

Chickens and Eggs

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October Egg Production Up 10 Percent

United States egg production totaled 8.63 billion during October 2016, up 10 percent from last year. Production included 7.51 billion table eggs, and 1.13 billion hatching eggs, of which 1.04 billion were broiler-type and 84.7 million were egg-type. The total number of layers during October 2016 averaged 362 million, up 7 percent from last year. October egg production per 100 layers was 2,388 eggs, up 3 percent from October 2015.

All layers in the United States on November 1, 2016 totaled 362 million, up 6 percent from last year. The 362 million layers consisted of 305 million layers producing table or market type eggs, 53.3 million layers producing broiler-type hatching eggs, and 3.37 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2016, averaged 77.2 eggs per 100 layers, up 3 percent from November 1, 2015.

Egg-Type Chicks Hatched Down 12 Percent

Egg-type chicks hatched during October 2016 totaled 44.1 million, down 12 percent from October 2015. Eggs in incubators totaled 41.7 million on November 1, 2016, down 11 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 324 thousand during October 2016, down 2 percent from October 2015.

Broiler-Type Chicks Hatched Up 3 Percent

Broiler-type chicks hatched during October 2016 totaled 778 million, up 3 percent from October 2015. Eggs in incubators totaled 630 million on November 1, 2016, up 4 percent from a year ago.

Leading breeders placed 6.91 million broiler-type pullet chicks for future domestic hatchery supply flocks during October 2016, up 1 percent from October 2015.

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Average Number of All Layers on Hand During the Month - United States: 2015-2016

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

Month	2015	2016
	(1,000 layers)	(1,000 layers)
December ¹	369,521	347,847
January	366,702 365,440	351,297 357,103
February March	365,951	357,103 361,243
April	361,956	361,126
May	345,342	360,621
June	332,622	359,284
July	333,250	357,644
August	334,491	358,512
September	336,610	360,431
October	339,431	361,556
November	343,469	

¹ December preceding year.

Egg Production During the Month by Type - United States: 2015-2016

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

Month	Total	eggs	Table eggs		Hatching eggs	
MOHIH	2015	2016	2015	2016	2015	2016
	(million eggs)					
December ¹	8,823.7	8,116.8	7,726.5	6,985.4	1,097.2	1,131.4
January	8,611.6	8,152.4	7,503.1	7,018.9	1,108.5	1,133.5
February	7,685.7	7,818.4	6,684.7	6,755.6	1,001.0	1,062.8
March	8,634.0	8,495.5	7,515.2	7,356.8	1,118.8	1,138.7
April	8,294.0	8,206.5	7,198.5	7,095.5	1,095.5	1,111.0
May	8,075.9	8,509.4	6,936.4	7,355.4	1,139.5	1,154.0
June	7,508.6	8,208.4	6,400.8	7,098.7	1,107.8	1,109.7
July	7,774.5	8,497.5	6,629.2	7,350.5	1,145.3	1,147.0
August	7,798.2	8,551.7	6,655.4	7,409.0	1,142.8	1,142.7
September	7,562.3	8,297.5	6,465.1	7,204.2	1,097.2	1,093.3
October	7,871.7	8,632.3	6,743.1	7,505.6	1,128.6	1,126.7
November	7,762.9		6,670.5		1,092.4	

¹ December preceding year.

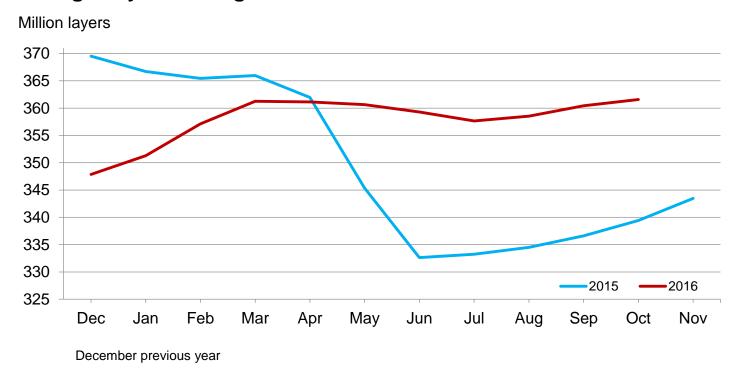
Egg Production During the Month in Dozens by Type - United States: 2015-2016

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

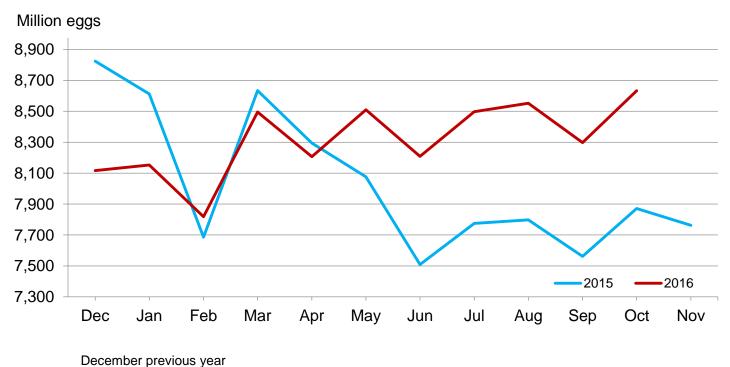
Month	Total eggs		Table	Table eggs		Hatching eggs	
MOHH	2015	2016	2015	2016	2015	2016	
	(1,000 dozen eggs)						
December 1	735,308.0	676,400.6	643,874.7	582,117.1	91,433.3	94,283.5	
January	717,633.8	679,366.9	625,258.7	584,908.6	92,375.1	94,458.3	
February	640,475.0	651,533.4	557,058.6	562,966.9	83,416.4	88,566.5	
March	719,500.3	707,958.2	626,266.9	613,066.4	93,233.4	94,891.8	
April	691,166.9	683,875.0	599,875.3	591,291.7	91,291.6	92,583.3	
May	672,991.4	709,116.9	578,033.2	612,950.1	94,958.2	96,166.8	
June	625,716.8	684,033.6	533,400.2	591,558.6	92,316.6	92,475.0	
July	647,875.3	708,125.4	552,433.7	612,541.9	95,441.6	95,583.5	
August	649,850.4	712,641.5	554,617.0	617,416.8	95,233.4	95,224.7	
September	630,191.8	691,459.1	538,758.6	600,350.8	91,433.2	91,108.3	
October	655,975.0	719,358.1	561,924.9	625,466.5	94,050.1	93,891.6	
November	646,908.4		555,875.1		91,033.3		

¹ December preceding year.

Average Layers During the Month – United States



All Egg Production During the Month – United States



Layers on Hand and Eggs Produced by Type and Molt – United States: September-October 2015 and 2016

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during September			,
All layers	336,610	360,431	107
Table egg type	278,923	303,270	109
Hatching egg type	57,687	57,161	99
Broiler-type hatching	54,436	53,571	98
Egg-type hatching	3,251	3,590	110
Eggs per 100 layers during September			
All layersnumber	2,247	2,302	102
Table egg typenumber	2,318	2,376	103
Hatching egg type number	1,902	1,913	101
Broiler-type hatchingnumber	1,870	1,881	101
Egg-type hatching number	2,430	2,387	98
Eggs produced during September			
All layers million	7,562.3	8,297.5	110
Table egg type million	6,465.1	7,204.2	111
Hatching egg type million	1,097.2	1,093.3	100
Broiler-type hatching million	1,018.2	1.007.6	99
Egg-type hatching million	79.0	85.7	108
Eggs produced during September			
All layers	630,191.8	691,459.1	110
Table egg type1,000 dozen	538,758.6	600,350.8	111
Hatching egg type	91,433.2	91,108.3	100
Broiler-type hatching	84,850.0	83.966.6	99
Egg-type hatching	6,583.2	7,141.7	108
Layers on October 1			
Áll layers	338,273	361,063	107
Table egg type	280,696	304,043	108
Hatching egg type	57,577	57,020	99
Broiler-type hatching	54,288	53,540	99
Egg-type hatching	3,289	3,480	106
Eggs per 100 layers on October 1			
All layers number	74.5	76.8	103
Table egg typenumber	76.8	79.2	103
Hatching egg type number	63.1	63.6	101
Broiler-type hatchingnumber	62.1	62.5	101
Egg-type hatchingnumber	79.4	79.4	100
Molted layers on October 1			
Being moltedpercent	3.4	2.1	62
Molt completedpercent	20.5	16.7	81
Layers sold for slaughter during September	14,291.6	16,074.3	112
Layers rendered, died, destroyed, composted			
or disappeared for any reason during September	5,943.7	7,457.7	125
Pullets on October 1	113,241	113,107	100
Pullets added during September ¹	27,069.9	25,627.4	95
1 Dullet objete less then 2 deve and added to millet fleele	•		

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 2015 and 2016

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during October			
All layers1,000	339,431	361,556	107
Table egg type	281,677	304,699	108
Hatching egg type1,000		56,857	98
Broiler-type hatching1,000		53,429	98
Egg-type hatching1,000	_ · · · · · · · · · · · · · · · · · · ·	3,428	101
Eggs per 100 layers during October			
All layersnumbe	2,319	2,388	103
Table egg typenumbe	2,394	2,463	103
Hatching egg typenumbe	1,954	1,982	101
Broiler-type hatchingnumber	1,925	1,950	101
Egg-type hatchingnumbe	2,426	2,471	102
Eggs produced during October			
All layersmillior	7,871.7	8,632.3	110
Table egg typemillior	6,743.1	7,505.6	111
Hatching egg typemillior	1,128.6	1,126.7	100
Broiler-type hatchingmillior	1,046.4	1,042.0	100
Egg-type hatchingmillior		84.7	103
Eggs produced during October			
All layers	655,975.0	719,358.1	110
Table egg type	561,924.9	625,466.5	111
Hatching egg type	94,050.1	93,891.6	100
Broiler-type hatching	87,200.2	86,833.3	100
Egg-type hatching	6,849.9	7,058.3	103
Layers on November 1			
All layers		362,021	106
Table egg type1,000	282,642	305,341	108
Hatching egg type1,000	57,912	56,680	98
Broiler-type hatching1,000	54,434	53,311	98
Egg-type hatching	3,478	3,369	97
Eggs per 100 layers on November 1			
All layersnumbe	75.1	77.2	103
Table egg typenumbe	77.5	79.6	103
Hatching egg typenumbe	62.9	64.2	102
Broiler-type hatchingnumbe	62.0	63.2	102
Egg-type hatchingnumbe	77.2	79.8	103
Molted layers on November 1			
Being moltedpercen		2.0	59
Molt completedpercen	21.3	16.4	77
Layers sold for slaughter during October	14,639.0	15,800.9	108
Layers rendered, died, destroyed, composted			_
or disappeared for any reason during October	4,986.8	8,175.3	164
Pullets on November 1	116,064	110,667	95
Pullets added during October ¹	26,279.3	24,366.9	93

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

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

State	Table egg layers in flocks 30,000 and above		All layers		Eggs pe all la	
	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,542	1,536	9,650	9,057	1,938	1,915
Arkansas	4,018	3,690	13,519	13,370	1,968	2,013
California	11,396	11,240	11,914	11,760	2,293	2,402
Colorado	4,217	4,207	4,672	4,641	2,369	2,353
Florida	8,557	7,866	8,965	8,288	2,189	2,242
Georgia	9,963	9,225	18,848	18,137	2,126	2,114
Illinois	4,426	4,600	4,903	5,064	2,382	2,494
Indiana	28,529	27,613	29,508	28,581	2,295	2,412
lowa	33,058	51,909	34,196	53,244	2,160	2,367
Maryland	2,408	2,526	2,576	2,688	2,418	2,403
Michigan	12,554	12,986	12,771	13,224	2,487	2,337
Minnesota	8,791	10,138	9,249	10,598	2,194	2,299
Mississippi	1,534	1,415	5,627	5,480	2,015	2,066
Missouri	7,553	8,000	11,066	11,581	2,199	2,349
Nebraska	5,611	9,073	5,719	9,181	2,476	2,469
New York	4,938	5,212	5,289	5,570	2,437	2,476
North Carolina	6,711	7,077	14,394	14,540	2,088	2,087
Ohio	31,829	30,639	32,681	31,491	2,340	2,381
Oregon	2,298	2,191	2,437	2,330	2,519	2,438
Pennsylvania	24,019	24,513	25,905	26,691	2,437	2,499
South Carolina	2,960	2,806	4,212	4,005	2,244	2,107
South Dakota	1,404	2,376	1,546	2,518	2,329	2,260
Texas	15,644	16,178	19,635	19,939	2,142	2,216
Utah	4,323	4,559	4,361	4,597	2,305	2,243
Virginia	1,168	1,210	2,891	2,959	2,186	2,251
Washington	6,846	6,660	7,012	6,825	2,467	2,374
Wisconsin	3,977	5,286	4,714	5,973	2,329	2,334
Other States ¹	19,122	19,025	28,350	28,099	2,223	2,206
United States	269,396	293,756	336,610	360,431	2,247	2,302

¹ Includes data for States not published in this table.

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

State	Table egg flocks 30,00		All la	ayers	Eggs pe all la	
	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,544	1,537	9,588	8,978	1,996	1,983
Arkansas	3,893	3,737	13,411	13,338	2,022	2,104
California	11,680	10,979	12,194	11,498	2,336	2,527
Colorado	4,224	4,250	4,713	4,696	2,463	2,511
Florida	8,728	7,917	9,126	8,317	2,204	2,334
Georgia	9,917	9,417	18,893	18,454	2,211	2,156
Illinois	4,562	4,413	5,033	4,868	2,537	2,662
Indiana	29,136	27,668	30,125	28,650	2,432	2,503
lowa	33,627	52,456	34,741	53,708	2,185	2,421
Maryland	2,310	2,520	2,483	2,691	2,449	2,475
Michigan	12,625	13,538	12,843	13,776	2,579	2,411
Minnesota	8,844	10,363	9,302	10,822	2,367	2,376
Mississippi	1,524	1,353	5,688	5,459	2,053	2,138
Missouri	7,354	7,908	10,911	11,527	2,391	2,540
Nebraska	5,828	8,850	5,936	8,958	2,460	2,564
New York	5,072	5,096	5,426	5,455	2,518	2,572
North Carolina	6,829	7,276	14,438	14,780	2,146	2,202
Ohio	32,061	30,364	32,911	31,211	2,417	2,460
Oregon	2,257	2,300	2,396	2,439	2,604	2,608
Pennsylvania	23,827	25,025	25,830	27,113	2,513	2,552
South Carolina	3,103	2,680	4,341	3,856	2,297	2,272
South Dakota	1,399	2,474	1,541	2,616	2,310	2,305
Texas	15,728	16,303	19,658	20,040	2,172	2,311
Utah	4,454	4,712	4,492	4,750	2,248	2,389
Virginia	1,253	1,203	2,946	2,867	2,346	2,358
Washington	7,031	6,688	7,196	6,853	2,501	2,399
Wisconsin	4,267	5,128	5,004	5,817	2,420	2,457
Other States ¹	19,073	19,030	28,265	28,019	2,289	2,295
United States	272,150	295,185	339,431	361,556	2,319	2,388

¹ Includes data for States not published in this table.

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

State	Total pro	duction	Table	eggs	Hatching eggs	
State	2015	2016	2015	2016	2015	2016
	(million eggs)					
Alabama	187.0	173.4	39.6	38.6	147.4	134.8
Arkansas	266.1	269.1	97.8	92.4	168.3	176.7
California	273.2	282.5	(D)	(D)	(D)	(D)
Colorado	110.7	109.2	(D)	(D)	(D)	(D)
Florida	196.2	185.8	191.2	180.3	5.0	5.5
Georgia	400.7	383.5	229.8	212.3	170.9	171.2
Illinois	116.8	126.3	112.1	121.8	4.7	4.5
Indiana	677.3	689.3	658.2	670.7	19.1	18.6
lowa	738.8	1,260.2	723.8	1,241.0	15.0	19.2
Maryland	62.3	64.6	60.9	63.4	1.4	1.2
Michigan	317.6	309.0	(D)	(D)	(D)	(D)
Minnesota	202.9	243.7	196.5	237.6	6.4	6.1
Mississippi	113.4	113.2	36.3	34.8	77.1	78.4
Missouri	243.3	272.0	(D)	(D)	(D)	(D)
Nebraska	141.6	226.7	141.6	226.7	-	-
New York	128.9	137.9	(D)	(D)	(D)	(D)
North Carolina	300.5	303.5	157.5	165.5	143.0	138.0
Ohio	764.6	749.8	(D)	(D)	(D)	(D)
Oregon	61.4	56.8	6Ì.4	5 6 .8	-	-
Pennsylvania	631.3	666.9	605.2	635.4	26.1	31.5
South Carolina	94.5	84.4	71.7	62.0	22.8	22.4
South Dakota	36.0	56.9	36.0	56.9	-	-
Texas	420.6	441.9	(D)	(D)	(D)	(D)
Utah	100.5	103.1	10Ò.Ś	103.1	-	-
Virginia	63.2	66.6	32.2	35.0	31.0	31.6
Washington	173.0	162.0	(D)	(D)	(D)	(D)
Wisconsin	109.8	139.4	(D)	(D)	(D)	(D)
Other States ¹	630.1	619.8	491.9	486.1	138.2	133.7
United States	7,562.3	8,297.5	6,465.1	7,204.2	1,097.2	1,093.3

Represents zero.
 (D) Withheld to avoid disclosing data for individual operations.
 Not published separately to avoid disclosing individual operations.

Egg Production by Type - States and United States: October 2015 and 2016

Ctoto	Total pro	duction	Table	eggs	Hatching eggs	
State	2015	2016	2015	2016	2015	2016
	(million eggs)					
Alabama	191.4	178.0	40.3	40.2	151.1	137.8
Arkansas	271.2	280.6	98.9	95.2	172.3	185.4
California	284.9	290.6	(D)	(D)	(D)	(D)
Colorado	116.1	117.9	(D)	(D)	(D)	(D)
Florida	201.1	194.1	196.3	189.2	4.8	4.9
Georgia	417.7	397.8	239.1	220.4	178.6	177.4
Illinois	127.7	129.6	123.0	125.1	4.7	4.5
Indiana	732.5	717.2	712.7	697.9	19.8	19.3
lowa	759.1	1,300.2	744.7	1,282.6	14.4	17.6
Maryland	60.8	66.6	59.3	65.2	1.5	1.4
Michigan	331.2	332.1	(D)	(D)	(D)	(D)
Minnesota	220.2	257.1	213.5	250.5	6.7	6.6
Mississippi	116.8	116.7	35.9	35.4	80.9	81.3
Missouri	260.9	292.8	(D)	(D)	(D)	(D)
Nebraska	146.0	229.7	146.0	229.7	-	· · ·
New York	136.6	140.3	(D)	(D)	(D)	(D)
North Carolina	309.9	325.4	164.2	180.3	145.7	145.1
Ohio	795.6	767.9	(D)	(D)	(D)	(D)
Oregon	62.4	63.6	62.4	63.6	` -	` -
Pennsylvania	649.1	691.8	621.3	661.2	27.8	30.6
South Carolina	99.7	87.6	76.1	65.1	23.6	22.5
South Dakota	35.6	60.3	35.6	60.3	-	-
Texas	427.0	463.1	(D)	(D)	(D)	(D)
Utah	101.0	113.5	101.0	113.5	` -	` -
Virginia	69.1	67.6	37.8	35.8	31.3	31.8
Washington	180.0	164.4	(D)	(D)	(D)	(D)
Wisconsin	121.1	142.9	(D)	(D)	(D)	(D)
Other States ¹	647.0	642.9	505.6	507.2	141.4	135.7
United States	7,871.7	8,632.3	6,743.1	7,505.6	1,128.6	1,126.7

Represents zero.
 (D) Withheld to avoid disclosing data for individual operations.
 Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type - States and United States: September 2015 and 2016

State	Total pr	oduction	Table	eggs	Hatching eggs	
State	2015	2016	2015	2016	2015	2016
	(1,000 dozen eggs)					
Alabama	15,583.3	14,450.0	3,300.0	3,216.7	12,283.3	11,233.3
Arkansas	22,175.0	22,425.0	8,150.0	7,700.0	14,025.0	14,725.0
California	22,766.7	23,541.7	(D)	(D)	(D)	(D)
Colorado	9,225.1	9,100.0	(D)	(D)	(D)	(D)
Florida	16,350.0	15,483.3	15,933.3	15,025.0	416.7	458.3
Georgia	33,391.7	31,958.4	19,150.0	17,691.7	14,241.7	14,266.7
Illinois	9,733.4	10,525.0	9,341.7	10,150.0	391.7	375.0
Indiana	56,441.6	57,441.7	54,850.0	55,891.7	1,591.6	1,550.0
lowa	61,566.7	105,016.7	60,316.7	103,416.7	1,250.0	1,600.0
Maryland	5,191.6	5,383.3	5,075.0	5,283.3	116.6	100.0
Michigan	26,466.7	25,750.1	(D)	(D)	(D)	(D)
Minnesota	16,908.3	20,308.3	16,375.0	19,800.0	533.3	508.3
Mississippi	9,450.0	9,433.3	3,025.0	2,900.0	6,425.0	6,533.3
Missouri	20,275.0	22,666.8	(D)	(D)	(D)	(D)
Nebraska	11,800.0	18,891.7	11,800.0	18,891.7	=	-
New York	10,741.6	11,491.7	(D)	(D)	(D)	(D)
North Carolina	25,041.7	25,291.7	13,125.0	13,791.7	11,916.7	11,500.0
Ohio	63,716.6	62,483.4	(D)	(D)	(D)	(D)
Oregon	5,116.7	4,733.3	5,116.7	4,733.3	-	-
Pennsylvania	52,608.3	55,575.0	50,433.3	52,950.0	2,175.0	2,625.0
South Carolina	7,875.0	7,033.4	5,975.0	5,166.7	1,900.0	1,866.7
South Dakota	3,000.0	4,741.7	3,000.0	4,741.7	-	-
Texas	35,050.0	36,825.0	(D)	(D)	(D)	(D)
Utah	8,375.0	8,591.7	8,375.0	8,591.7	-	-
Virginia	5,266.6	5,550.0	2,683.3	2,916.7	2,583.3	2,633.3
Washington	14,416.6	13,500.0	(D)	(D)	(D)	(D)
Wisconsin	9,150.0	11,616.7	(D)	(D)	(D)	(D)
Other States ¹	52,508.6	51,650.2	40,991.9	40,508.6	11,516.7	11,141.6
United States	630,191.8	691,459.1	538,758.6	600,350.8	91,433.2	91,108.3

Represents zero.
 (D) Withheld to avoid disclosing data for individual operations.
 Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type - States and United States: October 2015 and 2016

State	Total pr	oduction	Table	eggs	Hatching eggs	
State	2015	2016	2015	2016	2015	2016
	(1,000 dozen eggs)					
Alabama	15,950.0	14,833.3	3,358.3	3,350.0	12,591.7	11,483.3
Arkansas	22,600.0	23,383.3	8,241.7	7,933.3	14,358.3	15,450.0
California	23,741.7	24,216.7	(D)	(D)	(D)	(D)
Colorado	9,675.0	9,825.0	(D)	(D)	(D)	(D)
Florida	16,758.3	16,175.0	16,358.3	15,766.7	400.0	408.3
Georgia	34,808.3	33,150.0	19,925.0	18,366.7	14,883.3	14,783.3
Illinois	10,641.7	10,800.0	10,250.0	10,425.0	391.7	375.0
Indiana	61,041.6	59,766.6	59,391.6	58,158.3	1,650.0	1,608.3
lowa	63,258.3	108,350.0	62,058.3	106,883.3	1,200.0	1,466.7
Maryland	5,066.7	5,550.1	4,941.7	5,433.4	125.0	116.7
Michigan	27,599.9	27,675.0	(D)	(D)	(D)	(D)
Minnesota	18,350.1	21,425.0	17,791.7	20,875.0	558.4	550.0
Mississippi	9,733.2	9,725.0	2,991.6	2,950.0	6,741.6	6,775.0
Missouri	21,741.6	24,400.0	(D)	(D)	(D)	(D)
Nebraska	12,166.7	19,141.6	12,166.7	19,141.6	-	-
New York	11,383.4	11,691.6	(D)	(D)	(D)	(D)
North Carolina	25,825.0	27,116.7	13,683.3	15,025.0	12,141.7	12,091.7
Ohio	66,299.9	63,991.6	(D)	(D)	(D)	(D)
Oregon	5,200.0	5,300.0	5,200.0	5,300.0	-	-
Pennsylvania	54,091.7	57,650.0	51,775.0	55,100.0	2,316.7	2,550.0
South Carolina	8,308.4	7,300.0	6,341.7	5,425.0	1,966.7	1,875.0
South Dakota	2,966.7	5,025.0	2,966.7	5,025.0	-	-
Texas	35,583.3	38,591.7	(D)	(D)	(D)	(D)
Utah	8,416.7	9,458.3	8,416.7	9,458.3	-	` -
Virginia	5,758.4	5,633.3	3,150.0	2,983.3	2,608.4	2,650.0
Washington	15,000.0	13,700.0	(D)	(D)	(D)	(D)
Wisconsin	10,091.6	11,908.2	(D)	(D)	(D)	(D)
Other States ¹	53,916.8	53,575.1	42,133.4	42,266.7	11,783.4	11,308.4
United States	655,975.0	719,358.1	561,924.9	625,466.5	94,050.1	93,891.6

Represents zero.
 (D) Withheld to avoid disclosing data for individual operations.
 Not published separately to avoid disclosing individual operations.

Molted as Percent of All Layers by Month - United States: 2015-2016

[As of the first of the month]

Month	Being ı	molted	Molt completed		
WOTH	2015	2016	2015	2016	
	(percent)	(percent)	(percent)	(percent)	
January	2.1	2.5	17.7	21.3	
February	3.3	2.9	17.5	20.5	
March	1.9	1.5	18.5	20.7	
April	2.1	2.9	17.7	19.2	
May	3.1	2.8	17.5	18.7	
June	2.4	2.9	17.2	18.2	
July	3.0	2.5	18.2	17.7	
August	2.7	2.6	19.2	17.4	
September	3.4	2.6	19.7	16.5	
October	3.4	2.1	20.5	16.7	
November	3.4	2.0	21.3	16.4	
December	1.8		21.9		

Molted as Percent of All Layers - States and United States: November 1, 2015 and 2016

[As of the first of the month]

Charles	Being r	molted	Molt completed		
State	2015	2016	2015	2016	
	(percent)	(percent)	(percent)	(percent)	
Alabama	2.5	-	8.0	12.5	
Arkansas	3.5	-	16.5	19.0	
California	3.5	2.5	18.5	16.0	
Colorado	3.5	1.0	18.5	13.0	
Florida	11.0	7.0	60.5	75.0	
Georgia	2.0	2.0	17.5	13.5	
Illinois	4.0	-	25.0	4.5	
Indiana	2.0	1.0	26.0	15.0	
lowa	6.0	2.0	34.5	10.0	
Maryland	-	-	-	-	
Michigan	0.5	1.5	8.5	5.5	
Minnesota	1.0	0.5	18.0	13.5	
Mississippi	4.5	1.5	19.5	24.0	
Missouri	1.5	-	16.0	11.5	
Nebraska	7.5	-	11.0	9.0	
New York	1.5	1.0	3.5	2.5	
North Carolina	2.5	-	17.5	15.0	
Ohio	5.0	5.0	20.0	25.5	
Oregon	0.5	-	17.0	8.5	
Pennsylvania	0.5	5.0	7.0	1.0	
South Carolina	-	1.0	12.5	24.5	
South Dakota	5.0	2.0	13.0	10.5	
Texas	7.5	3.0	47.0	52.0	
Utah	4.0	1.0	37.0	29.0	
Virginia	-	-	19.5	14.5	
Washington	2.5	3.5	26.5	14.5	
Wisconsin	-	-	26.5	12.5	
Other States ¹	2.4	1.3	10.0	10.7	
United States	3.4	2.0	21.3	16.4	

⁻ Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production - United States: 2015 and 2016

Item	2015	2016	2016 as percent of 2015
	(1,000)	(1,000)	(percent)
Egg-type Eggs in incubators on November 1 Chicks hatched during October Chicks hatched January through October Pullets hatched during October for intended placements:	47,072	41,682	89
	50,194	44,071	88
	473,055	497,424	105
Hatchery supply flocks	330	324	98
	3,251	2,688	83
Broiler-type			
Eggs in incubators on November 1 Chicks hatched during October Chicks hatched January through October	607,618	630,232	104
	755,076	777,934	103
	7,787,312	7,897,497	101
Pullets hatched during October for intended placements: Hatchery supply flocks Cumulative potential placements 7-15 months earlier ²	6,863	6,909	101
	64,106	68,512	107

¹ 2016 includes pullet chicks hatched April 2015 through March 2016. ² 2016 includes pullet chicks hatched July 2015 through March 2016.

Egg-Type Eggs in Incubators on the First of the Month - Regions and United States: 2015-2016

[See regional listing on page 21]

Region	Octo	ber 1	2016 as	Noven	2016 as	
	2015	2016	percent of 2015	2015	2016	percent of 2015
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	8,349 9,415 13,121 5,259 7,456 6,048	7,219 6,766 12,414 4,734 4,309 5,234	86 72 95 90 58 87	8,800 9,287 12,229 4,596 6,102 6,058	7,576 7,804 11,582 4,629 4,847 5,244	86 84 95 101 79 87
United States	49,648	40,676	82	47,072	41,682	89

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

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

		By months		Cumulative			
Month	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			518,903			
December	46,695			565,598			

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	01 2015	2016	2017	
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	
January February March April May June July August September October November December	270 309 346 219 235 320 267 166 222 330 217 215	148 189 160 240 327 244 286 324 181 324	55 61 46 110 139 76 107 195 82 98	3,386 3,378 3,293 3,121 3,082 3,149 3,116 2,994 2,874 2,688 2,709 2,801	2,725 2,744 2,902 2,861 2,855	
Total	3,116					

¹ For October 2016, includes breeder pullet chicks hatched April 2015 through March 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: 2015-2016

[See regional listing on page 21]

Region	Octob	per 1	2016 as	Noven	2016 as	
	2015	2016	percent of 2015	2015	2016	percent of 2015
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	13,364 13,791 29,352 235,030 296,835 19,788	12,956 14,246 29,025 239,194 310,991 21,421	97 103 99 102 105 108	13,169 13,793 28,639 236,225 294,393 21,399	14,049 14,796 28,454 243,469 307,054 22,410	107 107 99 103 104 105
United States	608,160	627,833	103	607,618	630,232	104

Broiler-Type Chicks Hatched - States and United States: October 2015 and 2016

	During October			January-October			
State	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 Arkansas Delaware Florida Georgia Kentucky Louisiana Maryland Mississispi Missouri	104,615 79,154 18,048 4,250 118,720 27,000 13,590 28,118 61,536 29,702	104,034 80,714 16,371 4,500 122,463 25,883 12,391 29,867 65,007 28,937	99 102 91 106 103 96 91 106 106	1,056,545 789,108 174,610 43,367 1,218,684 283,086 139,068 283,562 647,403 298,012	1,052,991 812,919 173,308 44,060 1,248,647 275,451 128,533 289,723 664,053 292,595	100 103 99 102 102 97 92 102 103 98	
North Carolina	70,510 21,139	73,839 26,707 16,238 19,224 57,640 22,693 41,981	105 126 98 97 113 98	758,239 234,137 163,250 193,049 547,343 235,263 431,602	757,142 254,312 166,410 198,244 567,321 235,616 434,622	100 109 102 103 104 100	
19 States ¹	726,644	748,489	103	7,496,328	7,595,947	101	
Other States ²	28,432	29,445	104	290,984	301,550	104	
United States	755,076	777,934	103	7,787,312	7,897,497	101	

Broiler-Type Chicks Hatched by Month - United States: 2015-2016

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

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		By months		Cumulative			
Month	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 February March April May June July August September October November December	792,030 711,289 791,428 773,353 809,844 787,930 805,512 799,162 761,688 755,076 732,518 798,157	799,420 748,650 804,128 780,779 807,648 789,420 810,395 808,453 770,670 777,934	101 105 102 101 100 100 101 101 101 103	792,030 1,503,319 2,294,747 3,068,100 3,877,944 4,665,874 5,471,386 6,270,548 7,032,236 7,787,312 8,519,830 9,317,987	799,420 1,548,070 2,352,198 3,132,977 3,940,625 4,730,045 5,540,440 6,348,893 7,119,563 7,897,497	101 103 103 102 102 101 101 101 101	

¹ States in the weekly hatchery production estimating program.
² Not published separately to avoid disclosing data for individual operations.

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 chick	s hatched	2016 as percent	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹		
	2015	2016	of 2015	2016	2017	
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(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		
July	7,428	7,730	104	67,871		
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			68,699		
December	7,544			68,875		
Annual total	89,867					
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					
December	9,321					
Annual total	111,986					

¹ For October 2016, includes breeder pullet chicks hatched July 2015 through March 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 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 362 million layers by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 percent.

Reliability of Layer and Egg Estimates

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

		90 percent	Difference between first and latest estimate					
Item	Root mean square error	confidence	Averege	Smallest	Lorgost	Mor	nths	
	Square error	level	Average	Silialiesi	Largest	Below latest	Above latest	
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)	
All layers	1.1	1.9	2,938	2	8,383	22	2	
			(million)	(million)	(million)			
Eggs	1.2	2.0	76	0	208	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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Heidi Gleich – Broiler Hatchery, Chicken Hatchery, Mink	(202) 720-0585
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