



# Chickens and Eggs

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## May Egg Production Up 3 Percent

United States egg production totaled 9.56 billion during May 2019, up 3 percent from last year. Production included 8.35 billion table eggs, and 1.21 billion hatching eggs, of which 1.12 billion were broiler-type and 90.9 million were egg-type. The average number of layers during May 2019 totaled 398 million, up 2 percent from last year. May egg production per 100 layers was 2,404 eggs, up 2 percent from May 2018.

All layers in the United States on June 1, 2019 totaled 395 million, up 1 percent from last year. The 395 million layers consisted of 332 million layers producing table or market type eggs, 59.9 million layers producing broiler-type hatching eggs, and 3.46 million layers producing egg-type hatching eggs. Rate of lay per day on June 1, 2019, averaged 77.9 eggs per 100 layers, up 2 percent from June 1, 2018.

## Egg-Type Chicks Hatched Up 2 Percent

Egg-type chicks hatched during May 2019 totaled 60.8 million, up 2 percent from May 2018. Eggs in incubators totaled 51.6 million on June 1, 2019, up 3 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 215 thousand during May 2019, up 16 percent from May 2018.

## Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during May 2019 totaled 856 million, up 2 percent from May 2018. Eggs in incubators totaled 703 million on June 1, 2019, up 1 percent from a year ago.

Leading breeders placed 8.77 million broiler-type pullet chicks for future domestic hatchery supply flocks during May 2019, up 6 percent from May 2018.

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## 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 <sup>1</sup> .....		388,256		392,577
January .....		388,368		394,789
February .....		390,282		399,559
March .....		392,585		403,680
April .....		392,319		402,489
May .....		391,773		397,706
June .....		391,581		
July .....		390,626		
August .....		390,726		
September .....		391,745		
October .....		392,492		
November .....		394,987		

<sup>1</sup> 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)					
December <sup>1</sup> .....	9,252.0	9,435.6	8,106.1	8,259.1	1,145.9	1,176.5
January .....	9,132.1	9,456.6	7,983.3	8,275.4	1,148.8	1,181.2
February .....	8,278.0	8,599.6	7,226.9	7,516.5	1,051.1	1,083.1
March .....	9,243.3	9,626.7	8,070.2	8,424.3	1,173.1	1,202.4
April .....	8,932.3	9,325.6	7,785.1	8,160.0	1,147.2	1,165.6
May .....	9,251.8	9,560.6	8,055.8	8,347.5	1,196.0	1,213.1
June .....	8,965.7		7,798.2		1,167.5	
July .....	9,239.2		8,035.5		1,203.7	
August .....	9,304.6		8,106.1		1,198.5	
September .....	9,052.4		7,898.8		1,153.6	
October .....	9,369.8		8,185.2		1,184.6	
November .....	9,170.9		8,024.2		1,146.7	

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

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

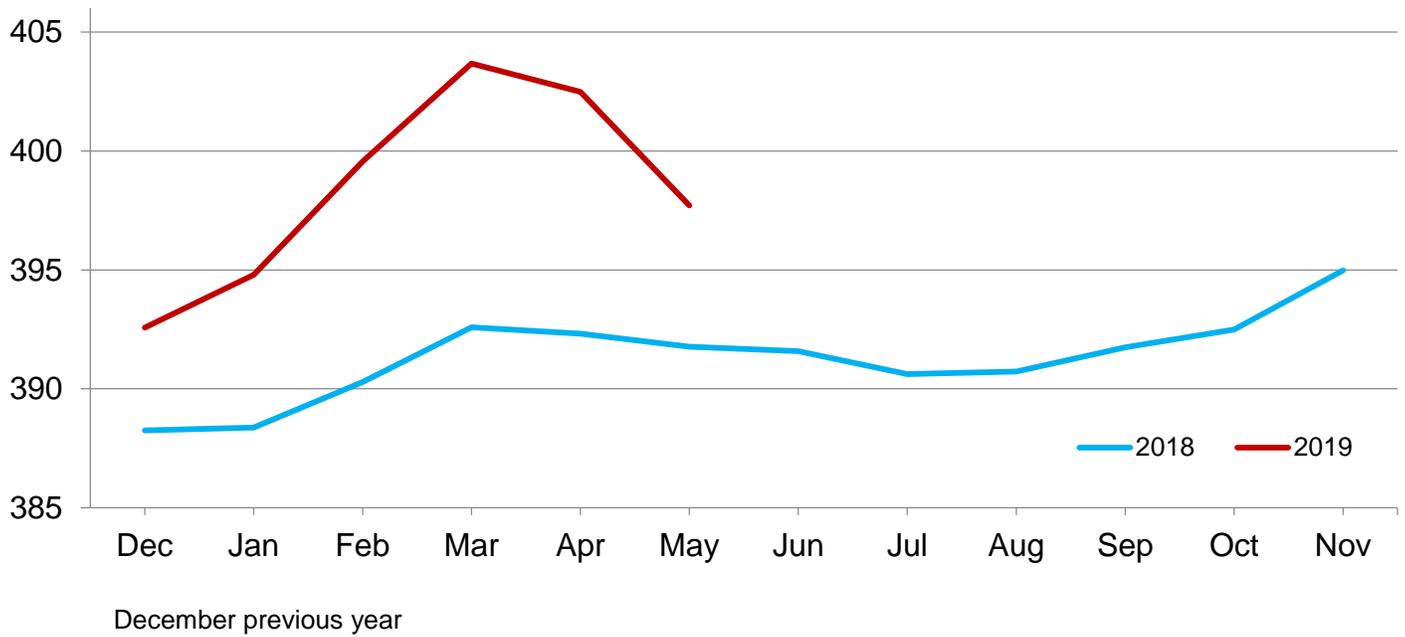
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)					
December <sup>1</sup> .....	771,000.5	786,299.9	675,508.4	688,258.4	95,492.1	98,041.5
January .....	761,008.4	788,050.4	665,275.0	689,617.1	95,733.4	98,433.3
February .....	689,833.4	716,633.1	602,241.7	626,374.9	87,591.7	90,258.2
March .....	770,275.4	802,224.9	672,517.0	702,025.0	97,758.4	100,199.9
April .....	744,358.6	777,133.0	648,758.7	679,999.9	95,599.9	97,133.1
May .....	770,983.3	796,716.6	671,316.9	695,625.0	99,666.4	101,091.6
June .....	747,142.1		649,850.4		97,291.7	
July .....	769,933.8		669,625.3		100,308.5	
August .....	775,383.4		675,508.8		99,874.6	
September .....	754,366.7		658,233.4		96,133.3	
October .....	780,817.0		682,100.2		98,716.8	
November .....	764,242.0		668,683.5		95,558.5	

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

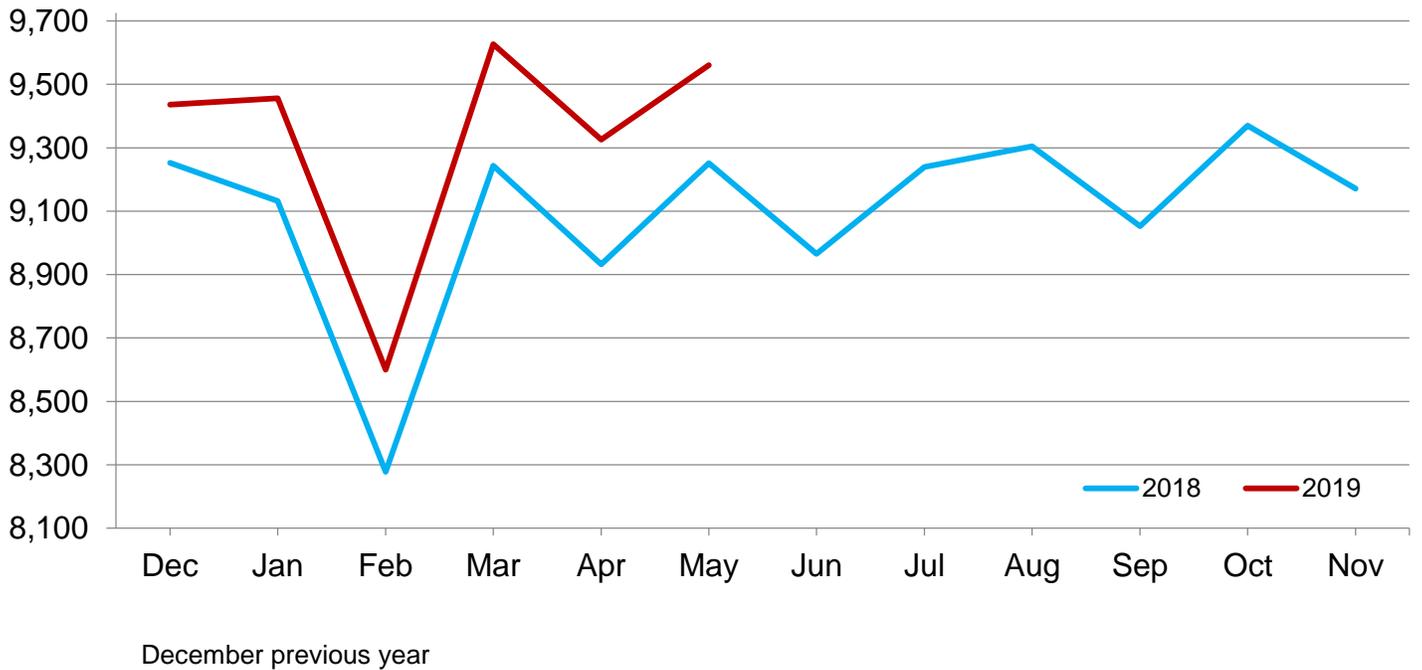
## Average Layers During the Month – United States

Million layers



## All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States: April-May 2018 and 2019**

Item	2018	2019	2019 as percent of 2018
<b>Layers during April</b>			
All layers ..... 1,000	392,319	402,489	103
Table egg type ..... 1,000	329,336	339,589	103
Hatching egg type ..... 1,000	62,983	62,900	100
Broiler-type hatching ..... 1,000	59,466	59,409	100
Egg-type hatching ..... 1,000	3,517	3,491	99
<b>Eggs per 100 layers during April</b>			
All layers ..... number	2,277	2,317	102
Table egg type ..... number	2,364	2,403	102
Hatching egg type ..... number	1,821	1,853	102
Broiler-type hatching ..... number	1,794	1,815	101
Egg-type hatching ..... number	2,278	2,495	110
<b>Eggs produced during April</b>			
All layers ..... million	8,932.3	9,325.6	104
Table egg type ..... million	7,785.1	8,160.0	105
Hatching egg type ..... million	1,147.2	1,165.6	102
Broiler-type hatching ..... million	1,067.1	1,078.5	101
Egg-type hatching ..... million	80.1	87.1	109
<b>Eggs produced during April</b>			
All layers ..... 1,000 dozen	744,358.6	777,133.0	104
Table egg type ..... 1,000 dozen	648,758.7	679,999.9	105
Hatching egg type ..... 1,000 dozen	95,599.9	97,133.1	102
Broiler-type hatching ..... 1,000 dozen	88,924.9	89,875.0	101
Egg-type hatching ..... 1,000 dozen	6,675.0	7,258.1	109
<b>Layers on May 1</b>			
All layers ..... 1,000	391,760	400,502	102
Table egg type ..... 1,000	328,666	337,456	103
Hatching egg type ..... 1,000	63,094	63,046	100
Broiler-type hatching ..... 1,000	59,615	59,457	100
Egg-type hatching ..... 1,000	3,479	3,589	103
<b>Eggs per 100 layers on May 1</b>			
All layers ..... number	75.8	77.1	102
Table egg type ..... number	78.7	80.0	102
Hatching egg type ..... number	60.9	61.8	101
Broiler-type hatching ..... number	60.0	60.6	101
Egg-type hatching ..... number	75.4	81.5	108
<b>Molted layers on May 1</b>			
Being molted ..... percent	3.1	2.5	81
Molt completed ..... percent	14.4	13.2	92
Layers sold for slaughter during April ..... 1,000	16,481.5	15,105.2	92
Layers rendered, died, destroyed, composted or disappeared for any reason during April ..... 1,000	11,378.3	13,109.8	115
Pullets on May 1 ..... 1,000	122,785	124,893	102
Pullets added during April <sup>1</sup> ..... 1,000	28,493.5	28,428.5	100

<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: May-June 2018 and 2019

Item	2018	2019	2019 as percent of 2018
<b>Layers during May</b>			
All layers ..... 1,000	391,773	397,706	102
Table egg type ..... 1,000	328,657	334,495	102
Hatching egg type ..... 1,000	63,116	63,211	100
Broiler-type hatching ..... 1,000	59,671	59,681	100
Egg-type hatching ..... 1,000	3,445	3,530	102
<b>Eggs per 100 layers during May</b>			
All layers ..... number	2,362	2,404	102
Table egg type ..... number	2,451	2,496	102
Hatching egg type ..... number	1,895	1,919	101
Broiler-type hatching ..... number	1,867	1,880	101
Egg-type hatching ..... number	2,372	2,575	109
<b>Eggs produced during May</b>			
All layers ..... million	9,251.8	9,560.6	103
Table egg type ..... million	8,055.8	8,347.5	104
Hatching egg type ..... million	1,196.0	1,213.1	101
Broiler-type hatching ..... million	1,114.3	1,122.2	101
Egg-type hatching ..... million	81.7	90.9	111
<b>Eggs produced during May</b>			
All layers ..... 1,000 dozen	770,983.3	796,716.6	103
Table egg type ..... 1,000 dozen	671,316.9	695,625.0	104
Hatching egg type ..... 1,000 dozen	99,666.4	101,091.6	101
Broiler-type hatching ..... 1,000 dozen	92,858.3	93,516.6	101
Egg-type hatching ..... 1,000 dozen	6,808.1	7,575.0	111
<b>Layers on June 1</b>			
All layers ..... 1,000	391,749	394,875	101
Table egg type ..... 1,000	328,630	331,520	101
Hatching egg type ..... 1,000	63,119	63,355	100
Broiler-type hatching ..... 1,000	59,717	59,893	100
Egg-type hatching ..... 1,000	3,402	3,462	102
<b>Eggs per 100 layers on June 1</b>			
All layers ..... number	76.5	77.9	102
Table egg type ..... number	79.3	81.0	102
Hatching egg type ..... number	61.3	62.0	101
Broiler-type hatching ..... number	60.4	60.7	100
Egg-type hatching ..... number	77.7	84.5	109
<b>Molted layers on June 1</b>			
Being molted ..... percent	3.0	1.9	63
Molt completed ..... percent	14.7	13.3	90
Layers sold for slaughter during May ..... 1,000	17,174.1	18,381.7	107
Layers rendered, died, destroyed, composted or disappeared for any reason during May ..... 1,000	10,078.6	12,694.1	126
Pullets on June 1 ..... 1,000	126,550	128,329	101
Pullets added during May <sup>1</sup> ..... 1,000	31,961.7	30,294.7	95

<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 April 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 .....	1,274	1,459	9,793	10,321	1,804	1,835
Arkansas .....	4,161	(D)	14,803	14,890	1,965	2,007
California .....	13,520	12,876	14,263	13,554	2,469	2,296
Colorado .....	4,333	4,516	4,853	5,029	2,508	2,442
Florida <sup>1</sup> .....	7,040	(NA)	7,529	(NA)	2,180	(NA)
Georgia .....	9,200	10,067	19,650	20,581	1,991	2,074
Illinois .....	5,489	5,891	6,057	6,426	2,389	2,314
Indiana .....	32,461	33,718	33,661	34,941	2,332	2,415
Iowa .....	55,898	57,553	57,705	59,310	2,322	2,366
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,598	(NA)	2,176
Maryland .....	2,374	2,417	2,577	2,614	2,289	2,433
Michigan .....	14,948	15,868	15,249	16,172	2,513	2,376
Minnesota .....	10,163	10,582	10,744	11,159	2,411	2,457
Mississippi .....	1,462	(D)	5,809	5,736	2,030	2,035
Missouri .....	7,056	7,848	11,644	12,900	2,460	2,358
Nebraska .....	7,522	8,341	7,755	8,622	2,471	2,405
New York .....	4,848	4,829	5,374	5,369	2,410	2,481
North Carolina .....	7,165	6,477	15,738	15,037	2,117	2,047
Ohio .....	31,721	35,753	32,900	36,941	2,207	2,489
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	3,073	(NA)	1,907
Oregon .....	2,201	2,146	2,394	2,339	2,586	2,510
Pennsylvania .....	25,861	25,269	28,386	27,840	2,436	2,400
South Carolina .....	3,146	2,912	4,401	4,216	2,152	2,230
South Dakota .....	2,571	2,773	2,626	2,828	2,502	2,511
Texas .....	17,803	(D)	22,670	22,620	2,210	2,256
Utah .....	4,882	4,901	4,934	4,953	2,355	2,461
Virginia .....	780	849	2,653	2,690	2,213	2,286
Washington .....	6,592	6,697	6,757	6,862	2,439	2,477
Wisconsin .....	6,297	6,040	7,372	7,149	2,339	2,398
Other States <sup>3</sup> .....	23,751	26,628	34,022	32,719	2,213	2,332
United States .....	314,519	324,119	392,319	402,489	2,277	2,317

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

## Layers on Hand and Eggs Produced – States and United States: During May 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 .....	1,277	1,436	9,703	10,303	1,872	1,903
Arkansas .....	3,965	(D)	14,675	14,939	2,010	2,056
California .....	13,591	12,784	14,333	13,460	2,521	2,385
Colorado .....	4,446	4,499	4,966	5,012	2,592	2,540
Florida <sup>1</sup> .....	6,806	(NA)	7,283	(NA)	2,275	(NA)
Georgia .....	9,141	9,810	19,742	20,221	2,072	2,099
Illinois .....	5,530	5,844	6,083	6,381	2,385	2,586
Indiana .....	32,601	33,304	33,792	34,537	2,432	2,432
Iowa .....	56,292	56,842	58,024	58,595	2,411	2,509
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,611	(NA)	2,196
Maryland .....	2,280	2,417	2,489	2,614	2,302	2,529
Michigan .....	14,785	15,473	15,074	15,767	2,576	2,491
Minnesota .....	10,164	10,485	10,750	11,057	2,481	2,590
Mississippi .....	1,473	(D)	5,789	5,739	2,061	2,100
Missouri .....	6,958	7,372	11,612	12,434	2,496	2,522
Nebraska .....	7,546	8,494	7,784	8,816	2,584	2,527
New York .....	4,926	4,977	5,454	5,520	2,483	2,543
North Carolina .....	6,976	6,478	15,533	15,095	2,162	2,145
Ohio .....	31,494	34,714	32,657	35,896	2,408	2,534
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	3,066	(NA)	1,983
Oregon .....	2,091	2,080	2,284	2,273	2,596	2,640
Pennsylvania .....	25,831	25,536	28,404	28,179	2,514	2,506
South Carolina .....	3,173	2,541	4,433	3,847	2,296	2,249
South Dakota .....	2,463	2,648	2,518	2,703	2,593	2,716
Texas .....	17,811	(D)	22,682	21,958	2,274	2,319
Utah .....	4,530	4,819	4,582	4,871	2,423	2,542
Virginia .....	871	828	2,820	2,693	2,241	2,406
Washington .....	6,849	6,750	7,014	6,915	2,615	2,528
Wisconsin .....	6,451	5,972	7,528	7,077	2,403	2,607
Other States <sup>3</sup> .....	23,449	26,024	33,765	32,127	2,280	2,384
United States .....	313,770	319,025	391,773	397,706	2,362	2,404

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: April 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 .....	176.7	189.4	28.5	34.3	148.2	155.1
Arkansas .....	290.9	298.9	113.2	(D)	177.7	(D)
California .....	352.1	311.2	(D)	(D)	(D)	(D)
Colorado .....	121.7	122.8	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	164.1	(NA)	158.8	(NA)	5.3	(NA)
Georgia .....	391.2	426.8	204.8	236.4	186.4	190.4
Illinois .....	144.7	148.7	140.6	146.3	4.1	2.4
Indiana .....	785.1	843.9	771.3	828.5	13.8	15.4
Iowa .....	1,339.8	1,403.0	1,323.5	1,381.5	16.3	21.5
Kentucky <sup>2</sup> .....	(NA)	121.8	(NA)	(D)	(NA)	(D)
Maryland .....	59.0	63.6	57.6	62.3	1.4	1.3
Michigan .....	383.2	384.2	(D)	(D)	(D)	(D)
Minnesota .....	259.0	274.2	251.4	266.1	7.6	8.1
Mississippi .....	117.9	116.7	36.2	(D)	81.7	(D)
Missouri .....	286.5	304.2	(D)	269.5	(D)	34.7
Nebraska .....	191.6	207.4	187.9	202.3	3.7	5.1
New York .....	129.5	133.2	(D)	(D)	(D)	(D)
North Carolina .....	333.1	307.8	181.2	154.4	151.9	153.4
Ohio .....	726.1	919.3	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	58.6	(NA)	(D)	(NA)	(D)
Oregon .....	61.9	58.7	61.9	58.7	-	-
Pennsylvania .....	691.6	668.2	663.0	639.4	28.6	28.8
South Carolina .....	94.7	94.0	73.4	71.8	21.3	22.2
South Dakota .....	65.7	71.0	65.7	71.0	-	-
Texas .....	501.1	510.2	(D)	(D)	(D)	(D)
Utah .....	116.2	121.9	116.2	121.9	-	-
Virginia .....	58.7	61.5	28.7	32.0	30.0	29.5
Washington .....	164.8	170.0	(D)	(D)	(D)	(D)
Wisconsin .....	172.4	171.4	(D)	165.8	(D)	5.6
Other States <sup>3</sup> .....	753.0	763.0	620.6	688.3	132.4	74.7
United States .....	8,932.3	9,325.6	7,785.1	8,160.0	1,147.2	1,165.6

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

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

## Egg Production by Type – States and United States: May 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 .....	181.6	196.1	29.6	36.6	152.0	159.5
Arkansas .....	295.0	307.2	108.9	(D)	186.1	(D)
California .....	361.3	321.0	(D)	(D)	(D)	(D)
Colorado .....	128.7	127.3	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	165.7	(NA)	160.3	(NA)	5.4	(NA)
Georgia .....	409.1	424.4	210.9	227.9	198.2	196.5
Illinois .....	145.1	165.0	141.1	162.4	4.0	2.6
Indiana .....	821.8	840.0	807.6	824.8	14.2	15.2
Iowa .....	1,398.9	1,470.3	1,384.2	1,447.7	14.7	22.6
Kentucky <sup>2</sup> .....	(NA)	123.2	(NA)	(D)	(NA)	(D)
Maryland .....	57.3	66.1	55.7	64.7	1.6	1.4
Michigan .....	388.3	392.8	(D)	(D)	(D)	(D)
Minnesota .....	266.7	286.4	258.8	278.4	7.9	8.0
Mississippi .....	119.3	120.5	35.2	(D)	84.1	(D)
Missouri .....	289.8	313.6	(D)	277.2	(D)	36.4
Nebraska .....	201.1	222.8	197.0	217.1	4.1	5.7
New York .....	135.4	140.4	(D)	(D)	(D)	(D)
North Carolina .....	335.8	323.8	178.9	164.7	156.9	159.1
Ohio .....	786.3	909.7	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	60.8	(NA)	(D)	(NA)	(D)
Oregon .....	59.3	60.0	59.3	60.0	-	-
Pennsylvania .....	714.2	706.2	682.6	674.9	31.6	31.3
South Carolina .....	101.8	86.5	79.2	63.4	22.6	23.1
South Dakota .....	65.3	73.4	65.3	73.4	-	-
Texas .....	515.7	509.3	(D)	(D)	(D)	(D)
Utah .....	111.0	123.8	111.0	123.8	-	-
Virginia .....	63.2	64.8	30.9	33.7	32.3	31.1
Washington .....	183.4	174.8	(D)	(D)	(D)	(D)
Wisconsin .....	180.9	184.5	(D)	178.6	(D)	5.9
Other States <sup>3</sup> .....	769.8	765.9	631.0	688.5	138.8	77.4
United States .....	9,251.8	9,560.6	8,055.8	8,347.5	1,196.0	1,213.1

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

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

## Egg Production in Dozens by Type – States and United States: April 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)					
Alabama .....	14,725.0	15,783.3	2,375.0	2,858.3	12,350.0	12,925.0
Arkansas .....	24,241.7	24,908.4	9,433.4	(D)	14,808.3	(D)
California .....	29,341.7	25,933.4	(D)	(D)	(D)	(D)
Colorado .....	10,141.7	10,233.4	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	13,675.0	(NA)	13,233.3	(NA)	441.7	(NA)
Georgia .....	32,600.1	35,566.6	17,066.7	19,700.0	15,533.4	15,866.6
Illinois .....	12,058.4	12,391.7	11,716.7	12,191.7	341.7	200.0
Indiana .....	65,425.0	70,324.9	64,275.0	69,041.6	1,150.0	1,283.3
Iowa .....	111,649.9	116,916.6	110,291.6	115,125.0	1,358.3	1,791.6
Kentucky <sup>2</sup> .....	(NA)	10,150.0	(NA)	(D)	(NA)	(D)
Maryland .....	4,916.7	5,300.1	4,800.0	5,191.7	116.7	108.4
Michigan .....	31,933.4	32,016.7	(D)	(D)	(D)	(D)
Minnesota .....	21,583.3	22,850.0	20,950.0	22,175.0	633.3	675.0
Mississippi .....	9,825.1	9,725.0	3,016.7	(D)	6,808.4	(D)
Missouri .....	23,875.0	25,349.9	(D)	22,458.3	(D)	2,891.6
Nebraska .....	15,966.6	17,283.3	15,658.3	16,858.3	308.3	425.0
New York .....	10,791.7	11,100.0	(D)	(D)	(D)	(D)
North Carolina .....	27,758.3	25,650.0	15,100.0	12,866.7	12,658.3	12,783.3
Ohio .....	60,508.3	76,608.4	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	4,883.3	(NA)	(D)	(NA)	(D)
Oregon .....	5,158.4	4,891.7	5,158.4	4,891.7	-	-
Pennsylvania .....	57,633.3	55,683.3	55,250.0	53,283.3	2,383.3	2,400.0
South Carolina .....	7,891.7	7,833.3	6,116.7	5,983.3	1,775.0	1,850.0
South Dakota .....	5,475.0	5,916.7	5,475.0	5,916.7	-	-
Texas .....	41,758.3	42,516.7	(D)	(D)	(D)	(D)
Utah .....	9,683.3	10,158.3	9,683.3	10,158.3	-	-
Virginia .....	4,891.7	5,125.0	2,391.7	2,666.6	2,500.0	2,458.4
Washington .....	13,733.3	14,166.6	(D)	(D)	(D)	(D)
Wisconsin .....	14,366.6	14,283.2	(D)	13,816.6	(D)	466.6
Other States <sup>3</sup> .....	62,750.1	63,583.2	51,716.8	57,358.3	11,033.3	6,224.9
United States .....	744,358.6	777,133.0	648,758.7	679,999.9	95,599.9	97,133.1

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

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

## Egg Production in Dozens by Type – States and United States: May 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)					
Alabama .....	15,133.4	16,341.7	2,466.7	3,050.0	12,666.7	13,291.7
Arkansas .....	24,583.3	25,599.9	9,075.0	(D)	15,508.3	(D)
California .....	30,108.3	26,750.0	(D)	(D)	(D)	(D)
Colorado .....	10,725.0	10,608.3	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	13,808.3	(NA)	13,358.3	(NA)	450.0	(NA)
Georgia .....	34,091.6	35,366.7	17,575.0	18,991.7	16,516.6	16,375.0
Illinois .....	12,091.7	13,750.1	11,758.4	13,533.4	333.3	216.7
Indiana .....	68,483.3	70,000.0	67,300.0	68,733.4	1,183.3	1,266.6
Iowa .....	116,575.0	122,525.0	115,350.0	120,641.7	1,225.0	1,883.3
Kentucky <sup>2</sup> .....	(NA)	10,266.6	(NA)	(D)	(NA)	(D)
Maryland .....	4,775.1	5,508.4	4,641.7	5,391.7	133.4	116.7
Michigan .....	32,358.4	32,733.3	(D)	(D)	(D)	(D)
Minnesota .....	22,225.0	23,866.7	21,566.7	23,200.0	658.3	666.7
Mississippi .....	9,941.7	10,041.7	2,933.4	(D)	7,008.3	(D)
Missouri .....	24,150.0	26,133.3	(D)	23,100.0	(D)	3,033.3
Nebraska .....	16,758.4	18,566.6	16,416.7	18,091.6	341.7	475.0
New York .....	11,283.3	11,699.9	(D)	(D)	(D)	(D)
North Carolina .....	27,983.4	26,983.3	14,908.4	13,725.0	13,075.0	13,258.3
Ohio .....	65,525.0	75,808.3	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	5,066.7	(NA)	(D)	(NA)	(D)
Oregon .....	4,941.7	5,000.0	4,941.7	5,000.0	-	-
Pennsylvania .....	59,516.6	58,850.1	56,883.3	56,241.7	2,633.3	2,608.4
South Carolina .....	8,483.3	7,208.3	6,600.0	5,283.3	1,883.3	1,925.0
South Dakota .....	5,441.7	6,116.7	5,441.7	6,116.7	-	-
Texas .....	42,975.0	42,441.7	(D)	(D)	(D)	(D)
Utah .....	9,250.0	10,316.6	9,250.0	10,316.6	-	-
Virginia .....	5,266.7	5,400.0	2,575.0	2,808.3	2,691.7	2,591.7
Washington .....	15,283.3	14,566.7	(D)	(D)	(D)	(D)
Wisconsin .....	15,074.9	15,374.9	(D)	14,883.3	(D)	491.6
Other States <sup>3</sup> .....	64,149.9	63,825.1	52,583.3	57,375.1	11,566.6	6,450.0
United States .....	770,983.3	796,716.6	671,316.9	695,625.0	99,666.4	101,091.6

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> 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 .....	1.8	1.5	16.4	13.3
February .....	2.9	2.6	16.0	13.0
March .....	1.8	1.5	16.0	13.8
April .....	1.7	1.3	15.4	13.8
May .....	3.1	2.5	14.4	13.2
June .....	3.0	1.9	14.7	13.3
July .....	2.2		15.0	
August .....	2.2		14.6	
September .....	2.7		14.6	
October .....	2.3		15.2	
November .....	1.6		14.9	
December .....	1.1		14.6	

## Molted as Percent of All Layers – States and United States: May 1 and June 1, 2018-2019

State	Being molted				Molt completed			
	May 1		June 1		May 1		June 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	1.0	1.5	2.5	1.0	3.0	3.5	4.5	5.0
Arkansas .....	1.5	0.5	3.5	2.0	4.0	9.0	3.5	8.5
California .....	2.5	4.0	1.5	2.0	11.5	10.0	12.0	12.0
Colorado .....	-	1.5	-	2.0	12.0	6.0	10.5	6.0
Florida <sup>1</sup> .....	8.5	(NA)	8.0	(NA)	43.0	(NA)	38.5	(NA)
Georgia .....	4.5	2.0	3.5	3.0	10.0	9.5	10.5	8.0
Illinois .....	0.5	-	1.5	-	9.5	13.5	9.5	13.0
Indiana .....	1.5	2.5	0.5	2.0	16.0	17.0	17.0	18.0
Iowa .....	2.5	3.5	3.5	1.5	25.5	17.0	24.5	18.0
Kentucky <sup>2</sup> .....	(NA)	1.5	(NA)	5.5	(NA)	-	(NA)	1.5
Maryland .....	-	-	-	-	-	-	-	-
Michigan .....	1.0	1.5	1.5	1.0	4.5	4.5	4.5	5.5
Minnesota .....	1.0	1.0	1.0	-	13.5	5.5	12.5	3.0
Mississippi .....	3.0	2.0	5.0	3.0	10.5	17.5	12.0	17.5
Missouri .....	1.5	-	2.5	2.5	6.0	9.0	5.0	7.0
Nebraska .....	3.5	3.0	1.0	-	8.0	10.0	9.0	11.0
New York .....	1.5	5.0	-	1.5	4.5	1.5	3.0	6.0
North Carolina .....	2.0	0.5	0.5	-	10.0	5.5	9.5	5.0
Ohio .....	10.5	2.0	7.0	3.0	22.5	15.5	27.0	14.0
Oklahoma <sup>2</sup> .....	(NA)	0.5	(NA)	0.5	(NA)	22.0	(NA)	22.0
Oregon .....	-	-	2.5	-	4.5	-	4.5	-
Pennsylvania .....	1.5	0.5	1.5	0.5	5.0	2.5	5.0	1.5
South Carolina .....	2.5	5.0	4.5	2.5	9.0	19.0	9.5	25.0
South Dakota .....	7.5	3.5	7.5	-	3.5	0.5	4.0	3.5
Texas .....	5.0	6.0	5.5	5.5	20.5	34.5	24.0	36.5
Utah .....	7.0	9.5	8.0	3.0	12.5	24.0	15.0	28.5
Virginia .....	4.0	-	3.5	-	-	-	-	-
Washington .....	1.5	4.5	2.5	1.0	11.5	14.0	11.5	15.0
Wisconsin .....	-	2.0	3.5	-	18.5	16.5	16.5	13.5
Other States <sup>3</sup> .....	2.6	3.9	2.9	3.2	13.5	19.9	13.4	20.1
United States .....	3.1	2.5	3.0	1.9	14.4	13.2	14.7	13.3

- Represents zero.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> 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)
<b>Egg-type</b>			
Eggs in incubators on June 1 .....	50,184	51,596	103
Chicks hatched during May .....	59,756	60,775	102
Chicks hatched January through May .....	278,937	285,502	102
<b>Pullets hatched during May for intended placements:</b>			
Hatchery supply flocks .....	185	215	116
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,824	2,468	87
<b>Broiler-type</b>			
Eggs in incubators on June 1 .....	696,163	703,178	101
Chicks hatched during May .....	839,138	855,815	102
Chicks hatched January through May .....	4,028,703	4,088,287	101
<b>Pullets hatched during May for intended placements:</b>			
Hatchery supply flocks .....	8,282	8,767	106
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	70,623	71,318	101

<sup>1</sup> 2019 includes pullet chicks hatched November 2017 through October 2018.

<sup>2</sup> 2019 includes pullet chicks hatched February 2018 through October 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 .....	46,738	51,432	110
February .....	51,140	55,001	108
March .....	56,234	53,586	95
April .....	56,069	58,422	104
May .....	56,063	55,489	99
June .....	50,184	51,596	103
July .....	46,193		
August .....	46,268		
September .....	50,036		
October .....	51,647		
November .....	45,096		
December .....	50,469		

## 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 .....	51,900	56,219	108	51,900	56,219	108
February .....	50,148	52,182	104	102,048	108,401	106
March .....	58,147	55,658	96	160,195	164,059	102
April .....	58,986	60,668	103	219,181	224,727	103
May .....	59,756	60,775	102	278,937	285,502	102
June .....	53,019			331,956		
July .....	50,806			382,762		
August .....	53,207			435,969		
September .....	49,610			485,579		
October .....	54,960			540,539		
November .....	47,043			587,582		
December .....	46,370			633,952		

## 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 <sup>1</sup>	
	2018	2019		2018	2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	251	268	107	3,118	2,446
February .....	148	201	136	3,035	2,402
March .....	195	189	97	2,908	2,468
April .....	205	295	144	2,899	2,446
May .....	185	215	116	2,824	2,468
June .....	178			2,755	2,509
July .....	159			2,858	2,515
August .....	263			2,877	2,476
September .....	150			2,836	2,524
October .....	271			2,819	2,579
November .....	242			2,776	2,669
December .....	268			2,568	2,699
Total .....	2,515				

<sup>1</sup> For May 2019, includes breeder pullet chicks hatched November 2017 through October 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 .....	680,865	683,669	100
February .....	674,818	687,593	102
March .....	683,932	693,433	101
April .....	683,441	695,057	102
May .....	691,648	701,875	101
June .....	696,163	703,178	101
July .....	689,500		
August .....	687,888		
September .....	672,199		
October .....	648,499		
November .....	647,856		
December .....	692,140		

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

State	During May			January-May		
	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 .....	110,092	110,929	101	531,201	541,197	102
Arkansas .....	89,729	91,887	102	430,987	439,284	102
Delaware .....	19,327	19,629	102	93,103	93,235	100
Florida .....	4,599	4,342	94	20,815	21,280	102
Georgia .....	128,650	127,918	99	621,061	613,462	99
Kentucky .....	27,734	28,198	102	134,667	134,943	100
Louisiana .....	12,862	13,908	108	63,101	65,606	104
Maryland .....	30,218	30,170	100	143,462	144,301	101
Mississippi .....	69,292	71,916	104	333,502	337,101	101
Missouri .....	30,513	31,168	102	143,908	148,176	103
North Carolina .....	83,745	86,845	104	400,479	418,935	105
Oklahoma .....	27,500	28,104	102	131,692	134,830	102
Pennsylvania .....	21,064	20,616	98	97,988	94,371	96
South Carolina .....	20,919	20,833	100	100,644	100,646	100
Texas .....	58,799	64,844	110	284,205	302,929	107
Virginia .....	22,881	23,672	103	114,358	113,855	100
California, Tennessee, and West Virginia .....	46,322	45,046	97	219,405	212,644	97
Other States <sup>1</sup> .....	34,892	35,790	103	164,125	171,492	104
United States .....	839,138	855,815	102	4,028,703	4,088,287	101

<sup>1</sup> 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 .....	823,159	828,596	101	823,159	828,596	101
February .....	735,151	749,845	102	1,558,310	1,578,441	101
March .....	828,209	836,472	101	2,386,519	2,414,913	101
April .....	803,046	817,559	102	3,189,565	3,232,472	101
May .....	839,138	855,815	102	4,028,703	4,088,287	101
June .....	822,100			4,850,803		
July .....	844,737			5,695,540		
August .....	840,163			6,535,703		
September .....	787,754			7,323,457		
October .....	790,516			8,113,973		
November .....	767,008			8,880,981		
December .....	826,760			9,707,741		

## 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 <sup>1</sup>	
	2018 (1,000 chicks)	2019 (1,000 chicks)		2018 (1,000 chicks)	2019 (1,000 chicks)
<b>United States placements</b>					
January .....	7,133	7,478	105	68,872	70,216
February .....	7,579	7,882	104	69,047	70,100
March .....	8,088	8,222	102	69,492	70,500
April .....	7,688	7,339	95	70,197	71,182
May .....	8,282	8,767	106	70,623	71,318
June .....	8,319			70,734	71,640
July .....	7,473			70,067	72,147
August .....	8,343			70,155	72,314
September .....	8,277			69,575	71,895
October .....	7,269			69,406	71,440
November .....	7,901			70,010	71,306
December .....	8,595			70,137	71,730
Annual total .....	94,947				
<b>Total placements <sup>2</sup></b>					
January .....	8,817	8,957	102		
February .....	9,458	9,525	101		
March .....	9,782	10,161	104		
April .....	9,334	9,146	98		
May .....	10,178	10,797	106		
June .....	10,140				
July .....	8,843				
August .....	10,102				
September .....	9,886				
October .....	8,971				
November .....	9,720				
December .....	10,470				
Annual total .....	115,701				

<sup>1</sup> For May 2019, includes breeder pullet chicks hatched February 2018 through October 2018.

<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 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 398 million layers by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.5 percent.

## Reliability of Layer and Egg Estimates

[Based on data for the past twenty-four months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
All layers .....	(percent) 1.4	(percent) 2.5	(1,000) 5,035	(1,000) 0	(1,000) 8,430	(number) 22	(number) 1
Eggs .....	1.5	2.6	(million) 122	(million) 0	(million) 206	22	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](mailto: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
Adam Peters – Broiler Hatchery, Chicken Hatchery .....	(202) 690-3237
Kim Linonis – Layers, Eggs .....	(202) 690-3676
Fatema Haque – Turkey Hatchery, Turkeys Raised .....	(202) 720-3244
Vacant – Cost of Pollination, Honey, Honey Bee Colonies .....	(202) 720-6147

## Access to NASS Reports

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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