Chickens and Eggs

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January Egg Production Up 5 Percent

United States egg production totaled 9.41 billion during January 2019, up 5 percent from last year. Production included 8.23 billion table eggs, and 1.18 billion hatching eggs, of which 1.09 billion were broiler-type and 89.6 million were egg-type. The total number of layers during January 2019 averaged 393 million, up 3 percent from last year. January egg production per 100 layers was 2,395 eggs, up 2 percent from January 2018.

All layers in the United States on February 1, 2019 totaled 392 million, up 3 percent from last year. The 392 million layers consisted of 330 million layers producing table or market type eggs, 59.2 million layers producing broiler-type hatching eggs, and 3.53 million layers producing egg-type hatching eggs. Rate of lay per day on February 1, 2019, averaged 77.2 eggs per 100 layers, up 2 percent from February 1, 2018.

Egg-Type Chicks Hatched Up 4 Percent

Egg-type chicks hatched during January 2019 totaled 54.3 million, up 4 percent from January 2018. Eggs in incubators totaled 56.9 million on February 1, 2019, up 11 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 268 thousand during January 2019, up 16 percent from January 2018.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during January 2019 totaled 828 million, up 1 percent from January 2018. Eggs in incubators totaled 688 million on February 1, 2019, up 2 percent from a year ago.

Leading breeders placed 7.98 million broiler-type pullet chicks for future domestic hatchery supply flocks during January 2019, up 13 percent from January 2018.

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Contents

Average Layers During the Month – United States: 2018-2019

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

Month	2018	2019
	(1,000 layers)	(1,000 layers)
December [1]	382,301	392,577
January	382,255	392,798
February	384,086	
March	386,512	
April	386,754	
May	386,325	
June	385,900	
July	384,953	
August	385,048	
September	385,834	
October	387,521	
November	390,492	

[1] December previous year.

Egg Production During the Month by Type – United States: 2018-2019

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

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December [1]	9,104.1	9,435.6	7,963.9	8,259.1	1,140.2	1,176.5
January	8,984.9	9,409.3	7,841.8	8,227.6	1,143.1	1,181.7
February	8,145.4		7,099.8		1,045.6	
March	9,098.9		7,932.0		1,166.9	
April	8,806.3		7,665.0		1,141.3	
May	9,122.5		7,932.6		1,189.9	
June	8,831.8		7,670.4		1,161.4	
July	9,100.4		7,900.7		1,199.7	
August	9,165.5		7,967.9		1,197.6	
September	8,913.5		7,759.8		1,153.7	
October	9,250.7		8,066.5		1,184.2	
November	9,068.6		7,922.6		1,146.0	

[1] December previous year.

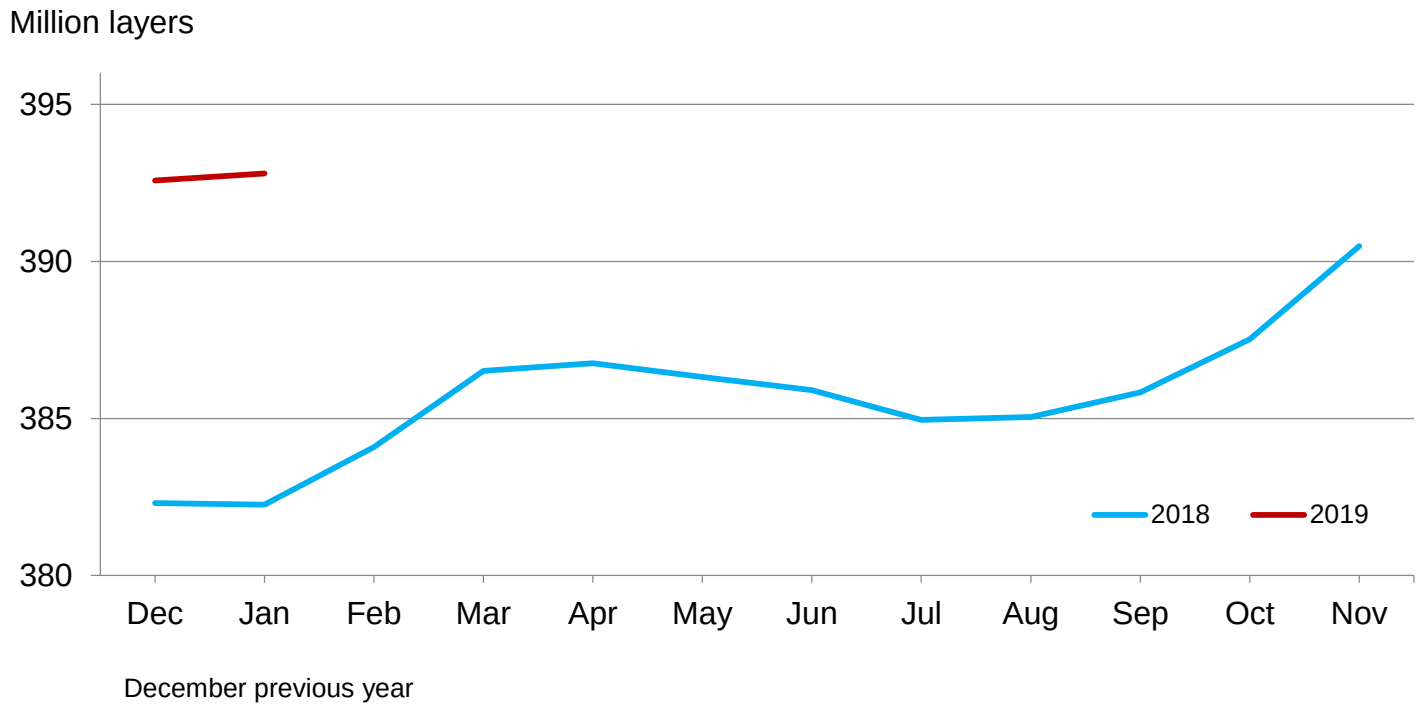
Egg Production During the Month in Dozens by Type – United States: 2018-2019

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

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December [1]	758,675.4	786,299.9	663,658.3	688,258.4	95,017.1	98,041.5
January	748,741.7	784,108.2	653,483.3	685,633.4	95,258.4	98,474.8
February	678,784.0		591,650.7		87,133.3	
March	758,241.5		660,999.7		97,241.8	
April	733,858.1		638,750.0		95,108.1	
May	760,207.7		661,049.7		99,158.0	
June	735,983.6		639,200.3		96,783.3	
July	758,366.8		658,391.7		99,975.1	
August	763,791.1		663,991.5		99,799.6	
September	742,791.7		646,650.0		96,141.7	
October	770,891.9		672,208.5		98,683.4	
November	755,716.9		660,216.8		95,500.1	

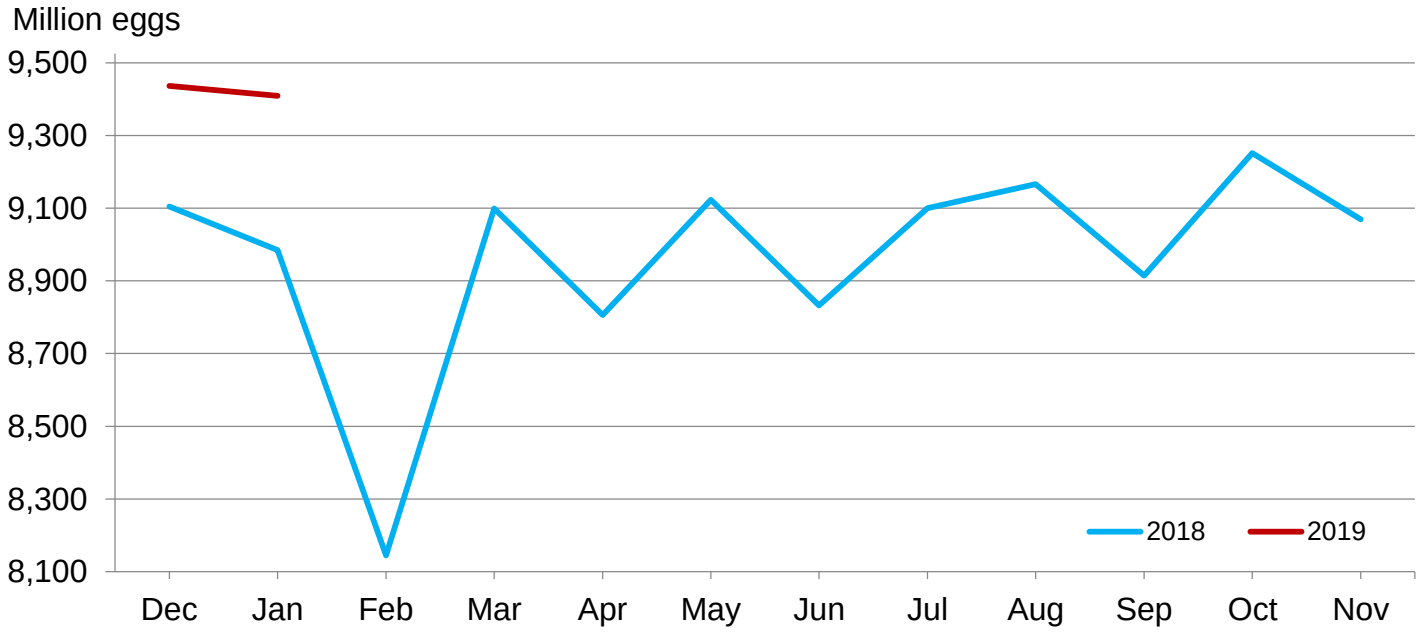
[1] December previous year.

Average Layers During the Month – United States



December previous year

All Egg Production During the Month – United States



December previous year

Layers on Hand and Eggs Produced by Type and Molt – United States: December-January 2017-2019

Item		2017	2018	2018 as percent of 2017
Layers during December				
All layers	1,000	382,301	392,577	103
Table egg type	1,000	322,059	331,277	103
Hatching egg type	1,000	60,242	61,300	102
Broiler-type hatching	1,000	56,890	57,957	102
Egg-type hatching	1,000	3,352	3,343	100
Eggs per 100 layers during December				
All layers	number	2,381	2,404	101
Table egg type	number	2,473	2,493	101
Hatching egg type	number	1,893	1,919	101
Broiler-type hatching	number	1,863	1,879	101
Egg-type hatching	number	2,390	2,611	109
Eggs produced during December				
All layers	million	9,104.1	9,435.6	104
Table egg type	million	7,963.9	8,259.1	104
Hatching egg type	million	1,140.2	1,176.5	103
Broiler-type hatching	million	1,060.1	1,089.2	103
Egg-type hatching	million	80.1	87.3	109
Eggs produced during December				
All layers	1,000 dozen	758,675.4	786,299.9	104
Table egg type	1,000 dozen	663,658.3	688,258.4	104
Hatching egg type	1,000 dozen	95,017.1	98,041.5	103
Broiler-type hatching	1,000 dozen	88,341.8	90,766.6	103
Egg-type hatching	1,000 dozen	6,675.3	7,274.9	109

Item		2018	2019	2019 as percent of 2018
Layers on January 1				
All layers	1,000	382,305	393,312	103
Table egg type	1,000	322,012	331,581	103
Hatching egg type	1,000	60,293	61,731	102
Broiler-type hatching	1,000	56,974	58,299	102
Egg-type hatching	1,000	3,319	3,432	103
Eggs per 100 layers on January 1				
All layers	number	76.1	77.3	102
Table egg type	number	79.0	80.4	102
Hatching egg type	number	60.4	60.9	101
Broiler-type hatching	number	59.5	59.6	100
Egg-type hatching	number	76.8	82.8	108
Molted layers on January 1				
Percent being molted	percent	1.9	1.5	79
Percent with molt completed	percent	16.3	13.3	82
Layers sold for slaughter during December [1]	1,000	14,509	12,846	89
Layers rendered, died, destroyed, composted or disappeared for any reason during December [1]	1,000	8,943	10,820	121
Pullets on January 1	1,000	115,281	124,716	108
Pullets added during December [1] [2]	1,000	24,648	26,515	108

[1] December previous year.
[2] Pullet chicks less than 3 days old added to pullet flocks.

Layers on Hand and Eggs Produced by Type and Molt – United States: January-February 2018 and 2019

Item		2018	2019	2019 as percent of 2018
Layers during January				
All layers	1,000	382,255	392,798	103
Table egg type	1,000	321,410	330,570	103
Hatching egg type	1,000	60,845	62,228	102
Broiler-type hatching	1,000	57,472	58,744	102
Egg-type hatching	1,000	3,373	3,484	103
Eggs per 100 layers during January				
All layers	number	2,350	2,395	102
Table egg type	number	2,440	2,489	102
Hatching egg type	number	1,879	1,899	101
Broiler-type hatching	number	1,850	1,859	100
Egg-type hatching	number	2,369	2,572	109
Eggs produced during January				
All layers	million	8,984.9	9,409.3	105
Table egg type	million	7,841.8	8,227.6	105
Hatching egg type	million	1,143.1	1,181.7	103
Broiler-type hatching	million	1,063.2	1,092.1	103
Egg-type hatching	million	79.9	89.6	112
Eggs produced during January				
All layers	1,000 dozen	748,741.7	784,108.2	105
Table egg type	1,000 dozen	653,483.3	685,633.4	105
Hatching egg type	1,000 dozen	95,258.4	98,474.8	103
Broiler-type hatching	1,000 dozen	88,599.9	91,008.1	103
Egg-type hatching	1,000 dozen	6,658.5	7,466.7	112
Layers on February 1				
All layers	1,000	382,169	392,249	103
Table egg type	1,000	320,791	329,542	103
Hatching egg type	1,000	61,378	62,707	102
Broiler-type hatching	1,000	57,960	59,175	102
Egg-type hatching	1,000	3,418	3,532	103
Eggs per 100 layers on February 1				
All layers	number	75.5	77.2	102
Table egg type	number	78.3	80.2	102
Hatching egg type	number	60.7	61.5	101
Broiler-type hatching	number	59.8	60.2	101
Egg-type hatching	number	76.0	82.2	108
Molted layers on February 1				
Being molted	percent	2.9	2.7	93
Molt completed	percent	15.8	12.8	81
Layers sold for slaughter during January	1,000	13,249.2	13,204.6	100
Layers rendered, died, destroyed, composted or disappeared for any reason during January	1,000	9,932.3	11,877.0	120
Pullets on February 1	1,000	118,021	125,371	106
Pullets added during January [1]	1,000	25,914.0	26,524.6	102

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

Layers on Hand and Eggs Produced – States and United States: During December 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	1,352	1,397	9,225	9,677	1,913	1,899
Arkansas	3,999	4,167	13,971	14,357	2,039	2,064
California	13,946	14,237	14,592	15,008	2,478	2,429
Colorado	4,173	4,424	4,575	4,819	2,536	2,606
Florida	7,084	6,933	7,429	7,323	2,396	2,474
Georgia	9,618	9,787	19,560	20,026	2,167	2,212
Illinois	4,612	5,802	5,078	6,266	2,538	2,531
Indiana	31,744	33,435	32,574	34,244	2,489	2,487
Iowa	54,232	56,029	55,688	57,427	2,380	2,486
Maryland	2,636	2,639	2,784	2,810	2,486	2,434
Michigan	14,450	15,846	14,686	16,089	2,504	2,517
Minnesota	10,294	10,610	10,814	11,163	2,367	2,524
Mississippi	1,497	1,412	5,729	5,536	2,107	2,148
Missouri	6,669	7,950	10,290	11,600	2,507	2,538
Nebraska	7,388	8,296	7,660	8,604	2,658	2,545
New York	5,158	5,114	5,514	5,516	2,597	2,531
North Carolina	7,114	5,476	15,133	13,467	2,251	2,113
Ohio	30,907	31,554	31,832	32,561	2,417	2,469
Oregon	2,210	2,133	2,349	2,272	2,648	2,623
Pennsylvania	26,642	26,142	28,614	28,235	2,504	2,528
South Carolina	2,878	3,067	4,135	4,300	2,239	2,340
South Dakota	2,453	2,681	2,595	2,823	2,586	2,419
Texas	17,764	18,090	22,170	22,247	2,325	2,337
Utah	5,016	4,766	5,054	4,804	2,564	2,537
Virginia	794	832	2,505	2,529	2,359	2,282
Washington	6,736	6,740	6,901	6,905	2,520	2,529
Wisconsin	6,138	6,167	6,798	6,880	2,530	2,349
Other States [1]	24,805	25,753	34,046	35,089	2,296	2,308
United States	312,309	321,479	382,301	392,577	2,381	2,404

[1] Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During January 2018 and 2019

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,309	1,447	9,230	9,882	1,889	1,883
Arkansas	4,076	4,096	14,290	14,392	1,969	2,000
California	13,723	13,728	14,372	14,600	2,497	2,434
Colorado	4,214	4,246	4,616	4,641	2,500	2,594
Florida	6,970	6,921	7,344	7,308	2,327	2,365
Georgia	9,355	9,752	19,291	19,957	2,096	2,169
Illinois	4,491	5,659	4,962	6,143	2,568	2,613
Indiana	31,227	33,851	32,025	34,733	2,434	2,479
Iowa	54,178	55,631	55,618	57,045	2,331	2,520
Maryland	2,647	2,640	2,784	2,807	2,471	2,380
Michigan	14,545	15,826	14,796	16,079	2,457	2,495
Minnesota	10,508	10,534	11,058	11,111	2,389	2,485
Mississippi	1,494	1,407	5,779	5,616	2,063	2,076
Missouri	7,135	8,054	10,800	11,764	2,420	2,512
Nebraska	7,298	8,177	7,555	8,450	2,633	2,633
New York	5,204	5,138	5,558	5,533	2,530	2,525
North Carolina	7,063	5,932	15,168	14,214	2,195	2,115
Ohio	30,907	31,547	31,853	32,556	2,401	2,493
Oregon	2,287	2,170	2,426	2,309	2,568	2,672
Pennsylvania	26,163	25,860	28,145	27,952	2,507	2,492
South Carolina	3,053	3,239	4,304	4,457	2,235	2,266
South Dakota	2,443	2,741	2,585	2,883	2,662	2,320
Texas	17,722	17,749	22,115	21,963	2,262	2,276
Utah	4,999	4,790	5,037	4,828	2,496	2,591
Virginia	793	793	2,545	2,498	2,338	2,182
Washington	6,982	6,816	7,147	6,981	2,664	2,606
Wisconsin	5,959	6,170	6,624	6,896	2,511	2,384
Other States [1]	24,915	25,810	34,228	35,200	2,300	2,308
United States	311,660	320,724	382,255	392,798	2,350	2,395

[1] Includes data for States not published in this table.

Egg Production by Type – States and United States: December 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	176.5	183.8	36.1	36.3	140.4	147.5
Arkansas	284.8	296.4	106.0	111.7	178.8	184.7
California	361.6	364.6	(D)	(D)	(D)	(D)
Colorado	116.0	125.6	(D)	(D)	(D)	(D)
Florida	178.0	181.2	174.2	176.9	3.8	4.3
Georgia	423.9	443.0	239.4	247.6	184.5	195.4
Illinois	128.9	158.6	125.1	154.8	3.8	3.8
Indiana	810.7	851.7	794.3	836.4	16.4	15.3
Iowa	1,325.1	1,427.6	1,308.5	1,405.9	16.6	21.7
Maryland	69.2	68.4	68.3	67.0	0.9	1.4
Michigan	367.7	405.0	(D)	(D)	(D)	(D)
Minnesota	256.0	281.8	248.9	273.7	7.1	8.1
Mississippi	120.7	118.9	37.1	37.6	83.6	81.3
Missouri	258.0	294.4	(D)	(D)	(D)	(D)
Nebraska	203.6	219.0	198.9	213.3	4.7	5.7
New York	143.2	139.6	(D)	(D)	(D)	(D)
North Carolina	340.7	284.6	189.6	134.0	151.1	150.6
Ohio	769.3	803.8	(D)	(D)	(D)	(D)
Oregon	62.2	59.6	62.2	59.6	-	-
Pennsylvania	716.5	713.7	690.9	681.6	25.6	32.1
South Carolina	92.6	100.6	70.3	77.6	22.3	23.0
South Dakota	67.1	68.3	67.1	68.3	-	-
Texas	515.5	519.9	(D)	(D)	(D)	(D)
Utah	129.6	121.9	129.6	121.9	-	-
Virginia	59.1	57.7	28.0	26.4	31.1	31.3
Washington	173.9	174.6	(D)	(D)	(D)	(D)
Wisconsin	172.0	161.6	(D)	(D)	(D)	(D)
Other States [1]	781.7	809.7	648.7	673.9	133.0	135.8
United States	9,104.1	9,435.6	7,963.9	8,259.1	1,140.2	1,176.5

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: January 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	174.4	186.1	33.8	35.5	140.6	150.6
Arkansas	281.3	287.9	100.5	104.4	180.8	183.5
California	358.8	355.4	(D)	(D)	(D)	(D)
Colorado	115.4	120.4	(D)	(D)	(D)	(D)
Florida	170.9	172.8	167.0	168.3	3.9	4.5
Georgia	404.4	432.8	221.8	240.6	182.6	192.2
Illinois	127.4	160.5	123.5	156.5	3.9	4.0
Indiana	779.4	861.2	763.9	844.7	15.5	16.5
Iowa	1,296.4	1,437.4	1,280.1	1,415.1	16.3	22.3
Maryland	68.8	66.8	68.0	65.5	0.8	1.3
Michigan	363.6	401.1	(D)	(D)	(D)	(D)
Minnesota	264.2	276.1	256.6	267.6	7.6	8.5
Mississippi	119.2	116.6	35.6	33.8	83.6	82.8
Missouri	261.4	295.5	(D)	(D)	(D)	(D)
Nebraska	198.9	222.5	194.6	217.8	4.3	4.7
New York	140.6	139.7	(D)	(D)	(D)	(D)
North Carolina	333.0	300.6	180.2	147.2	152.8	153.4
Ohio	764.7	811.6	(D)	(D)	(D)	(D)
Oregon	62.3	61.7	62.3	61.7	-	-
Pennsylvania	705.5	696.6	679.6	665.3	25.9	31.3
South Carolina	96.2	101.0	74.0	78.2	22.2	22.8
South Dakota	68.8	66.9	68.8	66.9	-	-
Texas	500.2	499.8	(D)	(D)	(D)	(D)
Utah	125.7	125.1	125.7	125.1	-	-
Virginia	59.5	54.5	27.7	23.6	31.8	30.9
Washington	190.4	181.9	(D)	(D)	(D)	(D)
Wisconsin	166.3	164.4	(D)	(D)	(D)	(D)
Other States [1]	787.2	812.4	653.2	676.6	134.0	135.8
United States	8,984.9	9,409.3	7,841.8	8,227.6	1,143.1	1,181.7

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: December 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)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	14,708.4	15,316.7	3,008.4	3,025.0	11,700.0	12,291.7
Arkansas	23,733.3	24,700.1	8,833.3	9,308.4	14,900.0	15,391.7
California	30,133.4	30,383.3	(D)	(D)	(D)	(D)
Colorado	9,666.7	10,466.6	(D)	(D)	(D)	(D)
Florida	14,833.4	15,100.0	14,516.7	14,741.7	316.7	358.3
Georgia	35,325.0	36,916.6	19,950.0	20,633.3	15,375.0	16,283.3
Illinois	10,741.7	13,216.7	10,425.0	12,900.0	316.7	316.7
Indiana	67,558.4	70,975.0	66,191.7	69,700.0	1,366.7	1,275.0
Iowa	110,425.0	118,966.7	109,041.7	117,158.4	1,383.3	1,808.3
Maryland	5,766.7	5,700.1	5,691.7	5,583.4	75.0	116.7
Michigan	30,641.7	33,750.0	(D)	(D)	(D)	(D)
Minnesota	21,333.4	23,483.3	20,741.7	22,808.3	591.7	675.0
Mississippi	10,058.3	9,908.4	3,091.6	3,133.4	6,966.7	6,775.0
Missouri	21,500.0	24,533.4	(D)	(D)	(D)	(D)
Nebraska	16,966.7	18,250.0	16,575.0	17,775.0	391.7	475.0
New York	11,933.4	11,633.4	(D)	(D)	(D)	(D)
North Carolina	28,391.7	23,716.6	15,800.0	11,166.6	12,591.7	12,550.0
Ohio	64,108.2	66,983.2	(D)	(D)	(D)	(D)
Oregon	5,183.3	4,966.7	5,183.3	4,966.7	-	-
Pennsylvania	59,708.3	59,475.0	57,575.0	56,800.0	2,133.3	2,675.0
South Carolina	7,716.7	8,383.4	5,858.4	6,466.7	1,858.3	1,916.7
South Dakota	5,591.6	5,691.6	5,591.6	5,691.6	-	-
Texas	42,958.3	43,324.9	(D)	(D)	(D)	(D)
Utah	10,800.0	10,158.3	10,800.0	10,158.3	-	-
Virginia	4,925.1	4,808.3	2,333.4	2,200.0	2,591.7	2,608.3
Washington	14,491.7	14,550.0	(D)	(D)	(D)	(D)
Wisconsin	14,333.4	13,466.7	(D)	(D)	(D)	(D)
Other States [1]	65,141.6	67,474.9	54,058.1	56,158.3	11,083.5	11,316.6
United States	758,675.4	786,299.9	663,658.3	688,258.4	95,017.1	98,041.5

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: January 2018 and 2019

[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	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	14,533.3	15,508.3	2,816.6	2,958.3	11,716.7	12,550.0
Arkansas	23,441.7	23,991.7	8,375.0	8,700.0	15,066.7	15,291.7
California	29,900.0	29,616.7	(D)	(D)	(D)	(D)
Colorado	9,616.7	10,033.3	(D)	(D)	(D)	(D)
Florida	14,241.7	14,400.0	13,916.7	14,025.0	325.0	375.0
Georgia	33,700.1	36,066.7	18,483.4	20,050.0	15,216.7	16,016.7
Illinois	10,616.7	13,375.0	10,291.7	13,041.7	325.0	333.3
Indiana	64,950.0	71,766.7	63,658.3	70,391.7	1,291.7	1,375.0
Iowa	108,033.3	119,783.3	106,675.0	117,925.0	1,358.3	1,858.3
Maryland	5,733.4	5,566.6	5,666.7	5,458.3	66.7	108.3
Michigan	30,300.0	33,425.0	(D)	(D)	(D)	(D)
Minnesota	22,016.8	23,008.4	21,383.4	22,300.0	633.4	708.4
Mississippi	9,933.3	9,716.6	2,966.6	2,816.6	6,966.7	6,900.0
Missouri	21,783.4	24,625.0	(D)	(D)	(D)	(D)
Nebraska	16,574.9	18,541.7	16,216.6	18,150.0	358.3	391.7
New York	11,716.7	11,641.7	(D)	(D)	(D)	(D)
North Carolina	27,750.0	25,050.0	15,016.7	12,266.7	12,733.3	12,783.3
Ohio	63,725.0	67,633.4	(D)	(D)	(D)	(D)
Oregon	5,191.7	5,141.6	5,191.7	5,141.6	-	-
Pennsylvania	58,791.6	58,050.0	56,633.3	55,441.7	2,158.3	2,608.3
South Carolina	8,016.7	8,416.7	6,166.7	6,516.7	1,850.0	1,900.0
South Dakota	5,733.4	5,575.0	5,733.4	5,575.0	-	-
Texas	41,683.3	41,650.1	(D)	(D)	(D)	(D)
Utah	10,475.0	10,425.0	10,475.0	10,425.0	-	-
Virginia	4,958.4	4,541.6	2,308.4	1,966.6	2,650.0	2,575.0
Washington	15,866.6	15,158.3	(D)	(D)	(D)	(D)
Wisconsin	13,858.3	13,700.0	(D)	(D)	(D)	(D)
Other States [1]	65,599.7	67,699.8	54,433.2	56,383.3	11,166.5	11,316.5
United States	748,741.7	784,108.2	653,483.3	685,633.4	95,258.4	98,474.8

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Molted as Percent of All Layers on the First of the Month – United States: 2018-2019

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

Month	Being molted		Molt completed	
	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)
January	1.9	1.5	16.3	13.3
February	2.9	2.7	15.8	12.8
March	1.8		15.9	
April	1.8		15.3	
May	3.1		14.3	
June	3.0		14.8	
July	2.3		15.2	
August	2.3		14.9	
September	2.6		14.6	
October	2.2		15.2	
November	1.5		15.1	
December	1.2		14.4	

Molted as Percent of All Layers – States and United States: January 1 and February 1, 2018-2019

State	Being molted				Molt completed			
	January 1		February 1		January 1		February 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	-	0.5	0.5	0.5	5.0	5.5	4.5	6.0
Arkansas	1.0	2.5	2.5	2.0	6.0	7.0	5.5	7.0
California	0.5	3.5	2.0	2.0	14.5	9.5	13.0	9.0
Colorado	-	-	3.0	2.0	12.5	6.5	12.0	4.0
Florida	-	-	6.5	11.0	61.5	32.0	55.5	29.5
Georgia	2.0	0.5	3.5	4.0	11.5	9.0	11.0	8.5
Illinois	4.5	-	4.0	4.0	11.0	11.0	10.5	11.0
Indiana	0.5	1.0	4.0	2.5	16.5	16.0	15.0	15.0
Iowa	2.5	3.0	2.5	3.0	24.5	17.5	24.5	16.5
Maryland	-	-	-	-	-	-	-	-
Michigan	1.0	-	0.5	1.5	5.5	3.0	6.0	3.0
Minnesota	2.0	3.5	4.0	1.0	11.5	6.5	11.5	7.5
Mississippi	2.0	1.5	3.5	4.0	9.0	16.5	9.5	15.5
Missouri	-	-	1.5	1.0	10.0	10.0	9.5	9.0
Nebraska	-	-	-	12.5	10.0	13.0	10.0	10.5
New York	1.5	1.5	-	-	4.0	2.5	5.5	3.5
North Carolina	1.0	0.5	3.5	-	15.0	6.0	12.0	6.5
Ohio	7.0	1.0	5.0	1.5	25.5	21.0	28.0	19.5
Oregon	-	1.5	2.5	-	4.5	3.5	6.0	5.0
Pennsylvania	0.5	-	-	1.0	5.0	1.5	4.0	1.5
South Carolina	2.5	-	4.5	2.0	5.0	19.0	7.0	18.5
South Dakota	-	-	-	-	11.5	3.5	10.0	3.5
Texas	1.5	4.0	7.0	7.5	29.0	31.5	25.5	32.0
Utah	1.0	2.0	10.0	4.5	14.5	23.0	11.5	24.0
Virginia	-	-	-	-	4.0	8.0	4.0	7.5
Washington	2.0	4.5	-	-	17.5	12.5	17.5	15.5
Wisconsin	4.5	-	2.5	1.0	28.0	16.5	29.5	16.5
Other States [1]	2.3	1.8	2.7	2.5	13.7	12.9	14.4	12.8
United States	1.9	1.5	2.9	2.7	16.3	13.3	15.8	12.8

- Represents zero.

[1] Includes data for States not published in this table.

Hatchery Production – United States: 2018 and 2019

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on February 1	51,216	56,882	111
Chicks hatched during January	52,313	54,276	104
Pullets hatched during January for intended placements:			
Hatchery supply flocks	231	268	116
Cumulative potential placements 7-18 months earlier [1]	3,012	2,354	78
Broiler-type			
Eggs in incubators on February 1	674,490	688,207	102
Chicks hatched during January	822,829	828,389	101
Pullets hatched during January for intended placements:			
Hatchery supply flocks	7,071	7,984	113
Cumulative potential placements 7-15 months earlier [2]	68,873	70,299	102

[1] 2019 includes pullet chicks hatched July 2017 through June 2018.
[2] 2019 includes pullet chicks hatched October 2017 through June 2018.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019

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

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January	46,750	52,153	112
February	51,216	56,882	111
March	56,120		
April	55,990		
May	56,063		
June	50,523		
July	46,390		
August	46,678		
September	50,036		
October	51,647		
November	45,096		
December	50,858		

Egg-Type Chicks Hatched by Month – United States: 2018-2019

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

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	52,313	54,276	104	52,313	54,276	104
February	50,148			102,461		
March	58,147			160,608		
April	58,986			219,594		
May	60,063			279,657		
June	53,486			333,143		
July	50,752			383,895		
August	53,207			437,102		
September	49,610			486,712		
October	54,960			541,672		
November	46,844			588,516		
December	46,779			635,295		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2018-2019

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

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-18 months earlier [1]	
	2018	2019		2018	2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	231	268	116	3,012	2,354
February	153			2,972	2,284
March	184			2,792	2,332
April	215			2,801	2,330
May	199			2,675	2,357
June	165			2,555	2,468
July	176			2,675	2,439
August	192			2,684	2,476
September	188			2,657	
October	225			2,652	
November	261			2,622	
December	250			2,523	
Total	2,439				

[1] For January 2019, includes breeder pullet chicks hatched July 2017 through June 2018. 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: 2018 and 2019

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

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January	680,502	683,669	100
February	674,490	688,207	102
March	682,716		
April	683,117		
May	691,301		
June	695,586		
July	688,754		
August	687,393		
September	671,760		
October	648,519		
November	647,483		
December	691,826		

Broiler-Type Chicks Hatched – States and United States: January 2018 and 2019

State	During January			January-January		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	109,453	113,552	104	109,453	113,552	104
Arkansas	87,921	90,600	103	87,921	90,600	103
Delaware	18,437	17,963	97	18,437	17,963	97
Florida	4,342	4,428	102	4,342	4,428	102
Georgia	126,577	125,494	99	126,577	125,494	99
Kentucky	27,293	27,562	101	27,293	27,562	101
Louisiana	13,148	13,394	102	13,148	13,394	102
Maryland	29,584	28,437	96	29,584	28,437	96
Mississippi	68,255	68,473	100	68,255	68,473	100
Missouri	29,658	29,577	100	29,658	29,577	100
North Carolina	81,940	84,166	103	81,940	84,166	103
Oklahoma	27,105	27,712	102	27,105	27,712	102
Pennsylvania	20,212	19,073	94	20,212	19,073	94
South Carolina	20,477	20,592	101	20,477	20,592	101
Texas	57,760	57,515	100	57,760	57,515	100
Virginia	23,832	23,001	97	23,832	23,001	97
California, Tennessee, and West Virginia	43,683	42,302	97	43,683	42,302	97
Other States [1]	33,152	34,548	104	33,152	34,548	104
United States	822,829	828,389	101	822,829	828,389	101

[1] Not published separately to avoid disclosing data for individual operations.

Broiler-Type Chicks Hatched by Month – United States: 2018-2019

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

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	822,829	828,389	101	822,829	828,389	101
February	734,729			1,557,558		
March	828,179			2,385,737		
April	802,652			3,188,389		
May	838,720			4,027,109		
June	821,452			4,848,561		
July	843,942			5,692,503		
August	839,600			6,532,103		
September	787,252			7,319,355		
October	790,000			8,109,355		
November	766,335			8,875,690		
December	826,323			9,702,013		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2018-2019

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

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-15 months earlier [1]	
	2018	2019		2018	2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	7,071	7,984	113	68,873	70,299
February	7,631			69,049	70,207
March	8,112			69,495	70,625
April	7,714			70,200	71,317
May	8,301			70,626	71,521
June	8,344			70,737	71,797
July	7,497			70,069	72,550
August	8,361			70,095	72,820
September	8,286			69,567	
October	7,275			69,421	
November	7,907			70,050	
December	8,865			70,195	
Annual total	95,364				
Total placements [2]					
January	8,736	9,457	108		
February	9,540				
March	9,806				
April	9,360				
May	10,197				
June	10,165				
July	8,867				
August	10,120				
September	9,895				
October	8,977				
November	9,726				
December	10,489				
Annual total	115,878				

[1] For January 2019, includes breeder pullet chicks hatched October 2017 through June 2018.
[2] United States production of intended placements worldwide.

Statistical Methodology

Survey Procedures: Primary data for the *Chickens and Eggs* report are from weekly and/or monthly questionnaires sent to producers. An attempt is made to collect information for layer and egg estimates from each known contractor and independent producer who has at least 30,000 table egg layers, flocks of hatchery supply layers, or pullet only operations with at least 500 pullets. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 500 contractors, independent egg producers, and pullet only operations are contacted each month. Data for broiler hatchery estimates are collected weekly from all broiler-type hatcheries that hatch at least one million chicks a year. Data for egg-type hatchery estimates are collected monthly from all egg-type hatcheries that hatch at least 50,000 chicks a year.

Estimating Procedures: Sound statistical methodology is employed to derive estimates from the reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations are estimated based on similar operations or historical data. NASS 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 0.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 393 million layers by more than 0.4 percent. Chances are 9 out of 10 that the difference will not exceed 0.7 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
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
All layers	0.4	0.7	1,101	0	3,720	20	2
			(million)	(million)	(million)		
Eggs	0.5	0.8	29	0	91	21	1

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

Travis Averill, Chief, Livestock Branch ..... (202) 720-3570

Tony Dorn, Head, Poultry and Specialty Commodities Section ..... (202) 690-3223
- 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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