



Chickens and Eggs

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January Egg Production Up 9 Percent

United States egg production totaled 9.04 billion during January 2017, up 9 percent from last year. Production included 7.91 billion table eggs, and 1.12 billion hatching eggs, of which 1.04 billion were broiler-type and 87.7 million were egg-type. The total number of layers during January 2017 averaged 376 million, up 5 percent from last year. January egg production per 100 layers was 2,401 eggs, up 3 percent from January 2016.

All layers in the United States on February 1, 2017 totaled 376 million, up 5 percent from last year. The 376 million layers consisted of 318 million layers producing table or market type eggs, 54.7 million layers producing broiler-type hatching eggs, and 3.50 million layers producing egg-type hatching eggs. Rate of lay per day on February 1, 2017, averaged 77.1 eggs per 100 layers, up 3 percent from February 1, 2016.

Egg-Type Chicks Hatched Down 9 Percent

Egg-type chicks hatched during January 2017 totaled 43.4 million, down 9 percent from January 2016. Eggs in incubators totaled 48.0 million on February 1, 2017, up slightly from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 222 thousand during January 2017, up 50 percent from January 2016.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during January 2017 totaled 809 million, up 1 percent from January 2016. Eggs in incubators totaled 659 million on February 1, 2017, up 1 percent from a year ago.

Leading breeders placed 7.16 million broiler-type pullet chicks for future domestic hatchery supply flocks during January 2017, up 6 percent from January 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		376,412
February		362,856		
March		366,521		
April		366,498		
May		366,038		
June		365,142		
July		364,698		
August		366,550		
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	9,036.8	7,168.2	7,912.1	1,139.7	1,124.7
February	7,948.1		6,878.1		1,070.0	
March	8,622.3		7,475.2		1,147.1	
April	8,333.2		7,213.0		1,120.2	
May	8,643.4		7,478.6		1,164.8	
June	8,349.2		7,228.4		1,120.8	
July	8,671.9		7,513.9		1,158.0	
August	8,750.6		7,597.0		1,153.6	
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

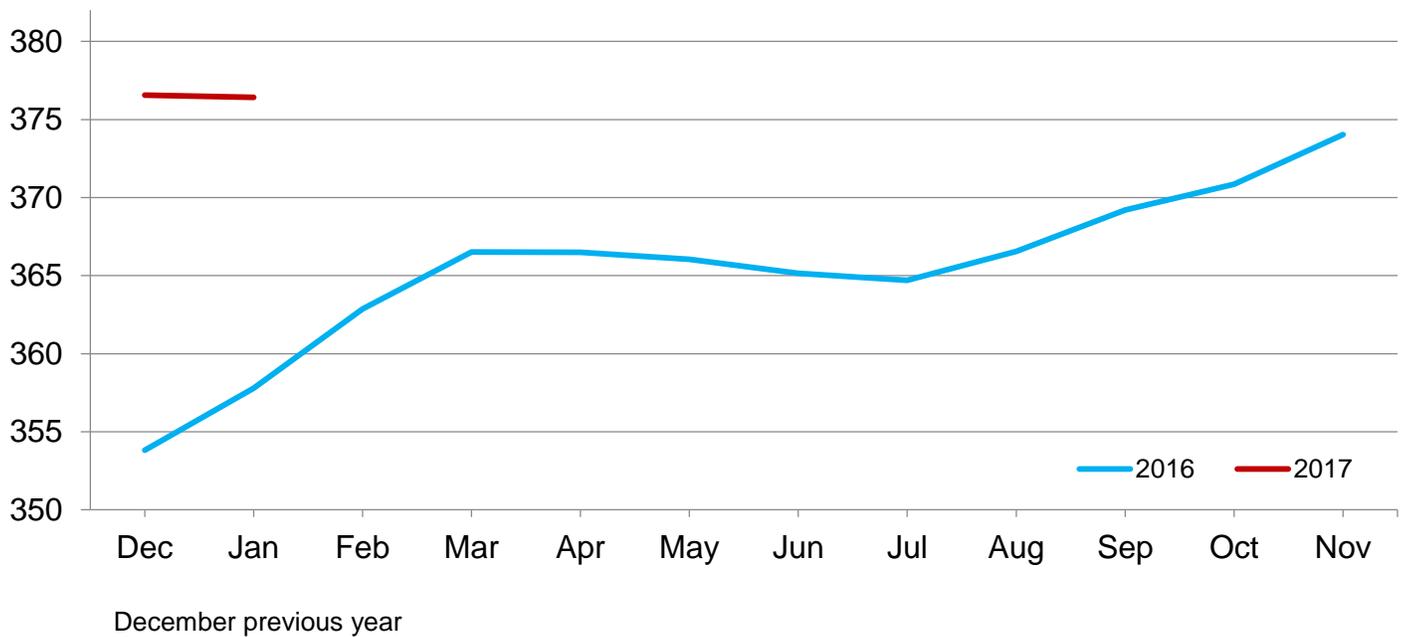
[Blank data cells indicate estimation period has not yet begun]

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	753,066.8	597,350.4	659,341.4	94,974.9	93,725.4
February	662,341.5		573,175.0		89,166.5	
March	718,525.0		622,933.2		95,591.8	
April	694,433.4		601,083.4		93,350.0	
May	720,283.4		623,216.7		97,066.7	
June	695,766.8		602,366.9		93,399.9	
July	722,658.5		626,158.4		96,500.1	
August	729,216.4		633,083.3		96,133.1	
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.

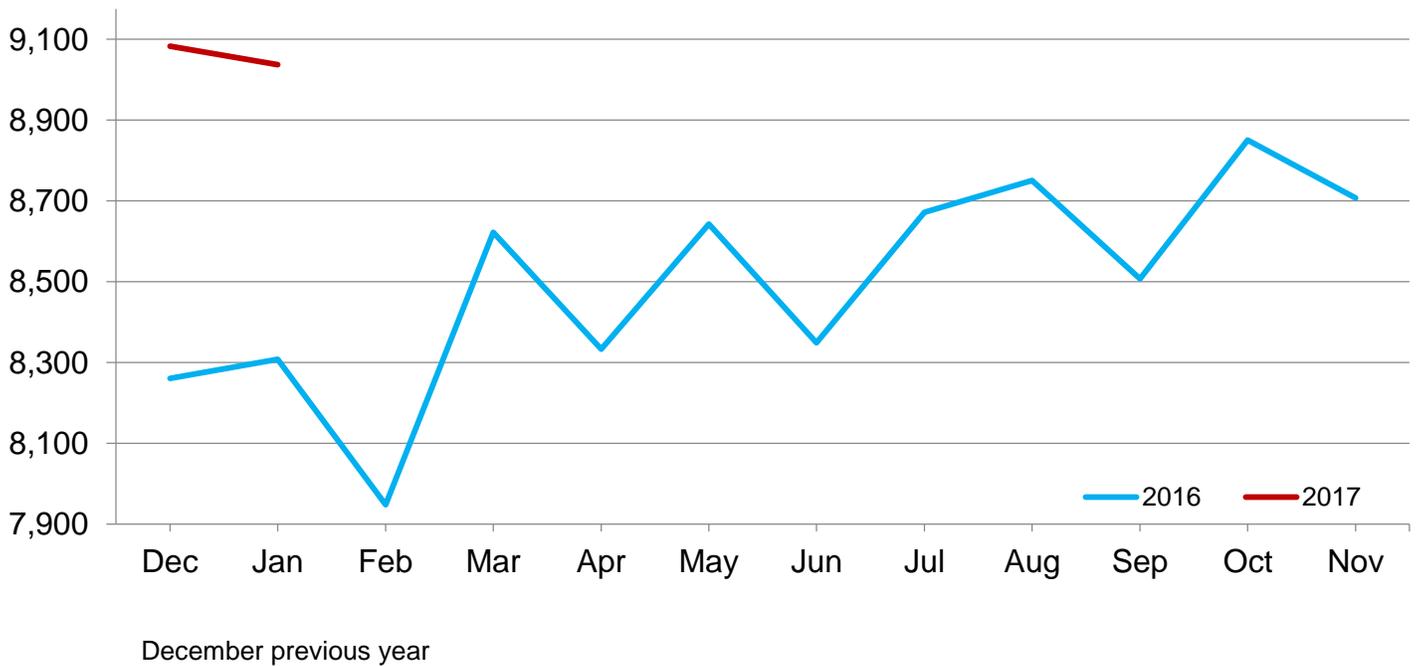
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



Layers on Hand and Eggs Produced by Type and Molt – United States: December-January 2015-2017

Item	2015	2016	2016 as percent of 2015
Layers during December			
All layers 1,000	353,821	376,570	106
Table egg type 1,000	295,594	318,820	108
Hatching egg type 1,000	58,227	57,750	99
Broiler-type hatching 1,000	54,645	54,152	99
Egg-type hatching 1,000	3,582	3,598	100
Eggs per 100 layers during December			
All layers number	2,335	2,412	103
Table egg type number	2,410	2,494	103
Hatching egg type number	1,952	1,962	101
Broiler-type hatching number	1,914	1,932	101
Egg-type hatching number	2,538	2,415	95
Eggs produced during December			
All layers million	8,261.4	9,083.3	110
Table egg type million	7,124.6	7,950.4	112
Hatching egg type million	1,136.8	1,132.9	100
Broiler-type hatching million	1,045.9	1,046.0	100
Egg-type hatching million	90.9	86.9	96
Eggs produced during December			
All layers 1,000 dozen	688,450.7	756,941.4	110
Table egg type 1,000 dozen	593,717.2	662,533.1	112
Hatching egg type 1,000 dozen	94,733.5	94,408.3	100
Broiler-type hatching 1,000 dozen	87,158.4	87,166.5	100
Egg-type hatching 1,000 dozen	7,575.1	7,241.8	96
	2016	2017	2017 as percent of 2016
Layers on January 1			
All layers 1,000	356,109	376,497	106
Table egg type 1,000	297,723	318,598	107
Hatching egg type 1,000	58,386	57,899	99
Broiler-type hatching 1,000	54,797	54,261	99
Egg-type hatching 1,000	3,589	3,638	101
Eggs per 100 layers on January 1			
All layers number	74.9	77.7	104
Table egg type number	77.3	80.5	104
Hatching egg type number	62.9	62.6	100
Broiler-type hatching number	61.7	61.5	100
Egg-type hatching number	82.3	78.5	95
Molted layers on January 1			
Percent being molted percent	2.5	1.7	68
Percent with molt completed percent	21.3	15.7	74
Layers sold for slaughter during December ¹ 1,000	13,968	14,259	102
Layers rendered, died, destroyed, composted or disappeared for any reason during December ¹ 1,000	6,520	10,307	158
Pullets on January 1 1,000	120,106	113,185	94
Pullets added during December ^{1 2} 1,000	28,042	27,795	99

¹ December previous year.

² Pullet chicks less than 3 days old added to pullet flocks.

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

Item	2016	2017	2017 as percent of 2016
Layers during January			
All layers 1,000	357,784	376,412	105
Table egg type 1,000	299,329	318,378	106
Hatching egg type 1,000	58,455	58,034	99
Broiler-type hatching 1,000	54,879	54,462	99
Egg-type hatching 1,000	3,576	3,572	100
Eggs per 100 layers during January			
All layers number	2,322	2,401	103
Table egg type number	2,395	2,485	104
Hatching egg type number	1,950	1,938	99
Broiler-type hatching number	1,912	1,904	100
Egg-type hatching number	2,522	2,455	97
Eggs produced during January			
All layers million	8,307.9	9,036.8	109
Table egg type million	7,168.2	7,912.1	110
Hatching egg type million	1,139.7	1,124.7	99
Broiler-type hatching million	1,049.5	1,037.0	99
Egg-type hatching million	90.2	87.7	97
Eggs produced during January			
All layers 1,000 dozen	692,325.3	753,066.8	109
Table egg type 1,000 dozen	597,350.4	659,341.4	110
Hatching egg type 1,000 dozen	94,974.9	93,725.4	99
Broiler-type hatching 1,000 dozen	87,458.3	86,417.0	99
Egg-type hatching 1,000 dozen	7,516.6	7,308.4	97
Layers on February 1			
All layers 1,000	359,429	376,298	105
Table egg type 1,000	300,922	318,142	106
Hatching egg type 1,000	58,507	58,156	99
Broiler-type hatching 1,000	54,952	54,655	99
Egg-type hatching 1,000	3,555	3,501	98
Eggs per 100 layers on February 1			
All layers number	74.8	77.1	103
Table egg type number	77.2	79.8	103
Hatching egg type number	62.8	62.3	99
Broiler-type hatching number	61.7	61.2	99
Egg-type hatching number	79.9	79.2	99
Molted layers on February 1			
Being molted percent	3.0	2.2	73
Molt completed percent	20.5	15.3	75
Layers sold for slaughter during January 1,000	13,407.5	15,498.7	116
Layers rendered, died, destroyed, composted or disappeared for any reason during January 1,000	8,498.8	9,175.0	108
Pullets on February 1 1,000	120,405	111,539	93
Pullets added during January ¹ 1,000	26,717.9	24,313.0	91

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

Layers on Hand and Eggs Produced – States and United States: During December 2015 and 2016

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,561	1,406	9,189	8,947	1,985	1,965
Arkansas	3,995	4,005	13,924	13,912	2,064	1,997
California	11,821	11,546	12,329	12,160	2,346	2,487
Colorado	4,118	4,243	4,554	4,688	2,497	2,517
Florida	8,784	7,937	9,156	8,284	2,379	2,373
Georgia	10,462	9,608	19,415	18,687	2,232	2,203
Illinois	4,570	4,555	5,028	5,029	2,514	2,607
Indiana	29,528	31,443	30,506	32,296	2,468	2,516
Iowa	38,010	53,884	39,238	55,168	2,140	2,500
Maryland	2,638	2,520	2,809	2,689	2,488	2,507
Michigan	12,922	13,858	13,138	14,109	2,505	2,559
Minnesota	8,961	10,674	9,418	11,130	2,418	2,426
Mississippi	1,471	1,470	5,658	5,463	2,130	2,134
Missouri	7,669	7,729	11,183	11,286	2,490	2,583
Nebraska	7,431	8,849	7,539	8,957	2,179	2,582
New York	5,392	5,170	5,763	5,565	2,455	2,571
North Carolina	6,900	7,628	14,782	15,062	2,235	2,280
Ohio	33,423	30,793	34,277	31,649	2,439	2,473
Oregon	2,116	2,411	2,255	2,550	2,528	2,671
Pennsylvania	24,620	25,811	26,748	28,088	2,516	2,504
South Carolina	3,067	2,685	4,342	3,857	2,333	2,297
South Dakota	1,447	2,643	1,589	2,785	2,303	2,492
Texas	16,386	16,853	20,479	21,129	2,302	2,256
Utah	4,368	5,319	4,406	5,357	2,320	2,479
Virginia	1,240	988	2,970	2,666	2,327	2,198
Washington	6,999	6,972	7,164	7,137	2,446	2,550
Wisconsin	4,453	4,980	5,141	5,651	2,404	2,592
Other States ¹	21,728	23,408	30,821	32,269	2,301	2,309
United States	286,080	309,388	353,821	376,570	2,335	2,412

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During January 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	1,537	1,415	9,230	8,914	1,953	1,959
Arkansas	3,918	3,848	13,892	14,017	2,122	1,999
California	11,870	11,702	12,393	12,306	2,404	2,448
Colorado	4,189	4,198	4,632	4,637	2,532	2,588
Florida	8,548	7,823	8,896	8,159	2,346	2,405
Georgia	10,374	9,690	19,438	18,709	2,218	2,188
Illinois	4,555	4,636	5,016	5,095	2,502	2,555
Indiana	29,071	31,610	30,013	32,466	2,441	2,532
Iowa	40,853	54,209	42,095	55,522	2,139	2,486
Maryland	2,635	2,639	2,798	2,800	2,477	2,511
Michigan	12,991	13,816	13,208	14,079	2,508	2,467
Minnesota	8,890	10,710	9,347	11,167	2,387	2,481
Mississippi	1,484	1,494	5,731	5,506	2,080	2,109
Missouri	7,548	7,646	11,073	11,147	2,471	2,515
Nebraska	8,163	8,701	8,271	8,809	2,226	2,606
New York	5,366	5,308	5,737	5,703	2,414	2,567
North Carolina	6,750	7,547	14,523	15,105	2,243	2,250
Ohio	33,449	30,173	34,309	31,034	2,411	2,451
Oregon	2,278	2,324	2,417	2,463	2,569	2,708
Pennsylvania	25,008	25,458	27,106	27,711	2,500	2,502
South Carolina	3,067	2,597	4,327	3,753	2,246	2,331
South Dakota	1,539	2,558	1,681	2,700	2,344	2,522
Texas	16,591	17,089	20,752	21,375	2,269	2,265
Utah	4,405	5,440	4,443	5,478	2,273	2,426
Virginia	1,200	942	2,936	2,693	2,258	2,213
Washington	6,723	7,091	6,888	7,256	2,398	2,517
Wisconsin	4,777	5,022	5,464	5,691	2,405	2,469
Other States ¹	22,036	23,273	31,168	32,117	2,297	2,303
United States	289,815	308,959	357,784	376,412	2,322	2,401

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: December 2015 and 2016

[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	
	2015	2016	2015	2016	2015	2016
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	182.4	175.8	41.3	36.6	141.1	139.2
Arkansas	287.4	277.8	104.2	95.4	183.2	182.4
California	289.2	302.4	(D)	(D)	(D)	(D)
Colorado	113.7	118.0	(D)	(D)	(D)	(D)
Florida	217.8	196.6	213.8	193.2	4.0	3.4
Georgia	433.4	411.7	258.0	231.4	175.4	180.3
Illinois	126.4	131.1	122.0	126.5	4.4	4.6
Indiana	752.9	812.7	733.4	795.7	19.5	17.0
Iowa	839.7	1,379.1	821.8	1,362.7	17.9	16.4
Maryland	69.9	67.4	68.5	66.1	1.4	1.3
Michigan	329.1	361.1	(D)	(D)	(D)	(D)
Minnesota	227.7	270.0	221.1	263.4	6.6	6.6
Mississippi	120.5	116.6	38.0	35.9	82.5	80.7
Missouri	278.5	291.5	(D)	(D)	(D)	(D)
Nebraska	164.3	231.3	164.3	231.3	-	-
New York	141.5	143.1	(D)	(D)	(D)	(D)
North Carolina	330.4	343.4	183.4	200.7	147.0	142.7
Ohio	836.1	782.6	(D)	(D)	(D)	(D)
Oregon	57.0	68.1	57.0	68.1	-	-
Pennsylvania	673.1	703.4	641.4	669.1	31.7	34.3
South Carolina	101.3	88.6	77.2	66.7	24.1	21.9
South Dakota	36.6	69.4	36.6	69.4	-	-
Texas	473.3	476.6	(D)	(D)	(D)	(D)
Utah	102.2	132.8	102.2	132.8	-	-
Virginia	69.1	58.6	37.4	28.1	31.7	30.5
Washington	175.2	182.0	(D)	(D)	(D)	(D)
Wisconsin	123.6	146.5	(D)	(D)	(D)	(D)
Other States ¹	709.1	745.1	572.9	613.1	136.2	132.0
United States	8,261.4	9,083.3	7,124.6	7,950.4	1,136.8	1,132.9

- 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: January 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	180.3	174.6	40.6	36.4	139.7	138.2
Arkansas	294.8	280.2	106.2	99.9	188.6	180.3
California	297.9	301.3	(D)	(D)	(D)	(D)
Colorado	117.3	120.0	(D)	(D)	(D)	(D)
Florida	208.7	196.2	205.2	192.9	3.5	3.3
Georgia	431.1	409.3	254.6	231.9	176.5	177.4
Illinois	125.5	130.2	121.0	125.7	4.5	4.5
Indiana	732.5	821.9	714.9	805.8	17.6	16.1
Iowa	900.6	1,380.4	882.4	1,364.0	18.2	16.4
Maryland	69.3	70.3	67.9	69.0	1.4	1.3
Michigan	331.2	347.3	(D)	(D)	(D)	(D)
Minnesota	223.1	277.1	216.5	270.6	6.6	6.5
Mississippi	119.2	116.1	36.1	36.4	83.1	79.7
Missouri	273.6	280.3	(D)	(D)	(D)	(D)
Nebraska	184.1	229.6	184.1	229.6	-	-
New York	138.5	146.4	(D)	(D)	(D)	(D)
North Carolina	325.8	339.8	179.3	196.4	146.5	143.4
Ohio	827.3	760.6	(D)	(D)	(D)	(D)
Oregon	62.1	66.7	62.1	66.7	-	-
Pennsylvania	677.6	693.4	646.4	657.0	31.2	36.4
South Carolina	97.2	87.5	73.7	65.9	23.5	21.6
South Dakota	39.4	68.1	39.4	68.1	-	-
Texas	470.9	484.1	(D)	(D)	(D)	(D)
Utah	101.0	132.9	101.0	132.9	-	-
Virginia	66.3	59.6	34.7	27.6	31.6	32.0
Washington	165.2	182.6	(D)	(D)	(D)	(D)
Wisconsin	131.4	140.5	(D)	(D)	(D)	(D)
Other States ¹	716.0	739.8	579.3	607.6	136.7	132.2
United States	8,307.9	9,036.8	7,168.2	7,912.1	1,139.7	1,124.7

- 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: December 2015 and 2016

[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	
	2015	2016	2015	2016	2015	2016
	(1,000 dozen eggs)					
Alabama	15,200.0	14,650.0	3,441.7	3,050.0	11,758.3	11,600.0
Arkansas	23,950.1	23,150.0	8,683.4	7,950.0	15,266.7	15,200.0
California	24,100.0	25,200.0	(D)	(D)	(D)	(D)
Colorado	9,475.0	9,833.3	(D)	(D)	(D)	(D)
Florida	18,150.0	16,383.3	17,816.7	16,100.0	333.3	283.3
Georgia	36,116.7	34,308.3	21,500.0	19,283.3	14,616.7	15,025.0
Illinois	10,533.4	10,925.0	10,166.7	10,541.7	366.7	383.3
Indiana	62,741.7	67,725.0	61,116.7	66,308.3	1,625.0	1,416.7
Iowa	69,975.0	114,925.0	68,483.3	113,558.3	1,491.7	1,366.7
Maryland	5,825.1	5,616.7	5,708.4	5,508.4	116.7	108.3
Michigan	27,425.0	30,091.7	(D)	(D)	(D)	(D)
Minnesota	18,975.0	22,500.0	18,425.0	21,950.0	550.0	550.0
Mississippi	10,041.7	9,716.6	3,166.7	2,991.6	6,875.0	6,725.0
Missouri	23,208.4	24,291.6	(D)	(D)	(D)	(D)
Nebraska	13,691.7	19,275.0	13,691.7	19,275.0	-	-
New York	11,791.6	11,924.9	(D)	(D)	(D)	(D)
North Carolina	27,533.4	28,616.6	15,283.4	16,725.0	12,250.0	11,891.6
Ohio	69,675.1	65,216.6	(D)	(D)	(D)	(D)
Oregon	4,750.0	5,675.0	4,750.0	5,675.0	-	-
Pennsylvania	56,091.7	58,616.7	53,450.0	55,758.3	2,641.7	2,858.4
South Carolina	8,441.7	7,383.4	6,433.4	5,558.4	2,008.3	1,825.0
South Dakota	3,050.0	5,783.4	3,050.0	5,783.4	-	-
Texas	39,441.8	39,716.6	(D)	(D)	(D)	(D)
Utah	8,516.7	11,066.7	8,516.7	11,066.7	-	-
Virginia	5,758.3	4,883.3	3,116.6	2,341.7	2,641.7	2,541.6
Washington	14,600.0	15,166.7	(D)	(D)	(D)	(D)
Wisconsin	10,300.0	12,208.3	(D)	(D)	(D)	(D)
Other States ¹	59,091.6	62,091.7	47,741.5	51,091.6	11,350.1	11,000.1
United States	688,450.7	756,941.4	593,717.2	662,533.1	94,733.5	94,408.3

- 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: January 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	15,025.1	14,550.0	3,383.4	3,033.3	11,641.7	11,516.7
Arkansas	24,566.7	23,350.0	8,850.0	8,325.0	15,716.7	15,025.0
California	24,825.0	25,108.3	(D)	(D)	(D)	(D)
Colorado	9,775.0	10,000.0	(D)	(D)	(D)	(D)
Florida	17,391.7	16,350.0	17,100.0	16,075.0	291.7	275.0
Georgia	35,925.0	34,108.4	21,216.7	19,325.0	14,708.3	14,783.4
Illinois	10,458.4	10,850.0	10,083.4	10,475.0	375.0	375.0
Indiana	61,041.7	68,491.7	59,575.0	67,150.0	1,466.7	1,341.7
Iowa	75,050.0	115,033.4	73,533.3	113,666.7	1,516.7	1,366.7
Maryland	5,775.1	5,858.3	5,658.4	5,750.0	116.7	108.3
Michigan	27,600.0	28,941.7	(D)	(D)	(D)	(D)
Minnesota	18,591.7	23,091.7	18,041.7	22,550.0	550.0	541.7
Mississippi	9,933.3	9,675.0	3,008.3	3,033.3	6,925.0	6,641.7
Missouri	22,800.0	23,358.3	(D)	(D)	(D)	(D)
Nebraska	15,341.7	19,133.3	15,341.7	19,133.3	-	-
New York	11,541.7	12,200.0	(D)	(D)	(D)	(D)
North Carolina	27,150.0	28,316.7	14,941.7	16,366.7	12,208.3	11,950.0
Ohio	68,941.7	63,383.3	(D)	(D)	(D)	(D)
Oregon	5,175.0	5,558.4	5,175.0	5,558.4	-	-
Pennsylvania	56,466.7	57,783.4	53,866.7	54,750.0	2,600.0	3,033.4
South Carolina	8,099.9	7,291.7	6,141.6	5,491.7	1,958.3	1,800.0
South Dakota	3,283.3	5,675.0	3,283.3	5,675.0	-	-
Texas	39,241.6	40,341.6	(D)	(D)	(D)	(D)
Utah	8,416.7	11,075.0	8,416.7	11,075.0	-	-
Virginia	5,525.0	4,966.6	2,891.7	2,300.0	2,633.3	2,666.6
Washington	13,766.7	15,216.7	(D)	(D)	(D)	(D)
Wisconsin	10,950.0	11,708.4	(D)	(D)	(D)	(D)
Other States ¹	59,666.6	61,649.9	48,274.9	50,633.0	11,391.7	11,016.9
United States	692,325.3	753,066.8	597,350.4	659,341.4	94,974.9	93,725.4

- 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 (percent)	2017 (percent)	2016 (percent)	2017 (percent)
January	2.5	1.7	21.3	15.7
February	3.0	2.2	20.5	15.3
March	1.5		20.6	
April	3.0		19.2	
May	2.8		18.7	
June	2.9		18.2	
July	2.6		17.6	
August	2.6		17.3	
September	2.7		16.5	
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: February 1, 2016 and 2017

[As of the first of the month]

State	Being molted		Molt completed	
	2016 (percent)	2017 (percent)	2016 (percent)	2017 (percent)
Alabama	1.5	1.0	9.0	11.0
Arkansas	1.5	2.5	19.5	20.0
California	1.0	3.5	19.0	15.5
Colorado	4.5	1.0	18.0	7.5
Florida	6.5	3.5	61.0	80.5
Georgia	0.5	1.0	18.5	8.0
Illinois	2.0	-	26.0	13.0
Indiana	1.0	1.5	23.5	13.0
Iowa	5.5	2.5	27.5	8.0
Maryland	-	-	-	-
Michigan	1.0	-	7.0	5.5
Minnesota	3.0	0.5	20.0	7.0
Mississippi	3.0	1.0	22.5	25.5
Missouri	0.5	2.0	15.5	8.5
Nebraska	6.5	-	16.0	4.0
New York	1.5	-	3.5	2.5
North Carolina	0.5	2.0	18.0	11.5
Ohio	4.0	6.5	22.0	21.0
Oregon	4.5	-	10.0	15.5
Pennsylvania	1.0	-	8.0	6.0
South Carolina	5.5	-	12.0	27.0
South Dakota	5.5	-	29.5	5.5
Texas	5.5	2.5	47.0	52.5
Utah	3.0	2.0	34.0	17.5
Virginia	7.0	-	11.5	13.5
Washington	5.0	5.0	14.5	10.0
Wisconsin	12.0	8.0	17.5	13.5
Other States ¹	1.8	2.4	10.7	13.5
United States	3.0	2.2	20.5	15.3

- 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 February 1	47,942	47,993	100
Chicks hatched during January	47,645	43,393	91
Pullets hatched during January for intended placements:			
Hatchery supply flocks	148	222	150
Cumulative potential placements 7-18 months earlier ¹	3,386	2,725	80
Broiler-type			
Eggs in incubators on February 1	649,555	659,130	101
Chicks hatched during January	799,420	809,163	101
Pullets hatched during January for intended placements:			
Hatchery supply flocks	6,726	7,163	106
Cumulative potential placements 7-15 months earlier ²	65,531	68,864	105

¹ 2017 includes pullet chicks hatched July 2015 through June 2016.

² 2017 includes pullet chicks hatched October 2015 through June 2016.

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

[See regional listing on page 21]

Region	January 1		2017 as percent of 2016	February 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	9,793	5,916	60	6,744	6,995	104
East North Central	9,531	5,237	55	10,766	6,082	56
West North Central	10,912	14,225	130	11,736	19,346	165
South Atlantic	5,435	4,326	80	5,079	4,811	95
South Central	6,259	4,874	78	6,802	4,820	71
West	6,051	5,163	85	6,815	5,939	87
United States	47,981	39,741	83	47,942	47,993	100

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	47,645	43,393	91	47,645	43,393	91
February	50,481			98,126		
March	57,037			155,163		
April	51,052			206,215		
May	57,155			263,370		
June	58,040			321,410		
July	42,349			363,759		
August	43,870			407,629		
September	45,724			453,353		
October	44,071			497,424		
November	42,313			539,737		
December	45,633			585,370		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2016-2017

[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		2016	2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	148	222	150	3,386	2,725
February	189			3,378	2,744
March	160			3,293	2,902
April	240			3,121	2,861
May	327			3,082	2,855
June	244			3,149	2,908
July	286			3,116	2,852
August	324			2,994	2,926
September	181			2,874	
October	324			2,688	
November	270			2,709	
December	159			2,801	
Total	2,852				

¹ For January 2017, includes breeder pullet chicks hatched July 2015 through June 2016. 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	January 1		2017 as percent of 2016	February 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	14,540	14,746	101	13,597	14,943	110
East North Central	14,462	15,352	106	14,883	15,297	103
West North Central	29,281	31,220	107	29,707	31,183	105
South Atlantic	247,548	251,559	102	248,944	251,868	101
South Central	316,208	323,911	102	319,065	322,239	101
West	22,976	23,377	102	23,359	23,600	101
United States	645,015	660,165	102	649,555	659,130	101

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

State	During January			January-January		
	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	109,493	109,164	100	109,493	109,164	100
Arkansas	81,212	82,607	102	81,212	82,607	102
Delaware	18,209	18,392	101	18,209	18,392	101
Florida	4,677	4,253	91	4,677	4,253	91
Georgia	124,900	124,901	100	124,900	124,901	100
Kentucky	28,175	26,284	93	28,175	26,284	93
Louisiana	12,875	13,422	104	12,875	13,422	104
Maryland	29,832	30,239	101	29,832	30,239	101
Mississippi	67,389	66,769	99	67,389	66,769	99
Missouri	30,125	30,183	100	30,125	30,183	100
North Carolina	77,244	78,370	101	77,244	78,370	101
Oklahoma	24,843	28,106	113	24,843	28,106	113
Pennsylvania	17,222	16,934	98	17,222	16,934	98
South Carolina	20,478	20,217	99	20,478	20,217	99
Texas	55,189	58,911	107	55,189	58,911	107
Virginia	23,733	24,038	101	23,733	24,038	101
California, Tennessee, and West Virginia	44,390	44,631	101	44,390	44,631	101
19 States ¹	769,986	777,421	101	769,986	777,421	101
Other States ²	29,434	31,742	108	29,434	31,742	108
United States	799,420	809,163	101	799,420	809,163	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	799,420	809,163	101	799,420	809,163	101
February	748,650			1,548,070		
March	804,128			2,352,198		
April	780,779			3,132,977		
May	807,648			3,940,625		
June	789,420			4,730,045		
July	810,395			5,540,440		
August	808,453			6,348,893		
September	770,670			7,119,563		
October	778,444			7,898,007		
November	760,074			8,658,081		
December	811,168			9,469,249		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2016-2017

[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)		2016 (1,000 chicks)	2017 (1,000 chicks)
United States placements					
January	6,726	7,163	106	65,531	68,864
February	8,098			66,136	69,731
March	8,143			66,452	70,191
April	7,615			68,230	70,256
May	8,083			68,149	70,439
June	8,562			67,487	70,051
July	7,730			67,871	69,443
August	7,690			67,602	68,991
September	7,609			68,159	
October	6,909			68,512	
November	7,710			68,699	
December	7,535			68,875	
Annual total	92,410				
Total placements ²					
January	8,275	8,764	106		
February	10,098				
March	10,025				
April	9,128				
May	9,954				
June	10,261				
July	9,119				
August	9,708				
September	9,584				
October	8,522				
November	9,379				
December	9,459				
Annual total	113,512				

¹ For January 2017, includes breeder pullet chicks hatched October 2015 through June 2016.

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 2.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 376 million layers by more than 2.0 percent. Chances are 9 out of 10 that the difference will not exceed 3.4 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) 2.0	(percent) 3.4	(1,000) 6,903	(1,000) 4,776	(1,000) 9,308	(number) 24	(number) 0
Eggs	2.0	3.5	(million) 163	(million) 111	(million) 277	24	0

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.

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

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Bruce Boess, Head, Poultry and Specialty Commodities Section	(202) 720-4447
Aaron Cosgrove – Catfish Production, Egg Products, Poultry Slaughter, Trout Production, Turkey Hatchery, Turkeys Raised	(202) 690-3237
Alissa Cowell-Mytar – Cold Storage	(202) 720-4751
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

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- 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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