



# Chickens and Eggs

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## July Egg Production Up 2 Percent

United States egg production totaled 9.10 billion during July 2018, up 2 percent from last year. Production included 7.90 billion table eggs, and 1.20 billion hatching eggs, of which 1.12 billion were broiler-type and 84.0 million were egg-type. The average number of layers during July 2018 totaled 385 million, up 3 percent from last year. July egg production per 100 layers was 2,364 eggs, down 2 percent from July 2017.

All layers in the United States on August 1, 2018 totaled 384 million, up 3 percent from last year. The 384 million layers consisted of 323 million layers producing table or market type eggs, 58.2 million layers producing broiler-type hatching eggs, and 3.37 million layers producing egg-type hatching eggs. Rate of lay per day on August 1, 2018, averaged 76.4 eggs per 100 layers, down 2 percent from August 1, 2017.

## Egg-Type Chicks Hatched Up 21 Percent

Egg-type chicks hatched during July 2018 totaled 50.8 million, up 21 percent from July 2017. Eggs in incubators totaled 46.7 million on August 1, 2018, up 15 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 176 thousand during July 2018, down 28 percent from July 2017.

## Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during July 2018 totaled 844 million, up 2 percent from July 2017. Eggs in incubators totaled 687 million on August 1, 2018, up 1 percent from a year ago.

Leading breeders placed 7.63 million broiler-type pullet chicks for future domestic hatchery supply flocks during July 2018, up 8 percent from July 2017.

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## Average Layers During the Month – United States: 2017-2018

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

Month	2017		2018	
	(1,000 layers)		(1,000 layers)	
December <sup>1</sup> .....		377,371		382,301
January .....		377,198		382,255
February .....		376,341		384,086
March .....		376,257		386,512
April .....		375,748		386,754
May .....		373,642		386,325
June .....		372,430		385,900
July .....		372,632		385,034
August .....		373,901		
September .....		375,748		
October .....		378,028		
November .....		380,820		

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

## Egg Production During the Month by Type – United States: 2017-2018

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

Month	Total eggs		Table eggs		Hatching eggs	
	2017	2018	2017	2018	2017	2018
	(million eggs)					
December <sup>1</sup> .....	9,099.7	9,104.1	7,953.9	7,963.9	1,145.8	1,140.2
January .....	9,053.4	8,984.9	7,916.4	7,841.8	1,137.0	1,143.1
February .....	8,124.2	8,145.4	7,095.8	7,099.8	1,028.4	1,045.6
March .....	9,006.5	9,098.9	7,861.5	7,932.0	1,145.0	1,166.9
April .....	8,686.6	8,806.3	7,572.8	7,665.0	1,113.8	1,141.3
May .....	8,917.8	9,122.5	7,764.5	7,932.6	1,153.3	1,189.9
June .....	8,636.0	8,831.8	7,513.8	7,670.4	1,122.2	1,161.4
July .....	8,952.9	9,104.0	7,782.1	7,903.1	1,170.8	1,200.9
August .....	8,922.3		7,755.2		1,167.1	
September .....	8,578.3		7,456.6		1,121.7	
October .....	8,920.2		7,763.3		1,156.9	
November .....	8,790.8		7,676.3		1,114.5	

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

## Egg Production During the Month in Dozens by Type – United States: 2017-2018

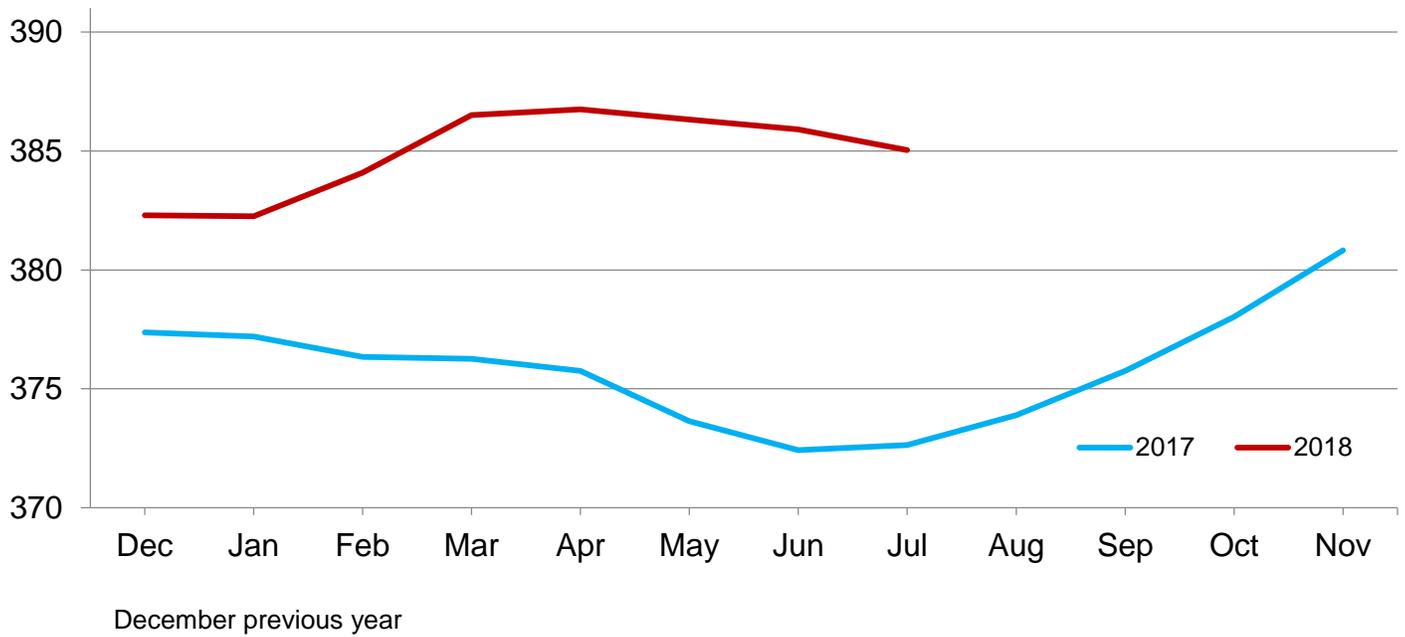
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2017	2018	2017	2018	2017	2018
	(1,000 dozen eggs)					
December <sup>1</sup> .....	758,308.1	758,675.4	662,824.8	663,658.3	95,483.3	95,017.1
January .....	754,450.2	748,741.7	659,699.8	653,483.3	94,750.4	95,258.4
February .....	677,016.7	678,784.0	591,316.9	591,650.7	85,699.8	87,133.3
March .....	750,542.0	758,241.5	655,125.1	660,999.7	95,416.9	97,241.8
April .....	723,883.8	733,858.1	631,067.0	638,750.0	92,816.8	95,108.1
May .....	743,150.1	760,207.7	647,041.4	661,049.7	96,108.7	99,158.0
June .....	719,667.1	735,983.6	626,150.1	639,200.3	93,517.0	96,783.3
July .....	746,075.8	758,666.7	648,508.7	658,591.6	97,567.1	100,075.1
August .....	743,525.7		646,266.9		97,258.8	
September .....	714,858.2		621,383.2		93,475.0	
October .....	743,350.7		646,941.9		96,408.8	
November .....	732,566.8		639,691.9		92,874.9	

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

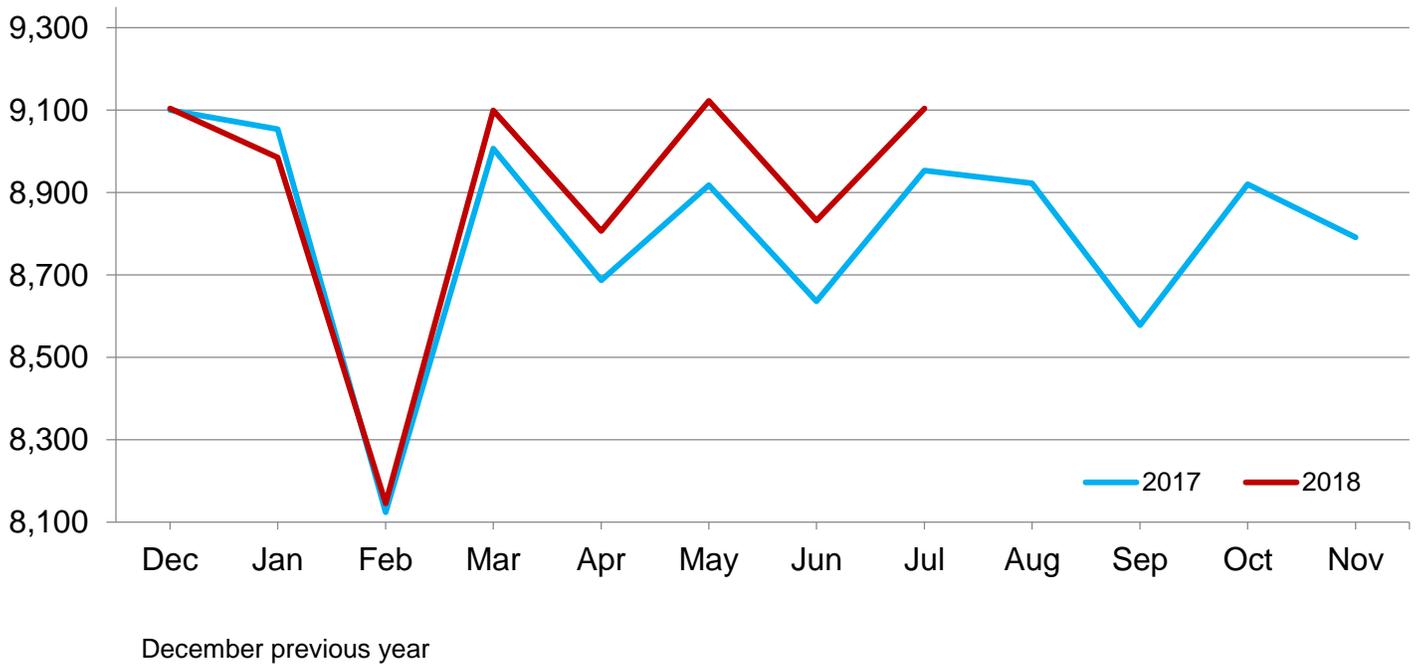
## Average Layers During the Month – United States

Million layers



## All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States: June-July 2017 and 2018**

Item	2017	2018	2018 as percent of 2017
<b>Layers during June</b>			
All layers ..... 1,000	372,430	385,900	104
Table egg type ..... 1,000	312,162	323,472	104
Hatching egg type ..... 1,000	60,268	62,428	104
Broiler-type hatching ..... 1,000	57,142	59,088	103
Egg-type hatching ..... 1,000	3,126	3,340	107
<b>Eggs per 100 layers during June</b>			
All layers ..... number	2,319	2,289	99
Table egg type ..... number	2,407	2,371	99
Hatching egg type ..... number	1,862	1,860	100
Broiler-type hatching ..... number	1,837	1,831	100
Egg-type hatching ..... number	2,326	2,377	102
<b>Eggs produced during June</b>			
All layers ..... million	8,636.0	8,831.8	102
Table egg type ..... million	7,513.8	7,670.4	102
Hatching egg type ..... million	1,122.2	1,161.4	103
Broiler-type hatching ..... million	1,049.5	1,082.0	103
Egg-type hatching ..... million	72.7	79.4	109
<b>Eggs produced during June</b>			
All layers ..... 1,000 dozen	719,667.1	735,983.6	102
Table egg type ..... 1,000 dozen	626,150.1	639,200.3	102
Hatching egg type ..... 1,000 dozen	93,517.0	96,783.3	103
Broiler-type hatching ..... 1,000 dozen	87,458.5	90,166.6	103
Egg-type hatching ..... 1,000 dozen	6,058.5	6,616.7	109
<b>Layers on July 1</b>			
All layers ..... 1,000	372,241	385,592	104
Table egg type ..... 1,000	312,011	323,546	104
Hatching egg type ..... 1,000	60,230	62,046	103
Broiler-type hatching ..... 1,000	57,102	58,749	103
Egg-type hatching ..... 1,000	3,128	3,297	105
<b>Eggs per 100 layers on July 1</b>			
All layers ..... number	77.4	76.1	98
Table egg type ..... number	80.2	78.7	98
Hatching egg type ..... number	62.4	62.6	100
Broiler-type hatching ..... number	61.6	61.6	100
Egg-type hatching ..... number	77.8	80.6	104
<b>Molted layers on July 1</b>			
Being molted ..... percent	2.4	2.3	96
Molt completed ..... percent	15.4	15.2	99
Layers sold for slaughter during June ..... 1,000	14,347.3	14,157.4	99
Layers rendered, died, destroyed, composted or disappeared for any reason during June ..... 1,000	9,480.8	12,839.7	135
Pullets on July 1 ..... 1,000	116,597	127,010	109
Pullets added during June <sup>1</sup> ..... 1,000	24,002.1	27,981.4	117

<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: July-August 2017 and 2018

Item	2017	2018	2018 as percent of 2017
<b>Layers during July</b>			
All layers ..... 1,000	372,632	385,034	103
Table egg type ..... 1,000	312,412	323,208	103
Hatching egg type ..... 1,000	60,220	61,826	103
Broiler-type hatching ..... 1,000	57,039	58,488	103
Egg-type hatching ..... 1,000	3,181	3,338	105
<b>Eggs per 100 layers during July</b>			
All layers ..... number	2,403	2,364	98
Table egg type ..... number	2,491	2,445	98
Hatching egg type ..... number	1,944	1,942	100
Broiler-type hatching ..... number	1,920	1,910	99
Egg-type hatching ..... number	2,373	2,516	106
<b>Eggs produced during July</b>			
All layers ..... million	8,952.9	9,104.0	102
Table egg type ..... million	7,782.1	7,903.1	102
Hatching egg type ..... million	1,170.8	1,200.9	103
Broiler-type hatching ..... million	1,095.3	1,116.9	102
Egg-type hatching ..... million	75.5	84.0	111
<b>Eggs produced during July</b>			
All layers ..... 1,000 dozen	746,075.8	758,666.7	102
Table egg type ..... 1,000 dozen	648,508.7	658,591.6	102
Hatching egg type ..... 1,000 dozen	97,567.1	100,075.1	103
Broiler-type hatching ..... 1,000 dozen	91,275.2	93,075.0	102
Egg-type hatching ..... 1,000 dozen	6,291.9	7,000.1	111
<b>Layers on August 1</b>			
All layers ..... 1,000	372,995	384,443	103
Table egg type ..... 1,000	312,803	322,855	103
Hatching egg type ..... 1,000	60,192	61,588	102
Broiler-type hatching ..... 1,000	56,966	58,217	102
Egg-type hatching ..... 1,000	3,226	3,371	104
<b>Eggs per 100 layers on August 1</b>			
All layers ..... number	77.6	76.4	98
Table egg type ..... number	80.4	79.0	98
Hatching egg type ..... number	63.0	62.6	99
Broiler-type hatching ..... number	62.2	61.5	99
Egg-type hatching ..... number	77.7	81.6	105
<b>Molted layers on August 1</b>			
Being molted ..... percent	2.5	2.2	88
Molt completed ..... percent	15.5	14.8	95
Layers sold for slaughter during July ..... 1,000	14,929.7	15,620.2	105
Layers rendered, died, destroyed, composted or disappeared for any reason during July ..... 1,000	9,095.5	10,028.3	110
Pullets on August 1 ..... 1,000	115,348	125,844	109
Pullets added during July <sup>1</sup> ..... 1,000	24,794.4	25,239.2	102

<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 June 2017 and 2018

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2017	2018	2017	2018	2017	2018
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,277	1,288	9,071	9,560	1,853	1,816
Arkansas .....	3,795	3,963	13,746	14,393	2,000	1,932
California .....	12,540	13,844	13,146	14,494	2,382	2,419
Colorado .....	4,122	4,465	4,574	4,867	2,488	2,537
Florida .....	6,640	6,613	7,002	7,028	2,362	2,281
Georgia .....	9,706	9,072	19,684	19,515	2,098	2,028
Illinois .....	4,610	5,157	5,086	5,610	2,314	2,430
Indiana .....	31,356	31,775	32,180	32,552	2,459	2,359
Iowa .....	53,415	55,826	54,773	57,171	2,399	2,318
Maryland .....	2,678	2,408	2,843	2,563	2,438	2,337
Michigan .....	14,101	14,868	14,326	15,096	2,354	2,426
Minnesota .....	9,856	10,690	10,365	11,222	2,476	2,379
Mississippi .....	1,456	1,425	5,707	5,593	2,029	2,045
Missouri .....	6,585	7,157	10,216	10,897	2,402	2,378
Nebraska .....	7,928	7,672	8,036	7,923	2,516	2,542
New York .....	5,332	5,047	5,699	5,438	2,444	2,427
North Carolina .....	6,950	6,698	15,154	14,950	2,127	2,090
Ohio .....	29,174	30,914	30,098	31,904	2,406	2,421
Oregon .....	2,124	2,140	2,263	2,279	2,598	2,492
Pennsylvania .....	25,602	25,609	27,621	27,719	2,419	2,419
South Carolina .....	2,545	2,983	3,761	4,244	2,175	2,283
South Dakota .....	2,607	2,448	2,749	2,590	2,415	2,552
Texas .....	16,944	17,897	21,331	22,372	2,211	2,169
Utah .....	5,117	4,520	5,155	4,558	2,390	2,328
Virginia .....	842	912	2,645	2,724	2,238	2,192
Washington .....	6,634	6,961	6,799	7,126	2,543	2,471
Wisconsin .....	5,352	6,236	5,992	6,920	2,390	2,273
Other States <sup>1</sup> .....	23,455	25,134	32,408	34,592	2,180	2,198
United States .....	302,743	313,722	372,430	385,900	2,319	2,289

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

## Layers on Hand and Eggs Produced – States and United States: During July 2017 and 2018

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2017	2018	2017	2018	2017	2018
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,354	1,316	9,173	9,496	1,927	1,885
Arkansas .....	3,723	4,089	13,749	14,434	2,079	2,012
California .....	12,805	13,974	13,410	14,624	2,446	2,514
Colorado .....	4,181	4,324	4,606	4,726	2,540	2,656
Florida .....	6,639	6,585	7,007	7,015	2,329	2,356
Georgia .....	9,473	8,784	19,379	19,123	2,231	2,104
Illinois .....	4,390	5,120	4,863	5,577	2,540	2,561
Indiana .....	31,544	31,829	32,350	32,602	2,529	2,382
Iowa .....	53,469	56,107	54,877	57,408	2,465	2,406
Maryland .....	2,674	2,336	2,830	2,487	2,512	2,497
Michigan .....	14,113	14,973	14,335	15,201	2,514	2,504
Minnesota .....	9,811	10,748	10,336	11,269	2,535	2,460
Mississippi .....	1,493	1,395	5,681	5,509	2,107	2,147
Missouri .....	6,307	7,265	9,904	10,997	2,501	2,463
Nebraska .....	7,703	7,751	7,870	8,021	2,642	2,609
New York .....	5,228	5,056	5,591	5,459	2,586	2,537
North Carolina .....	7,025	6,359	15,206	14,446	2,157	2,145
Ohio .....	29,614	30,932	30,556	31,934	2,490	2,463
Oregon .....	2,107	2,240	2,246	2,379	2,711	2,606
Pennsylvania .....	25,471	25,589	27,479	27,713	2,528	2,491
South Carolina .....	2,775	2,919	3,984	4,175	2,304	2,378
South Dakota .....	2,603	2,533	2,745	2,675	2,477	2,561
Texas .....	17,082	17,903	21,423	22,386	2,263	2,272
Utah .....	5,112	4,571	5,150	4,609	2,505	2,424
Virginia .....	761	824	2,589	2,592	2,186	2,249
Washington .....	6,623	6,761	6,788	6,926	2,600	2,479
Wisconsin .....	5,379	6,062	6,006	6,746	2,561	2,416
Other States <sup>1</sup> .....	23,534	25,113	32,499	34,505	2,268	2,279
United States .....	302,993	313,458	372,632	385,034	2,403	2,364

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

## Egg Production by Type – States and United States: June 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	168.1	173.6	31.1	28.0	137.0	145.6
Arkansas .....	274.9	278.1	97.6	92.3	177.3	185.8
California .....	313.1	350.6	(D)	(D)	(D)	(D)
Colorado .....	113.8	123.5	(D)	(D)	(D)	(D)
Florida .....	165.4	160.3	160.9	155.0	4.5	5.3
Georgia .....	413.0	395.7	224.5	203.0	188.5	192.7
Illinois .....	117.7	136.3	113.1	132.6	4.6	3.7
Indiana .....	791.2	768.0	776.4	754.1	14.8	13.9
Iowa .....	1,314.2	1,325.5	1,297.7	1,311.7	16.5	13.8
Maryland .....	69.3	59.9	67.9	58.8	1.4	1.1
Michigan .....	337.3	366.3	(D)	(D)	(D)	(D)
Minnesota .....	256.6	267.0	249.7	259.1	6.9	7.9
Mississippi .....	115.8	114.4	36.1	34.5	79.7	79.9
Missouri .....	245.4	259.1	(D)	(D)	(D)	(D)
Nebraska .....	202.2	201.4	202.2	197.4	-	4.0
New York .....	139.3	132.0	(D)	(D)	(D)	(D)
North Carolina .....	322.4	312.4	173.4	162.1	149.0	150.3
Ohio .....	724.3	772.5	(D)	(D)	(D)	(D)
Oregon .....	58.8	56.8	58.8	56.8	-	-
Pennsylvania .....	668.2	670.5	637.7	639.4	30.5	31.1
South Carolina .....	81.8	96.9	59.9	74.5	21.9	22.4
South Dakota .....	66.4	66.1	66.4	66.1	-	-
Texas .....	471.7	485.3	(D)	(D)	(D)	(D)
Utah .....	123.2	106.1	123.2	106.1	-	-
Virginia .....	59.2	59.7	27.5	27.2	31.7	32.5
Washington .....	172.9	176.1	(D)	(D)	(D)	(D)
Wisconsin .....	143.2	157.3	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	706.6	760.4	578.7	625.5	127.9	134.9
United States .....	8,636.0	8,831.8	7,513.8	7,670.4	1,122.2	1,161.4

- Represents zero.

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

<sup>1</sup> Not published separately to avoid disclosing individual operations.

## Egg Production by Type – States and United States: July 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	176.8	179.0	35.0	29.5	141.8	149.5
Arkansas .....	285.9	290.4	100.0	98.8	185.9	191.6
California .....	328.0	367.7	(D)	(D)	(D)	(D)
Colorado .....	117.0	125.5	(D)	(D)	(D)	(D)
Florida .....	163.2	165.3	158.4	159.7	4.8	5.6
Georgia .....	432.3	402.3	231.2	202.7	201.1	199.6
Illinois .....	123.5	142.8	118.7	139.0	4.8	3.8
Indiana .....	818.0	776.7	802.1	762.8	15.9	13.9
Iowa .....	1,352.9	1,381.3	1,335.5	1,365.6	17.4	15.7
Maryland .....	71.1	62.1	69.8	61.0	1.3	1.1
Michigan .....	360.4	380.6	(D)	(D)	(D)	(D)
Minnesota .....	262.0	277.2	255.6	269.2	6.4	8.0
Mississippi .....	119.7	118.3	38.2	36.9	81.5	81.4
Missouri .....	247.7	270.9	(D)	(D)	(D)	(D)
Nebraska .....	207.9	209.3	207.1	204.6	0.8	4.7
New York .....	144.6	138.5	(D)	(D)	(D)	(D)
North Carolina .....	328.0	309.9	174.2	155.0	153.8	154.9
Ohio .....	760.7	786.5	(D)	(D)	(D)	(D)
Oregon .....	60.9	62.0	60.9	62.0	-	-
Pennsylvania .....	694.6	690.2	663.8	657.8	30.8	32.4
South Carolina .....	91.8	99.3	69.2	76.1	22.6	23.2
South Dakota .....	68.0	68.5	68.0	68.5	-	-
Texas .....	484.8	508.5	(D)	(D)	(D)	(D)
Utah .....	129.0	111.7	129.0	111.7	-	-
Virginia .....	56.6	58.3	23.0	24.6	33.6	33.7
Washington .....	176.5	171.7	(D)	(D)	(D)	(D)
Wisconsin .....	153.8	163.0	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	737.2	786.5	603.6	647.6	133.6	138.9
United States .....	8,952.9	9,104.0	7,782.1	7,903.1	1,170.8	1,200.9

- Represents zero.

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

<sup>1</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: June 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018
	(1,000 dozen eggs)					
Alabama .....	14,008.4	14,466.7	2,591.7	2,333.4	11,416.7	12,133.3
Arkansas .....	22,908.3	23,175.0	8,133.3	7,691.7	14,775.0	15,483.3
California .....	26,091.7	29,216.6	(D)	(D)	(D)	(D)
Colorado .....	9,483.3	10,291.7	(D)	(D)	(D)	(D)
Florida .....	13,783.3	13,358.4	13,408.3	12,916.7	375.0	441.7
Georgia .....	34,416.8	32,975.0	18,708.4	16,916.6	15,708.4	16,058.4
Illinois .....	9,808.4	11,358.3	9,425.0	11,050.0	383.4	308.3
Indiana .....	65,933.4	64,000.1	64,700.0	62,841.7	1,233.4	1,158.4
Iowa .....	109,516.7	110,458.4	108,141.7	109,308.4	1,375.0	1,150.0
Maryland .....	5,775.1	4,991.7	5,658.4	4,900.0	116.7	91.7
Michigan .....	28,108.4	30,525.0	(D)	(D)	(D)	(D)
Minnesota .....	21,383.3	22,250.0	20,808.3	21,591.7	575.0	658.3
Mississippi .....	9,650.0	9,533.3	3,008.3	2,875.0	6,641.7	6,658.3
Missouri .....	20,450.0	21,591.6	(D)	(D)	(D)	(D)
Nebraska .....	16,850.0	16,783.3	16,850.0	16,450.0	-	333.3
New York .....	11,608.3	11,000.0	(D)	(D)	(D)	(D)
North Carolina .....	26,866.7	26,033.3	14,450.0	13,508.3	12,416.7	12,525.0
Ohio .....	60,358.4	64,375.0	(D)	(D)	(D)	(D)
Oregon .....	4,900.0	4,733.4	4,900.0	4,733.4	-	-
Pennsylvania .....	55,683.3	55,875.0	53,141.7	53,283.3	2,541.6	2,591.7
South Carolina .....	6,816.6	8,075.1	4,991.6	6,208.4	1,825.0	1,866.7
South Dakota .....	5,533.3	5,508.3	5,533.3	5,508.3	-	-
Texas .....	39,308.3	40,441.7	(D)	(D)	(D)	(D)
Utah .....	10,266.7	8,841.7	10,266.7	8,841.7	-	-
Virginia .....	4,933.4	4,975.0	2,291.7	2,266.7	2,641.7	2,708.3
Washington .....	14,408.4	14,675.0	(D)	(D)	(D)	(D)
Wisconsin .....	11,933.3	13,108.3	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	58,883.3	63,366.7	48,225.0	52,125.0	10,658.3	11,241.7
United States .....	719,667.1	735,983.6	626,150.1	639,200.3	93,517.0	96,783.3

- Represents zero.

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

<sup>1</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: July 2017 and 2018

[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	
	2017	2018	2017	2018	2017	2018
	(1,000 dozen eggs)					
Alabama .....	14,733.3	14,916.6	2,916.6	2,458.3	11,816.7	12,458.3
Arkansas .....	23,825.1	24,200.1	8,333.4	8,233.4	15,491.7	15,966.7
California .....	27,333.3	30,641.6	(D)	(D)	(D)	(D)
Colorado .....	9,750.0	10,458.3	(D)	(D)	(D)	(D)
Florida .....	13,600.0	13,775.0	13,200.0	13,308.3	400.0	466.7
Georgia .....	36,025.1	33,525.1	19,266.7	16,891.7	16,758.4	16,633.4
Illinois .....	10,291.7	11,900.1	9,891.7	11,583.4	400.0	316.7
Indiana .....	68,166.7	64,725.0	66,841.7	63,566.6	1,325.0	1,158.4
Iowa .....	112,741.7	115,108.3	111,291.7	113,800.0	1,450.0	1,308.3
Maryland .....	5,925.0	5,175.1	5,816.7	5,083.4	108.3	91.7
Michigan .....	30,033.4	31,716.7	(D)	(D)	(D)	(D)
Minnesota .....	21,833.4	23,099.9	21,300.0	22,433.3	533.4	666.6
Mississippi .....	9,975.1	9,858.3	3,183.4	3,075.0	6,791.7	6,783.3
Missouri .....	20,641.7	22,575.0	(D)	(D)	(D)	(D)
Nebraska .....	17,325.1	17,441.7	17,258.4	17,050.0	66.7	391.7
New York .....	12,050.1	11,541.7	(D)	(D)	(D)	(D)
North Carolina .....	27,333.4	25,824.9	14,516.7	12,916.6	12,816.7	12,908.3
Ohio .....	63,391.7	65,541.7	(D)	(D)	(D)	(D)
Oregon .....	5,075.0	5,166.7	5,075.0	5,166.7	-	-
Pennsylvania .....	57,883.3	57,516.7	55,316.7	54,816.7	2,566.6	2,700.0
South Carolina .....	7,650.0	8,275.0	5,766.7	6,341.7	1,883.3	1,933.3
South Dakota .....	5,666.7	5,708.3	5,666.7	5,708.3	-	-
Texas .....	40,400.0	42,375.0	(D)	(D)	(D)	(D)
Utah .....	10,750.0	9,308.3	10,750.0	9,308.3	-	-
Virginia .....	4,716.6	4,858.3	1,916.6	2,050.0	2,800.0	2,808.3
Washington .....	14,708.3	14,308.3	(D)	(D)	(D)	(D)
Wisconsin .....	12,816.7	13,583.3	(D)	(D)	(D)	(D)
Other States <sup>1</sup> .....	61,433.4	65,541.7	50,299.9	53,966.7	11,133.5	11,575.0
United States .....	746,075.8	758,666.7	648,508.7	658,591.6	97,567.1	100,075.1

- Represents zero.

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

<sup>1</sup> Not published separately to avoid disclosing individual operations.

## Molted as Percent of All Layers on the First of the Month – United States: 2017-2018

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

Month	Being molted		Molt completed	
	2017	2018	2017	2018
	(percent)	(percent)	(percent)	(percent)
January .....	1.7	1.9	15.7	16.3
February .....	2.2	2.9	15.3	15.8
March .....	2.4	1.8	15.2	15.9
April .....	1.7	1.8	15.6	15.3
May .....	2.7	3.1	14.9	14.3
June .....	2.4	3.0	14.9	14.8
July .....	2.4	2.3	15.4	15.2
August .....	2.5	2.2	15.5	14.8
September .....	3.5		15.4	
October .....	2.9		16.2	
November .....	2.0		16.8	
December .....	1.2		17.1	

## Molted as Percent of All Layers – States and United States: July 1 and August 1, 2017-2018

State	Being molted				Molt completed			
	July 1		August 1		July 1		August 1	
	2017	2018	2017	2018	2017	2018	2017	2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	1.5	-	-	-	7.5	6.5	9.0	5.5
Arkansas .....	1.0	2.5	1.0	2.5	20.0	5.5	18.5	6.0
California .....	3.5	2.0	2.5	2.5	14.0	11.5	14.5	12.0
Colorado .....	1.0	1.0	4.5	1.0	6.0	10.5	6.0	10.0
Florida .....	5.0	6.0	8.0	7.5	80.0	34.0	77.0	32.0
Georgia .....	1.5	3.0	2.5	3.0	5.0	11.5	4.5	10.5
Illinois .....	-	5.0	-	7.0	12.0	11.0	12.5	11.0
Indiana .....	2.0	0.5	2.0	1.0	13.0	16.0	13.0	14.5
Iowa .....	2.5	2.5	3.5	2.0	16.0	24.5	16.5	23.0
Maryland .....	-	-	-	-	-	-	-	-
Michigan .....	1.5	1.0	2.0	1.0	5.0	4.0	4.5	4.0
Minnesota .....	1.0	-	1.0	-	5.5	11.0	6.0	10.0
Mississippi .....	3.0	3.0	2.0	1.0	26.0	16.0	25.5	18.0
Missouri .....	2.0	-	-	2.0	8.5	6.0	8.5	5.0
Nebraska .....	-	-	-	-	-	10.0	-	10.0
New York .....	1.0	1.5	-	-	4.5	2.5	5.5	4.0
North Carolina .....	1.5	-	2.0	0.5	10.5	9.0	10.5	8.0
Ohio .....	5.5	5.5	5.0	4.5	21.5	28.0	23.5	27.5
Oregon .....	5.0	-	-	-	8.0	6.5	4.5	5.5
Pennsylvania .....	0.5	0.5	-	0.5	1.5	3.5	2.0	3.0
South Carolina .....	5.5	2.5	2.5	1.5	19.5	15.0	21.5	15.0
South Dakota .....	-	-	-	-	-	11.0	-	10.5
Texas .....	4.5	7.0	4.5	5.5	52.5	26.0	49.0	30.0
Utah .....	4.0	3.5	3.0	2.5	20.0	18.0	22.0	19.5
Virginia .....	-	4.5	-	4.5	4.0	3.5	-	4.0
Washington .....	5.5	3.5	4.0	5.0	12.5	14.0	13.0	12.5
Wisconsin .....	4.0	1.5	5.5	-	12.5	16.0	16.5	13.0
Other States <sup>1</sup> .....	2.2	2.0	2.8	1.9	13.3	14.5	13.6	13.9
United States .....	2.4	2.3	2.5	2.2	15.4	15.2	15.5	14.8

- Represents zero.

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

## Hatchery Production – United States: 2017 and 2018

Item	2017	2018	2018 as percent of 2017
	(1,000)	(1,000)	(percent)
<b>Egg-type</b>			
Eggs in incubators on August 1 .....	40,490	46,681	115
Chicks hatched during July .....	41,862	50,752	121
Chicks hatched January through July .....	347,265	383,895	111
Pullets hatched during July for intended placements:			
Hatchery supply flocks .....	246	176	72
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,963	2,675	90
<b>Broiler-type</b>			
Eggs in incubators on August 1 .....	680,570	687,008	101
Chicks hatched during July .....	826,602	843,686	102
Chicks hatched January through July .....	5,598,963	5,692,247	102
Pullets hatched during July for intended placements:			
Hatchery supply flocks .....	7,085	7,630	108
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	69,381	70,069	101

<sup>1</sup> 2018 includes pullet chicks hatched January 2017 through December 2017.

<sup>2</sup> 2018 includes pullet chicks hatched April 2017 through December 2017.

## Egg-Type Eggs in Incubators on the First of the Month – United States: 2017 and 2018

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

Item	2017	2018	2018 as percent of 2017
	(1,000)	(1,000)	(percent)
January .....	40,153	46,750	116
February .....	47,805	51,216	107
March .....	51,915	56,120	108
April .....	51,969	55,990	108
May .....	48,346	56,063	116
June .....	46,550	50,523	109
July .....	41,403	46,390	112
August .....	40,490	46,681	115
September .....	40,655		
October .....	46,510		
November .....	45,314		
December .....	46,780		

## Egg-Type Chicks Hatched by Month – United States: 2017-2018

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

Month	By months			Cumulative		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	45,367	52,313	115	45,367	52,313	115
February .....	48,127	50,148	104	93,494	102,461	110
March .....	55,919	58,147	104	149,413	160,608	107
April .....	52,762	58,986	112	202,175	219,594	109
May .....	53,506	60,063	112	255,681	279,657	109
June .....	49,722	53,486	108	305,403	333,143	109
July .....	41,862	50,752	121	347,265	383,895	111
August .....	45,861			393,126		
September .....	42,725			435,851		
October .....	51,495			487,346		
November .....	48,344			535,690		
December .....	46,080			581,770		

## Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2017-2019

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

Month	Pullet chicks hatched		2018 as percent of 2017	Cumulative potential placements relative to current supply flocks 7-18 months earlier <sup>1</sup>	
	2017	2018		2018	2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	222	231	104	3,012	2,354
February .....	180	153	85	2,972	2,284
March .....	189	184	97	2,792	
April .....	245	215	88	2,801	
May .....	298	199	67	2,675	
June .....	334	165	49	2,555	
July .....	246	176	72	2,675	
August .....	144			2,684	
September .....	190			2,657	
October .....	198			2,652	
November .....	150			2,622	
December .....	279			2,523	
Total .....	2,675				

<sup>1</sup> For July 2018, includes breeder pullet chicks hatched January 2017 through December 2017. 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 – United States: 2017 and 2018

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

Item	2017	2018	2018 as percent of 2017
	(1,000)	(1,000)	(percent)
January .....	659,724	680,502	103
February .....	659,229	674,490	102
March .....	667,521	682,716	102
April .....	667,436	683,117	102
May .....	667,043	691,301	104
June .....	674,786	695,586	103
July .....	672,199	688,754	102
August .....	680,570	687,008	101
September .....	672,108		
October .....	650,192		
November .....	651,641		
December .....	684,691		

## Broiler-Type Chicks Hatched – States and United States: July 2017 and 2018

State	During July			January-July		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama .....	111,944	112,713	101	751,303	753,006	100
Arkansas .....	84,241	90,188	107	585,938	609,671	104
Delaware .....	18,253	17,838	98	122,901	129,983	106
Florida .....	4,468	4,367	98	28,641	29,353	102
Georgia .....	128,738	129,702	101	866,030	874,553	101
Kentucky .....	27,579	28,194	102	186,302	190,260	102
Louisiana .....	13,472	13,084	97	90,600	88,972	98
Maryland .....	30,108	30,529	101	205,716	203,533	99
Mississippi .....	66,763	69,190	104	459,428	470,521	102
Missouri .....	31,117	32,157	103	208,945	207,408	99
North Carolina .....	80,935	81,774	101	547,525	562,923	103
Oklahoma .....	27,228	27,999	103	188,069	186,957	99
Pennsylvania .....	17,806	21,069	118	117,514	139,565	119
South Carolina .....	20,728	20,586	99	139,928	141,209	101
Texas .....	60,158	61,931	103	405,284	404,886	100
Virginia .....	24,078	23,262	97	165,805	160,261	97
California, Tennessee, and West Virginia .....	43,800	44,576	102	299,545	306,921	102
Other States <sup>1</sup> .....	35,186	34,527	98	229,489	232,265	101
United States .....	826,602	843,686	102	5,598,963	5,692,247	102

<sup>1</sup> Not published separately to avoid disclosing data for individual operations.

## Broiler-Type Chicks Hatched by Month – United States: 2017-2018

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

Month	By months			Cumulative		
	2017	2018	2018 as percent of 2017	2017	2018	2018 as percent of 2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	807,491	822,829	102	807,491	822,829	102
February .....	730,311	734,729	101	1,537,802	1,557,558	101
March .....	818,701	828,179	101	2,356,503	2,385,737	101
April .....	793,227	802,652	101	3,149,730	3,188,389	101
May .....	820,621	838,720	102	3,970,351	4,027,109	101
June .....	802,010	821,452	102	4,772,361	4,848,561	102
July .....	826,602	843,686	102	5,598,963	5,692,247	102
August .....	832,983			6,431,946		
September .....	788,098			7,220,044		
October .....	793,994			8,014,038		
November .....	774,598			8,788,636		
December .....	827,498			9,616,134		

## Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2017-2019

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

Month	Pullet chicks hatched		2018 as percent of 2017	Cumulative potential placements relative to current supply flocks 7-15 months earlier <sup>1</sup>	
	2017 (1,000 chicks)	2018 (1,000 chicks)		2018 (1,000 chicks)	2019 (1,000 chicks)
<b>United States placements</b>					
January .....	7,163	7,071	99	68,873	70,299
February .....	7,832	7,631	97	69,049	70,340
March .....	8,262	8,112	98	69,495	
April .....	7,045	7,714	109	70,200	
May .....	8,159	8,301	102	70,626	
June .....	8,258	8,344	101	70,737	
July .....	7,085	7,630	108	70,069	
August .....	8,156			70,095	
September .....	8,240			69,567	
October .....	7,589			69,421	
November .....	7,943			70,050	
December .....	7,594			70,195	
Annual total .....	93,326				
<b>Total placements <sup>2</sup></b>					
January .....	8,764	8,736	100		
February .....	9,958	9,540	96		
March .....	10,047	9,806	98		
April .....	8,592	9,360	109		
May .....	9,806	10,197	104		
June .....	9,903	10,165	103		
July .....	8,598	9,233	107		
August .....	9,988				
September .....	10,042				
October .....	9,605				
November .....	9,695				
December .....	9,278				
Annual total .....	114,276				

<sup>1</sup> For July 2018, includes breeder pullet chicks hatched April 2017 through December 2017.

<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 regional 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.

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 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 385 million layers by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.1 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) 1.2	(percent) 2.1	(1,000) 3,115	(1,000) 24	(1,000) 9,953	(number) 24	(number) 0
Eggs .....	1.3	2.2	(million) 78	(million) 1	(million) 289	24	0

## 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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Holly Brenize – Poultry Slaughter.....	(202) 720-0585
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses .....	(202) 720-4751
Liana Cuffman – Catfish and Trout, Egg Products, Mink, Census of Aquaculture .....	(202) 720-8784
Fatema Haque – Broiler Hatchery, Chicken Hatchery .....	(202) 720-3244
Kim Linonis – Layers, Eggs .....	(202) 690-3676
Adam Peters – Turkey Hatchery, Turkeys Raised .....	(202) 690-3237
Erica Sadler – Cost of Pollination, Honey, Honey Bee Colonies .....	(202) 720-6147

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