



Chickens and Eggs

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October Egg Production Down Slightly

United States egg production totaled 8.83 billion during October 2017, down slightly from last year. Production included 7.67 billion table eggs, and 1.16 billion hatching eggs, of which 1.08 billion were broiler-type and 73.0 million were egg-type. The average number of layers during October 2017 totaled 374 million, up 1 percent from last year. October egg production per 100 layers was 2,359 eggs, down 1 percent from October 2016.

All layers in the United States on November 1, 2017 totaled 375 million, up 1 percent from last year. The 375 million layers consisted of 315 million layers producing table or market type eggs, 56.8 million layers producing broiler-type hatching eggs, and 3.12 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2017, averaged 76.4 eggs per 100 layers, down 1 percent from November 1, 2016.

Egg-Type Chicks Hatched Up 18 Percent

Egg-type chicks hatched during October 2017 totaled 51.0 million, up 18 percent from October 2016. Eggs in incubators totaled 44.9 million on November 1, 2017, up 9 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 198 thousand during October 2017, down 39 percent from October 2016.

Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during October 2017 totaled 794 million, up 2 percent from October 2016. Eggs in incubators totaled 650 million on November 1, 2017, up 3 percent from a year ago.

Leading breeders placed 7.59 million broiler-type pullet chicks for future domestic hatchery supply flocks during October 2017, up 10 percent from October 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		371,361
September		369,205		372,566
October		370,864		374,308
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)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(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	8,853.3	7,597.0	7,686.2	1,153.6	1,167.1
September	8,507.0	8,497.4	7,402.4	7,376.5	1,104.6	1,120.9
October	8,850.6	8,828.9	7,711.8	7,672.9	1,138.8	1,156.0
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

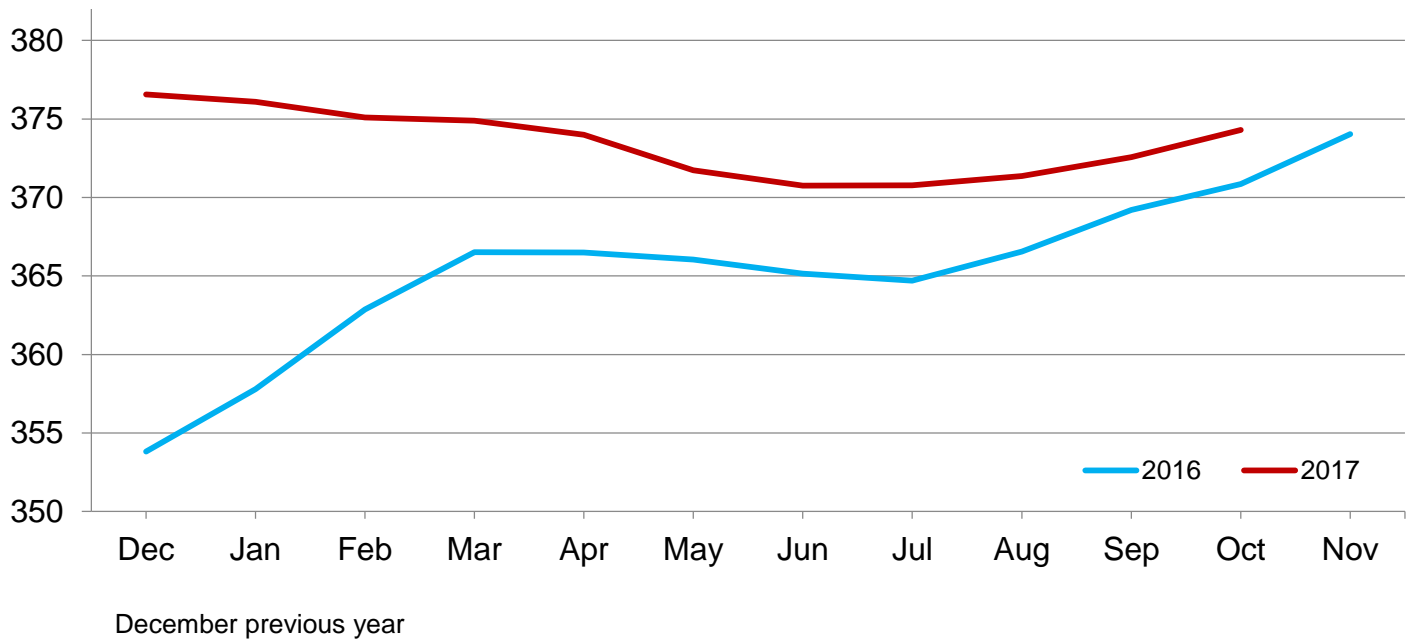
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Month	Total eggs		Table eggs		Hatching eggs	
	2016	2017	2016	2017	2016	2017
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December ¹	688,450.7	756,941.4	593,717.2	662,533.1	94,733.5	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	737,775.7	633,083.3	640,516.9	96,133.1	97,258.8
September	708,917.3	708,116.5	616,867.3	614,708.2	92,050.0	93,408.3
October	737,549.9	735,742.3	642,649.9	639,408.6	94,900.0	96,333.7
November	725,592.3		633,533.7		92,058.6	

¹ December previous year.

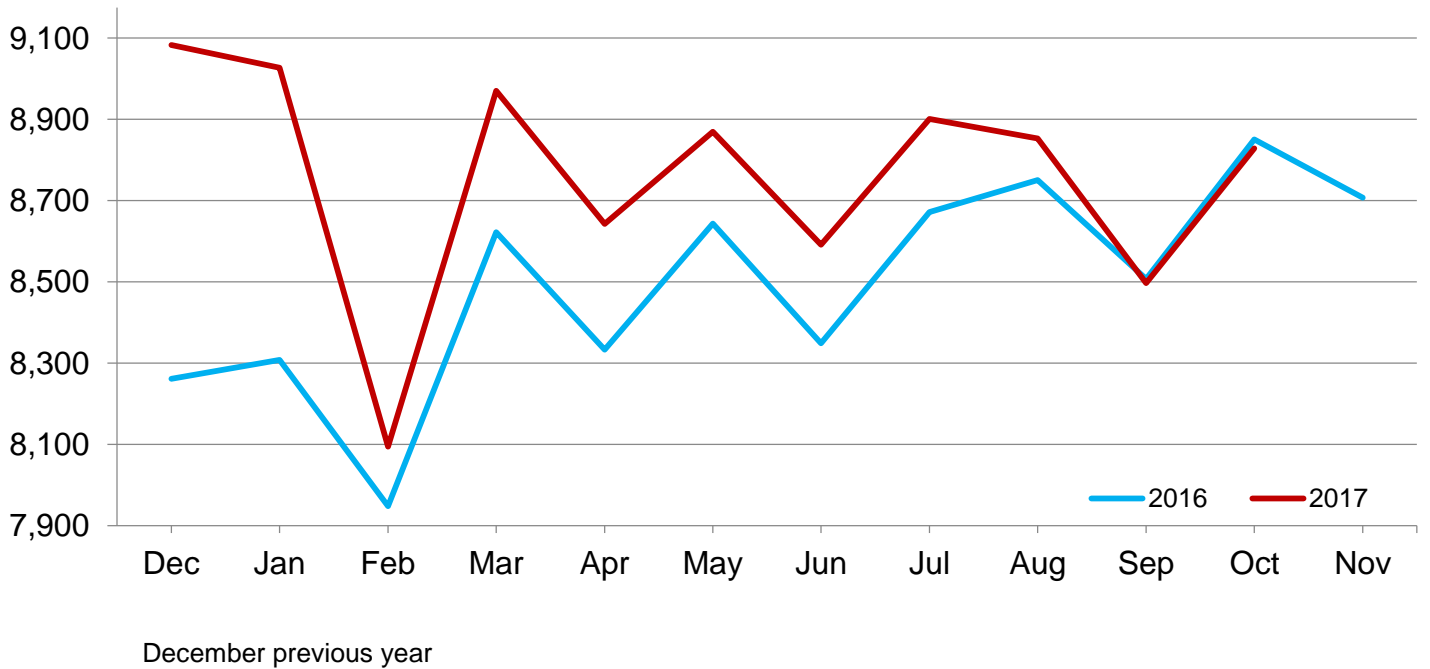
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



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

Item	2016	2017	2017 as percent of 2016	
Layers during September				
All layers	1,000	369,205	372,566	101
Table egg type	1,000	311,682	312,364	100
Hatching egg type	1,000	57,523	60,202	105
Broiler-type hatching	1,000	53,906	57,013	106
Egg-type hatching	1,000	3,617	3,189	88
Eggs per 100 layers during September				
All layers	number	2,304	2,281	99
Table egg type	number	2,375	2,362	99
Hatching egg type	number	1,920	1,862	97
Broiler-type hatching	number	1,889	1,840	97
Egg-type hatching	number	2,391	2,251	94
Eggs produced during September				
All layers	million	8,507.0	8,497.4	100
Table egg type	million	7,402.4	7,376.5	100
Hatching egg type	million	1,104.6	1,120.9	101
Broiler-type hatching	million	1,018.1	1,049.1	103
Egg-type hatching	million	86.5	71.8	83
Eggs produced during September				
All layers	1,000 dozen	708,917.3	708,116.5	100
Table egg type	1,000 dozen	616,867.3	614,708.2	100
Hatching egg type	1,000 dozen	92,050.0	93,408.3	101
Broiler-type hatching	1,000 dozen	84,841.6	87,425.0	103
Egg-type hatching	1,000 dozen	7,208.4	5,983.3	83
Layers on October 1				
All layers	1,000	370,254	373,249	101
Table egg type	1,000	312,847	312,767	100
Hatching egg type	1,000	57,407	60,482	105
Broiler-type hatching	1,000	53,900	57,284	106
Egg-type hatching	1,000	3,507	3,198	91
Eggs per 100 layers on October 1				
All layers	number	76.8	75.8	99
Table egg type	number	79.2	78.5	99
Hatching egg type	number	63.8	61.8	97
Broiler-type hatching	number	62.8	61.2	97
Egg-type hatching	number	79.4	72.4	91
Molted layers on October 1				
Being molted	percent	2.1	3.0	143
Molt completed	percent	16.8	16.1	96
Layers sold for slaughter during September	1,000	16,563.6	12,873.8	78
Layers rendered, died, destroyed, composted or disappeared for any reason during September	1,000	7,618.7	8,762.3	115
Pullets on October 1	1,000	115,740	113,574	98
Pullets added during September ¹	1,000	27,061.7	22,967.3	85

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

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

Item	2016	2017	2017 as percent of 2016
Layers during October			
All layers 1,000	370,864	374,308	101
Table egg type 1,000	313,630	314,089	100
Hatching egg type 1,000	57,234	60,219	105
Broiler-type hatching 1,000	53,780	57,055	106
Egg-type hatching 1,000	3,454	3,164	92
Eggs per 100 layers during October			
All layers number	2,386	2,359	99
Table egg type number	2,459	2,443	99
Hatching egg type number	1,990	1,920	96
Broiler-type hatching number	1,959	1,898	97
Egg-type hatching number	2,472	2,307	93
Eggs produced during October			
All layers million	8,850.6	8,828.9	100
Table egg type million	7,711.8	7,672.9	99
Hatching egg type million	1,138.8	1,156.0	102
Broiler-type hatching million	1,053.4	1,083.0	103
Egg-type hatching million	85.4	73.0	85
Eggs produced during October			
All layers 1,000 dozen	737,549.9	735,742.3	100
Table egg type 1,000 dozen	642,649.9	639,408.6	99
Hatching egg type 1,000 dozen	94,900.0	96,333.7	102
Broiler-type hatching 1,000 dozen	87,783.3	90,250.4	103
Egg-type hatching 1,000 dozen	7,116.7	6,083.3	85
Layers on November 1			
All layers 1,000	371,438	375,334	101
Table egg type 1,000	314,394	315,396	100
Hatching egg type 1,000	57,044	59,938	105
Broiler-type hatching 1,000	53,651	56,814	106
Egg-type hatching 1,000	3,393	3,124	92
Eggs per 100 layers on November 1			
All layers number	77.3	76.4	99
Table egg type number	79.6	79.1	99
Hatching egg type number	64.5	62.0	96
Broiler-type hatching number	63.5	61.2	96
Egg-type hatching number	79.9	75.9	95
Molted layers on November 1			
Being molted percent	2.3	1.9	83
Molt completed percent	16.5	16.5	100
Layers sold for slaughter during October 1,000	16,682.7	14,224.0	85
Layers rendered, died, destroyed, composted or disappeared for any reason during October 1,000	8,372.3	9,047.5	108
Pullets on November 1 1,000	112,926	112,909	100
Pullets added during October ¹ 1,000	25,020.0	26,448.2	106

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

Layers on Hand and Eggs Produced – States and United States: During September 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	1,513	1,376	9,034	9,301	1,914	1,862
Arkansas	3,730	3,715	13,410	13,780	2,014	2,001
California	11,240	11,499	11,760	12,130	2,402	2,324
Colorado	4,207	4,249	4,641	4,651	2,353	2,415
Florida	7,866	6,829	8,288	7,266	2,242	2,164
Georgia	9,285	9,392	18,219	19,242	2,116	2,024
Illinois	4,600	4,413	5,064	4,882	2,494	2,425
Indiana	29,770	31,679	30,738	32,528	2,412	2,369
Iowa	51,909	53,846	53,244	55,271	2,367	2,322
Maryland	2,526	2,647	2,688	2,807	2,403	2,426
Michigan	13,131	13,820	13,369	14,041	2,337	2,463
Minnesota	10,138	9,805	10,598	10,285	2,299	2,383
Mississippi	1,415	1,432	5,480	5,555	2,066	2,115
Missouri	8,033	6,267	11,614	9,848	2,349	2,280
Nebraska	9,073	7,484	9,181	7,753	2,469	2,418
New York	5,212	5,064	5,594	5,432	2,476	2,548
North Carolina	7,077	7,038	14,540	15,284	2,087	2,113
Ohio	31,898	29,982	32,750	30,889	2,381	2,351
Oregon	2,191	2,221	2,330	2,360	2,438	2,585
Pennsylvania	24,513	25,486	26,691	27,378	2,499	2,434
South Carolina	2,806	3,059	4,004	4,291	2,108	2,272
South Dakota	2,376	2,307	2,518	2,449	2,260	2,364
Texas	16,178	17,445	20,274	21,694	2,231	2,189
Utah	4,603	4,947	4,641	4,985	2,243	2,471
Virginia	1,210	862	2,959	2,589	2,251	2,240
Washington	6,660	6,963	6,825	7,128	2,374	2,431
Wisconsin	5,286	5,780	5,973	6,463	2,334	2,240
Other States ¹	23,722	23,338	32,778	32,284	2,222	2,175
United States	302,168	302,945	369,205	372,566	2,304	2,281

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During October 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	1,514	1,373	8,955	9,486	1,981	1,924
Arkansas	3,772	3,870	13,373	13,850	2,104	2,052
California	10,979	11,874	11,498	12,511	2,527	2,335
Colorado	4,250	4,176	4,696	4,578	2,511	2,650
Florida	7,917	6,944	8,317	7,346	2,334	2,307
Georgia	9,477	9,447	18,524	19,405	2,157	2,124
Illinois	4,413	4,412	4,868	4,870	2,662	2,509
Indiana	30,462	31,275	31,444	32,140	2,503	2,481
Iowa	52,456	54,108	53,708	55,529	2,421	2,403
Maryland	2,520	2,625	2,691	2,786	2,475	2,495
Michigan	13,723	14,099	13,961	14,320	2,411	2,508
Minnesota	10,363	9,979	10,822	10,424	2,376	2,428
Mississippi	1,353	1,406	5,459	5,521	2,138	2,193
Missouri	7,941	6,394	11,560	9,959	2,540	2,404
Nebraska	8,850	7,440	8,958	7,696	2,564	2,513
New York	5,096	4,992	5,482	5,364	2,572	2,623
North Carolina	7,276	6,941	14,780	15,148	2,202	2,168
Ohio	31,648	30,404	32,495	31,313	2,461	2,420
Oregon	2,300	2,203	2,439	2,342	2,608	2,635
Pennsylvania	25,025	26,109	27,113	27,989	2,552	2,505
South Carolina	2,680	2,913	3,856	4,151	2,272	2,320
South Dakota	2,474	2,435	2,616	2,577	2,305	2,495
Texas	16,303	17,641	20,403	21,902	2,327	2,278
Utah	4,781	4,862	4,819	4,900	2,391	2,584
Virginia	1,203	849	2,867	2,527	2,358	2,339
Washington	6,688	6,638	6,853	6,803	2,399	2,517
Wisconsin	5,128	6,024	5,817	6,691	2,457	2,249
Other States ¹	23,537	23,237	32,490	32,180	2,272	2,241
United States	304,129	304,670	370,864	374,308	2,386	2,359

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: September 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	172.9	173.2	38.1	34.8	134.8	138.4
Arkansas	270.1	275.7	93.4	93.6	176.7	182.1
California	282.5	281.9	(D)	(D)	(D)	(D)
Colorado	109.2	112.3	(D)	(D)	(D)	(D)
Florida	185.8	157.2	180.3	151.9	5.5	5.3
Georgia	385.5	389.4	213.7	210.7	171.8	178.7
Illinois	126.3	118.4	121.8	114.0	4.5	4.4
Indiana	741.4	770.7	722.8	754.7	18.6	16.0
Iowa	1,260.2	1,283.6	1,241.0	1,267.3	19.2	16.3
Maryland	64.6	68.1	63.4	67.1	1.2	1.0
Michigan	312.4	345.8	(D)	(D)	(D)	(D)
Minnesota	243.7	245.1	237.6	239.1	6.1	6.0
Mississippi	113.2	117.5	34.8	37.7	78.4	79.8
Missouri	272.8	224.5	(D)	(D)	(D)	(D)
Nebraska	226.7	187.5	226.7	183.6	-	3.9
New York	138.5	138.4	(D)	(D)	(D)	(D)
North Carolina	303.5	322.9	165.5	172.9	138.0	150.0
Ohio	779.9	726.1	(D)	(D)	(D)	(D)
Oregon	56.8	61.0	56.8	61.0	-	-
Pennsylvania	666.9	666.4	635.4	639.6	31.5	26.8
South Carolina	84.4	97.5	62.0	74.9	22.4	22.6
South Dakota	56.9	57.9	56.9	57.9	-	-
Texas	452.4	474.8	(D)	(D)	(D)	(D)
Utah	104.1	123.2	104.1	123.2	-	-
Virginia	66.6	58.0	35.0	27.7	31.6	30.3
Washington	162.0	173.3	(D)	(D)	(D)	(D)
Wisconsin	139.4	144.8	(D)	(D)	(D)	(D)
Other States ¹	728.3	702.2	595.0	573.6	133.3	128.6
United States	8,507.0	8,497.4	7,402.4	7,376.5	1,104.6	1,120.9

- 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: October 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	177.4	182.5	39.6	37.0	137.8	145.5
Arkansas	281.4	284.2	96.0	98.9	185.4	185.3
California	290.6	292.1	(D)	(D)	(D)	(D)
Colorado	117.9	121.3	(D)	(D)	(D)	(D)
Florida	194.1	169.5	189.2	164.4	4.9	5.1
Georgia	399.5	412.1	221.8	225.8	177.7	186.3
Illinois	129.6	122.2	125.1	117.8	4.5	4.4
Indiana	787.2	797.3	767.9	780.7	19.3	16.6
Iowa	1,300.2	1,334.3	1,282.6	1,317.5	17.6	16.8
Maryland	66.6	69.5	65.2	68.5	1.4	1.0
Michigan	336.6	359.1	(D)	(D)	(D)	(D)
Minnesota	257.1	253.1	250.5	246.7	6.6	6.4
Mississippi	116.7	121.1	35.4	37.6	81.3	83.5
Missouri	293.6	239.4	(D)	(D)	(D)	(D)
Nebraska	229.7	193.4	229.7	189.7	-	3.7
New York	141.0	140.7	(D)	(D)	(D)	(D)
North Carolina	325.4	328.4	180.3	173.1	145.1	155.3
Ohio	799.6	757.7	(D)	(D)	(D)	(D)
Oregon	63.6	61.7	63.6	61.7	-	-
Pennsylvania	691.8	701.1	661.2	675.7	30.6	25.4
South Carolina	87.6	96.3	65.1	73.3	22.5	23.0
South Dakota	60.3	64.3	60.3	64.3	-	-
Texas	474.8	499.0	(D)	(D)	(D)	(D)
Utah	115.2	126.6	115.2	126.6	-	-
Virginia	67.6	59.1	35.8	28.5	31.8	30.6
Washington	164.4	171.2	(D)	(D)	(D)	(D)
Wisconsin	142.9	150.5	(D)	(D)	(D)	(D)
Other States ¹	738.2	721.2	603.1	588.9	135.1	132.3
United States	8,850.6	8,828.9	7,711.8	7,672.9	1,138.8	1,156.0

- 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: September 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)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	14,408.3	14,433.3	3,175.0	2,900.0	11,233.3	11,533.3
Arkansas	22,508.4	22,975.0	7,783.4	7,800.0	14,725.0	15,175.0
California	23,541.7	23,491.7	(D)	(D)	(D)	(D)
Colorado	9,100.0	9,358.3	(D)	(D)	(D)	(D)
Florida	15,483.3	13,100.0	15,025.0	12,658.3	458.3	441.7
Georgia	32,125.1	32,450.0	17,808.4	17,558.3	14,316.7	14,891.7
Illinois	10,525.0	9,866.7	10,150.0	9,500.0	375.0	366.7
Indiana	61,783.4	64,225.1	60,233.4	62,891.7	1,550.0	1,333.4
Iowa	105,016.7	106,966.6	103,416.7	105,608.3	1,600.0	1,358.3
Maryland	5,383.3	5,675.0	5,283.3	5,591.7	100.0	83.3
Michigan	26,033.4	28,816.7	(D)	(D)	(D)	(D)
Minnesota	20,308.3	20,425.0	19,800.0	19,925.0	508.3	500.0
Mississippi	9,433.3	9,791.7	2,900.0	3,141.7	6,533.3	6,650.0
Missouri	22,733.4	18,708.3	(D)	(D)	(D)	(D)
Nebraska	18,891.7	15,625.0	18,891.7	15,300.0	-	325.0
New York	11,541.7	11,533.3	(D)	(D)	(D)	(D)
North Carolina	25,291.7	26,908.3	13,791.7	14,408.3	11,500.0	12,500.0
Ohio	64,991.7	60,508.3	(D)	(D)	(D)	(D)
Oregon	4,733.3	5,083.3	4,733.3	5,083.3	-	-
Pennsylvania	55,575.0	55,533.3	52,950.0	53,300.0	2,625.0	2,233.3
South Carolina	7,033.4	8,125.0	5,166.7	6,241.7	1,866.7	1,883.3
South Dakota	4,741.7	4,825.0	4,741.7	4,825.0	-	-
Texas	37,700.0	39,566.7	(D)	(D)	(D)	(D)
Utah	8,675.0	10,266.7	8,675.0	10,266.7	-	-
Virginia	5,550.0	4,833.4	2,916.7	2,308.4	2,633.3	2,525.0
Washington	13,500.0	14,441.7	(D)	(D)	(D)	(D)
Wisconsin	11,616.7	12,066.6	(D)	(D)	(D)	(D)
Other States ¹	60,691.8	58,516.5	49,583.5	47,799.9	11,108.3	10,716.6
United States	708,917.3	708,116.5	616,867.3	614,708.2	92,050.0	93,408.3

- 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: October 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)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	14,783.3	15,208.4	3,300.0	3,083.4	11,483.3	12,125.0
Arkansas	23,450.0	23,683.4	8,000.0	8,241.7	15,450.0	15,441.7
California	24,216.7	24,341.7	(D)	(D)	(D)	(D)
Colorado	9,825.0	10,108.3	(D)	(D)	(D)	(D)
Florida	16,175.0	14,125.0	15,766.7	13,700.0	408.3	425.0
Georgia	33,291.7	34,341.7	18,483.4	18,816.7	14,808.3	15,525.0
Illinois	10,800.0	10,183.4	10,425.0	9,816.7	375.0	366.7
Indiana	65,599.9	66,441.7	63,991.6	65,058.4	1,608.3	1,383.3
Iowa	108,350.0	111,191.7	106,883.3	109,791.7	1,466.7	1,400.0
Maryland	5,550.1	5,791.7	5,433.4	5,708.4	116.7	83.3
Michigan	28,050.0	29,925.1	(D)	(D)	(D)	(D)
Minnesota	21,425.0	21,091.7	20,875.0	20,558.3	550.0	533.4
Mississippi	9,725.0	10,091.8	2,950.0	3,133.4	6,775.0	6,958.4
Missouri	24,466.7	19,950.0	(D)	(D)	(D)	(D)
Nebraska	19,141.6	16,116.6	19,141.6	15,808.3	-	308.3
New York	11,750.0	11,725.0	(D)	(D)	(D)	(D)
North Carolina	27,116.7	27,366.7	15,025.0	14,425.0	12,091.7	12,941.7
Ohio	66,633.3	63,141.6	(D)	(D)	(D)	(D)
Oregon	5,300.0	5,141.6	5,300.0	5,141.6	-	-
Pennsylvania	57,650.0	58,424.9	55,100.0	56,308.3	2,550.0	2,116.6
South Carolina	7,300.0	8,025.1	5,425.0	6,108.4	1,875.0	1,916.7
South Dakota	5,025.0	5,358.4	5,025.0	5,358.4	-	-
Texas	39,566.7	41,583.3	(D)	(D)	(D)	(D)
Utah	9,600.0	10,550.0	9,600.0	10,550.0	-	-
Virginia	5,633.3	4,925.0	2,983.3	2,375.0	2,650.0	2,550.0
Washington	13,700.0	14,266.7	(D)	(D)	(D)	(D)
Wisconsin	11,908.2	12,541.7	(D)	(D)	(D)	(D)
Other States ¹	61,516.7	60,100.1	50,258.3	49,074.9	11,258.4	11,025.2
United States	737,549.9	735,742.3	642,649.9	639,408.6	94,900.0	96,333.7

- 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	3.5	16.5	15.3
October	2.1	3.0	16.8	16.1
November	2.3	1.9	16.5	16.5
December	1.5		16.4	

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

State	Being molted				Molt completed			
	October 1		November 1		October 1		November 1	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	-	1.0	-	-	11.5	4.0	12.5	4.5
Arkansas	1.5	2.5	-	-	20.0	8.5	19.0	9.5
California	3.0	2.0	2.5	2.5	15.0	17.5	16.0	16.0
Colorado	1.0	-	1.0	-	14.0	10.0	13.0	11.0
Florida	7.0	8.5	7.0	2.5	72.0	68.0	75.0	70.0
Georgia	3.5	3.5	2.0	2.5	12.5	9.0	13.5	12.0
Illinois	-	-	10.0	4.0	4.5	12.0	4.5	10.5
Indiana	1.5	0.5	1.0	0.5	15.5	15.5	15.0	14.5
Iowa	1.0	5.0	2.0	3.5	11.5	20.5	10.0	23.5
Maryland	-	-	-	-	-	-	-	-
Michigan	2.5	-	1.5	-	6.0	6.0	5.5	6.0
Minnesota	1.5	4.0	0.5	4.5	17.0	7.5	13.5	10.0
Mississippi	1.5	1.5	1.5	-	26.0	13.5	24.0	12.0
Missouri	3.0	0.5	-	-	9.0	10.5	11.5	10.5
Nebraska	-	8.5	2.5	2.5	12.5	1.0	9.0	7.5
New York	-	-	1.0	-	4.5	4.5	2.5	4.0
North Carolina	3.0	3.0	-	-	14.0	12.5	15.0	15.0
Ohio	5.0	5.0	5.0	4.0	25.5	25.0	24.5	24.0
Oregon	-	-	-	-	23.5	4.5	21.0	4.5
Pennsylvania	0.5	0.5	5.0	1.5	1.0	5.5	1.0	2.5
South Carolina	2.5	-	1.0	-	20.5	13.5	24.5	7.5
South Dakota	2.0	4.0	2.0	-	14.0	7.5	10.5	10.5
Texas	4.5	4.0	3.0	2.0	49.0	38.5	51.0	36.0
Utah	1.0	-	1.0	-	30.5	26.0	26.0	18.5
Virginia	-	-	-	4.0	18.5	-	14.5	-
Washington	3.0	5.0	3.5	4.0	12.5	17.0	14.5	15.0
Wisconsin	2.0	11.0	-	1.5	17.0	17.5	12.5	25.0
Other States ¹	1.7	2.4	2.0	1.8	12.2	14.4	12.9	14.9
United States	2.1	3.0	2.3	1.9	16.8	16.1	16.5	16.5

- 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 November 1	41,090	44,940	109
Chicks hatched during October	43,344	50,979	118
Chicks hatched January through October	498,356	482,897	97
Pullets hatched during October for intended placements:			
Hatchery supply flocks	324	198	61
Cumulative potential placements 7-18 months earlier ¹	2,688	3,057	114
Broiler-type			
Eggs in incubators on November 1	631,509	649,869	103
Chicks hatched during October	779,476	793,980	102
Chicks hatched January through October	7,900,537	8,016,163	101
Pullets hatched during October for intended placements:			
Hatchery supply flocks	6,909	7,589	110
Cumulative potential placements 7-15 months earlier ²	68,512	68,440	100

¹ 2017 includes pullet chicks hatched April 2016 through March 2017.

² 2017 includes pullet chicks hatched July 2016 through March 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	October 1		2017 as percent of 2016	November 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	6,719	8,026	119	7,076	7,124	101
East North Central	6,616	5,990	91	7,704	5,893	76
West North Central	12,367	18,095	146	11,590	17,615	152
South Atlantic	4,734	4,926	104	4,629	4,303	93
South Central	4,309	4,858	113	4,847	5,260	109
West	5,234	4,367	83	5,244	4,745	90
United States	39,979	46,262	116	41,090	44,940	109

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	45,439	105	410,120	389,647	95
September	44,892	42,271	94	455,012	431,918	95
October	43,344	50,979	118	498,356	482,897	97
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	2,862
April	351	245	70	2,972	2,871
May	327	298	91	2,966	2,745
June	244	334	137	3,019	
July	286	316	110	2,963	
August	324	144	44	3,037	
September	181	190	105	3,028	
October	324	198	61	3,057	
November	270			2,951	
December	159			2,922	
Total	2,963				

¹ For October 2017, includes breeder pullet chicks hatched April 2016 through March 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	October 1		2017 as percent of 2016	November 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	12,956	15,129	117	14,108	15,253	108
East North Central	14,246	15,942	112	14,796	16,241	110
West North Central	29,025	29,373	101	28,637	27,979	98
South Atlantic	239,194	248,247	104	243,658	251,525	103
South Central	310,991	318,969	103	307,102	316,084	103
West	22,048	23,214	105	23,208	22,787	98
United States	628,460	650,874	104	631,509	649,869	103

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

State	During October			January-October		
	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	104,158	105,439	101	1,053,192	1,074,713	102
Arkansas	80,709	84,449	105	812,914	840,233	103
Delaware	16,371	17,442	107	173,308	175,710	101
Florida	4,500	4,320	96	44,060	41,365	94
Georgia	122,436	121,394	99	1,248,648	1,239,210	99
Kentucky	25,883	27,069	105	275,451	267,654	97
Louisiana	12,391	12,482	101	128,533	128,204	100
Maryland	29,867	29,514	99	289,723	294,404	102
Mississippi	65,007	64,878	100	664,053	654,710	99
Missouri	28,937	28,749	99	292,595	300,361	103
North Carolina	73,839	78,847	107	757,142	784,908	104
Oklahoma	26,707	26,946	101	254,312	267,936	105
Pennsylvania	16,232	16,912	104	166,404	169,866	102
South Carolina	19,217	20,404	106	198,341	200,809	101
Texas	57,640	56,705	98	567,321	579,876	102
Virginia	22,693	23,702	104	235,616	236,284	100
California, Tennessee, and West Virginia	43,492	41,531	95	437,422	429,494	98
19 States ¹	750,079	760,783	101	7,599,035	7,685,737	101
Other States ²	29,397	33,197	113	301,502	330,426	110
United States	779,476	793,980	102	7,900,537	8,016,163	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	799,283	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	832,975	103	6,349,124	6,433,981	101
September	771,937	788,202	102	7,121,061	7,222,183	101
October	779,476	793,980	102	7,900,537	8,016,163	101
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	70,200
May	8,083	8,159	101	70,377	70,626
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	8,240	108	68,678	
October	6,909	7,589	110	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	10,042	105		
October	8,522	9,605	113		
November	9,379				
December	9,459				
Annual total	113,508				

¹ For October 2017, includes breeder pullet chicks hatched July 2016 through March 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 1.6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 374 million layers by more than 1.6 percent. Chances are 9 out of 10 that the difference will not exceed 2.7 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) 1.6	(percent) 2.7	(1,000) 4,547	(1,000) 26	(1,000) 9,308	(number) 19	(number) 5
Eggs	1.7	2.8	(million) 109	(million) 0	(million) 277	20	4

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

Travis Averill, 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
Miste Salmon – Broiler Hatchery, Chicken Hatchery, Mink	(202) 720-3244
Vacant – Cost of Pollination, Honey, Honey Bee Colonies	(202) 690-3676

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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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