



Chickens and Eggs

ISSN: 1948-9064

Released May 22, 2018, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

April Egg Production Up 1 Percent

United States egg production totaled 8.79 billion during April 2018, up 1 percent from last year. Production included 7.65 billion table eggs, and 1.14 billion hatching eggs, of which 1.06 billion were broiler-type and 79.6 million were egg-type. The average number of layers during April 2018 totaled 386 million, up 3 percent from last year. April egg production per 100 layers was 2,277 eggs, down 2 percent from April 2017.

All layers in the United States on May 1, 2018 totaled 385 million, up 3 percent from last year. The 385 million layers consisted of 322 million layers producing table or market type eggs, 59.3 million layers producing broiler-type hatching eggs, and 3.46 million layers producing egg-type hatching eggs. Rate of lay per day on May 1, 2018, averaged 75.8 eggs per 100 layers, down 1 percent from May 1, 2017.

Egg-Type Chicks Hatched Up 12 Percent

Egg-type chicks hatched during April 2018 totaled 58.9 million, up 12 percent from April 2017. Eggs in incubators totaled 56.6 million on May 1, 2018, up 17 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 215 thousand during April 2018, down 12 percent from April 2017.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during April 2018 totaled 803 million, up 1 percent from April 2017. Eggs in incubators totaled 691 million on May 1, 2018, up 4 percent from a year ago.

Leading breeders placed 7.71 million broiler-type pullet chicks for future domestic hatchery supply flocks during April 2018, up 9 percent from April 2017.

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Contents

Average Number of All Layers on Hand During the Month – United States: 2017-2018.....	4
Egg Production During the Month by Type – United States: 2017-2018.....	4
Egg Production During the Month in Dozens by Type – United States: 2017-2018.....	4
Average Layers During the Month – United States.....	5
All Egg Production During the Month – United States.....	5
Layers on Hand and Eggs Produced by Type and Molt – United States: March-April 2017 and 2018.....	6
Layers on Hand and Eggs Produced by Type and Molt – United States: April-May 2017 and 2018.....	7
Layers on Hand and Eggs Produced – States and United States: During March 2017 and 2018.....	8
Layers on Hand and Eggs Produced – States and United States: During April 2017 and 2018.....	9
Egg Production by Type – States and United States: March 2017 and 2018.....	10
Egg Production by Type – States and United States: April 2017 and 2018.....	11
Egg Production in Dozens by Type – States and United States: March 2017 and 2018.....	12
Egg Production in Dozens by Type – States and United States: April 2017 and 2018.....	13
Molted as Percent of All Layers by Month – United States: 2017-2018.....	14
Molted as Percent of All Layers – States and United States: April 1 and May 1, 2017-2018.....	14
Hatchery Production – United States: 2017 and 2018.....	15
Egg-Type Eggs in Incubators on the First of the Month – United States: 2017 and 2018.....	16
Egg-Type Chicks Hatched by Month – United States: 2017-2018.....	16
Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2017-2018.....	17
Broiler-Type Eggs in Incubators on the First of the Month – United States: 2017 and 2018.....	17
Broiler-Type Chicks Hatched – States and United States: April 2017 and 2018.....	18
Broiler-Type Chicks Hatched by Month – United States: 2017-2018.....	18
Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2017-2018.....	19
Statistical Methodology.....	20
Terms and Definitions of Chickens and Eggs Estimates.....	21
Information Contacts.....	22

Average Number of All Layers on Hand 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 ¹		377,371		382,301
January		377,198		382,255
February		376,341		384,086
March		376,257		386,512
April		375,748		385,978
May		373,642		
June		372,430		
July		372,632		
August		373,901		
September		375,748		
October		378,028		
November		380,820		

¹ 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 ¹	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	8,787.5	7,572.8	7,646.3	1,113.8	1,141.2
May	8,917.8		7,764.5		1,153.3	
June	8,636.0		7,513.8		1,122.2	
July	8,952.9		7,782.1		1,170.8	
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	

¹ December previous year.

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

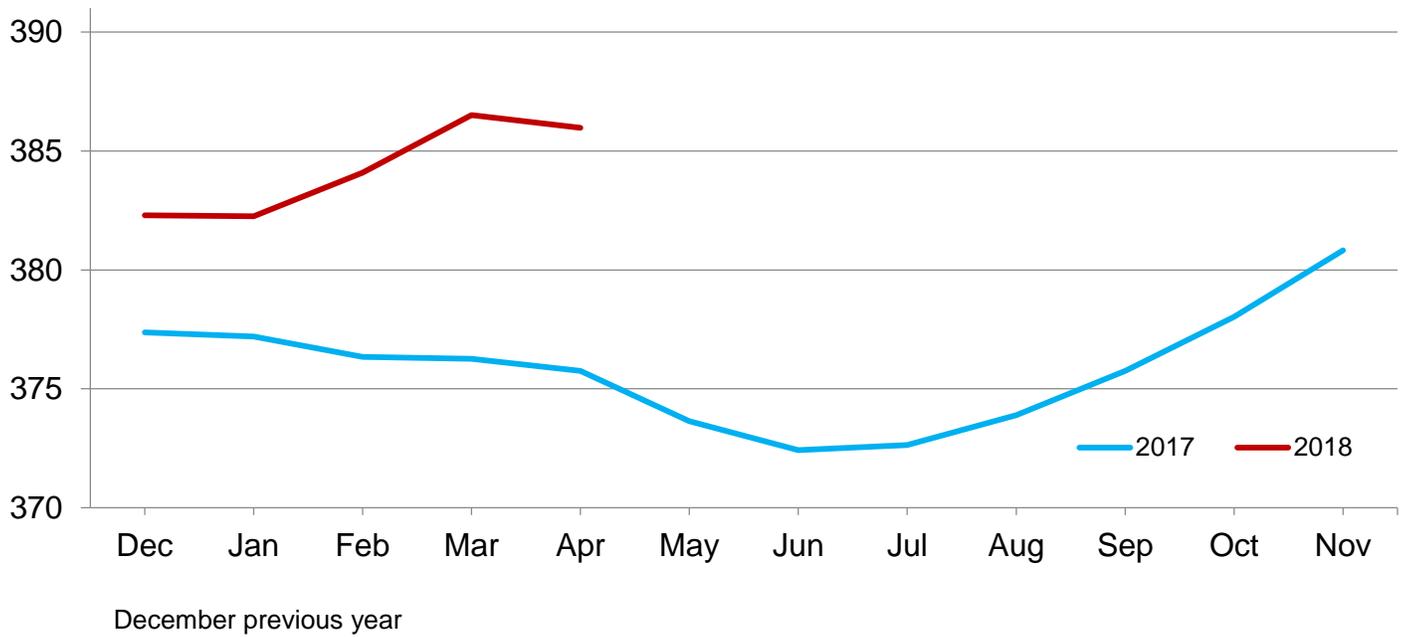
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2017	2018	2017	2018	2017	2018
	(1,000 dozen eggs)					
December ¹	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	732,291.5	631,067.0	637,191.7	92,816.8	95,099.8
May	743,150.1		647,041.4		96,108.7	
June	719,667.1		626,150.1		93,517.0	
July	746,075.8		648,508.7		97,567.1	
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	

¹ December previous year.

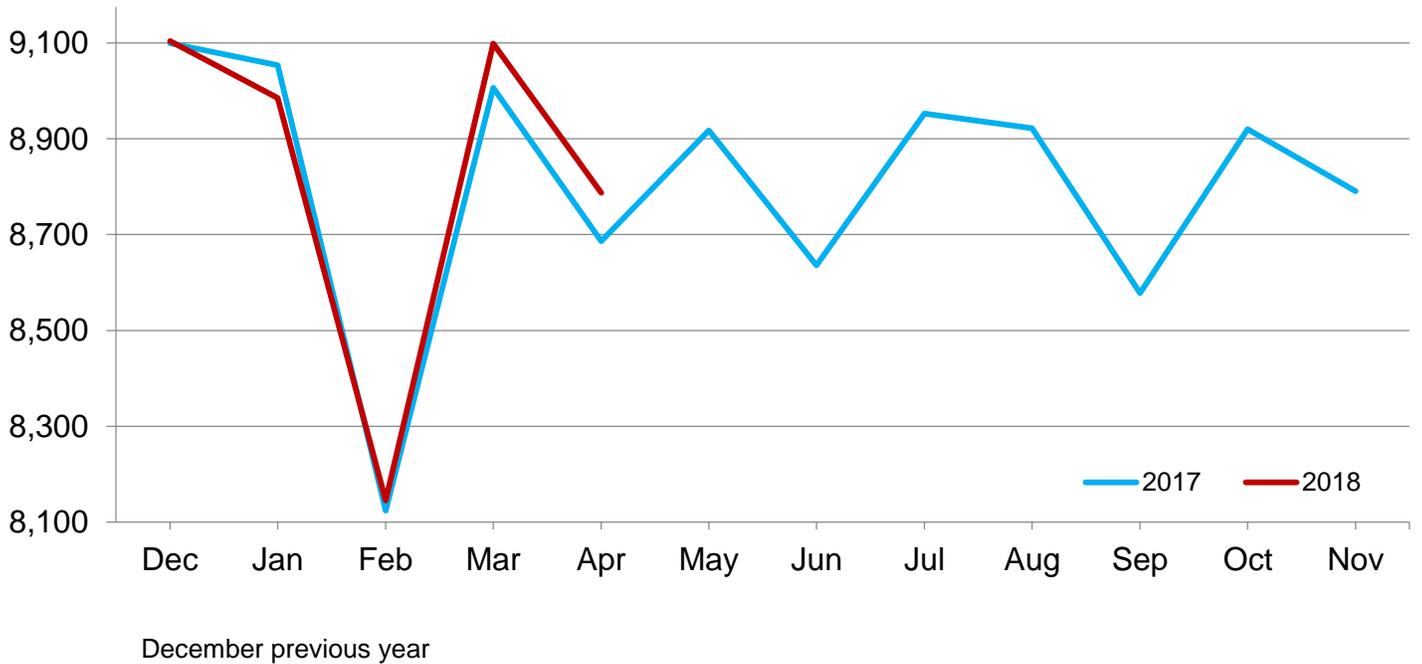
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



Layers on Hand and Eggs Produced by Type and Molt – United States: March-April 2017 and 2018

Item	2017	2018	2018 as percent of 2017
Layers during March			
All layers 1,000	376,257	386,512	103
Table egg type 1,000	316,664	324,545	102
Hatching egg type 1,000	59,593	61,967	104
Broiler-type hatching 1,000	56,235	58,459	104
Egg-type hatching 1,000	3,358	3,508	104
Eggs per 100 layers during March			
All layers number	2,394	2,354	98
Table egg type number	2,483	2,444	98
Hatching egg type number	1,921	1,883	98
Broiler-type hatching number	1,892	1,854	98
Egg-type hatching number	2,421	2,366	98
Eggs produced during March			
All layers million	9,006.5	9,098.9	101
Table egg type million	7,861.5	7,932.0	101
Hatching egg type million	1,145.0	1,166.9	102
Broiler-type hatching million	1,063.7	1,083.9	102
Egg-type hatching million	81.3	83.0	102
Eggs produced during March			
All layers 1,000 dozen	750,542.0	758,241.5	101
Table egg type 1,000 dozen	655,125.1	660,999.7	101
Hatching egg type 1,000 dozen	95,416.9	97,241.8	102
Broiler-type hatching 1,000 dozen	88,641.9	90,325.1	102
Egg-type hatching 1,000 dozen	6,775.0	6,916.7	102
Layers on April 1			
All layers 1,000	376,790	387,033	103
Table egg type 1,000	316,910	324,507	102
Hatching egg type 1,000	59,880	62,526	104
Broiler-type hatching 1,000	56,538	59,002	104
Egg-type hatching 1,000	3,342	3,524	105
Eggs per 100 layers on April 1			
All layers number	77.3	75.9	98
Table egg type number	80.2	78.8	98
Hatching egg type number	61.9	60.5	98
Broiler-type hatching number	60.9	59.6	98
Egg-type hatching number	78.4	76.5	98
Molted layers on April 1			
Being molted percent	1.7	1.8	106
Molt completed percent	15.6	15.3	98
Layers sold for slaughter during March 1,000	16,192.4	13,787.7	85
Layers rendered, died, destroyed, composted or disappeared for any reason during March 1,000	10,530.3	10,154.7	96
Pullets on April 1 1,000	113,963	122,115	107
Pullets added during March ¹ 1,000	27,464.3	28,150.1	102

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

Layers on Hand and Eggs Produced by Type and Molt – United States: April-May 2017 and 2018

Item	2017	2018	2018 as percent of 2017
Layers during April			
All layers 1,000	375,748	385,978	103
Table egg type 1,000	315,770	323,331	102
Hatching egg type 1,000	59,978	62,647	104
Broiler-type hatching 1,000	56,700	59,154	104
Egg-type hatching 1,000	3,278	3,493	107
Eggs per 100 layers during April			
All layers number	2,312	2,277	98
Table egg type number	2,398	2,365	99
Hatching egg type number	1,857	1,822	98
Broiler-type hatching number	1,827	1,795	98
Egg-type hatching number	2,373	2,279	96
Eggs produced during April			
All layers million	8,686.6	8,787.5	101
Table egg type million	7,572.8	7,646.3	101
Hatching egg type million	1,113.8	1,141.2	102
Broiler-type hatching million	1,036.0	1,061.6	102
Egg-type hatching million	77.8	79.6	102
Eggs produced during April			
All layers 1,000 dozen	723,883.8	732,291.5	101
Table egg type 1,000 dozen	631,067.0	637,191.7	101
Hatching egg type 1,000 dozen	92,816.8	95,099.8	102
Broiler-type hatching 1,000 dozen	86,333.5	88,466.5	102
Egg-type hatching 1,000 dozen	6,483.3	6,633.3	102
Layers on May 1			
All layers 1,000	374,671	384,889	103
Table egg type 1,000	314,616	322,140	102
Hatching egg type 1,000	60,055	62,749	104
Broiler-type hatching 1,000	56,849	59,294	104
Egg-type hatching 1,000	3,206	3,455	108
Eggs per 100 layers on May 1			
All layers number	76.7	75.8	99
Table egg type number	79.6	78.8	99
Hatching egg type number	61.9	60.9	98
Broiler-type hatching number	60.9	60.0	99
Egg-type hatching number	79.6	75.5	95
Molted layers on May 1			
Being molted percent	2.7	3.1	115
Molt completed percent	14.9	14.3	96
Layers sold for slaughter during April 1,000	13,524.2	15,724.4	116
Layers rendered, died, destroyed, composted or disappeared for any reason during April 1,000	13,478.5	11,353.8	84
Pullets on May 1 1,000	114,626	122,425	107
Pullets added during April ¹ 1,000	27,089.9	26,962.5	100

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

Layers on Hand and Eggs Produced – States and United States: During March 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	1,353	1,327	8,988	9,733	1,920	1,872
Arkansas	3,882	4,200	14,171	14,351	2,051	2,048
California	11,838	13,676	12,444	14,328	2,394	2,524
Colorado	4,168	4,231	4,610	4,633	2,603	2,577
Florida	7,698	7,042	8,100	7,457	2,290	2,300
Georgia	9,413	9,388	19,157	19,376	2,240	2,079
Illinois	4,675	4,973	5,142	5,446	2,536	2,538
Indiana	31,646	31,298	32,480	32,105	2,484	2,391
Iowa	54,054	55,313	55,361	56,798	2,466	2,377
Maryland	2,737	2,562	2,900	2,702	2,507	2,524
Michigan	14,112	15,242	14,375	15,493	2,544	2,531
Minnesota	10,200	10,697	10,683	11,253	2,523	2,423
Mississippi	1,411	1,450	5,511	5,767	2,103	2,138
Missouri	7,254	7,363	10,755	11,051	2,502	2,466
Nebraska	8,313	7,453	8,421	7,694	2,675	2,571
New York	5,332	4,971	5,711	5,354	2,542	2,574
North Carolina	7,325	7,027	15,312	15,418	2,194	2,151
Ohio	29,718	31,473	30,629	32,476	2,461	2,360
Oregon	2,239	2,306	2,378	2,445	2,645	2,687
Pennsylvania	25,550	26,088	27,690	28,155	2,508	2,525
South Carolina	2,627	2,972	3,799	4,194	2,348	2,217
South Dakota	2,604	2,563	2,746	2,705	2,465	2,628
Texas	17,446	17,779	21,716	22,209	2,268	2,293
Utah	5,146	5,187	5,184	5,225	2,454	2,452
Virginia	952	733	2,696	2,428	2,077	2,319
Washington	6,957	6,496	7,122	6,661	2,603	2,491
Wisconsin	5,087	6,005	5,752	6,683	2,481	2,415
Other States ¹	23,508	24,980	32,424	34,372	2,273	2,291
United States	307,245	314,795	376,257	386,512	2,394	2,354

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During April 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	1,287	1,275	9,044	9,796	1,853	1,805
Arkansas	3,755	4,032	13,988	14,333	2,021	1,951
California	12,296	13,394	12,902	14,046	2,332	2,471
Colorado	4,026	4,333	4,456	4,735	2,534	2,507
Florida	7,496	7,040	7,882	7,483	2,285	2,180
Georgia	9,408	9,200	19,259	19,347	2,111	1,993
Illinois	4,543	5,222	5,016	5,690	2,456	2,388
Indiana	31,967	31,646	32,830	32,425	2,375	2,332
Iowa	53,408	55,055	54,694	56,569	2,388	2,322
Maryland	2,709	2,398	2,877	2,545	2,426	2,287
Michigan	14,023	14,948	14,286	15,188	2,486	2,513
Minnesota	9,984	10,533	10,504	11,093	2,456	2,411
Mississippi	1,428	1,462	5,628	5,791	1,986	2,029
Missouri	7,305	7,046	10,888	10,796	2,433	2,455
Nebraska	8,146	7,522	8,254	7,764	2,455	2,472
New York	5,255	4,848	5,631	5,231	2,484	2,409
North Carolina	7,192	7,165	15,285	15,606	2,117	2,114
Ohio	29,667	31,518	30,585	32,500	2,350	2,207
Oregon	2,167	2,201	2,306	2,340	2,593	2,585
Pennsylvania	25,840	25,861	27,951	27,934	2,416	2,436
South Carolina	2,578	3,146	3,770	4,369	2,324	2,152
South Dakota	2,607	2,571	2,749	2,713	2,364	2,503
Texas	17,330	17,803	21,639	22,278	2,167	2,209
Utah	5,096	5,141	5,134	5,179	2,429	2,356
Virginia	987	780	2,711	2,507	2,162	2,190
Washington	6,954	6,592	7,119	6,757	2,545	2,439
Wisconsin	5,362	6,189	6,013	6,854	2,435	2,336
Other States ¹	23,535	24,660	32,347	34,109	2,209	2,226
United States	306,351	313,581	375,748	385,978	2,312	2,277

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: March 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	172.6	182.2	33.5	32.6	139.1	149.6
Arkansas	290.6	293.9	101.0	111.2	189.6	182.7
California	297.9	361.6	(D)	(D)	(D)	(D)
Colorado	120.0	119.4	(D)	(D)	(D)	(D)
Florida	185.5	171.5	181.0	166.7	4.5	4.8
Georgia	429.1	402.8	243.2	217.7	185.9	185.1
Illinois	130.4	138.2	125.7	134.0	4.7	4.2
Indiana	806.9	767.5	790.9	753.0	16.0	14.5
Iowa	1,365.1	1,350.3	1,350.0	1,332.6	15.1	17.7
Maryland	72.7	68.2	71.5	67.5	1.2	0.7
Michigan	365.7	392.2	(D)	(D)	(D)	(D)
Minnesota	269.5	272.7	262.4	264.6	7.1	8.1
Mississippi	115.9	123.3	36.7	38.4	79.2	84.9
Missouri	269.1	272.5	(D)	(D)	(D)	(D)
Nebraska	225.3	197.8	225.3	194.1	-	3.7
New York	145.2	137.8	(D)	(D)	(D)	(D)
North Carolina	335.9	331.6	185.8	177.4	150.1	154.2
Ohio	753.9	766.4	(D)	(D)	(D)	(D)
Oregon	62.9	65.7	62.9	65.7	-	-
Pennsylvania	694.6	710.9	661.6	682.7	33.0	28.2
South Carolina	89.2	93.0	67.2	71.2	22.0	21.8
South Dakota	67.7	71.1	67.7	71.1	-	-
Texas	492.6	509.3	(D)	(D)	(D)	(D)
Utah	127.2	128.1	127.2	128.1	-	-
Virginia	56.0	56.3	23.7	25.5	32.3	30.8
Washington	185.4	165.9	(D)	(D)	(D)	(D)
Wisconsin	142.7	161.4	(D)	(D)	(D)	(D)
Other States ¹	736.9	787.3	604.7	651.1	132.2	136.2
United States	9,006.5	9,098.9	7,861.5	7,932.0	1,145.0	1,166.9

- 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: April 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	167.6	176.8	32.4	28.6	135.2	148.2
Arkansas	282.7	279.7	97.2	102.0	185.5	177.7
California	300.9	347.1	(D)	(D)	(D)	(D)
Colorado	112.9	118.7	(D)	(D)	(D)	(D)
Florida	180.1	163.1	175.2	157.8	4.9	5.3
Georgia	406.6	385.6	226.8	203.7	179.8	181.9
Illinois	123.2	135.9	118.4	131.8	4.8	4.1
Indiana	779.7	756.3	763.4	742.5	16.3	13.8
Iowa	1,306.2	1,313.3	1,291.0	1,297.0	15.2	16.3
Maryland	69.8	58.2	68.6	57.3	1.2	0.9
Michigan	355.2	381.7	(D)	(D)	(D)	(D)
Minnesota	258.0	267.5	250.4	259.9	7.6	7.6
Mississippi	111.8	117.5	34.2	35.8	77.6	81.7
Missouri	264.9	265.0	(D)	(D)	(D)	(D)
Nebraska	202.6	191.9	202.6	188.2	-	3.7
New York	139.9	126.0	(D)	(D)	(D)	(D)
North Carolina	323.6	329.9	177.9	178.0	145.7	151.9
Ohio	718.8	717.2	(D)	(D)	(D)	(D)
Oregon	59.8	60.5	59.8	60.5	-	-
Pennsylvania	675.2	680.5	643.5	651.9	31.7	28.6
South Carolina	87.6	94.0	65.5	72.7	22.1	21.3
South Dakota	65.0	67.9	65.0	67.9	-	-
Texas	468.9	492.1	(D)	(D)	(D)	(D)
Utah	124.7	122.0	124.7	122.0	-	-
Virginia	58.6	54.9	27.8	24.8	30.8	30.1
Washington	181.2	164.8	(D)	(D)	(D)	(D)
Wisconsin	146.4	160.1	(D)	(D)	(D)	(D)
Other States ¹	714.7	759.3	589.2	626.9	125.5	132.4
United States	8,686.6	8,787.5	7,572.8	7,646.3	1,113.8	1,141.2

- 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: March 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	14,383.4	15,183.4	2,791.7	2,716.7	11,591.7	12,466.7
Arkansas	24,216.7	24,491.6	8,416.7	9,266.6	15,800.0	15,225.0
California	24,825.0	30,133.4	(D)	(D)	(D)	(D)
Colorado	10,000.0	9,950.0	(D)	(D)	(D)	(D)
Florida	15,458.4	14,291.7	15,083.4	13,891.7	375.0	400.0
Georgia	35,758.2	33,566.7	20,266.6	18,141.7	15,491.6	15,425.0
Illinois	10,866.7	11,516.6	10,475.0	11,166.6	391.7	350.0
Indiana	67,241.8	63,958.4	65,908.4	62,750.0	1,333.4	1,208.4
Iowa	113,758.3	112,525.0	112,500.0	111,050.0	1,258.3	1,475.0
Maryland	6,058.4	5,683.3	5,958.4	5,625.0	100.0	58.3
Michigan	30,475.0	32,683.4	(D)	(D)	(D)	(D)
Minnesota	22,458.3	22,725.0	21,866.6	22,050.0	591.7	675.0
Mississippi	9,658.4	10,275.0	3,058.4	3,200.0	6,600.0	7,075.0
Missouri	22,425.1	22,708.4	(D)	(D)	(D)	(D)
Nebraska	18,775.0	16,483.3	18,775.0	16,175.0	-	308.3
New York	12,100.0	11,483.3	(D)	(D)	(D)	(D)
North Carolina	27,991.7	27,633.3	15,483.4	14,783.3	12,508.3	12,850.0
Ohio	62,824.9	63,866.6	(D)	(D)	(D)	(D)
Oregon	5,241.6	5,475.0	5,241.6	5,475.0	-	-
Pennsylvania	57,883.3	59,241.7	55,133.3	56,891.7	2,750.0	2,350.0
South Carolina	7,433.3	7,750.0	5,600.0	5,933.3	1,833.3	1,816.7
South Dakota	5,641.7	5,925.0	5,641.7	5,925.0	-	-
Texas	41,050.0	42,441.6	(D)	(D)	(D)	(D)
Utah	10,600.0	10,675.0	10,600.0	10,675.0	-	-
Virginia	4,666.7	4,691.7	1,975.0	2,125.0	2,691.7	2,566.7
Washington	15,450.0	13,825.0	(D)	(D)	(D)	(D)
Wisconsin	11,891.6	13,449.9	(D)	(D)	(D)	(D)
Other States ¹	61,408.5	65,608.2	50,391.6	54,258.2	11,016.9	11,350.0
United States	750,542.0	758,241.5	655,125.1	660,999.7	95,416.9	97,241.8

- 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: April 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	13,966.7	14,733.3	2,700.0	2,383.3	11,266.7	12,350.0
Arkansas	23,558.3	23,308.3	8,100.0	8,500.0	15,458.3	14,808.3
California	25,075.0	28,925.0	(D)	(D)	(D)	(D)
Colorado	9,408.4	9,891.7	(D)	(D)	(D)	(D)
Florida	15,008.3	13,591.7	14,600.0	13,150.0	408.3	441.7
Georgia	33,883.4	32,133.4	18,900.0	16,975.0	14,983.4	15,158.4
Illinois	10,266.6	11,325.0	9,866.6	10,983.3	400.0	341.7
Indiana	64,975.0	63,025.0	63,616.7	61,875.0	1,358.3	1,150.0
Iowa	108,850.0	109,441.7	107,583.3	108,083.4	1,266.7	1,358.3
Maryland	5,816.7	4,850.0	5,716.7	4,775.0	100.0	75.0
Michigan	29,600.1	31,808.4	(D)	(D)	(D)	(D)
Minnesota	21,500.1	22,291.6	20,866.7	21,658.3	633.4	633.3
Mississippi	9,316.7	9,791.7	2,850.0	2,983.3	6,466.7	6,808.4
Missouri	22,075.0	22,083.3	(D)	(D)	(D)	(D)
Nebraska	16,883.3	15,991.6	16,883.3	15,683.3	-	308.3
New York	11,658.4	10,500.1	(D)	(D)	(D)	(D)
North Carolina	26,966.7	27,491.7	14,825.0	14,833.4	12,141.7	12,658.3
Ohio	59,900.0	59,766.7	(D)	(D)	(D)	(D)
Oregon	4,983.3	5,041.7	4,983.3	5,041.7	-	-
Pennsylvania	56,266.7	56,708.3	53,625.0	54,325.0	2,641.7	2,383.3
South Carolina	7,300.1	7,833.3	5,458.4	6,058.3	1,841.7	1,775.0
South Dakota	5,416.6	5,658.3	5,416.6	5,658.3	-	-
Texas	39,075.0	41,008.3	(D)	(D)	(D)	(D)
Utah	10,391.7	10,166.7	10,391.7	10,166.7	-	-
Virginia	4,883.3	4,575.0	2,316.7	2,066.7	2,566.6	2,508.3
Washington	15,100.0	13,733.3	(D)	(D)	(D)	(D)
Wisconsin	12,200.0	13,341.6	(D)	(D)	(D)	(D)
Other States ¹	59,558.4	63,274.8	49,100.2	52,241.5	10,458.2	11,033.3
United States	723,883.8	732,291.5	631,067.0	637,191.7	92,816.8	95,099.8

- 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 by Month – United States: 2017-2018

[As of the first of the month. 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		14.9	
July	2.4		15.4	
August	2.5		15.5	
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: April 1 and May 1, 2017-2018

State	Being molted				Molt completed			
	April 1		May 1		April 1		May 1	
	2017	2018	2017	2018	2017	2018	2017	2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	-	1.5	0.5	0.5	9.0	3.5	8.5	3.0
Arkansas	1.0	-	1.5	1.5	21.5	6.0	20.5	3.5
California	3.0	0.5	3.0	2.5	14.0	11.5	15.5	11.5
Colorado	-	3.5	-	-	5.5	9.5	3.5	12.0
Florida	3.0	3.5	7.0	8.5	82.0	46.5	81.0	40.0
Georgia	0.5	1.5	3.5	4.5	4.0	13.0	4.5	10.5
Illinois	-	4.0	-	3.5	13.0	9.5	13.5	9.5
Indiana	2.0	1.0	1.5	1.5	13.5	16.5	13.5	16.0
Iowa	2.5	2.5	2.5	2.5	11.5	26.0	12.5	25.0
Maryland	-	-	-	-	-	-	-	-
Michigan	-	1.0	-	1.0	5.0	4.0	5.0	4.5
Minnesota	-	1.0	1.5	1.0	6.5	14.5	6.0	14.0
Mississippi	-	1.0	4.0	3.0	25.5	10.5	23.5	10.0
Missouri	-	0.5	0.5	1.5	9.0	7.0	7.0	5.5
Nebraska	-	2.5	-	3.5	2.0	9.0	-	8.0
New York	-	1.0	3.5	1.5	2.5	3.5	1.5	4.5
North Carolina	1.5	1.0	-	2.0	11.5	12.0	12.5	10.0
Ohio	3.5	5.0	7.5	10.5	22.0	23.0	20.5	22.5
Oregon	1.0	-	-	-	13.0	8.5	12.0	4.5
Pennsylvania	0.5	0.5	1.0	1.5	4.5	5.0	1.0	5.0
South Carolina	-	-	1.0	2.0	22.5	9.5	19.5	9.0
South Dakota	-	-	-	7.5	2.0	7.0	-	3.5
Texas	4.0	3.0	8.0	5.0	50.0	23.5	51.0	20.0
Utah	4.5	1.5	7.5	6.0	22.5	15.0	19.5	11.5
Virginia	-	-	-	4.0	3.5	-	3.5	-
Washington	1.5	3.5	3.0	1.5	15.5	9.0	12.5	11.5
Wisconsin	4.5	-	2.0	-	20.5	21.5	16.5	18.5
Other States ¹	1.9	1.5	2.0	2.6	13.4	15.0	13.1	14.4
United States	1.7	1.8	2.7	3.1	15.6	15.3	14.9	14.3

- Represents zero.

¹ 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)
Egg-type			
Eggs in incubators on May 1	48,346	56,598	117
Chicks hatched during April	52,762	58,907	112
Chicks hatched January through April	202,175	219,515	109
Pullets hatched during April for intended placements:			
Hatchery supply flocks	245	215	88
Cumulative potential placements 7-18 months earlier ¹	2,972	2,801	94
Broiler-type			
Eggs in incubators on May 1	667,043	690,701	104
Chicks hatched during April	793,227	802,768	101
Chicks hatched January through April	3,149,730	3,188,505	101
Pullets hatched during April for intended placements:			
Hatchery supply flocks	7,045	7,714	109
Cumulative potential placements 7-15 months earlier ²	70,194	70,200	100

¹ 2018 includes pullet chicks hatched October 2016 through September 2017.

² 2018 includes pullet chicks hatched January 2017 through September 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	56,598	117
June	46,550		
July	41,403		
August	40,490		
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	58,907	112	202,175	219,515	109
May	53,506			255,681		
June	49,722			305,403		
July	41,862			347,265		
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: 2017-2018

[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 ¹	
	2017	2018		2017	2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	222	231	104	2,836	3,012
February	180	153	85	2,855	2,972
March	189	184	97	3,013	2,792
April	245	215	88	2,972	2,801
May	298			2,966	2,675
June	334			3,019	2,555
July	246			2,963	2,675
August	144			3,037	2,684
September	190			3,028	2,657
October	198			3,057	2,652
November	150			2,951	2,622
December	279			2,922	
Total	2,675				

¹ For April 2018, includes breeder pullet chicks hatched October 2016 through September 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	690,701	104
June	674,786		
July	672,199		
August	680,570		
September	672,108		
October	650,192		
November	651,641		
December	684,691		

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

State	During April			January-April		
	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	105,690	106,034	100	422,378	420,348	100
Arkansas	84,809	85,632	101	330,607	341,258	103
Delaware	17,144	18,643	109	69,569	73,776	106
Florida	4,091	4,132	101	15,521	16,216	104
Georgia	121,974	123,555	101	485,999	492,411	101
Kentucky	26,749	26,802	100	105,320	106,933	102
Louisiana	13,313	12,493	94	50,905	50,239	99
Maryland	29,052	28,861	99	116,072	113,237	98
Mississippi	65,618	66,364	101	258,494	264,210	102
Missouri	29,219	28,271	97	117,648	113,395	96
North Carolina	78,238	80,335	103	306,797	316,731	103
Oklahoma	26,502	25,337	96	108,100	104,192	96
Pennsylvania	16,801	20,092	120	66,021	77,083	117
South Carolina	19,689	20,088	102	77,279	79,725	103
Texas	57,100	56,522	99	228,780	225,406	99
Virginia	23,579	22,528	96	93,663	91,477	98
California, Tennessee, and West Virginia	41,820	44,254	106	169,289	172,635	102
Other States ¹	31,839	32,825	103	127,288	129,233	102
United States	793,227	802,768	101	3,149,730	3,188,505	101

¹ 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	802,768	101	3,149,730	3,188,505	101
May	820,621			3,970,351		
June	802,010			4,772,361		
July	826,602			5,598,963		
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: 2017-2018

[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 ¹	
	2017 (1,000 chicks)	2018 (1,000 chicks)		2017 (1,000 chicks)	2018 (1,000 chicks)
United States placements					
January	7,163	7,071	99	68,802	68,873
February	7,832	7,631	97	69,669	69,049
March	8,262	8,112	98	70,129	69,495
April	7,045	7,714	109	70,194	70,200
May	8,159			70,377	70,626
June	8,258			69,989	70,737
July	7,085			69,381	70,069
August	8,156			68,929	70,095
September	8,240			68,678	69,567
October	7,589			68,440	69,421
November	7,943			67,755	70,050
December	7,594			68,224	
Annual total	93,326				
Total placements ²					
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				
June	9,903				
July	8,598				
August	9,988				
September	10,042				
October	9,605				
November	9,695				
December	9,278				
Annual total	114,276				

¹ For April 2018, includes breeder pullet chicks hatched January 2017 through September 2017.

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 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 386 million layers by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.3 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) 1.4	(percent) 2.3	(1,000) 3,863	(1,000) 144	(1,000) 9,953	(number) 24	(number) 0
Eggs	1.4	2.4	(million) 95	(million) 2	(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

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Bruce Boess, Head, Poultry and Specialty Commodities Section	(202) 720-4447
Holly Brenize – Mink, Poultry Slaughter	(202) 720-0585
Aaron Cosgrove – Catfish Production, Egg Products, Trout Production, Turkey Hatchery, Turkeys Raised	(202) 690-3237
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses	(202) 720-4751
Fatema Haque – Broiler Hatchery, Chicken Hatchery	(202) 720-3244
Kim Linonis – Layers, Eggs	(202) 690-3676
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Vacant – Cost of Pollination, Honey, Honey Bee Colonies	(202) 720-6147

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