



# Chickens and Eggs

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## November Egg Production Down 9 Percent

United States egg production totaled 7.66 billion during November 2015, down 9 percent from last year. Production included 6.57 billion table eggs, and 1.09 billion hatching eggs, of which 1.01 billion were broiler-type and 82 million were egg-type. The total number of layers during November 2015 averaged 339 million, down 7 percent from last year. November egg production per 100 layers was 2,259 eggs, down 2 percent from November 2014.

All layers in the United States on December 1, 2015 totaled 341 million, down 7 percent from last year. The 341 million layers consisted of 283 million layers producing table or market type eggs, 54.4 million layers producing broiler-type hatching eggs, and 3.43 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2015, averaged 75.6 eggs per 100 layers, down 2 percent from December 1, 2014.

## Egg-Type Chicks Hatched Up 26 Percent

Egg-type chicks hatched during November 2015 totaled 46.0 million, up 26 percent from November 2014. Eggs in incubators totaled 48.5 million on December 1, 2015, up 15 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 217 thousand during November 2015, up 45 percent from November 2014.

## Broiler-Type Chicks Hatched Down Slightly

Broiler-type chicks hatched during November 2015 totaled 733 million, down slightly from November 2014. Eggs in incubators totaled 646 million on December 1, 2015, down 1 percent from a year ago.

Leading breeders placed 7.23 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2015, down 5 percent from November 2014.

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## Average Number of All Layers on Hand During the Month – United States: 2014-2015

Month	2014	2015
	(1,000 layers)	(1,000 layers)
December <sup>1</sup> .....	360,673	365,691
January .....	359,556	363,732
February .....	358,967	362,338
March .....	359,955	362,501
April .....	360,826	358,416
May .....	360,383	341,647
June .....	359,729	328,656
July .....	360,787	328,993
August .....	361,731	330,868
September .....	361,813	333,554
October .....	362,034	336,193
November .....	364,017	339,073

<sup>1</sup> December preceding year.

## Egg Production During the Month by Type – United States: 2014-2015

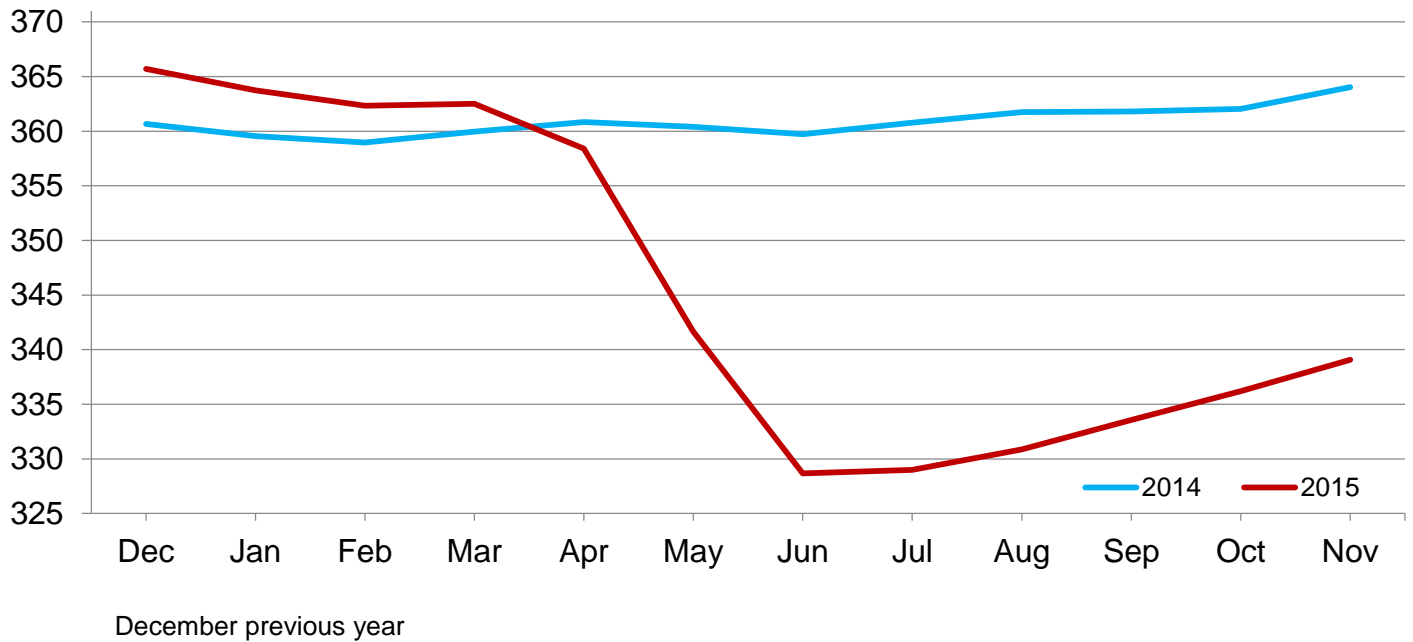
[Totals may not add due to rounding]

Month	Total eggs		Table eggs		Hatching eggs	
	2014	2015	2014	2015	2014	2015
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December <sup>1</sup> .....	8,489	8,731	7,422	7,633	1,068	1,098
January .....	8,397	8,540	7,321	7,428	1,077	1,112
February .....	7,551	7,620	6,579	6,615	972	1,006
March .....	8,430	8,548	7,354	7,429	1,077	1,119
April .....	8,205	8,209	7,160	7,113	1,045	1,096
May .....	8,428	7,993	7,336	6,851	1,094	1,142
June .....	8,151	7,416	7,091	6,307	1,060	1,109
July .....	8,503	7,674	7,404	6,527	1,100	1,147
August .....	8,491	7,717	7,394	6,571	1,098	1,146
September .....	8,186	7,496	7,126	6,398	1,060	1,098
October .....	8,526	7,793	7,433	6,663	1,094	1,130
November .....	8,411	7,660	7,353	6,571	1,058	1,089
During year .....	99,768	95,397	86,971	82,106	12,803	13,292

<sup>1</sup> December preceding year.

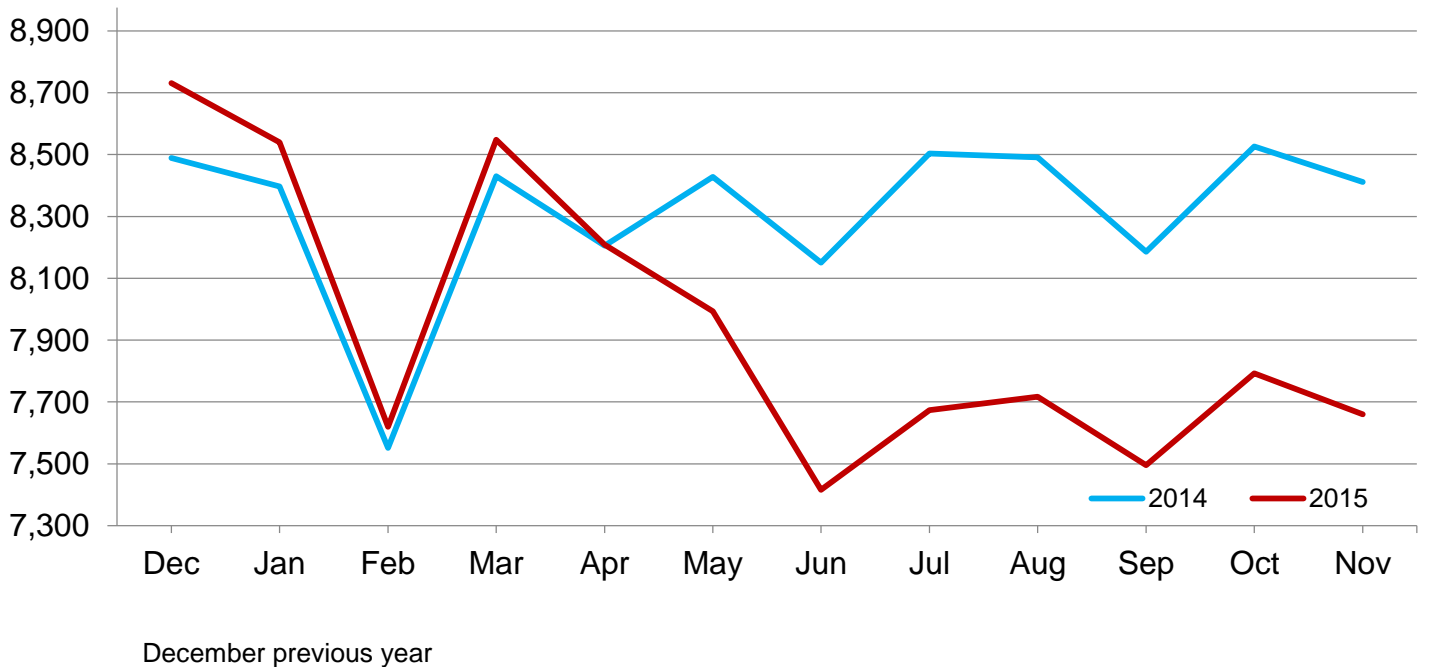
## Average Layers During the Month – United States

Million layers



## All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:  
October-November 2014 and 2015**

[Totals may not add due to rounding]

Item	2014	2015	2015 as percent of 2014
<b>Layers during October</b>			
All layers .....1,000	362,034	336,193	93
Table egg type .....1,000	306,340	278,428	91
Hatching egg type .....1,000	55,694	57,765	104
Broiler-type hatching .....1,000	52,525	54,395	104
Egg-type hatching .....1,000	3,169	3,370	106
<b>Eggs per 100 layers during October</b>			
All layers ..... number	2,355	2,318	98
Table egg type ..... number	2,426	2,393	99
Hatching egg type ..... number	1,964	1,956	100
Broiler-type hatching ..... number	1,934	1,927	100
Egg-type hatching ..... number	2,461	2,433	99
<b>Eggs produced during October</b>			
All layers ..... million	8,526	7,793	91
Table egg type ..... million	7,433	6,663	90
Hatching egg type ..... million	1,094	1,130	103
Broiler-type hatching ..... million	1,016	1,048	103
Egg-type hatching ..... million	78	82	105
<b>Layers on November 1</b>			
All layers .....1,000	361,986	337,404	93
Table egg type .....1,000	306,224	279,501	91
Hatching egg type .....1,000	55,762	57,903	104
Broiler-type hatching .....1,000	52,607	54,443	103
Egg-type hatching .....1,000	3,155	3,460	110
<b>Eggs per 100 layers on November 1</b>			
All layers ..... number	76.6	75.0	98
Table egg type ..... number	79.0	77.5	98
Hatching egg type ..... number	63.3	62.9	99
Broiler-type hatching ..... number	62.2	62.0	100
Egg-type hatching ..... number	81.3	77.1	95
<b>Molted layers on November 1</b>			
Being molted .....percent	2.0	3.2	160
Molt completed .....percent	19.9	21.2	107
Layers sold for slaughter during October .....1,000	14,723	14,076	96
Layers rendered, died, destroyed, composted or disappeared for any reason during October .....1,000	7,111	5,133	72
Pullets on November 1 .....1,000	108,600	115,058	106
Pullets added during October <sup>1</sup> .....1,000	24,850	25,537	103

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

## Layers on Hand and Eggs Produced by Type and Molt – United States: November-December 2014 and 2015

[Totals may not add due to rounding]

Item	2014	2015	2015 as percent of 2014
<b>Layers during November</b>			
All layers ..... 1,000	364,017	339,073	93
Table egg type ..... 1,000	308,126	281,186	91
Hatching egg type ..... 1,000	55,891	57,887	104
Broiler-type hatching ..... 1,000	52,717	54,441	103
Egg-type hatching ..... 1,000	3,174	3,446	109
<b>Eggs per 100 layers during November</b>			
All layers ..... number	2,311	2,259	98
Table egg type ..... number	2,386	2,337	98
Hatching egg type ..... number	1,893	1,881	99
Broiler-type hatching ..... number	1,861	1,850	99
Egg-type hatching ..... number	2,426	2,380	98
<b>Eggs produced during November</b>			
All layers ..... million	8,411	7,660	91
Table egg type ..... million	7,353	6,571	89
Hatching egg type ..... million	1,058	1,089	103
Broiler-type hatching ..... million	981	1,007	103
Egg-type hatching ..... million	77	82	106
<b>Layers on December 1</b>			
All layers ..... 1,000	366,045	340,714	93
Table egg type ..... 1,000	310,052	282,858	91
Hatching egg type ..... 1,000	55,993	57,856	103
Broiler-type hatching ..... 1,000	52,811	54,429	103
Egg-type hatching ..... 1,000	3,182	3,427	108
<b>Eggs per 100 layers on December 1</b>			
All layers ..... number	77.3	75.6	98
Table egg type ..... number	80.0	78.2	98
Hatching egg type ..... number	62.6	62.7	100
Broiler-type hatching ..... number	61.6	61.6	100
Egg-type hatching ..... number	79.8	80.6	101
<b>Molted layers on December 1</b>			
Being molted ..... percent	1.3	1.7	131
Molt completed ..... percent	19.3	21.6	112
Layers sold for slaughter during November ..... 1,000	13,483	12,846	95
Layers rendered, died, destroyed, composted or disappeared for any reason during November ..... 1,000	7,234	5,812	80
Pullets on December 1 ..... 1,000	106,602	115,728	109
Pullets added during November <sup>1</sup> ..... 1,000	23,639	24,488	104

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

## Layers on Hand and Eggs Produced – States and United States: During October 2014 and 2015

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2014	2015	2014	2015	2014	2015
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,467	1,544	9,074	9,688	2,006	1,992
Arkansas .....	3,717	3,768	12,317	13,144	2,070	2,016
California .....	15,033	12,465	15,449	12,979	2,408	2,335
Colorado .....	4,281	4,224	4,654	4,713	2,535	2,461
Connecticut <sup>1</sup> .....	2,210	(NA)	2,304	(NA)	2,431	(NA)
Florida .....	8,328	8,728	8,718	9,126	2,363	2,202
Georgia .....	9,609	9,917	18,328	18,893	2,215	2,212
Illinois .....	4,411	4,562	4,897	5,033	2,532	2,543
Indiana .....	26,226	28,657	27,120	29,646	2,389	2,432
Iowa .....	58,522	33,367	59,677	34,481	2,385	2,184
Maine <sup>1</sup> .....	3,505	(NA)	3,560	(NA)	2,331	(NA)
Maryland .....	2,564	2,310	2,730	2,483	2,454	2,457
Michigan .....	12,888	12,625	13,103	12,843	2,503	2,577
Minnesota .....	10,814	8,844	11,270	9,302	2,360	2,376
Mississippi .....	1,429	1,524	5,403	5,688	2,036	2,057
Missouri .....	6,460	6,881	8,700	9,094	2,379	2,375
Nebraska .....	9,371	5,828	9,479	5,936	2,606	2,460
New York .....	4,676	5,072	5,025	5,426	2,567	2,506
North Carolina .....	6,283	6,829	13,821	14,438	2,120	2,147
Ohio .....	30,328	30,930	31,197	31,780	2,391	2,417
Oregon .....	2,129	2,257	2,268	2,396	2,690	2,588
Pennsylvania .....	23,849	23,684	25,750	25,687	2,559	2,515
South Carolina .....	2,952	3,103	4,175	4,341	2,323	2,304
South Dakota .....	2,328	1,400	2,470	1,542	2,551	2,335
Texas .....	15,081	15,728	19,112	19,658	2,224	2,172
Utah .....	4,495	4,454	4,533	4,492	2,471	2,248
Virginia .....	1,276	1,253	3,037	2,946	2,239	2,342
Washington .....	6,797	7,031	6,963	7,196	2,427	2,501
Wisconsin .....	4,444	4,267	5,221	5,044	2,375	2,419
Other States <sup>2</sup> .....	12,864	19,095	21,679	28,198	2,223	2,291
United States .....	298,337	270,347	362,034	336,193	2,355	2,318

(NA) Not available.

<sup>1</sup> Included in Other States in 2015.

<sup>2</sup> Includes data for States not published in this table.



## Layers on Hand and Eggs Produced – States and United States: During November 2014 and 2015

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2014	2015	2014	2015	2014	2015
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,500	1,568	9,138	9,601	1,937	1,916
Arkansas .....	3,866	3,909	12,462	13,396	2,022	1,956
California .....	14,653	11,694	15,110	12,202	2,369	2,246
Colorado .....	4,390	4,220	4,763	4,708	2,456	2,421
Connecticut <sup>1</sup> .....	2,249	(NA)	2,343	(NA)	2,262	(NA)
Florida .....	8,536	8,803	8,936	9,196	2,406	2,240
Georgia .....	9,812	10,176	18,609	19,050	2,166	2,147
Illinois .....	4,481	4,647	4,963	5,109	2,297	2,427
Indiana .....	26,017	28,994	26,884	29,981	2,347	2,408
Iowa .....	58,523	33,654	59,688	34,826	2,317	2,093
Maine <sup>1</sup> .....	3,511	(NA)	3,566	(NA)	2,299	(NA)
Maryland .....	2,613	2,480	2,778	2,652	2,340	2,376
Michigan .....	12,985	12,904	13,200	13,120	2,409	2,454
Minnesota .....	10,848	8,861	11,305	9,319	2,326	2,339
Mississippi .....	1,489	1,462	5,490	5,646	2,058	2,019
Missouri .....	6,736	7,478	8,944	9,688	2,337	2,364
Nebraska .....	9,447	6,528	9,555	6,636	2,501	2,215
New York .....	4,762	5,290	5,110	5,652	2,485	2,424
North Carolina .....	6,546	7,012	14,176	14,738	2,088	2,083
Ohio .....	30,416	30,928	31,278	31,778	2,407	2,395
Oregon .....	2,121	2,166	2,260	2,305	2,566	2,516
Pennsylvania .....	23,942	23,489	25,823	25,476	2,509	2,449
South Carolina .....	2,895	3,092	4,156	4,338	2,238	2,282
South Dakota .....	2,473	1,414	2,615	1,556	2,371	2,185
Texas .....	15,163	16,048	19,188	20,048	2,272	2,160
Utah .....	4,417	4,470	4,455	4,508	2,424	2,218
Virginia .....	1,268	1,247	2,977	2,947	2,183	2,273
Washington .....	6,838	7,090	6,981	7,255	2,364	2,412
Wisconsin .....	4,656	4,327	5,435	5,105	2,392	2,370
Other States <sup>2</sup> .....	12,953	19,154	21,829	28,237	2,190	2,220
United States .....	300,106	273,105	364,017	339,073	2,311	2,259

(NA) Not available.

<sup>1</sup> Included in Other States in 2015.

<sup>2</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: October 2014 and 2015

[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	
	2014	2015	2014	2015	2014	2015
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	182	193	38	40	144	153
Arkansas .....	255	265	89	93	166	172
California .....	372	303	(D)	(D)	(D)	(D)
Colorado .....	118	116	(D)	(D)	(D)	(D)
Connecticut <sup>1</sup> .....	56	(NA)	(D)	(NA)	(D)	(NA)
Florida .....	206	201	201	196	5	5
Georgia .....	406	418	235	239	171	179
Illinois .....	124	128	119	123	5	5
Indiana .....	648	721	631	701	17	20
Iowa .....	1,423	753	1,406	739	17	14
Maine <sup>1</sup> .....	83	(NA)	(D)	(NA)	(D)	(NA)
Maryland .....	67	61	66	59	1	2
Michigan .....	328	331	(D)	(D)	(D)	(D)
Minnesota .....	266	221	259	214	7	7
Mississippi .....	110	117	34	36	76	81
Missouri .....	207	216	(D)	(D)	(D)	(D)
Nebraska .....	247	146	247	146	-	-
New York .....	129	136	(D)	(D)	(D)	(D)
North Carolina .....	293	310	152	164	141	146
Ohio .....	746	768	(D)	(D)	(D)	(D)
Oregon .....	61	62	61	62	-	-
Pennsylvania .....	659	646	632	618	27	28
South Carolina .....	97	100	75	76	22	24
South Dakota .....	63	36	63	36	-	-
Texas .....	425	427	(D)	(D)	(D)	(D)
Utah .....	112	101	112	101	-	-
Virginia .....	68	69	36	38	32	31
Washington .....	169	180	(D)	(D)	(D)	(D)
Wisconsin .....	124	122	(D)	(D)	(D)	(D)
Other States <sup>2</sup> .....	482	646	348	507	135	139
United States .....	8,526	7,793	7,433	6,663	1,094	1,130

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2015.

<sup>2</sup> Not published separately to avoid disclosing individual operations.

## Egg Production by Type – States and United States: November 2014 and 2015

[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	
	2014	2015	2014	2015	2014	2015
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	177	184	38	39	139	145
Arkansas .....	252	262	94	92	158	170
California .....	358	274	(D)	(D)	(D)	(D)
Colorado .....	117	114	(D)	(D)	(D)	(D)
Connecticut <sup>1</sup> .....	53	(NA)	(D)	(NA)	(D)	(NA)
Florida .....	215	206	210	202	5	4
Georgia .....	403	409	237	239	166	170
Illinois .....	114	124	109	120	5	4
Indiana .....	631	722	615	703	16	19
Iowa .....	1,383	729	1,367	713	16	16
Maine <sup>1</sup> .....	82	(NA)	(D)	(NA)	(D)	(NA)
Maryland .....	65	63	64	62	1	1
Michigan .....	318	322	(D)	(D)	(D)	(D)
Minnesota .....	263	218	257	212	6	6
Mississippi .....	113	114	37	35	76	79
Missouri .....	209	229	(D)	(D)	(D)	(D)
Nebraska .....	239	147	239	147	-	-
New York .....	127	137	(D)	(D)	(D)	(D)
North Carolina .....	296	307	158	167	138	140
Ohio .....	753	761	(D)	(D)	(D)	(D)
Oregon .....	58	58	58	58	-	-
Pennsylvania .....	648	624	621	598	27	26
South Carolina .....	93	99	71	76	22	23
South Dakota .....	62	34	62	34	-	-
Texas .....	436	433	(D)	(D)	(D)	(D)
Utah .....	108	100	108	100	-	-
Virginia .....	65	67	35	37	30	30
Washington .....	165	175	(D)	(D)	(D)	(D)
Wisconsin .....	130	121	(D)	(D)	(D)	(D)
Other States <sup>2</sup> .....	478	627	346	494	132	133
United States .....	8,411	7,660	7,353	6,571	1,058	1,089

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2015.

<sup>2</sup> Not published separately to avoid disclosing individual operations.

## Molted as Percent of All Layers by Month – United States: 2014-2015

[As of the first of the month]

Month	Being molted		Molt completed	
	2014	2015	2014	2015
	(percent)	(percent)	(percent)	(percent)
January .....	2.7	2.1	18.2	18.1
February .....	2.8	3.3	18.0	17.9
March .....	2.4	1.9	18.0	18.9
April .....	1.9	2.0	17.9	18.0
May .....	2.8	3.1	17.7	17.7
June .....	3.0	2.4	17.2	17.5
July .....	2.6	2.9	18.0	18.4
August .....	3.3	2.7	18.0	19.5
September .....	2.9	3.4	18.9	20.1
October .....	3.3	3.4	19.3	20.9
November .....	2.0	3.2	19.9	21.2
December .....	1.3	1.7	19.3	21.6

## Molted as Percent of All Layers – States and United States: December 1, 2014 and 2015

[As of the first of the month]

State	Being molted		Molt completed	
	2014	2015	2014	2015
	(percent)	(percent)	(percent)	(percent)
Alabama .....	1.0	1.5	6.5	9.5
Arkansas .....	1.0	2.0	14.5	19.0
California .....	2.5	-	32.5	19.0
Colorado .....	-	-	21.5	17.5
Connecticut <sup>1</sup> .....	-	(NA)	9.5	(NA)
Florida .....	-	1.5	43.5	67.0
Georgia .....	1.0	0.5	19.5	18.5
Illinois .....	2.5	-	12.0	29.5
Indiana .....	-	1.0	28.5	24.5
Iowa .....	3.5	4.5	25.0	34.5
Maine <sup>1</sup> .....	-	(NA)	-	(NA)
Maryland .....	-	-	-	-
Michigan .....	-	-	9.5	8.5
Minnesota .....	3.0	3.0	18.5	15.5
Mississippi .....	0.5	2.0	15.5	23.0
Missouri .....	-	-	16.0	14.5
Nebraska .....	-	5.0	-	11.5
New York .....	-	-	8.0	3.0
North Carolina .....	-	-	16.0	19.0
Ohio .....	2.5	3.5	22.5	20.5
Oregon .....	4.5	7.0	13.5	18.0
Pennsylvania .....	0.5	0.5	2.0	7.0
South Carolina .....	-	-	10.0	12.0
South Dakota .....	-	12.5	13.0	12.5
Texas .....	0.5	1.0	33.0	50.0
Utah .....	1.0	1.0	33.0	38.0
Virginia .....	-	-	22.0	19.0
Washington .....	3.0	3.0	21.0	25.5
Wisconsin .....	-	4.5	32.5	19.5
Other States <sup>2</sup> .....	0.8	0.9	11.3	9.2
United States .....	1.3	1.7	19.3	21.6

- Represents zero.

(NA) Not available.

<sup>1</sup> Included in Other States in 2015.

<sup>2</sup> Includes data for States not published in this table.

## Hatchery Production – United States: 2014 and 2015

Item	2014	2015	2015 as percent of 2014
	(1,000)	(1,000)	(percent)
<b>Egg-type</b>			
Eggs in incubators on December 1 .....	42,006	48,455	115
Chicks hatched during November .....	36,544	46,038	126
Chicks hatched January through November .....	475,366	515,865	109
<b>Pullets hatched during November for intended placements:</b>			
Hatchery supply flocks .....	150	217	145
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,878	3,227	112
<b>Broiler-type</b>			
Eggs in incubators on December 1 .....	650,492	646,284	99
Chicks hatched during November .....	732,978	732,960	100
Chicks hatched January through November .....	8,365,132	8,515,081	102
<b>Pullets hatched during November for intended placements:</b>			
Hatchery supply flocks .....	7,591	7,230	95
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	61,366	64,933	106

<sup>1</sup> 2015 includes pullet chicks hatched May 2014 through April 2015.

<sup>2</sup> 2015 includes pullet chicks hatched August 2014 through April 2015.

## Egg-Type Eggs in Incubators on the First of the Month – Regions and United States: 2014-2015

[See regional listing on page 19]

Region	November 1		2015 as percent of 2014	December 1		2015 as percent of 2014
	2014	2015		2014	2015	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	4,945	8,800	178	5,465	9,414	172
East North Central .....	8,636	9,294	108	9,710	9,376	97
West North Central .....	8,631	12,308	143	11,651	11,950	103
South Atlantic .....	4,732	4,596	97	4,099	5,361	131
South Central .....	5,103	6,102	120	6,052	6,471	107
West .....	6,004	6,058	101	5,029	5,883	117
United States .....	38,051	47,158	124	42,006	48,455	115

## Egg-Type Chicks Hatched by Month – United States: 2014-2015

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

Month	By months			Cumulative		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	44,458	44,174	99	44,458	44,174	99
February .....	40,986	43,091	105	85,444	87,265	102
March .....	44,233	50,077	113	129,677	137,342	106
April .....	45,703	49,595	109	175,380	186,937	107
May .....	49,146	47,652	97	224,526	234,589	104
June .....	44,006	46,868	107	268,532	281,457	105
July .....	42,297	42,582	101	310,829	324,039	104
August .....	39,803	46,863	118	350,632	370,902	106
September .....	43,722	48,972	112	394,354	419,874	106
October .....	44,468	49,953	112	438,822	469,827	107
November .....	36,544	46,038	126	475,366	515,865	109
December .....	42,980			518,346		

## Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2014-2016

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

Month	Pullet chicks hatched		2015 as percent of 2014	Cumulative potential placements relative to current supply flocks 7-18 months earlier <sup>1</sup>	
	2014	2015		2015	2016
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	270	270	100	2,947	3,386
February .....	243	309	127	2,955	3,378
March .....	235	346	147	2,863	3,293
April .....	243	219	90	2,987	3,121
May .....	224	235	105	3,206	3,082
June .....	172	320	186	3,178	3,149
July .....	275	267	97	3,074	
August .....	251	166	66	3,074	
September .....	394	222	56	3,140	
October .....	369	330	89	3,251	
November .....	150	217	145	3,227	
December .....	248			3,238	
Total .....	3,074				

<sup>1</sup> For November 2015, includes breeder pullet chicks hatched May 2014 through April 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: 2014-2015

[See regional listing on page 19]

Region	November 1		2015 as percent of 2014	December 1		2015 as percent of 2014
	2014	2015		2014	2015	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	13,047	13,169	101	14,898	14,437	97
East North Central .....	13,270	13,793	104	14,257	14,268	100
West North Central .....	27,484	28,639	104	30,074	30,073	100
South Atlantic .....	241,492	236,482	98	252,445	245,957	97
South Central .....	296,845	294,138	99	314,568	317,844	101
West .....	20,269	21,594	107	24,250	23,705	98
United States .....	612,407	607,815	99	650,492	646,284	99

## Broiler-Type Chicks Hatched – States and United States: November 2014 and 2015

State	During November			January-November		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama .....	97,291	99,514	102	1,131,083	1,156,089	102
Arkansas .....	74,950	73,059	97	837,348	859,551	103
Delaware .....	16,631	17,119	103	177,186	188,644	106
Florida .....	4,203	4,525	108	48,392	47,892	99
Georgia .....	117,103	115,261	98	1,340,259	1,334,418	100
Kentucky .....	26,155	23,920	91	304,695	307,006	101
Louisiana .....	12,890	12,485	97	151,370	151,553	100
Maryland .....	26,676	26,381	99	298,701	309,943	104
Mississippi .....	62,051	62,099	100	698,856	709,502	102
Missouri .....	27,465	27,936	102	331,579	325,948	98
North Carolina .....	72,766	71,202	98	811,586	829,391	102
Oklahoma .....	22,348	22,669	101	261,924	256,806	98
Pennsylvania .....	15,130	16,013	106	172,976	179,256	104
South Carolina .....	17,513	19,315	110	192,759	212,354	110
Texas .....	50,650	51,651	102	577,556	599,076	104
Virginia .....	23,517	22,450	95	261,848	257,713	98
California, Tennessee, and West Virginia .....	39,288	40,170	102	453,504	471,778	104
19 States <sup>1</sup> .....	706,627	705,769	100	8,051,622	8,196,920	102
Other States <sup>2</sup> .....	26,351	27,191	103	313,510	318,161	101
United States .....	732,978	732,960	100	8,365,132	8,515,081	102

<sup>1</sup> States in the weekly hatchery production estimating program.

<sup>2</sup> Not published separately to avoid disclosing data for individual operations.

## Broiler-Type Chicks Hatched by Month – United States: 2014-2015

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

Month	By months			Cumulative		
	2014	2015	2015 as percent of 2014	2014	2015	2015 as percent of 2014
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	772,825	792,176	103	772,825	792,176	103
February .....	694,277	711,223	102	1,467,102	1,503,399	102
March .....	771,618	791,109	103	2,238,720	2,294,508	102
April .....	750,447	772,833	103	2,989,167	3,067,341	103
May .....	783,136	809,044	103	3,772,303	3,876,385	103
June .....	764,412	787,193	103	4,536,715	4,663,578	103
July .....	785,896	804,756	102	5,322,611	5,468,334	103
August .....	789,582	798,392	101	6,112,193	6,266,726	103
September .....	757,650	760,797	100	6,869,843	7,027,523	102
October .....	762,311	754,598	99	7,632,154	7,782,121	102
November .....	732,978	732,960	100	8,365,132	8,515,081	102
December .....	795,846			9,160,978		



## Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2014-2016

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

Month	Pullet chicks hatched		2015 as percent of 2014	Cumulative potential placements relative to current supply flocks 7-15 months earlier <sup>1</sup>	
	2014 (1,000 chicks)	2015 (1,000 chicks)		2015 (1,000 chicks)	2016 (1,000 chicks)
United States placements .....					
January .....	6,470	6,959	108	62,018	65,575
February .....	7,239	7,921	109	61,999	66,180
March .....	6,790	7,160	105	62,220	66,496
April .....	6,710	6,995	104	62,804	68,274
May .....	7,600	7,541	99	63,157	68,178
June .....	7,094	7,790	110	63,509	67,487
July .....	6,212	7,428	120	63,514	
August .....	7,436	7,907	106	63,763	
September .....	7,253	8,573	118	64,084	
October .....	6,823	6,863	101	64,150	
November .....	7,591	7,230	95	64,933	
December .....	6,795			65,038	
Annual total .....	84,013				
Total placements <sup>2</sup> .....					
January .....	8,077	8,382	104		
February .....	9,068	9,546	105		
March .....	8,702	8,875	102		
April .....	8,122	8,358	103		
May .....	9,470	9,409	99		
June .....	9,021	9,785	108		
July .....	7,916	9,907	125		
August .....	9,413	10,040	107		
September .....	9,228	10,810	117		
October .....	8,288	8,681	105		
November .....	9,540	8,872	93		
December .....	8,649				
Annual total .....	105,494				

<sup>1</sup> For November 2015, includes breeder pullet chicks hatched August 2014 through April 2015.

<sup>2</sup> 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 339 million layers by more than 1.6 percent. Chances are 9 out of 10 that the difference will not exceed 2.8 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) 2.8	(1,000) 4,284	(1,000) 37	(1,000) 10,162	(number) 21	(number) 3
Eggs .....	1.7	2.9	(million) 103	(million) 1	(million) 271	21	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.  
**South Atlantic:** Florida, Georgia, Virginia.  
**South Central:** Alabama, Mississippi, Texas.  
**West:** California, Idaho, New Mexico, Oregon.

## 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](mailto:nass@nass.usda.gov)

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