



# Chickens and Eggs

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## October Egg Production Down 9 Percent

United States egg production totaled 7.79 billion during October 2015, down 9 percent from last year. Production included 6.66 billion table eggs, and 1.13 billion hatching eggs, of which 1.05 billion were broiler-type and 82 million were egg-type. The total number of layers during October 2015 averaged 336 million, down 7 percent from last year. October egg production per 100 layers was 2,317 eggs, down 2 percent from October 2014.

All layers in the United States on November 1, 2015 totaled 337 million, down 7 percent from last year. The 337 million layers consisted of 279 million layers producing table or market type eggs, 54.3 million layers producing broiler-type hatching eggs, and 3.46 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2015, averaged 75.0 eggs per 100 layers, down 2 percent from November 1, 2014.

## Egg-Type Chicks Hatched Up 12 Percent

Egg-type chicks hatched during October 2015 totaled 50.0 million, up 12 percent from October 2014. Eggs in incubators totaled 47.4 million on November 1, 2015, up 25 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 330 thousand during October 2015, down 11 percent from October 2014.

## Broiler-Type Chicks Hatched Down 1 Percent

Broiler-type chicks hatched during October 2015 totaled 755 million, down 1 percent from October 2014. Eggs in incubators totaled 608 million on November 1, 2015, down 1 percent from a year ago.

Leading breeders placed 6.83 million broiler-type pullet chicks for future domestic hatchery supply flocks during October 2015, up slightly from October 2014.

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

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

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		336,118
November .....		364,017		

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

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

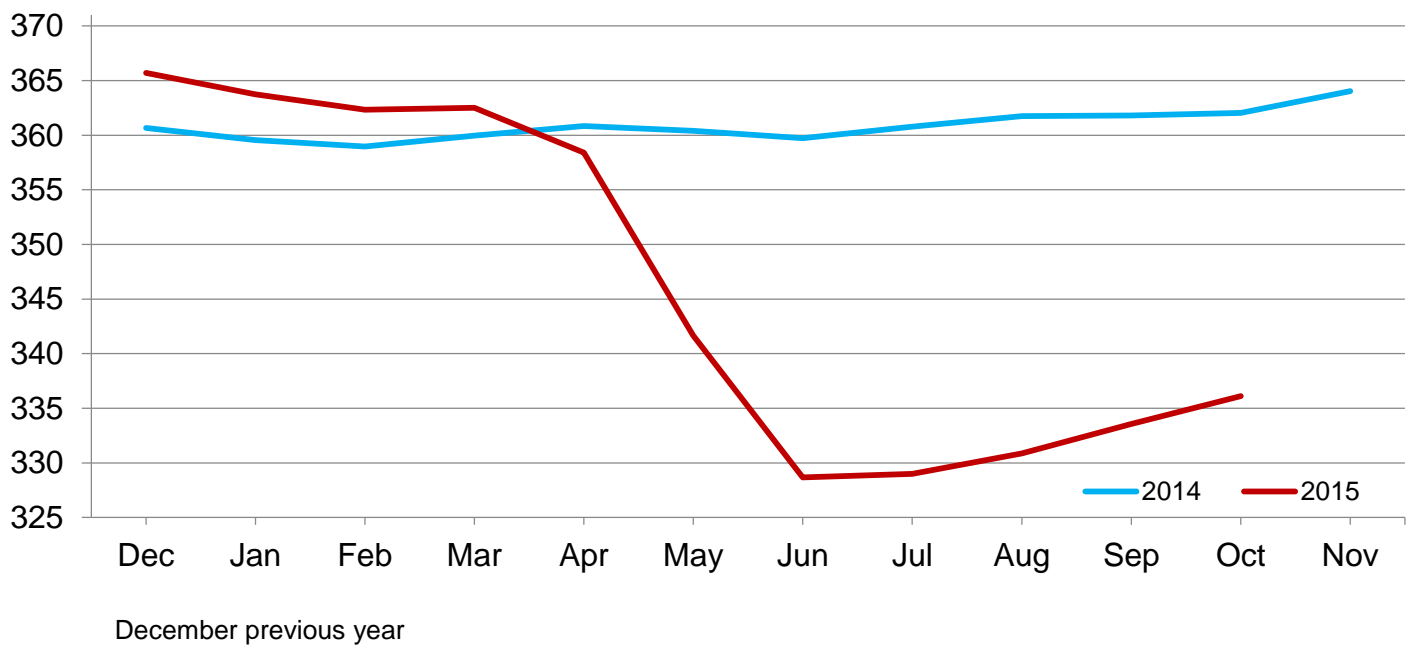
[Totals may not add due to rounding. Blank data cells indicate estimation period has not yet begun]

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	7,788	7,433	6,660	1,094	1,128
November .....	8,411		7,353		1,058	
During year .....	99,768		86,971		12,803	

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

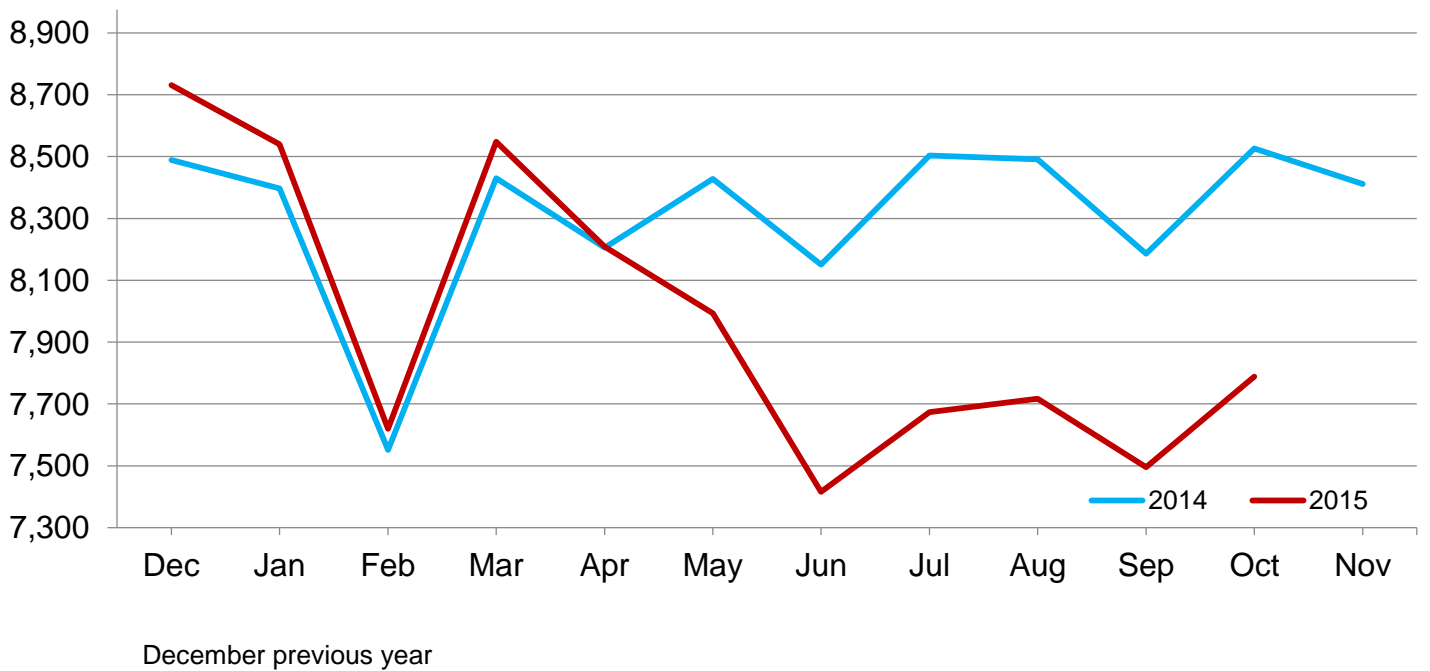
## Average Layers During the Month – United States

Million layers



## All Egg Production During the Month – United States

Million eggs



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

[Totals may not add due to rounding]

Item	2014	2015	2015 as percent of 2014
<b>Layers during September</b>			
All layers .....1,000	361,813	333,554	92
Table egg type .....1,000	306,022	275,857	90
Hatching egg type .....1,000	55,791	57,697	103
Broiler-type hatching .....1,000	52,594	54,464	104
Egg-type hatching .....1,000	3,197	3,233	101
<b>Eggs per 100 layers during September</b>			
All layers ..... number	2,262	2,247	99
Table egg type ..... number	2,329	2,319	100
Hatching egg type ..... number	1,900	1,903	100
Broiler-type hatching ..... number	1,873	1,873	100
Egg-type hatching ..... number	2,346	2,413	103
<b>Eggs produced during September</b>			
All layers ..... million	8,186	7,496	92
Table egg type ..... million	7,126	6,398	90
Hatching egg type ..... million	1,060	1,098	104
Broiler-type hatching ..... million	985	1,020	104
Egg-type hatching ..... million	75	78	104
<b>Layers on October 1</b>			
All layers .....1,000	362,044	334,948	93
Table egg type .....1,000	306,438	277,340	91
Hatching egg type .....1,000	55,606	57,608	104
Broiler-type hatching .....1,000	52,430	54,337	104
Egg-type hatching .....1,000	3,176	3,271	103
<b>Eggs per 100 layers on October 1</b>			
All layers ..... number	75.3	74.4	99
Table egg type ..... number	77.4	76.8	99
Hatching egg type ..... number	63.4	63.1	100
Broiler-type hatching ..... number	62.6	62.1	99
Egg-type hatching ..... number	76.5	79.3	104
<b>Molted layers on October 1</b>			
Being molted .....percent	3.3	3.4	103
Molt completed .....percent	19.3	20.9	108
Layers sold for slaughter during September .....1,000	15,709	13,967	89
Layers rendered, died, destroyed, composted or disappeared for any reason during September .....1,000	7,767	5,854	75
Pullets on October 1 .....1,000	107,168	110,723	103
Pullets added during September <sup>1</sup> .....1,000	23,334	25,961	111

<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: 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	336,118	93
Table egg type ..... 1,000	306,340	278,425	91
Hatching egg type ..... 1,000	55,694	57,693	104
Broiler-type hatching ..... 1,000	52,525	54,323	103
Egg-type hatching ..... 1,000	3,169	3,370	106
<b>Eggs per 100 layers during October</b>			
All layers ..... number	2,355	2,317	98
Table egg type ..... number	2,426	2,392	99
Hatching egg type ..... number	1,964	1,955	100
Broiler-type hatching ..... number	1,934	1,926	100
Egg-type hatching ..... number	2,461	2,433	99
<b>Eggs produced during October</b>			
All layers ..... million	8,526	7,788	91
Table egg type ..... million	7,433	6,660	90
Hatching egg type ..... million	1,094	1,128	103
Broiler-type hatching ..... million	1,016	1,046	103
Egg-type hatching ..... million	78	82	105
<b>Layers on November 1</b>			
All layers ..... 1,000	361,986	337,255	93
Table egg type ..... 1,000	306,224	279,494	91
Hatching egg type ..... 1,000	55,762	57,760	104
Broiler-type hatching ..... 1,000	52,607	54,299	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	77.4	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	3.0	150
Molt completed ..... percent	19.9	21.6	109
Layers sold for slaughter during October ..... 1,000	14,723	13,679	93
Layers rendered, died, destroyed, composted or disappeared for any reason during October ..... 1,000	7,111	5,130	72
Pullets on November 1 ..... 1,000	108,600	113,246	104
Pullets added during October <sup>1</sup> ..... 1,000	24,850	24,910	100

<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 September 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 .....	1,508	1,542	9,147	9,750	1,924	1,938
Arkansas .....	3,653	3,764	12,299	13,143	2,008	1,963
California .....	15,234	12,935	15,648	13,453	2,249	2,297
Colorado .....	4,359	4,217	4,732	4,672	2,473	2,376
Connecticut <sup>1</sup> .....	2,250	(NA)	2,344	(NA)	2,389	(NA)
Florida .....	8,191	8,557	8,586	8,965	2,213	2,186
Georgia .....	9,550	9,963	18,151	18,783	2,116	2,130
Illinois .....	4,417	4,426	4,905	4,903	2,508	2,386
Indiana .....	26,599	27,978	27,557	28,957	2,254	2,297
Iowa .....	58,415	32,928	59,550	34,066	2,317	2,161
Maine <sup>1</sup> .....	3,476	(NA)	3,531	(NA)	2,237	(NA)
Maryland .....	2,585	2,408	2,754	2,576	2,360	2,407
Michigan .....	12,766	12,554	12,982	12,771	2,511	2,490
Minnesota .....	10,813	8,791	11,270	9,249	2,289	2,195
Mississippi .....	1,422	1,534	5,457	5,627	1,942	2,008
Missouri .....	6,549	6,657	8,817	8,825	2,359	2,176
Nebraska .....	9,342	5,611	9,450	5,719	2,508	2,483
New York .....	4,701	4,938	5,053	5,289	2,434	2,439
North Carolina .....	6,180	6,711	13,653	14,394	2,036	2,091
Ohio .....	30,104	30,717	30,974	31,569	2,254	2,341
Oregon .....	2,184	2,298	2,323	2,437	2,626	2,503
Pennsylvania .....	23,702	23,919	25,582	25,805	2,443	2,438
South Carolina .....	2,996	2,960	4,214	4,212	2,088	2,255
South Dakota .....	2,484	1,404	2,626	1,546	2,475	2,329
Texas .....	14,760	15,644	18,782	19,635	2,156	2,144
Utah .....	4,432	4,243	4,470	4,281	2,371	2,313
Virginia .....	1,283	1,168	3,092	2,891	2,102	2,179
Washington .....	6,863	6,846	7,028	7,012	2,305	2,467
Wisconsin .....	4,344	3,977	5,121	4,754	2,304	2,335
Other States <sup>2</sup> .....	12,857	19,086	21,715	28,270	2,151	2,221
United States .....	298,019	267,776	361,813	333,554	2,262	2,247

(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 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	1,560	9,074	9,704	2,006	1,999
Arkansas .....	3,717	3,657	12,317	12,987	2,070	2,010
California .....	15,033	13,195	15,449	13,709	2,408	2,320
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	9,921	18,328	18,871	2,215	2,210
Illinois .....	4,411	4,577	4,897	5,048	2,532	2,536
Indiana .....	26,226	28,258	27,120	29,247	2,389	2,431
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	2,239	2,730	2,412	2,454	2,488
Michigan .....	12,888	12,650	13,103	12,868	2,503	2,580
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	6,458	8,700	8,671	2,379	2,364
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	31,035	31,197	31,885	2,391	2,418
Oregon .....	2,129	2,257	2,268	2,396	2,690	2,588
Pennsylvania .....	23,849	23,741	25,750	25,744	2,559	2,513
South Carolina .....	2,952	3,198	4,175	4,436	2,323	2,299
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	6,985	6,963	7,150	2,427	2,503
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	270,344	362,034	336,118	2,355	2,317

(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: September 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 .....	176	189	36	40	140	149
Arkansas .....	247	258	84	89	163	169
California .....	352	309	(D)	(D)	(D)	(D)
Colorado .....	117	111	(D)	(D)	(D)	(D)
Connecticut <sup>1</sup> .....	56	(NA)	(D)	(NA)	(D)	(NA)
Florida .....	190	196	185	191	5	5
Georgia .....	384	400	220	230	164	170
Illinois .....	123	117	118	112	5	5
Indiana .....	621	665	603	646	18	19
Iowa .....	1,380	736	1,365	721	15	15
Maine <sup>1</sup> .....	79	(NA)	(D)	(NA)	(D)	(NA)
Maryland .....	65	62	64	61	1	1
Michigan .....	326	318	(D)	(D)	(D)	(D)
Minnesota .....	258	203	252	197	6	6
Mississippi .....	106	113	32	36	74	77
Missouri .....	208	192	(D)	(D)	(D)	(D)
Nebraska .....	237	142	237	142	-	-
New York .....	123	129	(D)	(D)	(D)	(D)
North Carolina .....	278	301	144	158	134	143
Ohio .....	698	739	(D)	(D)	(D)	(D)
Oregon .....	61	61	61	61	-	-
Pennsylvania .....	625	629	600	603	25	26
South Carolina .....	88	95	68	72	20	23
South Dakota .....	65	36	65	36	-	-
Texas .....	405	421	(D)	(D)	(D)	(D)
Utah .....	106	99	106	99	-	-
Virginia .....	65	63	33	32	32	31
Washington .....	162	173	(D)	(D)	(D)	(D)
Wisconsin .....	118	111	(D)	(D)	(D)	(D)
Other States <sup>2</sup> .....	467	628	335	490	132	138
United States .....	8,186	7,496	7,126	6,398	1,060	1,098

- 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: 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	194	38	41	144	153
Arkansas .....	255	261	89	90	166	171
California .....	372	318	(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	417	235	239	171	178
Illinois .....	124	128	119	123	5	5
Indiana .....	648	711	631	691	17	20
Iowa .....	1,423	753	1,406	739	17	14
Maine <sup>1</sup> .....	83	(NA)	(D)	(NA)	(D)	(NA)
Maryland .....	67	60	66	58	1	2
Michigan .....	328	332	(D)	(D)	(D)	(D)
Minnesota .....	266	221	259	214	7	7
Mississippi .....	110	117	34	36	76	81
Missouri .....	207	205	(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	771	(D)	(D)	(D)	(D)
Oregon .....	61	62	61	62	-	-
Pennsylvania .....	659	647	632	619	27	28
South Carolina .....	97	102	75	78	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	179	(D)	(D)	(D)	(D)
Wisconsin .....	124	122	(D)	116	(D)	6
Other States <sup>2</sup> .....	482	646	348	507	135	139
United States .....	8,526	7,788	7,433	6,660	1,094	1,128

- 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. Blank data cells indicate estimation period has not yet begun]

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	3.0	19.9	21.6
December .....	1.3		19.3	

## Molted as Percent of All Layers – States and United States: November 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 .....	-	2.0	7.0	8.0
Arkansas .....	0.5	3.5	15.0	17.0
California .....	2.5	3.0	33.0	26.0
Colorado .....	3.0	3.5	26.5	18.5
Connecticut <sup>1</sup> .....	-	(NA)	10.5	(NA)
Florida .....	5.0	11.0	41.0	60.5
Georgia .....	2.0	2.0	19.0	17.0
Illinois .....	-	-	12.5	25.0
Indiana .....	1.0	1.0	28.5	26.0
Iowa .....	4.0	6.0	26.0	34.5
Maine <sup>1</sup> .....	-	(NA)	-	(NA)
Maryland .....	-	-	3.5	-
Michigan .....	-	-	9.5	8.5
Minnesota .....	4.0	1.0	17.5	18.0
Mississippi .....	3.0	4.5	14.0	19.5
Missouri .....	-	1.5	18.0	17.5
Nebraska .....	-	7.5	-	11.0
New York .....	1.5	-	7.0	1.0
North Carolina .....	-	2.5	17.0	17.5
Ohio .....	2.5	5.0	23.5	21.5
Oregon .....	-	0.5	17.0	17.0
Pennsylvania .....	0.5	0.5	1.5	7.0
South Carolina .....	2.5	-	8.0	12.0
South Dakota .....	4.0	-	14.5	13.0
Texas .....	2.0	7.5	35.0	47.0
Utah .....	1.0	4.0	34.5	37.0
Virginia .....	2.0	-	20.0	19.5
Washington .....	3.5	1.5	25.0	24.0
Wisconsin .....	2.0	-	35.5	26.5
Other States <sup>2</sup> .....	2.1	1.5	11.5	9.2
United States .....	2.0	3.0	19.9	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 November 1 .....	38,051	47,443	125
Chicks hatched during October .....	44,468	49,978	112
Chicks hatched January through October .....	438,822	469,852	107
<b>Pullets hatched during October for intended placements:</b>			
Hatchery supply flocks .....	369	330	89
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,868	3,251	113
<b>Broiler-type</b>			
Eggs in incubators on November 1 .....	612,407	608,271	99
Chicks hatched during October .....	762,311	754,585	99
Chicks hatched January through October .....	7,632,154	7,782,108	102
<b>Pullets hatched during October for intended placements:</b>			
Hatchery supply flocks .....	6,823	6,826	100
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	61,225	64,150	105

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

<sup>2</sup> 2015 includes pullet chicks hatched July 2014 through March 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	October 1		2015 as percent of 2014	November 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 .....	5,525	8,349	151	4,945	8,800	178
East North Central .....	9,491	9,391	99	8,636	9,296	108
West North Central .....	10,695	13,341	125	8,631	12,291	142
South Atlantic .....	5,626	5,259	93	4,732	4,896	103
South Central .....	5,649	7,456	132	5,103	6,102	120
West .....	6,289	6,048	96	6,004	6,058	101
United States .....	43,275	49,844	115	38,051	47,443	125

## 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	49,978	112	438,822	469,852	107
November .....	36,544			475,366		
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	
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			3,227	
December .....	248			3,238	
Total .....	3,074				

<sup>1</sup> For October 2015, includes breeder pullet chicks hatched April 2014 through March 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	October 1		2015 as percent of 2014	November 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 .....	13,837	13,364	97	13,047	13,132	101
East North Central .....	13,290	13,791	104	13,270	13,793	104
West North Central .....	29,314	29,352	100	27,484	28,648	104
South Atlantic .....	240,684	234,901	98	241,492	236,562	98
South Central .....	302,003	296,620	98	296,845	294,596	99
West .....	20,967	20,021	95	20,269	21,540	106
United States .....	620,095	608,049	98	612,407	608,271	99

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

State	During October			January-October		
	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 .....	102,927	104,595	102	1,033,792	1,056,570	102
Arkansas .....	78,539	78,824	100	762,398	786,492	103
Delaware .....	16,309	17,727	109	160,555	171,525	107
Florida .....	4,308	4,250	99	44,189	43,367	98
Georgia .....	123,568	118,712	96	1,223,156	1,219,149	100
Kentucky .....	28,016	27,000	96	278,540	283,086	102
Louisiana .....	13,128	13,590	104	138,480	139,068	100
Maryland .....	27,113	28,118	104	272,025	283,562	104
Mississippi .....	62,953	61,536	98	636,805	647,403	102
Missouri .....	30,075	29,702	99	304,114	298,012	98
North Carolina .....	72,663	70,510	97	738,820	758,189	103
Oklahoma .....	23,978	21,139	88	239,576	234,137	98
Pennsylvania .....	16,164	16,570	103	157,846	163,243	103
South Carolina .....	18,064	19,731	109	175,246	193,039	110
Texas .....	51,731	50,981	99	526,906	547,425	104
Virginia .....	23,644	23,229	98	238,331	235,263	99
California, Tennessee, and West Virginia .....	41,155	39,939	97	414,216	431,608	104
19 States <sup>1</sup> .....	734,335	726,153	99	7,344,995	7,491,138	102
Other States <sup>2</sup> .....	27,976	28,432	102	287,159	290,970	101
United States .....	762,311	754,585	99	7,632,154	7,782,108	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	754,585	99	7,632,154	7,782,108	102
November .....	732,978			8,365,132		
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	68,141
June .....	7,094	7,790	110	63,509	
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	6,826	100	64,150	
November .....	7,591			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	8,629	104		
November .....	9,540				
December .....	8,649				
Annual total .....	105,494				

<sup>1</sup> For October 2015, includes breeder pullet chicks hatched July 2014 through March 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 1.7 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 336 million layers by more than 1.7 percent. Chances are 9 out of 10 that the difference will not exceed 2.9 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) 1.7	(percent) 2.9	(1,000) 4,712	(1,000) 37	(1,000) 10,344	(number) 21	(number) 3
Eggs .....	1.8	3.0	(million) 113	(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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