



Chickens and Eggs

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April Egg Production Down 1 Percent

United States egg production totaled 8.21 billion during April 2016, down 1 percent from last year. Production included 7.10 billion table eggs, and 1.11 billion hatching eggs, of which 1.02 billion were broiler-type and 93 million were egg-type. The total number of layers during April 2016 averaged 361 million, down slightly from last year. April egg production per 100 layers was 2,273 eggs, down 1 percent from April 2015.

All layers in the United States on May 1, 2016 totaled 361 million, up 1 percent from last year. The 361 million layers consisted of 302 million layers producing table or market type eggs, 54.8 million layers producing broiler-type hatching eggs, and 3.95 million layers producing egg-type hatching eggs. Rate of lay per day on May 1, 2016, averaged 76.0 eggs per 100 layers, up slightly from May 1, 2015.

Egg-Type Chicks Hatched Down 2 Percent

Egg-type chicks hatched during April 2016 totaled 49.4 million, down 2 percent from April 2015. Eggs in incubators totaled 52.5 million on May 1, 2016, up 8 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 240 thousand during April 2016, up 10 percent from April 2015.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during April 2016 totaled 781 million, up 1 percent from April 2015. Eggs in incubators totaled 650 million on May 1, 2016, down slightly from a year ago.

Leading breeders placed 7.77 million broiler-type pullet chicks for future domestic hatchery supply flocks during April 2016, up 11 percent from April 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		351,297
February		365,440		357,128
March		365,951		361,243
April		361,956		361,128
May		345,342		
June		332,622		
July		333,250		
August		334,491		
September		336,610		
October		339,431		
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	
	2015	2016	2015	2016	2015	2016
	(million eggs)					
December ¹	8,829	8,119	7,731	6,986	1,098	1,133
January	8,613	8,161	7,504	7,024	1,109	1,137
February	7,688	7,825	6,685	6,759	1,004	1,066
March	8,635	8,502	7,517	7,363	1,118	1,139
April	8,294	8,208	7,198	7,096	1,096	1,112
May	8,083		6,942		1,141	
June	7,512		6,402		1,110	
July	7,778		6,630		1,148	
August	7,802		6,656		1,146	
September	7,565		6,467		1,098	
October	7,874		6,744		1,130	
November	7,764		6,673		1,091	
During year	96,437		83,147		13,289	

¹ December preceding year.

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

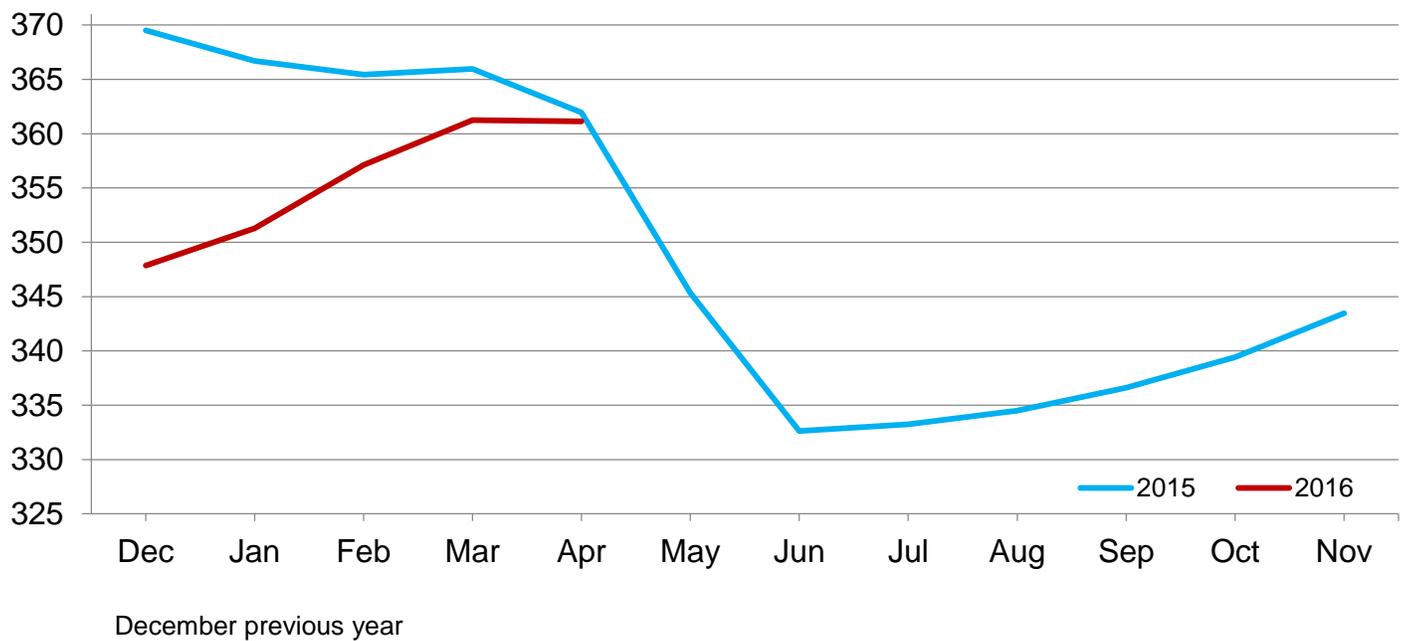
[Totals may not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2015	2016	2015	2016	2015	2016
	(1,000 dozen eggs)					
December ¹	735,299	676,404	643,875	582,119	91,424	94,285
January	717,637	679,329	625,260	584,911	92,377	94,418
February	640,473	651,565	557,059	562,967	83,414	88,598
March	719,504	707,961	626,271	613,068	93,233	94,893
April	691,169	683,967	599,877	591,425	91,292	92,542
May	672,993		578,035		94,958	
June	625,716		533,401		92,315	
July	647,879		552,437		95,442	
August	649,852		554,618		95,234	
September	630,194		538,759		91,435	
October	655,981		561,930		94,051	
November	646,905		555,873		91,032	
During year	8,033,602		6,927,395		1,106,207	

¹ December preceding year.

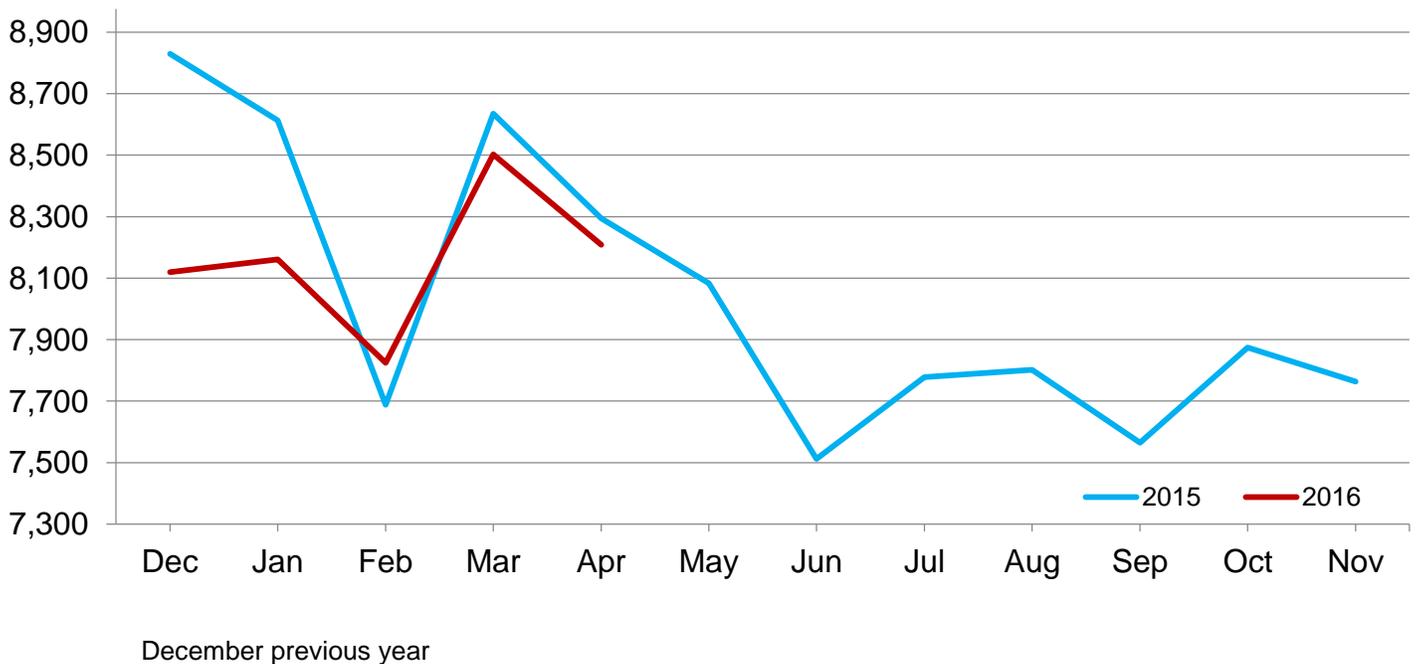
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



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

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during March			
All layers1,000	365,951	361,243	99
Table egg type1,000	308,050	302,464	98
Hatching egg type1,000	57,901	58,779	102
Broiler-type hatching1,000	54,375	55,097	101
Egg-type hatching1,000	3,526	3,682	104
Eggs per 100 layers during March			
All layers number	2,360	2,354	100
Table egg type number	2,440	2,434	100
Hatching egg type number	1,931	1,938	100
Broiler-type hatching number	1,891	1,902	101
Egg-type hatching number	2,552	2,471	97
Eggs produced during March			
All layers million	8,635	8,502	98
Table egg type million	7,517	7,363	98
Hatching egg type million	1,118	1,139	102
Broiler-type hatching million	1,028	1,048	102
Egg-type hatching million	90	91	101
Eggs produced during March			
All layers1,000 dozen	719,504	707,961	98
Table egg type1,000 dozen	626,271	613,068	98
Hatching egg type1,000 dozen	93,233	94,893	102
Broiler-type hatching1,000 dozen	85,691	87,301	102
Egg-type hatching1,000 dozen	7,542	7,592	101
Layers on April 1			
All layers1,000	366,022	361,513	99
Table egg type1,000	307,585	302,816	98
Hatching egg type1,000	58,437	58,697	100
Broiler-type hatching1,000	54,913	54,954	100
Egg-type hatching1,000	3,524	3,743	106
Eggs per 100 layers on April 1			
All layers number	76.9	75.5	98
Table egg type number	79.6	78.0	98
Hatching egg type number	62.3	62.4	100
Broiler-type hatching number	61.0	61.3	100
Egg-type hatching number	83.6	78.4	94
Molted layers on April 1			
Being moltedpercent	2.1	2.9	138
Molt completedpercent	17.7	19.2	108
Layers sold for slaughter during March1,000	17,259	18,023	104
Layers rendered, died, destroyed, composted or disappeared for any reason during March1,000	7,762	7,921	102
Pullets on April 11,000	109,386	117,033	107
Pullets added during March ¹1,000	25,780	25,676	100

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

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

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during April			
All layers 1,000	361,956	361,128	100
Table egg type 1,000	303,568	302,401	100
Hatching egg type 1,000	58,388	58,727	101
Broiler-type hatching 1,000	54,967	54,876	100
Egg-type hatching 1,000	3,421	3,851	113
Eggs per 100 layers during April			
All layers number	2,291	2,273	99
Table egg type number	2,371	2,347	99
Hatching egg type number	1,877	1,894	101
Broiler-type hatching number	1,839	1,857	101
Egg-type hatching number	2,485	2,415	97
Eggs produced during April			
All layers million	8,294	8,208	99
Table egg type million	7,198	7,096	99
Hatching egg type million	1,096	1,112	101
Broiler-type hatching million	1,011	1,019	101
Egg-type hatching million	85	93	109
Eggs produced during April			
All layers 1,000 dozen	691,169	683,967	99
Table egg type 1,000 dozen	599,877	591,425	99
Hatching egg type 1,000 dozen	91,292	92,542	101
Broiler-type hatching 1,000 dozen	84,159	84,826	101
Egg-type hatching 1,000 dozen	7,133	7,716	108
Layers on May 1			
All layers 1,000	357,858	360,712	101
Table egg type 1,000	299,536	301,973	101
Hatching egg type 1,000	58,322	58,739	101
Broiler-type hatching 1,000	55,011	54,785	100
Egg-type hatching 1,000	3,311	3,954	119
Eggs per 100 layers on May 1			
All layers number	75.8	76.0	100
Table egg type number	78.4	78.4	100
Hatching egg type number	62.7	63.6	101
Broiler-type hatching number	61.5	62.3	101
Egg-type hatching number	83.1	81.6	98
Molted layers on May 1			
Being molted percent	3.1	2.7	87
Molt completed percent	17.4	18.7	107
Layers sold for slaughter during April 1,000	16,196	16,257	100
Layers rendered, died, destroyed, composted or disappeared for any reason during April 1,000	14,634	8,054	55
Pullets on May 1 1,000	111,468	118,595	106
Pullets added during April ¹ 1,000	26,333	26,362	100

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

Layers on Hand and Eggs Produced – States and United States: During March 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	1,465	1,566	9,178	9,281	1,950	1,972
Arkansas	3,972	3,889	13,363	14,065	2,118	2,090
California	10,805	11,810	11,299	12,312	2,425	2,412
Colorado	3,926	4,327	4,338	4,785	2,444	2,445
Florida	8,755	8,574	9,148	9,004	2,405	2,266
Georgia	10,034	9,970	18,995	19,221	2,153	2,190
Illinois	4,365	4,696	4,812	5,146	2,348	2,507
Indiana	26,680	29,229	27,591	30,215	2,356	2,519
Iowa	58,226	46,476	59,466	47,729	2,376	2,231
Maryland	2,444	2,603	2,608	2,767	2,454	2,494
Michigan	12,663	13,088	12,916	13,313	2,539	2,591
Minnesota	11,287	9,046	11,742	9,502	2,461	2,368
Mississippi	1,542	1,463	5,731	5,714	2,129	2,065
Missouri	7,486	7,057	11,068	10,490	2,421	2,431
Nebraska	9,436	8,633	9,544	8,741	2,525	2,517
New York	4,672	5,293	5,036	5,668	2,542	2,523
North Carolina	6,754	6,699	14,509	14,447	2,164	2,139
Ohio	31,475	32,024	32,337	32,883	2,440	2,421
Oregon	2,305	2,359	2,444	2,498	2,660	2,682
Pennsylvania	23,804	25,639	25,858	27,759	2,599	2,576
South Carolina	3,165	3,231	4,466	4,547	2,284	2,375
South Dakota	2,547	1,754	2,689	1,896	2,492	2,373
Texas	14,792	16,450	18,997	20,474	2,279	2,276
Utah	4,247	4,486	4,285	4,524	2,404	2,387
Virginia	1,183	1,354	3,041	3,114	2,039	2,152
Washington	6,994	7,095	7,158	7,260	2,445	2,479
Wisconsin	4,575	4,873	5,316	5,562	2,408	2,571
Other States ¹	18,924	19,266	28,016	28,326	2,277	2,302
United States	298,523	292,950	365,951	361,243	2,360	2,354

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During April 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	1,426	1,521	9,462	9,237	1,860	1,895
Arkansas	3,935	3,881	13,573	13,983	2,063	2,031
California	10,944	11,848	11,437	12,354	2,352	2,356
Colorado	4,172	4,339	4,621	4,769	2,316	2,453
Florida	8,688	8,167	9,052	8,615	2,254	2,159
Georgia	9,785	9,824	18,855	19,110	2,090	2,088
Illinois	4,403	5,003	4,862	5,473	2,283	2,284
Indiana	26,468	29,271	27,383	30,308	2,326	2,412
Iowa	54,876	47,888	56,106	49,242	2,319	2,203
Maryland	2,278	2,595	2,441	2,766	2,376	2,386
Michigan	12,457	12,893	12,710	13,130	2,478	2,544
Minnesota	11,175	9,311	11,629	9,766	2,408	2,253
Mississippi	1,516	1,432	5,705	5,704	2,033	1,981
Missouri	7,526	6,901	11,085	10,323	2,346	2,393
Nebraska	9,353	8,836	9,461	8,944	2,473	2,449
New York	4,528	5,303	4,889	5,698	2,454	2,404
North Carolina	6,417	6,437	14,162	14,096	2,125	2,093
Ohio	32,026	31,494	32,887	32,353	2,344	2,321
Oregon	2,199	2,319	2,338	2,458	2,524	2,563
Pennsylvania	23,702	25,493	25,699	27,632	2,537	2,508
South Carolina	3,089	3,232	4,417	4,537	2,151	2,204
South Dakota	2,518	1,836	2,660	1,978	2,444	2,376
Texas	14,845	16,404	18,892	20,362	2,213	2,185
Utah	4,226	4,357	4,264	4,395	2,298	2,344
Virginia	1,269	1,304	3,123	3,044	1,921	2,070
Washington	6,881	6,930	7,046	7,095	2,455	2,297
Wisconsin	4,375	4,926	5,114	5,615	2,327	2,351
Other States ¹	18,964	19,142	28,083	28,141	2,211	2,217
United States	294,041	292,887	361,956	361,128	2,291	2,273

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: March 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	179	183	37	40	142	143
Arkansas	283	294	108	101	175	193
California	274	297	(D)	(D)	(D)	(D)
Colorado	106	117	(D)	(D)	(D)	(D)
Florida	220	204	216	199	4	5
Georgia	409	421	238	244	171	177
Illinois	113	129	109	124	4	5
Indiana	650	761	632	743	18	18
Iowa	1,413	1,065	1,394	1,048	19	17
Maryland	64	69	63	68	1	1
Michigan	328	345	(D)	(D)	(D)	(D)
Minnesota	289	225	283	218	6	7
Mississippi	122	118	41	36	81	82
Missouri	268	255	(D)	(D)	(D)	(D)
Nebraska	241	220	241	220	-	-
New York	128	143	(D)	(D)	(D)	(D)
North Carolina	314	309	170	166	144	143
Ohio	789	796	(D)	(D)	(D)	(D)
Oregon	65	67	65	67	-	-
Pennsylvania	672	715	641	684	31	31
South Carolina	102	108	78	84	24	24
South Dakota	67	45	67	45	-	-
Texas	433	466	(D)	(D)	(D)	(D)
Utah	103	108	103	108	-	-
Virginia	62	67	29	34	33	33
Washington	175	180	(D)	(D)	(D)	(D)
Wisconsin	128	143	(D)	(D)	(D)	(D)
Other States ¹	638	652	502	515	136	137
United States	8,635	8,502	7,517	7,363	1,118	1,139

- 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: April 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	176	175	34	38	142	137
Arkansas	280	284	104	96	176	188
California	269	291	(D)	(D)	(D)	(D)
Colorado	107	117	(D)	(D)	(D)	(D)
Florida	204	186	200	181	4	5
Georgia	394	399	225	225	169	174
Illinois	111	125	107	120	4	5
Indiana	637	731	620	712	17	19
Iowa	1,301	1,085	1,282	1,066	19	19
Maryland	58	66	57	65	1	1
Michigan	315	334	(D)	(D)	(D)	(D)
Minnesota	280	220	274	214	6	6
Mississippi	116	113	37	34	79	79
Missouri	260	247	(D)	(D)	(D)	(D)
Nebraska	234	219	234	219	-	-
New York	120	137	(D)	(D)	(D)	(D)
North Carolina	301	295	162	156	139	139
Ohio	771	751	(D)	(D)	(D)	(D)
Oregon	59	63	59	63	-	-
Pennsylvania	652	693	623	660	29	33
South Carolina	95	100	72	77	23	23
South Dakota	65	47	65	47	-	-
Texas	418	445	(D)	(D)	(D)	(D)
Utah	98	103	98	103	-	-
Virginia	60	63	28	32	32	31
Washington	173	163	(D)	(D)	(D)	(D)
Wisconsin	119	132	(D)	(D)	(D)	(D)
Other States ¹	621	624	488	493	133	131
United States	8,294	8,208	7,198	7,096	1,096	1,112

- 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: March 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	14,908	15,217	3,075	3,300	11,833	11,917
Arkansas	23,575	24,484	8,967	8,392	14,608	16,092
California	22,759	24,741	(D)	(D)	(D)	(D)
Colorado	8,884	9,758	(D)	(D)	(D)	(D)
Florida	18,341	17,034	17,983	16,617	358	417
Georgia	34,134	35,084	19,867	20,342	14,267	14,742
Illinois	9,417	10,692	9,050	10,317	367	375
Indiana	54,175	63,408	52,683	61,875	1,492	1,533
Iowa	117,800	88,734	116,200	87,292	1,600	1,442
Maryland	5,367	5,733	5,250	5,625	117	108
Michigan	27,358	28,750	(D)	(D)	(D)	(D)
Minnesota	24,100	18,709	23,567	18,167	533	542
Mississippi	10,100	9,791	3,392	2,958	6,708	6,833
Missouri	22,267	21,225	(D)	(D)	(D)	(D)
Nebraska	20,117	18,292	20,117	18,292	-	-
New York	10,642	11,958	(D)	(D)	(D)	(D)
North Carolina	26,142	25,775	14,167	13,825	11,975	11,950
Ohio	65,733	66,333	(D)	(D)	(D)	(D)
Oregon	5,417	5,558	5,417	5,558	-	-
Pennsylvania	55,983	59,625	53,375	57,025	2,608	2,600
South Carolina	8,492	8,983	6,525	7,025	1,967	1,958
South Dakota	5,567	3,733	5,567	3,733	-	-
Texas	36,058	38,833	(D)	(D)	(D)	(D)
Utah	8,608	9,033	8,608	9,033	-	-
Virginia	5,200	5,534	2,442	2,817	2,758	2,717
Washington	14,592	15,017	(D)	(D)	(D)	(D)
Wisconsin	10,708	11,917	(D)	(D)	(D)	(D)
Other States ¹	53,060	54,010	41,718	42,676	11,342	11,334
United States	719,504	707,961	626,271	613,068	93,233	94,893

- 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: April 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	14,667	14,542	2,850	3,125	11,817	11,417
Arkansas	23,266	23,667	8,633	7,967	14,633	15,700
California	22,433	24,250	(D)	(D)	(D)	(D)
Colorado	8,908	9,759	(D)	(D)	(D)	(D)
Florida	17,042	15,525	16,675	15,092	367	433
Georgia	32,800	33,266	18,758	18,758	14,042	14,508
Illinois	9,309	10,416	8,942	10,033	367	383
Indiana	53,092	60,867	51,650	59,300	1,442	1,567
Iowa	108,408	90,367	106,850	88,825	1,558	1,542
Maryland	4,875	5,508	4,758	5,400	117	108
Michigan	26,250	27,759	(D)	(D)	(D)	(D)
Minnesota	23,316	18,317	22,808	17,800	508	517
Mississippi	9,634	9,450	3,067	2,842	6,567	6,608
Missouri	21,650	20,559	(D)	(D)	(D)	(D)
Nebraska	19,492	18,242	19,492	18,242	-	-
New York	9,925	11,366	(D)	(D)	(D)	(D)
North Carolina	25,067	24,541	13,475	12,983	11,592	11,558
Ohio	64,292	62,600	(D)	(D)	(D)	(D)
Oregon	4,917	5,258	4,917	5,258	-	-
Pennsylvania	54,375	57,758	51,925	55,008	2,450	2,750
South Carolina	7,883	8,333	6,000	6,408	1,883	1,925
South Dakota	5,425	3,950	5,425	3,950	-	-
Texas	34,841	37,075	(D)	(D)	(D)	(D)
Utah	8,175	8,617	8,175	8,617	-	-
Virginia	5,017	5,259	2,350	2,642	2,667	2,617
Washington	14,392	13,600	(D)	(D)	(D)	(D)
Wisconsin	9,892	11,025	(D)	(D)	(D)	(D)
Other States ¹	51,826	52,091	40,843	41,217	10,983	10,874
United States	691,169	683,967	599,877	591,425	91,292	92,542

- 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: 2015-2016

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

Month	Being molted		Molt completed	
	2015 (percent)	2016 (percent)	2015 (percent)	2016 (percent)
January	2.1	2.5	17.7	21.3
February	3.3	2.9	17.5	20.6
March	1.9	1.5	18.5	20.7
April	2.1	2.9	17.7	19.2
May	3.1	2.7	17.4	18.7
June	2.4		17.2	
July	3.0		18.2	
August	2.7		19.2	
September	3.4		19.7	
October	3.4		20.5	
November	3.4		21.3	
December	1.8		21.9	

Molted as Percent of All Layers – States and United States: May 1, 2015 and 2016

[As of the first of the month]

State	Being molted		Molt completed	
	2015 (percent)	2016 (percent)	2015 (percent)	2016 (percent)
Alabama	0.5	1.5	6.5	8.5
Arkansas	1.5	2.0	15.0	19.5
California	4.5	4.5	22.0	11.5
Colorado	2.0	3.0	11.5	23.5
Florida	10.0	10.0	40.0	61.5
Georgia	2.0	2.5	15.5	16.5
Illinois	7.5	-	22.5	18.5
Indiana	3.5	3.0	26.0	18.0
Iowa	4.5	1.0	26.0	21.0
Maryland	3.5	-	-	-
Michigan	3.0	-	10.3	6.0
Minnesota	2.0	3.5	17.0	19.5
Mississippi	1.0	2.0	13.5	25.0
Missouri	2.5	-	16.0	9.5
Nebraska	-	3.0	1.5	20.5
New York	3.5	1.5	0.5	3.0
North Carolina	3.0	-	12.0	14.5
Ohio	3.5	6.0	20.0	21.5
Oregon	4.5	6.5	19.5	10.5
Pennsylvania	0.5	1.0	0.5	4.0
South Carolina	2.5	4.5	6.0	19.5
South Dakota	-	5.0	12.0	28.0
Texas	2.5	5.5	29.5	47.5
Utah	10.5	4.5	33.0	31.0
Virginia	6.5	3.0	15.5	20.0
Washington	5.0	5.0	20.0	17.5
Wisconsin	2.5	-	29.0	29.0
Other States ¹	2.5	2.9	9.1	10.5
United States	3.1	2.7	17.4	18.7

- 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 May 1	48,583	52,532	108
Chicks hatched during April	50,193	49,400	98
Chicks hatched January through April	188,022	204,563	109
Pullets hatched during April for intended placements:			
Hatchery supply flocks	219	240	110
Cumulative potential placements 7-18 months earlier ¹	2,987	3,121	104
Broiler-type			
Eggs in incubators on May 1	653,441	650,369	100
Chicks hatched during April	773,353	780,729	101
Chicks hatched January through April	3,068,100	3,132,927	102
Pullets hatched during April for intended placements:			
Hatchery supply flocks	6,995	7,765	111
Cumulative potential placements 7-15 months earlier ²	62,804	68,230	109

¹ 2016 includes pullet chicks hatched October 2014 through September 2015.

² 2016 includes pullet chicks hatched January 2015 through September 2015.

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

[See regional listing on page 21]

Region	April 1		2016 as percent of 2015	May 1		2016 as percent of 2015
	2015	2016		2015	2016	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	7,112	8,480	119	7,326	7,728	105
East North Central	10,683	10,851	102	9,839	10,422	106
West North Central	13,045	14,162	109	13,891	17,157	124
South Atlantic	4,638	5,033	109	4,706	5,043	107
South Central	6,740	5,414	80	5,702	6,651	117
West	7,123	6,921	97	7,119	5,531	78
United States	49,341	50,861	103	48,583	52,532	108

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

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

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	49,400	98	188,022	204,563	109
May	48,315			236,337		
June	47,212			283,549		
July	42,790			326,339		
August	47,131			373,470		
September	49,391			422,861		
October	50,194			473,055		
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: 2015-2016

[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		2015	2016
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	270	148	55	2,947	3,386
February	309	189	61	2,955	3,378
March	346	160	46	2,863	3,293
April	219	240	110	2,987	3,121
May	235			3,206	3,082
June	320			3,178	3,149
July	267			3,074	3,116
August	166			3,074	2,994
September	222			3,140	2,874
October	330			3,251	2,688
November	217			3,227	2,709
December	215			3,238	
Total	3,116				

¹ For April 2016, includes breeder pullet chicks hatched October 2014 through September 2015. 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	April 1		2016 as percent of 2015	May 1		2016 as percent of 2015
	2015	2016		2015	2016	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	14,341	14,229	99	15,039	14,210	94
East North Central	14,344	15,368	107	14,639	15,174	104
West North Central	30,262	30,177	100	31,036	30,601	99
South Atlantic	248,558	250,638	101	251,408	250,571	100
South Central	315,509	316,145	100	316,885	316,815	100
West	23,334	24,039	103	24,434	22,998	94
United States	646,348	650,596	101	653,441	650,369	100

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

State	During April			January-April		
	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	105,122	102,384	97	416,887	420,548	101
Arkansas	77,542	80,232	103	310,088	319,167	103
Delaware	16,781	17,491	104	67,458	69,745	103
Florida	4,318	4,365	101	16,624	17,655	106
Georgia	119,503	124,544	104	479,194	496,039	104
Kentucky	27,673	27,211	98	110,734	111,144	100
Louisiana	13,837	12,430	90	55,150	51,104	93
Maryland	27,885	27,606	99	110,826	112,745	102
Mississippi	64,963	65,121	100	257,785	263,430	102
Missouri	29,350	28,439	97	116,956	116,645	100
North Carolina	76,370	76,104	100	299,511	304,234	102
Oklahoma	23,478	24,624	105	91,643	98,560	108
Pennsylvania	15,879	16,826	106	62,699	66,996	107
South Carolina	19,433	19,184	99	75,623	77,678	103
Texas	55,092	56,563	103	217,540	222,717	102
Virginia	23,416	23,079	99	93,914	92,430	98
California, Tennessee, and West Virginia	43,863	44,327	101	171,364	174,196	102
19 States ¹	744,505	750,530	101	2,953,996	3,015,033	102
Other States ²	28,848	30,199	105	114,104	117,894	103
United States	773,353	780,729	101	3,068,100	3,132,927	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

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

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	780,729	101	3,068,100	3,132,927	102
May	809,844			3,877,944		
June	787,930			4,665,874		
July	805,512			5,471,386		
August	799,162			6,270,548		
September	761,688			7,032,236		
October	755,076			7,787,312		
November	732,518			8,519,830		
December	798,157			9,317,987		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2015-2016

[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)		2015 (1,000 chicks)	2016 (1,000 chicks)
United States placements					
January	6,944	6,726	97	62,018	65,531
February	7,892	8,098	103	61,999	66,136
March	7,160	8,143	114	62,220	66,452
April	6,995	7,765	111	62,804	68,230
May	7,541			63,157	68,149
June	7,790			63,509	67,487
July	7,428			63,514	67,871
August	7,907			63,748	67,602
September	8,573			64,040	68,159
October	6,863			64,106	68,512
November	7,230			64,889	68,849
December	7,544			64,994	
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	9,115	109		
May	9,409				
June	9,785				
July	9,907				
August	10,040				
September	10,810				
October	8,681				
November	8,872				
December	9,321				
Annual total	111,986				

¹ For April 2016, includes breeder pullet chicks hatched January 2015 through September 2015.

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 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 361 million layers by more than 1.9 percent. Chances are 9 out of 10 that the difference will not exceed 3.2 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) 1.9	(percent) 3.2	(1,000) 5,648	(1,000) 43	(1,000) 12,554	(number) 24	(number) 0
Eggs	1.9	3.3	(million) 137	(million) 2	(million) 308	24	0

Egg-Type Regional Listing

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

Broiler-Type Regional Listing

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

Terms and Definitions of Chickens and Eggs Estimates

All Layers includes both table egg and hatching egg flocks regardless of size.

Intended Placements are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

Molted Layers is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Bruce Boess, Head, Poultry and Specialty Commodities Section	(202) 720-4447
Aaron Cosgrove – Egg Products, Poultry Slaughter, Trout Production	(202) 690-3237
Alissa Cowell-Mytar – Cold Storage	(202) 720-4751
Heidi Gleich – Broiler Hatchery, Chicken Hatchery	(202) 720-0585
Tom Kruchten – Census of Aquaculture	(202) 690-4870
Kim Linonis – Layers, Eggs	(202) 690-8632
Sammy Neal – Catfish Production, Mink, Turkey Hatchery, Turkeys Raised	(202) 720-3244
Joshua O’Rear – Honey, Honey Bee Colonies	(202) 690-3676

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