	(D)	(D)	(D)	(D)
Florida	196.8	162.0	191.0	156.9	5.8	5.1
Georgia	408.9	416.8	230.9	223.6	178.0	193.2
Illinois	132.8	123.0	127.9	118.4	4.9	4.6
Indiana	753.1	800.2	734.5	784.0	18.6	16.2
Iowa	1,292.2	1,340.4	1,271.4	1,322.4	20.8	18.0
Maryland	65.2	70.5	63.9	69.4	1.3	1.1
Michigan	325.0	361.7	(D)	(D)	(D)	(D)
Minnesota	252.1	259.8	246.3	253.6	5.8	6.2
Mississippi	118.8	120.1	36.9	38.5	81.9	81.6
Missouri	267.7	238.8	(D)	(D)	(D)	(D)
Nebraska	231.2	201.2	231.2	197.3	-	3.9
New York	143.5	144.1	(D)	(D)	(D)	(D)
North Carolina	310.9	329.9	169.4	175.9	141.5	154.0
Ohio	786.5	757.5	(D)	(D)	(D)	(D)
Oregon	56.1	64.6	56.1	64.6	-	-
Pennsylvania	694.2	690.7	658.3	660.9	35.9	29.8
South Carolina	90.8	96.0	66.9	73.3	23.9	22.7
South Dakota	54.1	66.4	54.1	66.4	-	-
Texas	475.8	484.6	(D)	(D)	(D)	(D)
Utah	104.1	131.0	104.1	131.0	-	-
Virginia	67.8	57.1	34.4	24.5	33.4	32.6
Washington	174.5	179.9	(D)	(D)	(D)	(D)
Wisconsin	133.3	155.3	(D)	(D)	(D)	(D)
Other States ¹	747.2	735.1	609.0	601.3	138.2	133.8
United States	8,750.6	8,854.5	7,597.0	7,687.8	1,153.6	1,166.7

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: July 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017
	(1,000 dozen eggs)					
Alabama	14,525.0	14,733.3	3,000.0	2,916.6	11,525.0	11,816.7
Arkansas	24,116.7	23,483.4	8,325.0	7,991.7	15,791.7	15,491.7
California	24,333.3	24,474.9	(D)	(D)	(D)	(D)
Colorado	8,958.3	9,750.0	(D)	(D)	(D)	(D)
Florida	16,625.0	13,600.0	16,191.7	13,200.0	433.3	400.0
Georgia	34,366.7	36,025.1	19,458.3	19,266.7	14,908.4	16,758.4
Illinois	11,325.0	10,291.7	10,916.7	9,891.7	408.3	400.0
Indiana	61,600.0	67,608.3	60,100.0	66,283.3	1,500.0	1,325.0
Iowa	103,741.6	112,741.7	101,916.6	111,291.7	1,825.0	1,450.0
Maryland	5,475.1	5,925.0	5,358.4	5,816.7	116.7	108.3
Michigan	27,691.7	30,033.4	(D)	(D)	(D)	(D)
Minnesota	20,458.4	21,833.4	19,966.7	21,300.0	491.7	533.4
Mississippi	9,900.0	9,975.1	3,025.0	3,183.4	6,875.0	6,791.7
Missouri	22,258.4	20,641.7	(D)	(D)	(D)	(D)
Nebraska	19,141.7	17,325.1	19,141.7	17,258.4	-	66.7
New York	11,933.4	12,050.1	(D)	(D)	(D)	(D)
North Carolina	25,675.0	27,333.4	13,675.0	14,516.7	12,000.0	12,816.7
Ohio	64,983.3	63,391.7	(D)	(D)	(D)	(D)
Oregon	4,750.0	5,200.0	4,750.0	5,200.0	-	-
Pennsylvania	58,599.9	57,525.0	55,508.3	54,958.4	3,091.6	2,566.6
South Carolina	7,958.4	7,650.0	5,966.7	5,766.7	1,991.7	1,883.3
South Dakota	4,091.7	5,666.7	4,091.7	5,666.7	-	-
Texas	39,000.0	40,400.0	(D)	(D)	(D)	(D)
Utah	8,625.0	10,750.0	8,625.0	10,750.0	-	-
Virginia	5,516.6	4,716.6	2,741.6	1,916.6	2,775.0	2,800.0
Washington	14,208.3	14,916.7	(D)	(D)	(D)	(D)
Wisconsin	10,900.0	12,816.7	(D)	(D)	(D)	(D)
Other States ¹	61,900.0	60,883.4	50,516.6	49,749.9	11,383.4	11,133.5
United States	722,658.5	741,742.4	626,158.4	644,175.3	96,500.1	97,567.1

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: August 2016 and 2017

[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	
	2016	2017	2016	2017	2016	2017
	(1,000 dozen eggs)					
Alabama	14,833.3	14,641.7	3,225.0	2,900.0	11,608.3	11,741.7
Arkansas	24,125.0	23,850.0	8,341.7	8,133.3	15,783.3	15,716.7
California	24,383.3	24,241.6	(D)	(D)	(D)	(D)
Colorado	8,991.6	9,583.4	(D)	(D)	(D)	(D)
Florida	16,400.0	13,500.0	15,916.7	13,075.0	483.3	425.0
Georgia	34,075.0	34,733.3	19,241.7	18,633.3	14,833.3	16,100.0
Illinois	11,066.6	10,250.0	10,658.3	9,866.7	408.3	383.3
Indiana	62,758.3	66,683.4	61,208.3	65,333.4	1,550.0	1,350.0
Iowa	107,683.3	111,700.0	105,950.0	110,200.0	1,733.3	1,500.0
Maryland	5,433.3	5,875.1	5,325.0	5,783.4	108.3	91.7
Michigan	27,083.3	30,141.7	(D)	(D)	(D)	(D)
Minnesota	21,008.3	21,650.1	20,525.0	21,133.4	483.3	516.7
Mississippi	9,900.0	10,008.4	3,075.0	3,208.4	6,825.0	6,800.0
Missouri	22,308.3	19,900.1	(D)	(D)	(D)	(D)
Nebraska	19,266.7	16,766.6	19,266.7	16,441.6	-	325.0
New York	11,958.3	12,008.4	(D)	(D)	(D)	(D)
North Carolina	25,908.2	27,491.6	14,116.6	14,658.3	11,791.6	12,833.3
Ohio	65,541.7	63,125.0	(D)	(D)	(D)	(D)
Oregon	4,675.0	5,383.4	4,675.0	5,383.4	-	-
Pennsylvania	57,850.0	57,558.4	54,858.3	55,075.0	2,991.7	2,483.4
South Carolina	7,566.7	8,000.1	5,575.0	6,108.4	1,991.7	1,891.7
South Dakota	4,508.4	5,533.3	4,508.4	5,533.3	-	-
Texas	39,650.0	40,383.4	(D)	(D)	(D)	(D)
Utah	8,675.0	10,916.6	8,675.0	10,916.6	-	-
Virginia	5,650.0	4,758.3	2,866.7	2,041.6	2,783.3	2,716.7
Washington	14,541.7	14,991.7	(D)	(D)	(D)	(D)
Wisconsin	11,108.3	12,941.6	(D)	(D)	(D)	(D)
Other States ¹	62,266.8	61,258.4	50,750.0	50,108.3	11,516.8	11,150.1
United States	729,216.4	737,875.6	633,083.3	640,650.2	96,133.1	97,225.4

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Molted as Percent of All Layers by Month – United States: 2016-2017

[As of the first of the month. Blank data cells indicate estimation period has not yet begun]

Month	Being molted		Molt completed	
	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)
January	2.5	1.7	21.3	15.7
February	3.0	2.2	20.5	15.3
March	1.5	2.4	20.6	15.3
April	3.0	1.7	19.2	15.6
May	2.8	2.7	18.7	15.0
June	2.9	2.4	18.2	15.0
July	2.6	2.4	17.6	15.3
August	2.6	2.5	17.3	15.5
September	2.7	3.3	16.5	16.0
October	2.1		16.8	
November	2.3		16.5	
December	1.5		16.4	

Molted as Percent of All Layers – States and United States: August 1 and September 1, 2016 and 2017

State	Being molted				Molt completed			
	August 1		September 1		August 1		September 1	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1.0	-	3.0	1.0	12.0	9.0	9.5	6.5
Arkansas	-	1.0	1.5	0.5	20.5	17.5	19.0	16.5
California	4.0	3.0	4.0	3.5	15.0	16.5	15.5	17.5
Colorado	1.0	4.5	-	6.0	16.5	6.0	16.0	7.0
Florida	2.0	8.0	8.0	9.5	72.0	77.0	69.0	78.5
Georgia	3.0	2.5	3.5	4.5	17.5	4.5	13.5	3.5
Illinois	-	-	0.5	-	12.0	12.5	10.0	12.0
Indiana	3.0	2.0	2.5	4.0	15.0	12.0	15.0	12.5
Iowa	2.0	3.5	2.0	4.0	12.5	16.5	10.0	19.0
Maryland	-	-	-	-	-	-	-	-
Michigan	0.5	2.0	0.5	-	7.0	4.5	6.0	6.5
Minnesota	4.0	1.0	2.5	1.5	18.0	6.0	21.0	7.0
Mississippi	1.0	2.0	2.5	2.0	27.0	25.5	25.0	26.0
Missouri	4.0	-	1.5	3.5	6.5	8.5	8.0	7.5
Nebraska	2.0	-	1.0	5.0	17.5	-	16.5	-
New York	-	-	-	-	5.5	5.5	5.5	5.0
North Carolina	1.0	2.0	2.5	1.5	12.5	10.5	13.0	10.5
Ohio	7.5	5.0	5.5	5.0	24.0	23.5	25.5	25.0
Oregon	8.0	-	4.5	-	15.5	4.5	22.0	4.5
Pennsylvania	0.5	-	1.0	5.5	0.5	2.0	0.5	0.5
South Carolina	-	2.5	5.0	2.5	22.0	21.5	19.5	18.5
South Dakota	4.5	-	-	-	16.0	-	19.5	-
Texas	2.5	4.5	5.0	2.5	50.5	49.0	48.0	50.0
Utah	12.0	3.0	7.5	3.0	24.0	22.0	24.0	18.5
Virginia	5.5	-	-	-	12.0	-	18.0	-
Washington	1.0	4.0	1.0	2.5	14.0	13.0	13.5	16.0
Wisconsin	8.5	5.5	2.5	8.5	19.5	16.5	16.5	20.5
Other States ¹	1.5	2.2	2.0	2.2	12.4	13.6	11.7	13.3
United States	2.6	2.5	2.7	3.3	17.3	15.5	16.5	16.0

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2016 and 2017

Item	2016	2017	2017 as percent of 2016
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on September 1	42,826	40,222	94
Chicks hatched during August	43,258	45,632	105
Chicks hatched January through August	410,120	389,840	95
Pullets hatched during August for intended placements:			
Hatchery supply flocks	324	254	78
Cumulative potential placements 7-18 months earlier ¹	2,994	3,037	101
Broiler-type			
Eggs in incubators on September 1	647,761	673,514	104
Chicks hatched during August	808,478	832,943	103
Chicks hatched January through August	6,349,124	6,433,949	101
Pullets hatched during August for intended placements:			
Hatchery supply flocks	7,690	8,156	106
Cumulative potential placements 7-15 months earlier ²	67,602	68,929	102

¹ 2017 includes pullet chicks hatched February 2016 through January 2017.

² 2017 includes pullet chicks hatched May 2016 through January 2017.

Egg-Type Eggs in Incubators on the First of the Month – Regions and United States: 2016-2017

[See regional listing on page 21]

Region	August 1		2017 as percent of 2016	September 1		2017 as percent of 2016
	2016	2017		2016	2017	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	6,643	7,339	110	7,229	7,376	102
East North Central	7,076	5,494	78	7,813	5,943	76
West North Central	10,213	14,141	138	12,973	13,384	103
South Atlantic	4,752	4,436	93	4,542	4,580	101
South Central	4,061	4,392	108	4,979	4,548	91
West	4,932	4,321	88	5,290	4,391	83
United States	37,677	40,123	106	42,826	40,222	94

Egg-Type Chicks Hatched by Month – United States: 2016-2017

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

Month	By months			Cumulative		
	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	47,775	44,906	94	47,775	44,906	94
February	54,289	48,456	89	102,064	93,362	91
March	57,055	55,457	97	159,119	148,819	94
April	51,266	52,025	101	210,385	200,844	95
May	57,306	53,073	93	267,691	253,917	95
June	57,562	48,828	85	325,253	302,745	93
July	41,609	41,463	100	366,862	344,208	94
August	43,258	45,632	105	410,120	389,840	95
September	44,892			455,012		
October	43,344			498,356		
November	41,648			540,004		
December	45,633			585,637		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2016-2018

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

Month	Pullet chicks hatched		2017 as percent of 2016	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2016	2017		2017	2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	148	222	150	2,836	3,012
February	189	180	95	2,855	3,042
March	160	189	118	3,013	2,972
April	351	245	70	2,972	
May	327	298	91	2,966	
June	244	334	137	3,019	
July	286	316	110	2,963	
August	324	254	78	3,037	
September	181			3,028	
October	324			3,057	
November	270			2,951	
December	159			2,922	
Total	2,963				

¹ For August 2017, includes breeder pullet chicks hatched February 2016 through January 2017. 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 – Regions and United States: 2016-2017

[See regional listing on page 21]

Region	August 1		2017 as percent of 2016	September 1		2017 as percent of 2016
	2016	2017		2016	2017	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	13,943	15,997	115	13,324	16,018	120
East North Central	14,763	16,200	110	15,226	16,371	108
West North Central	30,015	33,225	111	30,699	32,725	107
South Atlantic	249,261	257,643	103	246,801	255,297	103
South Central	318,649	332,831	104	318,419	327,576	103
West	23,204	24,279	105	23,292	25,527	110
United States	649,835	680,175	105	647,761	673,514	104

Broiler-Type Chicks Hatched – States and United States: August 2016 and 2017

State	During August			January-August		
	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	108,215	111,918	103	844,378	863,187	102
Arkansas	83,716	86,882	104	650,784	672,789	103
Delaware	17,614	18,402	104	140,688	141,303	100
Florida	4,441	4,383	99	35,224	33,024	94
Georgia	127,888	128,756	101	1,004,546	994,786	99
Kentucky	28,715	27,936	97	224,840	214,238	95
Louisiana	12,906	13,073	101	103,881	103,673	100
Maryland	29,731	30,050	101	231,244	235,766	102
Mississippi	67,118	66,879	100	534,673	526,307	98
Missouri	30,053	32,231	107	234,294	241,176	103
North Carolina	76,879	82,089	107	611,798	629,614	103
Oklahoma	27,204	26,922	99	201,552	214,991	107
Pennsylvania	16,848	18,168	108	134,303	135,682	101
South Carolina	20,034	20,727	103	159,795	160,807	101
Texas	57,990	61,327	106	454,424	466,611	103
Virginia	24,399	23,829	98	189,976	189,634	100
California, Tennessee, and West Virginia	43,993	44,883	102	351,134	346,710	99
19 States ¹	777,744	798,455	103	6,107,534	6,170,298	101
Other States ²	30,734	34,488	112	241,590	263,651	109
United States	808,478	832,943	103	6,349,124	6,433,949	101

¹ States in the weekly hatchery production estimating program.

² Not published separately to avoid disclosing data for individual operations.

Broiler-Type Chicks Hatched by Month – United States: 2016-2017

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

Month	By months			Cumulative		
	2016	2017	2017 as percent of 2016	2016	2017	2017 as percent of 2016
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	799,283	809,163	101	799,283	809,163	101
February	748,726	730,514	98	1,548,009	1,539,677	99
March	803,974	818,706	102	2,351,983	2,358,383	100
April	780,702	793,352	102	3,132,685	3,151,735	101
May	807,675	820,675	102	3,940,360	3,972,410	101
June	789,665	801,984	102	4,730,025	4,774,394	101
July	810,621	826,612	102	5,540,646	5,601,006	101
August	808,478	832,943	103	6,349,124	6,433,949	101
September	771,937			7,121,061		
October	779,476			7,900,537		
November	759,396			8,659,933		
December	811,139			9,471,072		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2016-2018

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

Month	Pullet chicks hatched		2017 as percent of 2016	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2016 (1,000 chicks)	2017 (1,000 chicks)		2017 (1,000 chicks)	2018 (1,000 chicks)
United States placements					
January	6,726	7,163	106	68,802	68,873
February	8,098	7,832	97	69,669	69,049
March	8,143	8,262	101	70,129	69,495
April	7,615	7,045	93	70,194	
May	8,083	8,159	101	70,377	
June	8,500	8,258	97	69,989	
July	7,730	7,085	92	69,381	
August	7,690	8,156	106	68,929	
September	7,609			68,678	
October	6,909			68,440	
November	7,710			67,755	
December	7,535			68,224	
Annual total	92,348				
Total placements ²					
January	8,275	8,764	106		
February	10,098	9,958	99		
March	10,025	10,047	100		
April	9,128	8,592	94		
May	9,954	9,806	99		
June	10,257	9,903	97		
July	9,119	8,598	94		
August	9,708	9,988	103		
September	9,584				
October	8,522				
November	9,379				
December	9,459				
Annual total	113,508				

¹ For August 2017, includes breeder pullet chicks hatched May 2016 through January 2017.

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 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. Individual hatchery data are summed to State, regional, and United States totals.

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 1.7 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 371 million layers by more than 1.7 percent. Chances are 9 out of 10 that the difference will not exceed 2.9 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) 1.7	(percent) 2.9	(1,000) 5,148	(1,000) 26	(1,000) 9,308	(number) 20	(number) 4
Eggs	1.8	3.0	(million) 123	(million) 0	(million) 277	21	3

Egg-Type Regional Listing

North Atlantic: Connecticut, New York, Pennsylvania.
East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin.
West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska.
South Atlantic: Florida, Georgia, Virginia.
South Central: Alabama, Mississippi, Texas.
West: California, Idaho, New Mexico.

Broiler-Type Regional Listing

North Atlantic: New York, Pennsylvania.
East North Central: Indiana, Ohio, Wisconsin.
West North Central: Iowa, Minnesota, Missouri.
South Atlantic: Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia.
South Central: Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas.
West: California, Oregon, Washington.

Chicken Hatchery Capacity Regional Listing

North Atlantic: Connecticut, Massachusetts, New Hampshire, New York, Pennsylvania.
East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin.
West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska.
South Atlantic: Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia.
South Central: Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas.
West: California, Hawaii, Idaho, New Mexico, Oregon, Washington.

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

Vacant, Chief, Livestock Branch	(202) 720-3570
Bruce Boess, Head, Poultry and Specialty Commodities Section	(202) 720-4447
Aaron Cosgrove – Egg Products, Poultry Slaughter, Turkey Hatchery, Turkeys Raised.....	(202) 690-3237
Alissa Cowell-Mytar – Cold Storage	(202) 720-4751
Brenda Hill – Catfish Production, Trout Production	(202) 720-6147
Tom Kruchten – Census of Aquaculture	(202) 690-4870
Kim Linonis – Layers, Eggs	(202) 690-8632
Joshua O’Rear – Cost of Pollination, Honey, Honey Bee Colonies.....	(202) 690-3676
Miste Salmon – Broiler Hatchery, Chicken Hatchery, Mink	(202) 720-3244

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.

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.

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