



Chickens and Eggs

ISSN: 1948-9064

Released January 24, 2017, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

December Egg Production Up 11 Percent

United States egg production totaled 8.97 billion during December 2016, up 11 percent from last year. Production included 7.84 billion table eggs, and 1.13 billion hatching eggs, of which 1.04 billion were broiler-type and 87.0 million were egg-type. The total number of layers during December 2016 averaged 372 million, up 7 percent from last year. December egg production per 100 layers was 2,415 eggs, up 4 percent from December 2015.

All layers in the United States on January 1, 2017 totaled 372 million, up 6 percent from last year. The 372 million layers consisted of 314 million layers producing table or market type eggs, 53.9 million layers producing broiler-type hatching eggs, and 3.64 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 2017, averaged 77.9 eggs per 100 layers, up 4 percent from January 1, 2016.

Egg-Type Chicks Hatched Down 1 Percent

Egg-type chicks hatched during December 2016 totaled 46.2 million, down 1 percent from December 2015. Eggs in incubators totaled 40.2 million on January 1, 2017, down 16 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 194 thousand during December 2016, down 10 percent from December 2015.

Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during December 2016 totaled 811 million, up 2 percent from December 2015. Eggs in incubators totaled 661 million on January 1, 2017, up 2 percent from a year ago.

Leading breeders placed 7.54 million broiler-type pullet chicks for future domestic hatchery supply flocks during December 2016, down slightly from December 2015.

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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		347,847		371,510
January		351,297		
February		357,103		
March		361,243		
April		361,126		
May		360,621		
June		359,284		
July		357,644		
August		358,512		
September		360,431		
October		362,709		
November		367,844		

¹ December preceding year.

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

[Totals may not add due to rounding. 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	8,116.8	8,972.0	6,985.4	7,844.2	1,131.4	1,127.8
January	8,152.4		7,018.9		1,133.5	
February	7,818.4		6,755.6		1,062.8	
March	8,495.5		7,356.8		1,138.7	
April	8,206.5		7,095.5		1,111.0	
May	8,509.4		7,355.4		1,154.0	
June	8,208.4		7,098.7		1,109.7	
July	8,497.5		7,350.5		1,147.0	
August	8,551.7		7,409.0		1,142.7	
September	8,297.5		7,204.2		1,093.3	
October	8,661.4		7,534.7		1,126.7	
November	8,565.1		7,468.5		1,096.6	

¹ December preceding year.

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

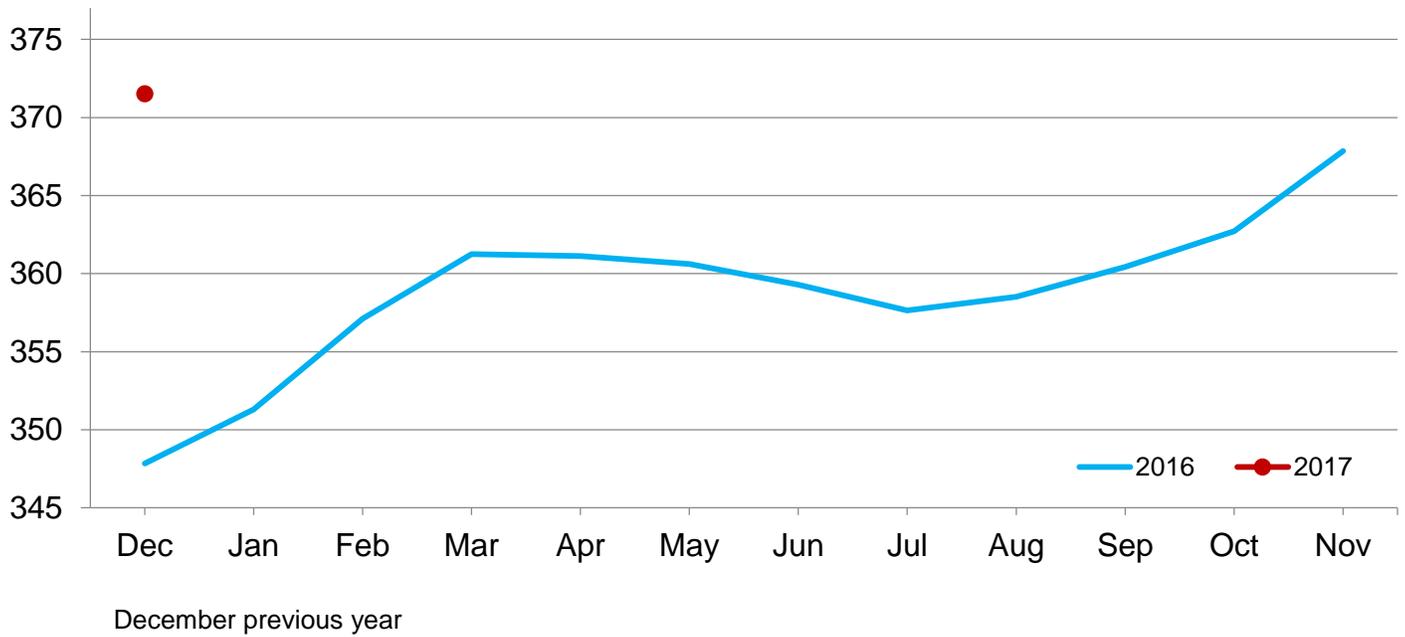
[Totals may not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2016	2017	2016	2017	2016	2017
	(1,000 dozen eggs)					
December ¹	676,400.6	747,666.5	582,117.1	653,683.2	94,283.5	93,983.3
January	679,366.9		584,908.6		94,458.3	
February	651,533.4		562,966.9		88,566.5	
March	707,958.2		613,066.4		94,891.8	
April	683,875.0		591,291.7		92,583.3	
May	709,116.9		612,950.1		96,166.8	
June	684,033.6		591,558.6		92,475.0	
July	708,125.4		612,541.9		95,583.5	
August	712,641.5		617,416.8		95,224.7	
September	691,459.1		600,350.8		91,108.3	
October	721,783.0		627,891.4		93,891.6	
November	713,759.0		622,375.6		91,383.4	

¹ December preceding year.

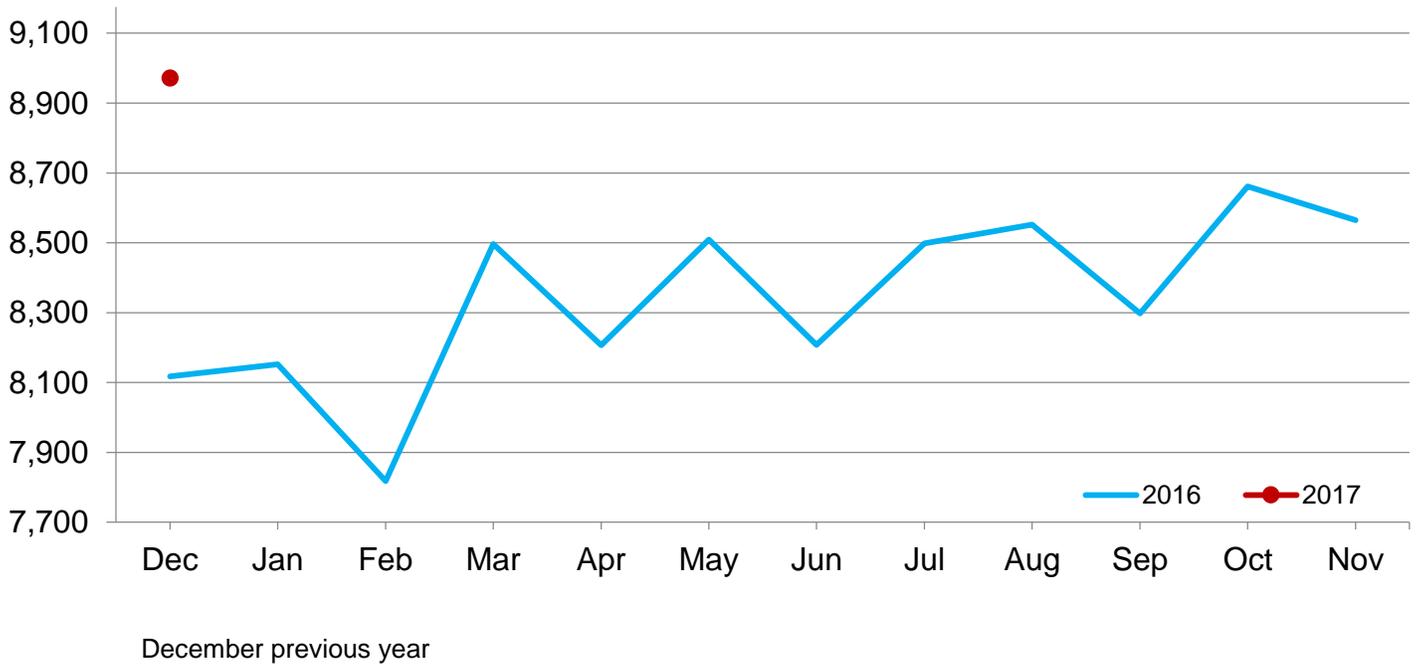
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:
November-December 2015 and 2016**

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during November			
All layers 1,000	343,469	367,844	107
Table egg type 1,000	285,491	310,728	109
Hatching egg type 1,000	57,978	57,116	99
Broiler-type hatching 1,000	54,463	53,670	99
Egg-type hatching 1,000	3,515	3,446	98
Eggs per 100 layers during November			
All layers number	2,260	2,328	103
Table egg type number	2,337	2,404	103
Hatching egg type number	1,884	1,920	102
Broiler-type hatching number	1,853	1,892	102
Egg-type hatching number	2,370	2,359	100
Eggs produced during November			
All layers million	7,762.9	8,565.1	110
Table egg type million	6,670.5	7,468.5	112
Hatching egg type million	1,092.4	1,096.6	100
Broiler-type hatching million	1,009.1	1,015.3	101
Egg-type hatching million	83.3	81.3	98
Eggs produced during November			
All layers 1,000 dozen	646,908.4	713,759.0	110
Table egg type 1,000 dozen	555,875.1	622,375.6	112
Hatching egg type 1,000 dozen	91,033.3	91,383.4	100
Broiler-type hatching 1,000 dozen	84,091.7	84,608.4	101
Egg-type hatching 1,000 dozen	6,941.6	6,775.0	98
Layers on December 1			
All layers 1,000	346,343	371,332	107
Table egg type 1,000	288,316	313,795	109
Hatching egg type 1,000	58,027	57,537	99
Broiler-type hatching 1,000	54,481	54,022	99
Egg-type hatching 1,000	3,546	3,515	99
Eggs per 100 layers on December 1			
All layers number	75.6	77.9	103
Table egg type number	78.2	80.5	103
Hatching egg type number	62.7	63.7	102
Broiler-type hatching number	61.5	62.9	102
Egg-type hatching number	81.0	77.2	95
Molted layers on December 1			
Being molted percent	1.8	1.5	83
Molt completed percent	21.9	16.2	74
Layers sold for slaughter during November 1,000	13,251.3	14,140.5	107
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	6,012.1	8,545.9	142
Pullets on December 1 1,000	116,802	110,031	94
Pullets added during November ¹ 1,000	26,606.7	25,949.3	98

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

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

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during December			
All layers1,000	347,847	371,510	107
Table egg type1,000	289,726	313,945	108
Hatching egg type1,000	58,121	57,565	99
Broiler-type hatching1,000	54,561	53,981	99
Egg-type hatching1,000	3,560	3,584	101
Eggs per 100 layers during December			
All layersnumber	2,333	2,415	104
Table egg typenumber	2,411	2,499	104
Hatching egg typenumber	1,947	1,959	101
Broiler-type hatchingnumber	1,908	1,928	101
Egg-type hatchingnumber	2,537	2,427	96
Eggs produced during December			
All layers million	8,116.8	8,972.0	111
Table egg type million	6,985.4	7,844.2	112
Hatching egg type million	1,131.4	1,127.8	100
Broiler-type hatching million	1,041.1	1,040.8	100
Egg-type hatching million	90.3	87.0	96
Eggs produced during December			
All layers 1,000 dozen	676,400.6	747,666.5	111
Table egg type 1,000 dozen	582,117.1	653,683.2	112
Hatching egg type 1,000 dozen	94,283.5	93,983.3	100
Broiler-type hatching 1,000 dozen	86,758.4	86,733.2	100
Egg-type hatching 1,000 dozen	7,525.1	7,250.1	96
	2016	2017	2017 as percent of 2016
Layers on January 1			
All layers1,000	349,315	371,549	106
Table egg type1,000	291,119	313,977	108
Hatching egg type1,000	58,196	57,572	99
Broiler-type hatching1,000	54,629	53,928	99
Egg-type hatching1,000	3,567	3,644	102
Eggs per 100 layers on January 1			
All layersnumber	74.9	77.9	104
Table egg typenumber	77.3	80.6	104
Hatching egg typenumber	62.8	62.6	100
Broiler-type hatchingnumber	61.5	61.5	100
Egg-type hatchingnumber	82.3	78.9	96
Molted layers on January 1			
Percent being moltedpercent	2.5	1.6	64
Percent with molt completedpercent	21.3	15.5	73
Layers sold for slaughter during December1,000	13,631	13,767	101
Layers rendered, died, destroyed, composted or disappeared for any reason during December1,000	6,572	10,088	153
Pullets on January 11,000	117,623	111,696	95
Pullets added during December ¹1,000	25,783	27,080	105

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

Layers on Hand and Eggs Produced – States and United States: During November 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	1,568	1,396	9,378	8,885	1,923	1,921
Arkansas	3,971	3,996	13,761	13,682	1,964	2,012
California	11,713	11,193	12,217	11,766	2,244	2,426
Colorado	4,193	4,195	4,671	4,649	2,402	2,471
Florida	8,803	7,931	9,196	8,311	2,244	2,286
Georgia	10,175	9,705	19,107	18,826	2,149	2,114
Illinois	4,647	4,368	5,109	4,832	2,423	2,568
Indiana	29,267	30,210	30,258	31,127	2,409	2,420
Iowa	34,711	53,300	35,895	54,521	2,092	2,377
Maryland	2,480	2,526	2,652	2,696	2,383	2,418
Michigan	12,904	14,000	13,120	14,238	2,457	2,432
Minnesota	8,861	10,444	9,319	10,902	2,348	2,353
Mississippi	1,462	1,364	5,646	5,422	2,023	2,086
Missouri	7,528	7,864	11,082	11,442	2,373	2,482
Nebraska	6,528	8,852	6,636	8,960	2,220	2,493
New York	5,290	5,111	5,652	5,471	2,408	2,497
North Carolina	6,998	7,529	14,738	14,996	2,087	2,162
Ohio	32,154	31,147	33,003	31,995	2,393	2,396
Oregon	2,166	2,365	2,305	2,504	2,516	2,576
Pennsylvania	23,744	25,717	25,822	27,898	2,450	2,413
South Carolina	3,092	2,672	4,338	3,840	2,266	2,216
South Dakota	1,413	2,601	1,555	2,743	2,199	2,315
Texas	16,048	16,634	20,049	20,640	2,156	2,212
Utah	4,470	4,985	4,508	5,023	2,225	2,391
Virginia	1,247	1,115	2,947	2,747	2,270	2,217
Washington	7,090	6,742	7,255	6,907	2,411	2,428
Wisconsin	4,342	4,933	5,055	5,625	2,378	2,485
Other States ¹	19,103	18,305	28,195	27,196	2,218	2,239
United States	275,968	301,200	343,469	367,844	2,260	2,328

¹ Includes data for States not published in this table.

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	4,004	4,055	13,933	13,956	2,064	1,998
California	11,821	11,538	12,315	12,152	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	9,631	19,393	18,718	2,232	2,217
Illinois	4,560	4,555	5,018	5,029	2,515	2,607
Indiana	29,528	31,444	30,506	32,326	2,468	2,516
Iowa	36,854	53,884	38,082	55,195	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	1,686	5,658	5,484	2,130	2,148
Missouri	7,669	7,713	11,183	11,270	2,490	2,587
Nebraska	7,431	8,849	7,539	8,957	2,179	2,582
New York	5,392	5,170	5,763	5,549	2,455	2,572
North Carolina	6,900	7,566	14,782	15,014	2,235	2,279
Ohio	31,987	30,842	32,841	31,698	2,439	2,473
Oregon	2,116	2,411	2,255	2,550	2,528	2,671
Pennsylvania	23,863	25,786	25,991	28,063	2,516	2,504
South Carolina	3,067	2,686	4,342	3,865	2,333	2,300
South Dakota	1,447	2,643	1,589	2,785	2,303	2,492
Texas	16,368	16,853	20,391	21,129	2,296	2,244
Utah	4,368	5,319	4,406	5,357	2,320	2,479
Virginia	1,240	1,001	2,970	2,679	2,327	2,199
Washington	6,999	6,972	7,164	7,137	2,446	2,550
Wisconsin	4,453	4,957	5,141	5,638	2,404	2,591
Other States ¹	19,228	18,230	28,321	27,112	2,293	2,325
United States	280,212	304,429	347,847	371,510	2,333	2,415

¹ Includes data for States not published in this table.

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

[Totals may not add due to rounding. 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	180.3	170.7	39.1	35.8	141.2	134.9
Arkansas	270.3	275.3	97.0	93.1	173.3	182.2
California	274.1	285.4	(D)	(D)	(D)	(D)
Colorado	112.2	114.9	(D)	(D)	(D)	(D)
Florida	206.4	190.0	202.0	186.2	4.4	3.8
Georgia	410.7	398.0	239.2	223.0	171.5	175.0
Illinois	123.8	124.1	119.5	119.7	4.3	4.4
Indiana	728.8	753.3	709.6	736.1	19.2	17.2
Iowa	750.9	1,296.0	735.4	1,280.3	15.5	15.7
Maryland	63.2	65.2	61.8	63.8	1.4	1.4
Michigan	322.4	346.3	(D)	(D)	(D)	(D)
Minnesota	218.8	256.5	212.4	250.1	6.4	6.4
Mississippi	114.2	113.1	35.2	34.0	79.0	79.1
Missouri	263.0	284.0	(D)	(D)	(D)	(D)
Nebraska	147.3	223.4	147.3	223.4	-	-
New York	136.1	136.6	(D)	(D)	(D)	(D)
North Carolina	307.6	324.2	167.5	185.5	140.1	138.7
Ohio	789.8	767.8	(D)	(D)	(D)	(D)
Oregon	58.0	64.5	58.0	64.5	-	-
Pennsylvania	632.6	673.3	604.4	642.8	28.2	30.5
South Carolina	98.3	85.1	75.5	63.6	22.8	21.5
South Dakota	34.2	63.5	34.2	63.5	-	-
Texas	432.3	456.5	(D)	(D)	(D)	(D)
Utah	100.3	120.1	100.3	120.1	-	-
Virginia	66.9	60.9	36.6	31.5	30.3	29.4
Washington	174.9	167.7	(D)	(D)	(D)	(D)
Wisconsin	120.2	139.8	(D)	(D)	(D)	(D)
Other States ¹	625.3	608.9	492.0	479.7	133.3	129.2
United States	7,762.9	8,565.1	6,670.5	7,468.5	1,092.4	1,096.6

- 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: December 2015 and 2016

[Totals may not add due to rounding. 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	287.6	278.9	104.4	96.5	183.2	182.4
California	288.9	302.2	(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	432.8	414.9	258.0	234.4	174.8	180.5
Illinois	126.2	131.1	121.8	126.5	4.4	4.6
Indiana	752.9	813.4	733.4	796.4	19.5	17.0
Iowa	815.0	1,379.8	797.1	1,363.0	17.9	16.8
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	117.8	38.0	41.0	82.5	76.8
Missouri	278.5	291.5	(D)	(D)	(D)	(D)
Nebraska	164.3	231.3	164.3	231.3	-	-
New York	141.5	142.7	(D)	(D)	(D)	(D)
North Carolina	330.4	342.1	183.4	199.4	147.0	142.7
Ohio	801.0	783.8	(D)	(D)	(D)	(D)
Oregon	57.0	68.1	57.0	68.1	-	-
Pennsylvania	653.9	702.8	622.2	668.5	31.7	34.3
South Carolina	101.3	88.9	77.2	66.8	24.1	22.1
South Dakota	36.6	69.4	36.6	69.4	-	-
Texas	468.2	474.2	(D)	(D)	(D)	(D)
Utah	102.2	132.8	102.2	132.8	-	-
Virginia	69.1	58.9	37.4	28.4	31.7	30.5
Washington	175.2	182.0	(D)	(D)	(D)	(D)
Wisconsin	123.6	146.1	(D)	(D)	(D)	(D)
Other States ¹	649.5	630.4	513.3	497.6	136.2	132.8
United States	8,116.8	8,972.0	6,985.4	7,844.2	1,131.4	1,127.8

- 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: November 2015 and 2016

[Totals may not add due to rounding. 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	15,025.0	14,225.0	3,258.3	2,983.3	11,766.7	11,241.7
Arkansas	22,525.0	22,941.7	8,083.3	7,758.4	14,441.7	15,183.3
California	22,841.6	23,783.4	(D)	(D)	(D)	(D)
Colorado	9,350.0	9,575.0	(D)	(D)	(D)	(D)
Florida	17,200.0	15,833.4	16,833.3	15,516.7	366.7	316.7
Georgia	34,225.1	33,166.7	19,933.4	18,583.4	14,291.7	14,583.3
Illinois	10,316.7	10,341.7	9,958.3	9,975.0	358.4	366.7
Indiana	60,733.3	62,775.1	59,133.3	61,341.7	1,600.0	1,433.4
Iowa	62,575.0	108,000.0	61,283.3	106,691.7	1,291.7	1,308.3
Maryland	5,266.6	5,433.3	5,150.0	5,316.6	116.6	116.7
Michigan	26,866.6	28,858.3	(D)	(D)	(D)	(D)
Minnesota	18,233.3	21,375.0	17,700.0	20,841.7	533.3	533.3
Mississippi	9,516.7	9,424.9	2,933.3	2,833.3	6,583.4	6,591.6
Missouri	21,916.6	23,666.7	(D)	(D)	(D)	(D)
Nebraska	12,275.0	18,616.7	12,275.0	18,616.7	-	-
New York	11,341.7	11,383.3	(D)	(D)	(D)	(D)
North Carolina	25,633.3	27,016.8	13,958.3	15,458.4	11,675.0	11,558.4
Ohio	65,816.6	63,983.3	(D)	(D)	(D)	(D)
Oregon	4,833.4	5,375.0	4,833.4	5,375.0	-	-
Pennsylvania	52,716.7	56,108.4	50,366.7	53,566.7	2,350.0	2,541.7
South Carolina	8,191.7	7,091.7	6,291.7	5,300.0	1,900.0	1,791.7
South Dakota	2,850.0	5,291.7	2,850.0	5,291.7	-	-
Texas	36,025.1	38,041.7	(D)	(D)	(D)	(D)
Utah	8,358.4	10,008.3	8,358.4	10,008.3	-	-
Virginia	5,575.0	5,075.0	3,050.0	2,625.0	2,525.0	2,450.0
Washington	14,575.0	13,975.0	(D)	(D)	(D)	(D)
Wisconsin	10,016.6	11,650.0	(D)	(D)	(D)	(D)
Other States ¹	52,108.4	50,741.9	41,000.2	39,975.3	11,108.2	10,766.6
United States	646,908.4	713,759.0	555,875.1	622,375.6	91,033.3	91,383.4

- 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

[Totals may not add due to rounding. 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	23,966.7	23,241.7	8,700.0	8,041.7	15,266.7	15,200.0
California	24,075.0	25,183.4	(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	36,066.7	34,575.0	21,500.0	19,533.3	14,566.7	15,041.7
Illinois	10,516.7	10,925.0	10,150.0	10,541.7	366.7	383.3
Indiana	62,741.7	67,783.3	61,116.7	66,366.6	1,625.0	1,416.7
Iowa	67,916.7	114,983.3	66,425.0	113,583.3	1,491.7	1,400.0
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	9,816.6	3,166.7	3,416.6	6,875.0	6,400.0
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	11,891.6	(D)	(D)	(D)	(D)
North Carolina	27,533.4	28,508.2	15,283.4	16,616.6	12,250.0	11,891.6
Ohio	66,750.1	65,316.6	(D)	(D)	(D)	(D)
Oregon	4,750.0	5,675.0	4,750.0	5,675.0	-	-
Pennsylvania	54,491.7	58,566.7	51,850.0	55,708.3	2,641.7	2,858.4
South Carolina	8,441.7	7,408.4	6,433.4	5,566.7	2,008.3	1,841.7
South Dakota	3,050.0	5,783.4	3,050.0	5,783.4	-	-
Texas	39,016.8	39,516.6	(D)	(D)	(D)	(D)
Utah	8,516.7	11,066.7	8,516.7	11,066.7	-	-
Virginia	5,758.3	4,908.3	3,116.6	2,366.7	2,641.7	2,541.6
Washington	14,600.0	15,166.7	(D)	(D)	(D)	(D)
Wisconsin	10,300.0	12,175.0	(D)	(D)	(D)	(D)
Other States ¹	54,124.9	52,533.4	42,774.8	41,466.7	11,350.1	11,066.7
United States	676,400.6	747,666.5	582,117.1	653,683.2	94,283.5	93,983.3

- 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	1.6	21.3	15.5
February	2.9		20.5	
March	1.5		20.7	
April	2.9		19.2	
May	2.8		18.7	
June	2.9		18.2	
July	2.5		17.7	
August	2.6		17.4	
September	2.6		16.5	
October	2.1		16.7	
November	2.2		16.3	
December	1.5		16.2	

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

[As of the first of the month]

State	Being molted		Molt completed	
	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)
Alabama	-	0.5	9.5	11.0
Arkansas	1.5	2.0	19.0	17.5
California	2.5	2.5	17.5	16.0
Colorado	1.5	2.0	18.0	9.5
Florida	4.0	4.0	63.5	80.5
Georgia	2.0	1.5	18.0	9.0
Illinois	6.5	-	26.5	13.5
Indiana	3.0	1.5	24.5	13.0
Iowa	3.5	-	32.5	9.5
Maryland	-	-	-	-
Michigan	0.5	-	8.5	6.5
Minnesota	5.0	-	14.0	11.0
Mississippi	2.0	2.0	24.0	25.5
Missouri	1.5	2.0	15.0	10.5
Nebraska	2.5	-	17.0	4.0
New York	2.5	1.0	2.0	2.5
North Carolina	1.0	-	18.0	13.0
Ohio	4.0	4.0	22.0	21.5
Oregon	4.5	4.0	17.0	10.0
Pennsylvania	2.0	1.0	6.0	5.0
South Carolina	2.5	2.5	12.0	24.5
South Dakota	6.5	-	30.0	5.5
Texas	3.0	5.5	47.5	53.0
Utah	3.5	2.5	34.5	17.5
Virginia	3.0	4.0	16.5	9.5
Washington	3.0	1.5	26.0	12.5
Wisconsin	2.0	5.0	19.0	9.0
Other States ¹	1.0	1.4	10.1	10.6
United States	2.5	1.6	21.3	15.5

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2016 and 2017

[December preceding year]

Item	2016	2017	2017 as percent of 2016
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on January 1	47,981	40,241	84
Chicks hatched during December	46,695	46,215	99
Chicks hatched January through December	565,598	585,952	104
Pullets hatched during December for intended placements:			
Hatchery supply flocks	215	194	90
Cumulative potential placements 7-18 months earlier ¹	3,238	2,801	87
Broiler-type			
Eggs in incubators on January 1	645,015	660,538	102
Chicks hatched during December	798,157	811,219	102
Chicks hatched January through December	9,317,987	9,469,300	102
Pullets hatched during December for intended placements:			
Hatchery supply flocks	7,544	7,535	100
Cumulative potential placements 7-15 months earlier ²	64,994	68,875	106

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

² 2017 includes pullet chicks hatched September 2015 through May 2016.

Egg-Type Eggs in Incubators on the First of the Month – Regions and United States: 2015-2017

[See regional listing on page 21]

Region	December 1		2016 as percent of 2015	January 1		2017 as percent of 2016
	2015	2016		2016	2017	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	9,414	7,699	82	9,793	6,416	66
East North Central	9,376	5,465	58	9,531	5,237	55
West North Central	11,702	16,826	144	10,912	14,225	130
South Atlantic	5,361	4,703	88	5,435	4,326	80
South Central	6,471	5,909	91	6,259	4,874	78
West	5,870	5,358	91	6,051	5,163	85
United States	48,194	45,960	95	47,981	40,241	84

Egg-Type Chicks Hatched by Month – United States: 2015-2016

Month	By months			Cumulative		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	43,868	47,645	109	43,868	47,645	109
February	43,774	50,481	115	87,642	98,126	112
March	50,187	57,037	114	137,829	155,163	113
April	50,193	51,052	102	188,022	206,215	110
May	48,315	57,155	118	236,337	263,370	111
June	47,212	58,040	123	283,549	321,410	113
July	42,790	42,349	99	326,339	363,759	111
August	47,131	43,870	93	373,470	407,629	109
September	49,391	45,724	93	422,861	453,353	107
October	50,194	44,071	88	473,055	497,424	105
November	45,848	42,313	92	518,903	539,737	104
December	46,695	46,215	99	565,598	585,952	104

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2015-2017

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

Month	Pullet chicks hatched		2016 as percent of 2015	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2015	2016		2016	2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	270	148	55	3,386	2,725
February	309	189	61	3,378	2,744
March	346	160	46	3,293	2,902
April	219	240	110	3,121	2,861
May	235	327	139	3,082	2,855
June	320	244	76	3,149	2,908
July	267	286	107	3,116	2,887
August	166	324	195	2,994	
September	222	181	82	2,874	
October	330	324	98	2,688	
November	217	270	124	2,709	
December	215	194	90	2,801	
Total	3,116	2,887	93		

¹ For December 2016, includes breeder pullet chicks hatched June 2015 through May 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: 2015-2017

[See regional listing on page 21]

Region	December 1		2016 as percent of 2015	January 1		2017 as percent of 2016
	2015	2016		2016	2017	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	14,443	14,739	102	14,540	14,882	102
East North Central	14,267	15,257	107	14,462	15,352	106
West North Central	30,073	31,957	106	29,281	31,099	106
South Atlantic	245,715	250,810	102	247,548	251,445	102
South Central	317,877	322,485	101	316,208	324,300	103
West	23,653	23,431	99	22,976	23,460	102
United States	646,028	658,679	102	645,015	660,538	102

Broiler-Type Chicks Hatched – States and United States: December 2015 and 2016

State	During December			January-December		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	108,374	109,274	101	1,264,397	1,264,429	100
Arkansas	81,762	84,221	103	943,929	974,216	103
Delaware	17,832	18,592	104	209,334	209,111	100
Florida	4,692	4,442	95	52,584	52,809	100
Georgia	125,032	125,961	101	1,458,977	1,493,510	102
Kentucky	28,266	27,553	97	335,272	327,376	98
Louisiana	13,343	13,424	101	164,896	153,390	93
Maryland	29,012	29,730	102	338,955	347,765	103
Mississippi	67,612	65,815	97	777,114	791,730	102
Missouri	30,286	30,772	102	356,234	350,721	98
North Carolina	76,669	77,504	101	906,110	909,584	100
Oklahoma	24,340	27,431	113	281,146	307,760	109
Pennsylvania	17,707	17,290	98	196,945	199,865	101
South Carolina	19,443	20,042	103	231,757	237,415	102
Texas	56,659	58,749	104	655,653	681,844	104
Virginia	23,419	23,790	102	281,132	282,027	100
California, Tennessee, and West Virginia	44,690	44,041	99	516,358	521,571	101
19 States ¹	769,138	778,631	101	8,970,793	9,105,123	101
Other States ²	29,019	32,588	112	347,194	364,177	105
United States	798,157	811,219	102	9,317,987	9,469,300	102

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: 2015-2016

Month	By months			Cumulative		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	792,030	799,420	101	792,030	799,420	101
February	711,289	748,650	105	1,503,319	1,548,070	103
March	791,428	804,128	102	2,294,747	2,352,198	103
April	773,353	780,779	101	3,068,100	3,132,977	102
May	809,844	807,648	100	3,877,944	3,940,625	102
June	787,930	789,420	100	4,665,874	4,730,045	101
July	805,512	810,395	101	5,471,386	5,540,440	101
August	799,162	808,453	101	6,270,548	6,348,893	101
September	761,688	770,670	101	7,032,236	7,119,563	101
October	755,076	778,444	103	7,787,312	7,898,007	101
November	732,518	760,074	104	8,519,830	8,658,081	102
December	798,157	811,219	102	9,317,987	9,469,300	102

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2015-2017

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

Month	Pullet chicks hatched		2016 as percent of 2015	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2015 (1,000 chicks)	2016 (1,000 chicks)		2016 (1,000 chicks)	2017 (1,000 chicks)
United States placements					
January	6,944	6,726	97	65,531	68,864
February	7,892	8,098	103	66,136	69,731
March	7,160	8,143	114	66,452	70,191
April	6,995	7,615	109	68,230	70,256
May	7,541	8,083	107	68,149	70,439
June	7,790	8,562	110	67,487	70,051
July	7,428	7,730	104	67,871	69,443
August	7,907	7,690	97	67,602	
September	8,573	7,609	89	68,159	
October	6,863	6,909	101	68,512	
November	7,230	7,710	107	68,699	
December	7,544	7,535	100	68,875	
Annual total	89,867	92,410	103		
Total placements ²					
January	8,382	8,275	99		
February	9,546	10,098	106		
March	8,875	10,025	113		
April	8,358	9,128	109		
May	9,409	9,954	106		
June	9,785	10,261	105		
July	9,907	9,119	92		
August	10,040	9,708	97		
September	10,810	9,584	89		
October	8,681	8,522	98		
November	8,872	9,379	106		
December	9,321	9,459	101		
Annual total	111,986	113,512	101		

¹ For December 2016, includes breeder pullet chicks hatched September 2015 through May 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 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 372 million layers by more than 0.9 percent. Chances are 9 out of 10 that the difference will not exceed 1.5 percent.

Reliability of Layer and Egg Estimates

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

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
All layers	(percent) 0.9	(percent) 1.5	(1,000) 2,363	(1,000) 2	(1,000) 7,486	(number) 22	(number) 2
Eggs	1.0	1.6	(million) 62	(million) 0	(million) 197	19	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.

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

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