



# Chickens and Eggs

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## August Egg Production Up 3 Percent

United States egg production totaled 8.04 billion during August 2013, up 3 percent from last year. Production included 6.95 billion table eggs, and 1.08 billion hatching eggs, of which 1.00 billion were broiler-type and 80 million were egg-type. The total number of layers during August 2013 averaged 346 million, up 3 percent from last year. August egg production per 100 layers was 2,322 eggs, down slightly from August 2012.

All layers in the United States on September 1, 2013 totaled 347 million, up 3 percent from last year. The 347 million layers consisted of 292 million layers producing table or market type eggs, 51.8 million layers producing broiler-type hatching eggs, and 3.18 million layers producing egg-type hatching eggs. Rate of lay per day on September 1, 2013, averaged 75.2 eggs per 100 layers, up slightly from September 1, 2012.

## Egg-Type Chicks Hatched Down 12 Percent

Egg-type chicks hatched during August 2013 totaled 35.8 million, down 12 percent from August 2012. Eggs in incubators totaled 36.1 million on September 1, 2013, down slightly from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 343 thousand during August 2013, up 2 percent from August 2012.

## Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during August 2013 totaled 774 million, up 2 percent from August 2012. Eggs in incubators totaled 625 million on September 1, 2013, up 5 percent from a year earlier.

Leading breeders placed 7.49 million broiler-type pullet chicks for future domestic hatchery supply flocks during August 2013, up 2 percent from August 2012.

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## Average Number of All Layers on Hand During the Month – United States: 2012-2013

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

Month	2012		2013	
	(1,000 layers)		(1,000 layers)	
December <sup>1</sup> .....		338,974		344,641
January .....		338,802		343,580
February .....		338,936		344,964
March .....		340,538		346,943
April .....		340,959		345,744
May .....		340,305		344,697
June .....		338,415		344,549
July .....		336,660		344,402
August .....		337,131		346,254
September .....		338,891		
October .....		341,894		
November .....		344,875		

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

## Egg Production During the Month by Type – United States: 2012-2013

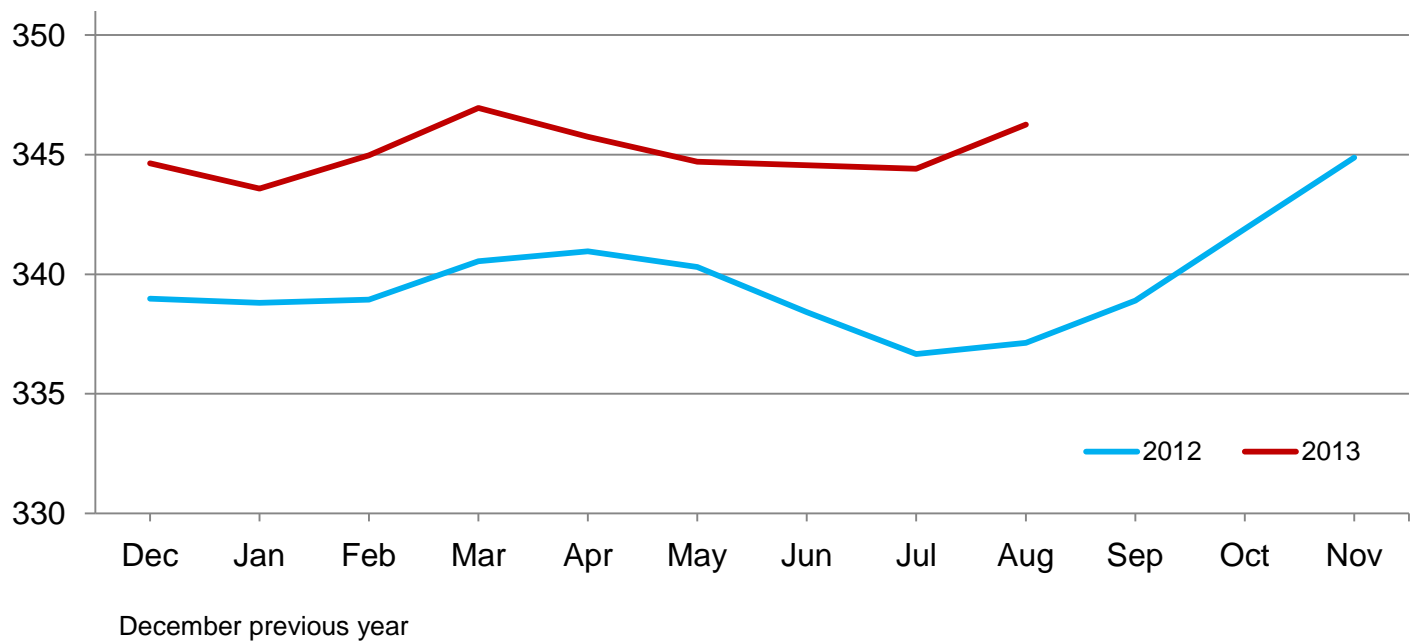
[Totals may not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2012	2013	2012	2013	2012	2013
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December <sup>1</sup> .....	7,952	8,090	6,917	7,048	1,035	1,042
January .....	7,859	7,991	6,812	6,931	1,048	1,060
February .....	7,249	7,207	6,261	6,243	987	963
March .....	7,880	8,067	6,822	6,985	1,058	1,082
April .....	7,615	7,812	6,580	6,751	1,036	1,061
May .....	7,817	8,022	6,741	6,920	1,077	1,102
June .....	7,541	7,750	6,510	6,683	1,032	1,067
July .....	7,766	7,966	6,719	6,877	1,048	1,089
August .....	7,838	8,039	6,802	6,954	1,037	1,084
September .....	7,595		6,607		989	
October .....	7,936		6,915		1,022	
November .....	7,847		6,850		997	
During year .....	92,894		80,532		12,366	

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

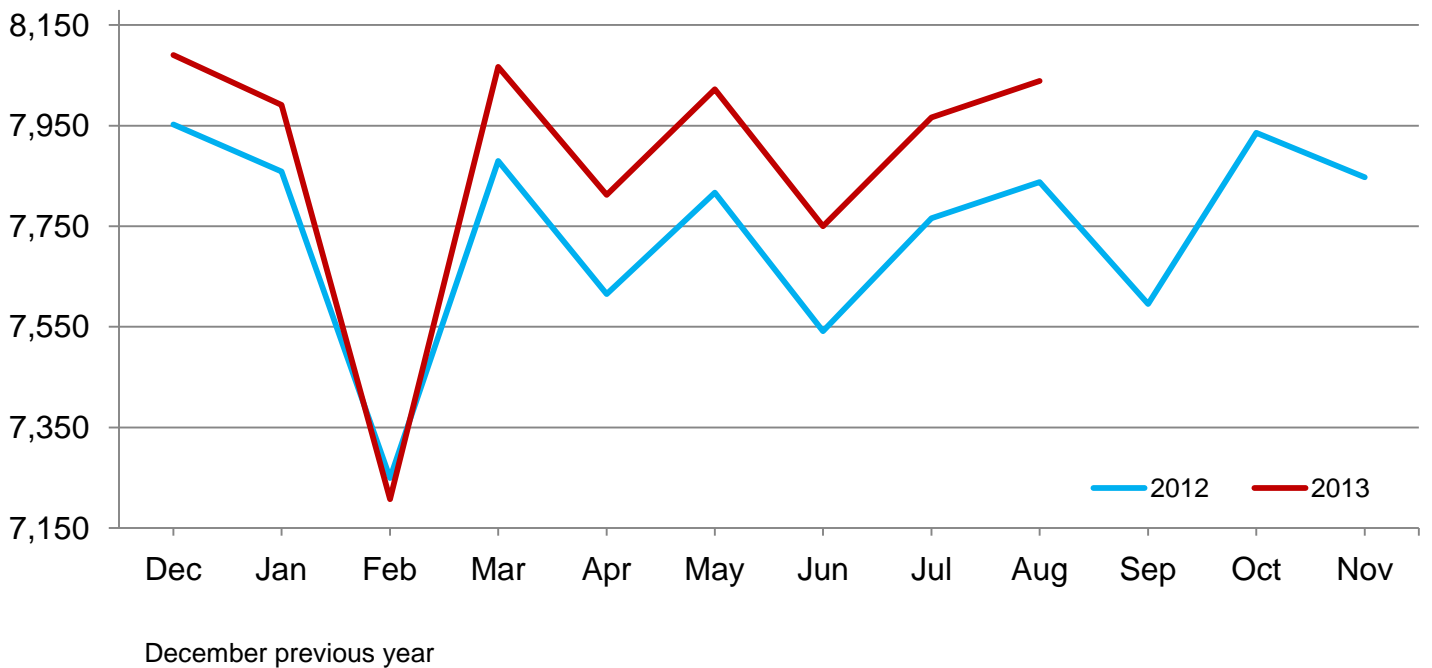
## Average Layers During the Month – United States

Million layers



## All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Forced Molt – United States:  
July-August 2012 and 2013**

[Totals may not add due to rounding]

Item	2012	2013	2013 as percent of 2012
Layers during July			
All layers .....1,000	336,660	344,402	102
Table egg type .....1,000	282,947	288,731	102
Hatching egg type .....1,000	53,713	55,671	104
Broiler-type hatching .....1,000	50,827	52,542	103
Egg-type hatching .....1,000	2,886	3,129	108
Eggs per 100 layers during July			
All layers ..... number	2,307	2,313	100
Table egg type ..... number	2,375	2,382	100
Hatching egg type ..... number	1,951	1,956	100
Broiler-type hatching ..... number	1,922	1,926	100
Egg-type hatching ..... number	2,460	2,461	100
Eggs produced during July			
All layers ..... million	7,766	7,966	103
Table egg type ..... million	6,719	6,877	102
Hatching egg type ..... million	1,048	1,089	104
Broiler-type hatching ..... million	977	1,012	104
Egg-type hatching ..... million	71	77	108
Layers on August 1			
All layers .....1,000	336,230	345,171	103
Table egg type .....1,000	283,033	289,373	102
Hatching egg type .....1,000	53,197	55,798	105
Broiler-type hatching .....1,000	50,332	52,647	105
Egg-type hatching .....1,000	2,865	3,151	110
Eggs per 100 layers on August 1			
All layers ..... number	74.8	74.4	99
Table egg type ..... number	77.0	76.8	100
Hatching egg type ..... number	63.1	62.4	99
Broiler-type hatching ..... number	62.2	61.3	99
Egg-type hatching ..... number	79.7	80.1	101
Forced molt layers on August 1			
Being molted .....percent	2.6	2.7	104
Molt completed .....percent	21.4	19.1	89
Layers sold for slaughter during July .....1,000	14,659	13,034	89
Layers rendered, died, destroyed, composted or disappeared for any reason during July .....1,000	7,507	6,337	84
Pullets on August 1 .....1,000	105,770	106,774	101
Pullets added during July <sup>1</sup> .....1,000	20,021	22,898	114

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

## Layers on Hand and Eggs Produced by Type and Forced Molt – United States: August-September 2012 and 2013

[Totals may not add due to rounding]

Item	2012	2013	2013 as percent of 2012
<b>Layers during August</b>			
All layers ..... 1,000	337,131	346,254	103
Table egg type ..... 1,000	284,318	290,875	102
Hatching egg type ..... 1,000	52,813	55,379	105
Broiler-type hatching ..... 1,000	49,922	52,213	105
Egg-type hatching ..... 1,000	2,891	3,166	110
<b>Eggs per 100 layers during August</b>			
All layers ..... number	2,325	2,322	100
Table egg type ..... number	2,392	2,391	100
Hatching egg type ..... number	1,964	1,957	100
Broiler-type hatching ..... number	1,935	1,923	99
Egg-type hatching ..... number	2,456	2,527	103
<b>Eggs produced during August</b>			
All layers ..... million	7,838	8,039	103
Table egg type ..... million	6,802	6,954	102
Hatching egg type ..... million	1,037	1,084	105
Broiler-type hatching ..... million	966	1,004	104
Egg-type hatching ..... million	71	80	113
<b>Layers on September 1</b>			
All layers ..... 1,000	337,998	347,301	103
Table egg type ..... 1,000	285,585	292,356	102
Hatching egg type ..... 1,000	52,413	54,945	105
Broiler-type hatching ..... 1,000	49,502	51,766	105
Egg-type hatching ..... 1,000	2,911	3,179	109
<b>Eggs per 100 layers on September 1</b>			
All layers ..... number	75.1	75.2	100
Table egg type ..... number	77.4	77.3	100
Hatching egg type ..... number	63.1	63.8	101
Broiler-type hatching ..... number	62.3	62.7	101
Egg-type hatching ..... number	78.0	81.8	105
<b>Forced molt layers on September 1</b>			
Being molted ..... percent	3.1	2.8	90
Molt completed ..... percent	20.7	18.9	91
Layers sold for slaughter during August ..... 1,000	14,793	14,350	97
Layers rendered, died, destroyed, composted or disappeared for any reason during August ..... 1,000	7,758	5,301	68
Pullets on September 1 ..... 1,000	106,576	104,611	98
Pullets added during August <sup>1</sup> ..... 1,000	25,890	20,619	80

<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 July 2012 and 2013

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2012	2013	2012	2013	2012	2013
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,539	1,304	9,092	9,055	2,013	2,032
Arkansas .....	3,672	3,616	12,216	12,649	2,137	2,087
California .....	19,207	18,656	19,559	19,019	2,352	2,424
Colorado .....	3,787	4,218	4,201	4,678	2,523	2,373
Connecticut .....	2,266	2,311	2,335	2,380	2,441	2,437
Florida .....	8,044	7,532	8,372	7,884	2,293	2,283
Georgia .....	8,315	8,689	16,698	17,499	2,138	2,137
Illinois .....	4,083	3,768	4,333	4,034	2,308	2,405
Indiana .....	24,355	25,492	25,033	26,463	2,313	2,313
Iowa .....	50,790	51,521	51,752	52,497	2,350	2,343
Maine .....	3,452	3,422	3,507	3,477	2,367	2,358
Maryland .....	2,111	2,050	2,225	2,169	2,382	2,444
Michigan .....	11,773	12,169	11,923	12,321	2,499	2,467
Minnesota .....	9,807	9,811	10,232	10,265	2,355	2,396
Mississippi .....	1,460	1,579	5,719	5,862	2,098	2,013
Missouri .....	5,484	6,287	6,937	7,797	2,335	2,309
Nebraska .....	9,072	9,251	9,122	9,301	2,499	2,473
New York .....	4,115	4,139	4,348	4,369	2,507	2,518
North Carolina .....	5,623	5,586	12,678	12,842	1,988	2,079
Ohio .....	26,955	28,179	27,491	28,640	2,292	2,304
Oregon .....	2,027	2,085	2,185	2,180	2,609	2,752
Pennsylvania .....	22,570	23,486	23,641	24,627	2,508	2,489
South Carolina .....	3,013	3,079	4,268	4,344	2,226	2,233
South Dakota .....	2,032	2,751	2,072	2,791	2,510	2,544
Texas .....	14,887	14,474	18,670	18,326	2,266	2,303
Utah .....	3,611	3,952	3,641	3,982	2,362	2,361
Virginia .....	1,180	1,126	2,799	2,792	2,072	2,006
Washington .....	6,601	6,829	6,716	6,944	2,367	2,319
Wisconsin .....	4,364	4,434	4,969	5,007	2,375	2,377
Other States <sup>1</sup> .....	12,162	12,321	19,926	20,208	2,198	2,237
United States .....	278,357	284,117	336,660	344,402	2,307	2,313

<sup>1</sup> Includes data for States not published in this table.



## Layers on Hand and Eggs Produced – States and United States: During August 2012 and 2013

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2012	2013	2012	2013	2012	2013
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,525	1,324	9,082	9,038	2,048	2,014
Arkansas .....	3,670	3,660	12,084	12,584	2,152	2,066
California .....	19,345	18,873	19,700	19,228	2,355	2,429
Colorado .....	3,770	4,216	4,221	4,667	2,511	2,571
Connecticut .....	2,238	2,280	2,305	2,345	2,516	2,516
Florida .....	8,188	7,653	8,507	7,986	2,363	2,254
Georgia .....	8,456	8,771	16,667	17,501	2,154	2,154
Illinois .....	3,848	3,880	4,109	4,142	2,409	2,414
Indiana .....	24,410	25,719	25,087	26,667	2,308	2,284
Iowa .....	51,226	51,870	52,177	52,863	2,371	2,348
Maine .....	3,475	3,445	3,530	3,500	2,295	2,286
Maryland .....	2,254	2,250	2,363	2,373	2,412	2,402
Michigan .....	11,931	12,310	12,081	12,462	2,417	2,496
Minnesota .....	9,741	9,861	10,163	10,316	2,411	2,414
Mississippi .....	1,461	1,579	5,545	5,878	2,128	2,042
Missouri .....	5,325	6,112	6,768	7,621	2,408	2,441
Nebraska .....	8,966	9,206	9,016	9,256	2,507	2,517
New York .....	4,168	4,213	4,400	4,438	2,523	2,456
North Carolina .....	5,734	5,832	12,595	13,029	2,048	2,049
Ohio .....	26,812	28,178	27,338	28,645	2,323	2,353
Oregon .....	2,146	2,170	2,304	2,265	2,648	2,649
Pennsylvania .....	23,004	23,787	24,085	24,968	2,479	2,503
South Carolina .....	2,984	3,103	4,206	4,360	2,330	2,225
South Dakota .....	2,207	2,639	2,247	2,679	2,537	2,501
Texas .....	14,934	14,599	18,685	18,477	2,301	2,289
Utah .....	3,614	3,885	3,644	3,915	2,415	2,350
Virginia .....	1,123	1,184	2,666	2,824	2,138	2,018
Washington .....	6,611	6,867	6,726	6,982	2,334	2,378
Wisconsin .....	4,341	4,476	4,946	5,058	2,406	2,372
Other States <sup>1</sup> .....	12,221	12,319	19,884	20,187	2,208	2,234
United States .....	279,728	286,261	337,131	346,254	2,325	2,322

<sup>1</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: July 2012 and 2013

[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	
	2012	2013	2012	2013	2012	2013
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	183	184	38	32	145	152
Arkansas .....	261	264	92	88	169	176
California .....	460	461	(D)	(D)	(D)	(D)
Colorado .....	106	111	(D)	(D)	(D)	(D)
Connecticut .....	57	58	(D)	(D)	(D)	(D)
Florida .....	192	180	187	175	5	5
Georgia .....	357	374	194	202	163	172
Illinois .....	100	97	96	93	4	4
Indiana .....	579	612	566	593	13	19
Iowa .....	1,216	1,230	1,200	1,214	16	16
Maine .....	83	82	(D)	(D)	(D)	(D)
Maryland .....	53	53	52	51	1	2
Michigan .....	298	304	(D)	(D)	(D)	(D)
Minnesota .....	241	246	234	238	7	8
Mississippi .....	120	118	36	37	84	81
Missouri .....	162	180	(D)	(D)	(D)	(D)
Nebraska .....	228	230	228	230	-	-
New York .....	109	110	(D)	(D)	(D)	(D)
North Carolina .....	252	267	126	134	126	133
Ohio .....	630	660	(D)	(D)	(D)	(D)
Oregon .....	57	60	55	59	2	1
Pennsylvania .....	593	613	575	593	18	20
South Carolina .....	95	97	72	74	23	23
South Dakota .....	52	71	52	71	-	-
Texas .....	423	422	(D)	(D)	(D)	(D)
Utah .....	86	94	86	94	-	-
Virginia .....	58	56	28	24	30	32
Washington .....	159	161	(D)	(D)	(D)	(D)
Wisconsin .....	118	119	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	438	452	315	325	124	127
United States .....	7,766	7,966	6,719	6,877	1,048	1,089

- Represents zero.

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

<sup>1</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: August 2012 and 2013

[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	
	2012	2013	2012	2013	2012	2013
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	186	182	38	31	148	151
Arkansas .....	260	260	93	88	167	172
California .....	464	467	(D)	(D)	(D)	(D)
Colorado .....	106	120	(D)	(D)	(D)	(D)
Connecticut .....	58	59	(D)	(D)	(D)	(D)
Florida .....	201	180	196	176	5	4
Georgia .....	359	377	199	206	160	171
Illinois .....	99	100	95	96	4	4
Indiana .....	579	609	567	590	12	19
Iowa .....	1,237	1,241	1,221	1,224	16	17
Maine .....	81	80	(D)	(D)	(D)	(D)
Maryland .....	57	57	56	55	1	2
Michigan .....	292	311	(D)	(D)	(D)	(D)
Minnesota .....	245	249	238	241	7	8
Mississippi .....	118	120	37	38	81	82
Missouri .....	163	186	(D)	(D)	(D)	(D)
Nebraska .....	226	233	226	233	-	-
New York .....	111	109	(D)	(D)	(D)	(D)
North Carolina .....	258	267	135	134	123	133
Ohio .....	635	674	(D)	(D)	(D)	(D)
Oregon .....	61	60	58	59	3	1
Pennsylvania .....	597	625	579	603	18	22
South Carolina .....	98	97	76	74	22	23
South Dakota .....	57	67	57	67	-	-
Texas .....	430	423	(D)	(D)	(D)	(D)
Utah .....	88	92	88	92	-	-
Virginia .....	57	57	28	25	29	32
Washington .....	157	166	(D)	(D)	(D)	(D)
Wisconsin .....	119	120	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	439	451	317	324	123	127
United States .....	7,838	8,039	6,802	6,954	1,037	1,084

- Represents zero.

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

<sup>1</sup> Includes data for States not published in this table.

## Forced Molt as Percent of All Layers by Month – United States: 2012-2013

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

Month	Being molted		Molt completed	
	2012	2013	2012	2013
	(percent)	(percent)	(percent)	(percent)
January .....	2.9	3.0	19.9	19.3
February .....	4.9	3.7	18.9	19.0
March .....	3.9	2.6	20.0	19.3
April .....	3.0	2.1	20.0	19.1
May .....	4.4	3.5	20.1	18.2
June .....	3.1	2.8	20.8	18.2
July .....	3.0	3.1	21.1	18.4
August .....	2.6	2.7	21.4	19.1
September .....	3.1	2.8	20.7	18.9
October .....	3.6		20.9	
November .....	2.2		21.1	
December .....	1.4		20.4	

## Forced Molt as Percent of All Layers – States and United States: September 1, 2012 and 2013

[As of the first of the month]

State	Being molted		Molt completed	
	2012	2013	2012	2013
	(percent)	(percent)	(percent)	(percent)
Alabama .....	1.0	0.5	7.0	6.0
Arkansas .....	1.1	2.0	10.2	10.0
California .....	2.0	3.5	30.5	27.5
Colorado .....	4.0	1.0	34.5	18.0
Connecticut .....	-	-	9.5	10.5
Florida .....	2.5	7.0	40.5	31.0
Georgia .....	2.0	1.0	13.5	16.5
Illinois .....	-	3.5	19.0	21.5
Indiana .....	2.5	4.0	30.5	23.0
Iowa .....	4.5	3.5	27.5	27.0
Maine .....	-	-	-	-
Maryland .....	0.5	-	5.0	4.0
Michigan .....	4.5	1.0	11.0	12.0
Minnesota .....	3.5	2.5	23.5	23.5
Mississippi .....	1.0	2.0	10.5	8.0
Missouri .....	1.5	3.5	20.0	20.0
Nebraska .....	1.0	1.0	1.0	3.0
New York .....	0.5	-	15.0	5.5
North Carolina .....	2.0	2.0	14.5	15.5
Ohio .....	4.5	2.0	22.5	20.5
Oregon .....	8.5	-	30.0	27.0
Pennsylvania .....	3.0	2.0	9.5	9.5
South Carolina .....	-	-	18.5	13.0
South Dakota .....	4.0	1.0	26.5	7.0
Texas .....	3.5	5.5	24.0	26.0
Utah .....	4.5	7.0	34.0	30.0
Virginia .....	7.0	4.0	12.0	12.5
Washington .....	4.0	8.0	30.5	23.5
Wisconsin .....	11.0	2.5	24.5	23.5
Other States <sup>1</sup> .....	2.4	2.6	18.2	17.0
United States .....	3.1	2.8	20.7	18.9

- Represents zero.

<sup>1</sup> Includes data for States not published in this table.

## Hatchery Production – United States: 2012 and 2013

Item	2012	2013	2013 as percent of 2012
	(1,000)	(1,000)	(percent)
<b>Egg-type</b>			
Eggs in incubators on September 1 .....	36,267	36,120	100
Chicks hatched during August .....	40,645	35,828	88
Chicks hatched January through August .....	322,941	330,753	102
<b>Pullets hatched during August for intended placements:</b>			
Hatchery supply flocks .....	337	343	102
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	3,110	2,764	89
<b>Broiler-type</b>			
Eggs in incubators on September 1 .....	597,664 <sup>2</sup>	624,732	105
Chicks hatched during August .....	758,941 <sup>2</sup>	773,635	102
Chicks hatched January through August .....	6,026,438 <sup>2</sup>	6,061,740	101
<b>Pullets hatched during August for intended placements:</b>			
Hatchery supply flocks .....	7,338	7,490	102
Cumulative potential placements 7-15 months earlier <sup>3</sup> .....	61,566	60,370	98

<sup>1</sup> 2013 includes pullet chicks hatched February 2012 through January 2013.

<sup>2</sup> Revisions reflect a methodology change to exclude broiler-type hatcheries that hatch less than one million chicks on an annual basis

<sup>3</sup> 2013 includes pullet chicks hatched May 2012 through January 2013.

## Egg-Type Eggs in Incubators on the First of the Month – Regions and United States: 2012 and 2013

[See regional listing on page 19]

Region	August 1		2013 as percent of 2012	September 1		2013 as percent of 2012
	2012	2013		2012	2013	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	4,298	4,716	110	3,663	3,400	93
East North Central .....	7,148	6,190	87	6,540	5,979	91
West North Central .....	10,206	8,664	85	9,645	11,189	116
South Atlantic .....	4,700	4,606	98	4,906	4,824	98
South Central .....	5,082	4,169	82	5,087	5,067	100
West .....	7,077	6,201	88	6,426	5,661	88
United States .....	38,511	34,546	90	36,267	36,120	100

## Egg-Type Chicks Hatched by Month – United States: 2012-2013

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

Month	By months			Cumulative		
	2012	2013	2013 as percent of 2012	2012	2013	2013 as percent of 2012
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	39,908	41,820	105	39,908	41,820	105
February .....	39,680	40,386	102	79,588	82,206	103
March .....	42,535	42,744	100	122,123	124,950	102
April .....	41,050	43,565	106	163,173	168,515	103
May .....	44,612	47,555	107	207,785	216,070	104
June .....	38,848	40,052	103	246,633	256,122	104
July .....	35,663	38,803	109	282,296	294,925	104
August .....	40,645	35,828	88	322,941	330,753	102
September .....	37,639			360,580		
October .....	36,486			397,066		
November .....	36,483			433,549		
December .....	37,103			470,652		

## Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2012-2014

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

Month	Pullet chicks hatched		2013 as percent of 2012	Cumulative potential placements relative to current supply flocks 7-18 months earlier <sup>1</sup>	
	2012	2013		2013	2014
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	263	350	133	2,834	2,791
February .....	238	224	94	2,871	2,787
March .....	210	172	82	2,890	2,793
April .....	137	233	170	2,844	
May .....	302	215	71	2,764	
June .....	119	189	159	2,788	
July .....	271	267	99	2,677	
August .....	337	343	102	2,764	
September .....	206			2,750	
October .....	186			2,712	
November .....	242			2,808	
December .....	166			2,721	
Total .....	2,677				

<sup>1</sup> For August 2013, includes breeder pullet chicks hatched February 2012 through January 2013. 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: 2012 and 2013

[See regional listing on page 19]

Region	August 1		2013 as percent of 2012	September 1		2013 as percent of 2012
	2012 <sup>1</sup>	2013		2012 <sup>1</sup>	2013	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	12,241	12,983	106	12,065	12,886	107
East North Central .....	12,771	13,361	105	12,903	13,693	106
West North Central .....	29,489	30,178	102	29,752	30,574	103
South Atlantic .....	231,885	239,985	103	228,285	240,180	105
South Central .....	302,488	308,296	102	294,009	306,095	104
West .....	21,921	20,264	92	20,650	21,304	103
United States .....	610,795	625,067	102	597,664	624,732	105

<sup>1</sup> Revisions reflect a methodology change to exclude broiler-type hatcheries that hatch less than one million chicks on an annual basis.

## Broiler-Type Chicks Hatched – States and United States: August 2012 and 2013

State	During August			January-August		
	2012 <sup>1</sup>	2013	2013 as percent of 2012	2012 <sup>1</sup>	2013	2013 as percent of 2012
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama .....	104,295	104,853	101	826,367	821,578	99
Arkansas .....	77,431	79,931	103	614,987	633,830	103
Delaware .....	12,809	13,305	104	100,777	101,870	101
Florida .....	4,515	4,520	100	35,187	35,204	100
Georgia .....	118,847	124,631	105	943,214	965,277	102
Kentucky .....	28,680	29,151	102	221,777	223,067	101
Louisiana .....	12,150	13,529	111	101,397	102,627	101
Maryland .....	27,562	27,801	101	215,293	215,256	100
Mississippi .....	66,907	65,241	98	532,381	517,086	97
Missouri .....	29,903	30,739	103	231,540	242,175	105
North Carolina .....	73,105	73,976	101	588,734	584,185	99
Oklahoma .....	24,065	25,430	106	196,774	195,209	99
Pennsylvania .....	13,300	15,051	113	108,910	113,748	104
South Carolina .....	19,268	18,216	95	151,272	145,468	96
Texas .....	54,255	55,692	103	434,947	434,981	100
Virginia .....	23,024	23,888	104	181,374	188,839	104
California, Tennessee, and West Virginia .....	40,458	39,520	98	321,519	310,594	97
19 States <sup>2</sup> .....	730,574	745,474	102	5,806,450	5,830,994	100
Other States <sup>3</sup> .....	28,367	28,161	99	219,988	230,746	105
United States .....	758,941	773,635	102	6,026,438	6,061,740	101

<sup>1</sup> Revisions reflect a methodology change to exclude broiler-type hatcheries that hatch less than one million chicks on an annual basis.

<sup>2</sup> States in the weekly hatchery production estimating program.

<sup>3</sup> Not published separately to avoid disclosing data for individual operations.

## Broiler-Type Chicks Hatched by Month – United States: 2012-2013

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

Month	By months			Cumulative		
	2012 <sup>1</sup>	2013	2013 as percent of 2012	2012 <sup>1</sup>	2013	2013 as percent of 2012
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	752,268	762,426	101	752,268	762,426	101
February .....	705,209	689,773	98	1,457,477	1,452,199	100
March .....	764,239	770,145	101	2,221,716	2,222,344	100
April .....	747,792	747,619	100	2,969,508	2,969,963	100
May .....	777,717	774,982	100	3,747,225	3,744,945	100
June .....	756,795	761,741	101	4,504,020	4,506,686	100
July .....	763,477	781,419	102	5,267,497	5,288,105	100
August .....	758,941	773,635	102	6,026,438	6,061,740	101
September .....	718,778			6,745,216		
October .....	727,436			7,472,652		
November .....	694,041			8,166,693		
December .....	763,090			8,929,783		

<sup>1</sup> Revisions reflect a methodology change to exclude broiler-type hatcheries that hatch less than one million chicks on an annual basis.



## Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2012-2014

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

Month	Pullet chicks hatched		2013 as percent of 2012	Cumulative potential placements relative to current supply flocks 7-15 months earlier <sup>1</sup>	
	2012 (1,000 chicks)	2013 (1,000 chicks)		2013 (1,000 chicks)	2014 (1,000 chicks)
United States placements					
January .....	6,673	6,303	94	60,874	60,546
February .....	7,025	7,156	102	60,656	60,850
March .....	6,753	6,589	98	61,094	61,573
April .....	6,524	6,222	95	61,342	
May .....	7,472	7,565	101	60,934	
June .....	6,800	7,011	103	60,676	
July .....	6,071	6,569	108	60,591	
August .....	7,338	7,490	102	60,370	
September .....	6,686			60,054	
October .....	6,265			59,843	
November .....	6,767			59,994	
December .....	6,668			60,221	
Annual total .....	81,042				
Total placements <sup>2</sup>					
January .....	8,201	8,012	98		
February .....	8,818	8,708	99		
March .....	8,525	8,277	97		
April .....	8,232	7,815	95		
May .....	9,430	9,100	97		
June .....	8,554	8,860	104		
July .....	7,447	8,174	110		
August .....	9,241	9,092	98		
September .....	8,397				
October .....	7,812				
November .....	8,605				
December .....	7,847				
Annual total .....	101,109				

<sup>1</sup> For August 2013, includes breeder pullet chicks hatched May 2012 through January 2013.

<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 0.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 346 million layers by more than 0.3 percent. Chances are 9 out of 10 that the difference will not exceed 0.5 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) 0.3	(percent) 0.5	(1,000) 792	(1,000) 6	(1,000) 2,041	(number) 19	(number) 5
Eggs .....	0.3	0.5	(million) 19	(million) 0	(million) 51	18	4

## Egg-Type Regional Listing

**North Atlantic:** Connecticut, New York, Pennsylvania.  
**East North Central:** Illinois, Indiana, Michigan, Ohio, Wisconsin.  
**West North Central:** Iowa, Kansas, Minnesota, Missouri.  
**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.

## 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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Tom Kruchten – Census of Aquaculture, Honey .....	(202) 690-4870
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