



Chickens and Eggs

ISSN: 1948-9064

Released March 27, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

February Egg Production Up 3 Percent

United States egg production totaled 8.56 billion during February 2019, up 3 percent from last year. Production included 7.48 billion table eggs, and 1.08 billion hatching eggs, of which 1.00 billion were broiler-type and 80.3 million were egg-type. The average number of layers during February 2019 totaled 398 million, up 2 percent from last year. February egg production per 100 layers was 2,154 eggs, up 2 percent from February 2018.

All layers in the United States on March 1, 2019 totaled 399 million, up 2 percent from last year. The 399 million layers consisted of 336 million layers producing table or market type eggs, 59.4 million layers producing broiler-type hatching eggs, and 3.47 million layers producing egg-type hatching eggs. Rate of lay per day on March 1, 2019, averaged 76.6 eggs per 100 layers, up 1 percent from March 1, 2018.

Egg-Type Chicks Hatched Up 6 Percent

Egg-type chicks hatched during February 2019 totaled 53.1 million, up 6 percent from February 2018. Eggs in incubators totaled 53.4 million on March 1, 2019, down 5 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 201 thousand during February 2019, up 31 percent from February 2018.

Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during February 2019 totaled 750 million, up 2 percent from February 2018. Eggs in incubators totaled 694 million on March 1, 2019, up 2 percent from a year ago.

Leading breeders placed 7.96 million broiler-type pullet chicks for future domestic hatchery supply flocks during February 2019, up 4 percent from February 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 ¹		388,256		392,577
January		388,368		394,789
February		390,282		397,605
March		392,585		
April		392,319		
May		391,773		
June		391,581		
July		390,626		
August		390,726		
September		391,745		
October		392,492		
November		394,987		

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)					
December ¹	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	8,562.7	7,226.9	7,479.8	1,051.1	1,082.9
March	9,243.3		8,070.2		1,173.1	
April	8,932.3		7,785.1		1,147.2	
May	9,251.8		8,055.8		1,196.0	
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	

¹ December previous year.

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

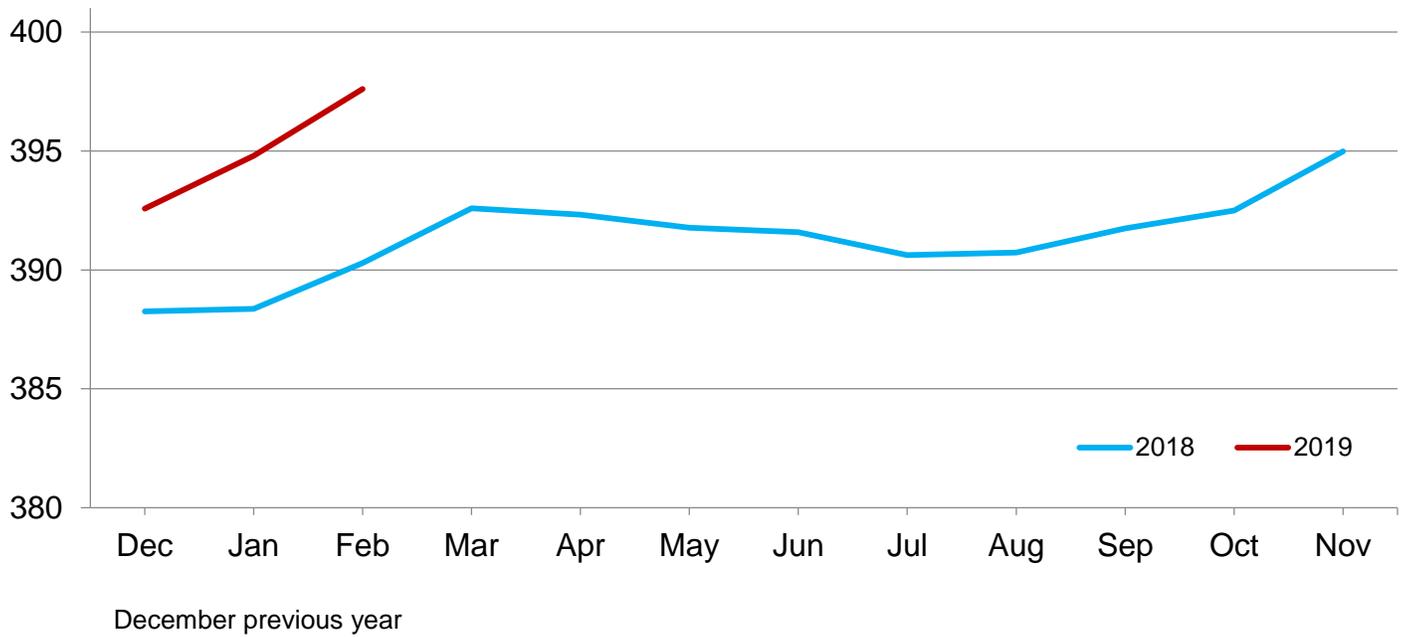
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)					
December ¹	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	713,558.2	602,241.7	623,316.6	87,591.7	90,241.6
March	770,275.4		672,517.0		97,758.4	
April	744,358.6		648,758.7		95,599.9	
May	770,983.3		671,316.9		99,666.4	
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	

¹ December previous year.

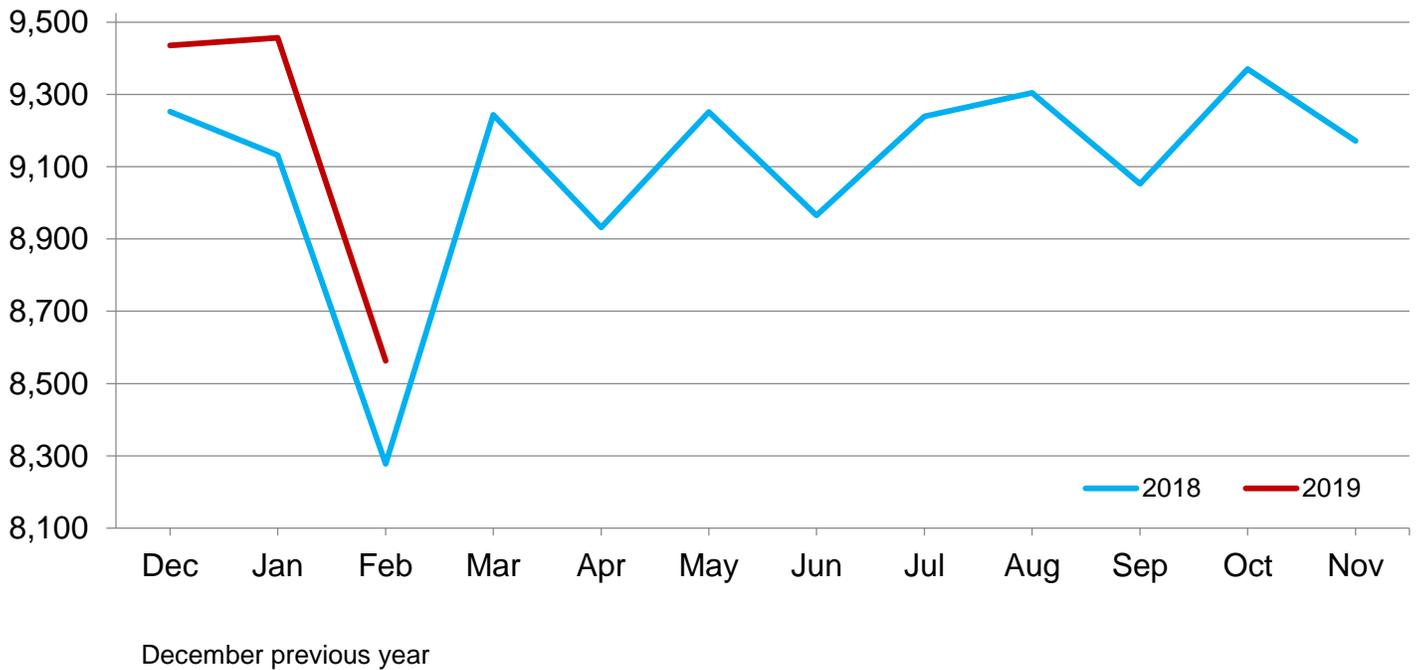
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



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

Item	2018	2019	2019 as percent of 2018
Layers during January			
All layers 1,000	388,368	394,789	102
Table egg type 1,000	327,213	332,613	102
Hatching egg type 1,000	61,155	62,176	102
Broiler-type hatching 1,000	57,770	58,728	102
Egg-type hatching 1,000	3,385	3,448	102
Eggs per 100 layers during January			
All layers number	2,351	2,395	102
Table egg type number	2,440	2,488	102
Hatching egg type number	1,879	1,900	101
Broiler-type hatching number	1,850	1,860	101
Egg-type hatching number	2,369	2,578	109
Eggs produced during January			
All layers million	9,132.1	9,456.6	104
Table egg type million	7,983.3	8,275.4	104
Hatching egg type million	1,148.8	1,181.2	103
Broiler-type hatching million	1,068.6	1,092.3	102
Egg-type hatching million	80.2	88.9	111
Eggs produced during January			
All layers 1,000 dozen	761,008.4	788,050.4	104
Table egg type 1,000 dozen	665,275.0	689,617.1	104
Hatching egg type 1,000 dozen	95,733.4	98,433.3	103
Broiler-type hatching 1,000 dozen	89,049.9	91,024.9	102
Egg-type hatching 1,000 dozen	6,683.5	7,408.4	111
Layers on February 1			
All layers 1,000	388,227	396,204	102
Table egg type 1,000	326,522	333,602	102
Hatching egg type 1,000	61,705	62,602	101
Broiler-type hatching 1,000	58,263	59,145	102
Egg-type hatching 1,000	3,442	3,457	100
Eggs per 100 layers on February 1			
All layers number	75.5	77.2	102
Table egg type number	78.3	80.1	102
Hatching egg type number	60.6	61.5	101
Broiler-type hatching number	59.7	60.3	101
Egg-type hatching number	75.9	83.2	110
Molted layers on February 1			
Being molted percent	2.9	2.6	90
Molt completed percent	16.0	13.0	81
Layers sold for slaughter during January 1,000	13,624.5	13,517.1	99
Layers rendered, died, destroyed, composted or disappeared for any reason during January 1,000	9,883.8	11,832.5	120
Pullets on February 1 1,000	118,908	125,279	105
Pullets added during January ¹ 1,000	27,237.8	26,963.1	99

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

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

Item	2018	2019	2019 as percent of 2018
Layers during February			
All layers 1,000	390,282	397,605	102
Table egg type 1,000	328,559	334,854	102
Hatching egg type 1,000	61,723	62,751	102
Broiler-type hatching 1,000	58,241	59,284	102
Egg-type hatching 1,000	3,482	3,467	100
Eggs per 100 layers during February			
All layers number	2,121	2,154	102
Table egg type number	2,200	2,234	102
Hatching egg type number	1,703	1,726	101
Broiler-type hatching number	1,678	1,691	101
Egg-type hatching number	2,128	2,316	109
Eggs produced during February			
All layers million	8,278.0	8,562.7	103
Table egg type million	7,226.9	7,479.8	103
Hatching egg type million	1,051.1	1,082.9	103
Broiler-type hatching million	977.0	1,002.6	103
Egg-type hatching million	74.1	80.3	108
Eggs produced during February			
All layers 1,000 dozen	689,833.4	713,558.2	103
Table egg type 1,000 dozen	602,241.7	623,316.6	103
Hatching egg type 1,000 dozen	87,591.7	90,241.6	103
Broiler-type hatching 1,000 dozen	81,416.7	83,549.9	103
Egg-type hatching 1,000 dozen	6,175.0	6,691.7	108
Layers on March 1			
All layers 1,000	392,297	398,972	102
Table egg type 1,000	330,576	336,089	102
Hatching egg type 1,000	61,721	62,883	102
Broiler-type hatching 1,000	58,208	59,415	102
Egg-type hatching 1,000	3,513	3,468	99
Eggs per 100 layers on March 1			
All layers number	75.9	76.6	101
Table egg type number	78.8	79.4	101
Hatching egg type number	60.9	61.7	101
Broiler-type hatching number	60.0	60.5	101
Egg-type hatching number	76.2	83.2	109
Molted layers on March 1			
Being molted percent	1.8	1.5	83
Molt completed percent	16.0	13.8	86
Layers sold for slaughter during February 1,000	12,779.7	14,785.1	116
Layers rendered, died, destroyed, composted or disappeared for any reason during February 1,000	10,232.2	9,849.3	96
Pullets on March 1 1,000	119,847	122,174	102
Pullets added during February ¹ 1,000	29,018.1	26,028.7	90

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

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	9,228	9,926	1,889	1,882
Arkansas ¹	4,204	(NA)	14,759	(NA)	1,979	(NA)
California	13,723	13,734	14,463	14,536	2,497	2,437
Colorado	4,214	4,246	4,734	4,700	2,501	2,594
Florida ¹	6,970	(NA)	7,390	(NA)	2,327	(NA)
Georgia	9,355	9,778	19,581	19,982	2,094	2,170
Illinois	4,920	5,659	5,491	6,205	2,570	2,604
Indiana	32,042	33,851	33,261	34,944	2,434	2,480
Iowa	54,422	55,631	56,155	57,194	2,331	2,520
Maryland	2,635	2,640	2,816	2,823	2,472	2,380
Michigan	14,545	15,826	14,857	16,110	2,457	2,495
Minnesota	10,138	10,534	10,709	11,122	2,389	2,485
Mississippi ¹	1,494	(NA)	5,797	(NA)	2,063	(NA)
Missouri	7,135	8,054	11,428	12,342	2,422	2,512
Nebraska	7,298	8,177	7,546	8,456	2,633	2,634
New York	5,204	5,138	5,701	5,605	2,529	2,525
North Carolina	7,063	5,932	15,300	14,304	2,198	2,116
Ohio	31,374	31,547	32,517	32,655	2,401	2,493
Oregon	2,287	2,170	2,480	2,336	2,569	2,671
Pennsylvania	26,163	25,860	28,597	28,205	2,507	2,492
South Carolina	3,053	3,261	4,336	4,504	2,235	2,265
South Dakota	2,443	2,741	2,498	2,840	2,662	2,320
Texas ¹	17,722	(NA)	22,507	(NA)	2,263	(NA)
Utah	4,999	4,790	5,051	4,835	2,497	2,592
Virginia	793	793	2,690	2,571	2,368	2,190
Washington	6,982	6,816	7,147	6,981	2,664	2,570
Wisconsin	6,068	6,123	7,143	7,054	2,513	2,384
Other States ²	24,051	55,196	34,186	84,559	2,296	2,237
United States	312,606	319,944	388,368	394,789	2,351	2,395

(NA) Not available.

¹ Included in Other States in 2019.

² Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During February 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	1,311	1,400	9,477	10,130	1,706	1,710
Arkansas ¹	4,275	(NA)	14,845	(NA)	1,821	(NA)
California	13,605	13,053	14,348	13,783	2,238	2,203
Colorado	4,164	4,332	4,684	4,845	2,289	2,332
Florida ¹	6,847	(NA)	7,289	(NA)	2,083	(NA)
Georgia	9,346	9,797	19,534	20,157	1,875	1,919
Illinois	5,169	5,870	5,742	6,444	2,255	2,216
Indiana	31,861	34,190	33,083	35,492	2,138	2,247
Iowa	54,867	55,883	56,612	57,615	2,151	2,245
Maryland	2,629	2,602	2,818	2,794	2,253	2,273
Michigan	0	0	0	0	0	0
Minnesota	14,989	15,843	15,301	16,157	2,239	2,211
Mississippi	10,346	10,560	10,926	11,136	2,166	2,230
Mississippi ¹	1,464	(NA)	5,800	(NA)	1,905	(NA)
Missouri	7,419	7,639	11,762	12,605	2,174	2,270
Nebraska	7,273	8,201	7,506	8,472	2,353	2,373
New York	5,149	5,120	5,660	5,664	2,300	2,327
North Carolina	6,917	6,087	15,363	14,691	1,923	1,933
Ohio	31,684	32,310	32,864	33,517	2,187	2,258
Oregon	2,357	2,192	2,550	2,385	2,298	2,344
Pennsylvania	26,101	25,523	28,600	28,107	2,275	2,213
South Carolina	3,025	3,339	4,274	4,611	2,036	2,071
South Dakota	2,555	2,737	2,610	2,792	2,395	2,228
Texas ¹	17,781	(NA)	22,532	(NA)	2,043	(NA)
Utah	5,082	4,703	5,134	4,755	2,205	2,360
Virginia	787	904	2,666	2,747	2,138	1,922
Washington	6,810	6,838	6,975	7,003	2,364	2,402
Wisconsin	6,006	6,047	7,080	7,173	2,201	2,107
Other States ²	24,063	54,214	34,247	84,530	2,059	2,015
United States	313,882	319,384	390,282	397,605	2,121	2,154

(NA) Not available.

¹ Included in Other States in 2019.

² Includes data for States not published in this table.

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	174.3	186.8	33.7	35.4	140.6	151.4
Arkansas ¹	292.1	(NA)	111.3	(NA)	180.8	(NA)
California	361.1	354.2	(D)	(D)	(D)	(D)
Colorado	118.4	121.9	(D)	(D)	(D)	(D)
Florida ¹	172.0	(NA)	168.1	(NA)	3.9	(NA)
Georgia	410.0	433.7	223.1	242.0	186.9	191.7
Illinois	141.1	161.6	137.2	157.6	3.9	4.0
Indiana	809.5	866.5	794.0	850.0	15.5	16.5
Iowa	1,309.0	1,441.2	1,292.7	1,418.9	16.3	22.3
Maryland	69.6	67.2	68.5	65.9	1.1	1.3
Michigan	365.1	401.9	(D)	(D)	(D)	(D)
Minnesota	255.8	276.4	248.2	267.9	7.6	8.5
Mississippi ¹	119.6	(NA)	36.0	(NA)	83.6	(NA)
Missouri	276.8	310.0	(D)	(D)	(D)	(D)
Nebraska	198.7	222.7	194.4	217.7	4.3	5.0
New York	144.2	141.5	(D)	(D)	(D)	(D)
North Carolina	336.3	302.7	183.5	148.8	152.8	153.9
Ohio	780.6	814.1	(D)	(D)	(D)	(D)
Oregon	63.7	62.4	63.7	62.4	-	-
Pennsylvania	716.9	703.0	691.0	671.7	25.9	31.3
South Carolina	96.9	102.0	74.7	79.0	22.2	23.0
South Dakota	66.5	65.9	66.5	65.9	-	-
Texas ¹	509.3	(NA)	(D)	(NA)	(D)	(NA)
Utah	126.1	125.3	126.1	125.3	-	-
Virginia	63.7	56.3	31.9	25.4	31.8	30.9
Washington	190.4	179.4	(D)	(D)	(D)	(D)
Wisconsin	179.5	168.2	(D)	(D)	(D)	(D)
Other States ²	784.9	1,891.7	650.9	1,413.8	134.0	477.9
United States	9,132.1	9,456.6	7,983.3	8,275.4	1,148.8	1,181.2

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: February 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	161.7	173.2	30.3	31.4	131.4	141.8
Arkansas ¹	270.4	(NA)	105.5	(NA)	164.9	(NA)
California	321.1	303.6	(D)	(D)	(D)	(D)
Colorado	107.2	113.0	(D)	(D)	(D)	(D)
Florida ¹	151.8	(NA)	148.1	(NA)	3.7	(NA)
Georgia	366.3	386.9	197.1	211.8	169.2	175.1
Illinois	129.5	142.8	126.0	140.2	3.5	2.6
Indiana	707.3	797.6	694.2	781.9	13.1	15.7
Iowa	1,217.5	1,293.4	1,201.9	1,273.2	15.6	20.2
Maryland	63.5	63.5	62.5	62.4	1.0	1.1
Michigan	342.6	357.3	(D)	(D)	(D)	(D)
Minnesota	236.7	248.3	229.4	240.6	7.3	7.7
Mississippi ¹	110.5	(NA)	34.1	(NA)	76.4	(NA)
Missouri	255.7	286.1	(D)	(D)	(D)	(D)
Nebraska	176.6	201.0	173.2	196.6	3.4	4.4
New York	130.2	131.8	(D)	(D)	(D)	(D)
North Carolina	295.4	284.0	155.8	141.5	139.6	142.5
Ohio	718.7	756.7	(D)	(D)	(D)	(D)
Oregon	58.6	55.9	58.6	55.9	-	-
Pennsylvania	650.7	622.0	625.8	594.3	24.9	27.7
South Carolina	87.0	95.5	67.3	75.0	19.7	20.5
South Dakota	62.5	62.2	62.5	62.2	-	-
Texas ¹	460.4	(NA)	(D)	(NA)	(D)	(NA)
Utah	113.2	112.2	113.2	112.2	-	-
Virginia	57.0	52.8	28.1	25.0	28.9	27.8
Washington	164.9	168.2	(D)	(D)	(D)	(D)
Wisconsin	155.8	151.1	(D)	(D)	(D)	(D)
Other States ²	705.2	1,703.6	582.7	1,266.0	122.5	437.6
United States	8,278.0	8,562.7	7,226.9	7,479.8	1,051.1	1,082.9

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² 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)					
Alabama	14,525.0	15,566.7	2,808.3	2,950.0	11,716.7	12,616.7
Arkansas ¹	24,341.7	(NA)	9,275.0	(NA)	15,066.7	(NA)
California	30,091.7	29,516.7	(D)	(D)	(D)	(D)
Colorado	9,866.7	10,158.3	(D)	(D)	(D)	(D)
Florida ¹	14,333.3	(NA)	14,008.3	(NA)	325.0	(NA)
Georgia	34,166.7	36,141.6	18,591.7	20,166.6	15,575.0	15,975.0
Illinois	11,758.3	13,466.7	11,433.3	13,133.4	325.0	333.3
Indiana	67,458.4	72,208.3	66,166.7	70,833.3	1,291.7	1,375.0
Iowa	109,083.3	120,100.0	107,725.0	118,241.7	1,358.3	1,858.3
Maryland	5,800.0	5,600.0	5,708.3	5,491.7	91.7	108.3
Michigan	30,425.0	33,491.6	(D)	(D)	(D)	(D)
Minnesota	21,316.7	23,033.4	20,683.3	22,325.0	633.4	708.4
Mississippi ¹	9,966.7	(NA)	3,000.0	(NA)	6,966.7	(NA)
Missouri	23,066.7	25,833.3	(D)	(D)	(D)	(D)
Nebraska	16,558.3	18,558.4	16,200.0	18,141.7	358.3	416.7
New York	12,016.7	11,791.7	(D)	(D)	(D)	(D)
North Carolina	28,025.0	25,225.0	15,291.7	12,400.0	12,733.3	12,825.0
Ohio	65,050.1	67,841.7	(D)	(D)	(D)	(D)
Oregon	5,308.4	5,200.0	5,308.4	5,200.0	-	-
Pennsylvania	59,741.6	58,583.3	57,583.3	55,975.0	2,158.3	2,608.3
South Carolina	8,075.0	8,500.1	6,225.0	6,583.4	1,850.0	1,916.7
South Dakota	5,541.7	5,491.7	5,541.7	5,491.7	-	-
Texas ¹	42,441.6	(NA)	(D)	(NA)	(D)	(NA)
Utah	10,508.3	10,441.7	10,508.3	10,441.7	-	-
Virginia	5,308.4	4,691.6	2,658.4	2,116.6	2,650.0	2,575.0
Washington	15,866.6	14,950.0	(D)	(D)	(D)	(D)
Wisconsin	14,958.3	14,016.7	(D)	(D)	(D)	(D)
Other States ²	65,408.2	157,641.9	54,241.7	117,816.9	11,166.5	39,825.0
United States	761,008.4	788,050.4	665,275.0	689,617.1	95,733.4	98,433.3

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: February 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	13,475.0	14,433.4	2,525.0	2,616.7	10,950.0	11,816.7
Arkansas ¹	22,533.3	(NA)	8,791.6	(NA)	13,741.7	(NA)
California	26,758.3	25,300.0	(D)	(D)	(D)	(D)
Colorado	8,933.4	9,416.6	(D)	(D)	(D)	(D)
Florida ¹	12,650.0	(NA)	12,341.7	(NA)	308.3	(NA)
Georgia	30,525.0	32,241.7	16,425.0	17,650.0	14,100.0	14,591.7
Illinois	10,791.6	11,899.9	10,500.0	11,683.3	291.6	216.6
Indiana	58,941.7	66,466.6	57,850.0	65,158.3	1,091.7	1,308.3
Iowa	101,458.3	107,783.3	100,158.3	106,100.0	1,300.0	1,683.3
Maryland	5,291.6	5,291.7	5,208.3	5,200.0	83.3	91.7
Michigan	28,549.9	29,775.0	(D)	(D)	(D)	(D)
Minnesota	19,724.9	20,691.6	19,116.6	20,050.0	608.3	641.6
Mississippi ¹	9,208.3	(NA)	2,841.6	(NA)	6,366.7	(NA)
Missouri	21,308.4	23,841.6	(D)	(D)	(D)	(D)
Nebraska	14,716.7	16,750.1	14,433.4	16,383.4	283.3	366.7
New York	10,850.1	10,983.4	(D)	(D)	(D)	(D)
North Carolina	24,616.7	23,666.6	12,983.4	11,791.6	11,633.3	11,875.0
Ohio	59,891.7	63,058.4	(D)	(D)	(D)	(D)
Oregon	4,883.4	4,658.3	4,883.4	4,658.3	-	-
Pennsylvania	54,225.0	51,833.3	52,150.0	49,525.0	2,075.0	2,308.3
South Carolina	7,250.0	7,958.3	5,608.3	6,250.0	1,641.7	1,708.3
South Dakota	5,208.3	5,183.3	5,208.3	5,183.3	-	-
Texas ¹	38,366.6	(NA)	(D)	(NA)	(D)	(NA)
Utah	9,433.4	9,350.0	9,433.4	9,350.0	-	-
Virginia	4,750.0	4,400.0	2,341.6	2,083.3	2,408.4	2,316.7
Washington	13,741.7	14,016.7	(D)	(D)	(D)	(D)
Wisconsin	12,983.3	12,591.6	(D)	(D)	(D)	(D)
Other States ²	58,766.8	141,966.8	48,558.5	105,500.2	10,208.3	36,466.6
United States	689,833.4	713,558.2	602,241.7	623,316.6	87,591.7	90,241.6

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² 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		15.4	
May	3.1		14.4	
June	3.0		14.7	
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: February 1 and March 1, 2018-2019

State	Being molted				Molt completed			
	February 1		March 1		February 1		March 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	-	0.5	4.5	5.5	3.5	5.0
Arkansas ¹	2.5	(NA)	-	(NA)	6.0	(NA)	8.5	(NA)
California	2.0	2.0	0.5	2.0	13.0	9.0	12.0	8.5
Colorado	3.0	2.0	-	1.0	12.0	4.0	14.0	5.0
Florida ¹	6.5	(NA)	2.5	(NA)	55.5	(NA)	52.0	(NA)
Georgia	3.5	4.0	1.0	2.0	11.0	8.5	13.5	9.5
Illinois	1.5	4.0	1.5	1.5	10.5	10.5	10.0	13.5
Indiana	4.0	2.5	0.5	1.0	15.0	15.0	17.5	15.5
Iowa	2.5	3.0	5.0	2.0	25.0	16.5	24.5	18.0
Maryland	-	-	-	-	-	-	-	-
Michigan	0.5	1.5	-	1.5	6.0	3.0	5.0	4.0
Minnesota	4.0	1.0	1.0	-	11.5	7.5	14.0	7.5
Mississippi ¹	3.5	(NA)	1.0	(NA)	9.5	(NA)	10.5	(NA)
Missouri	1.5	0.5	-	0.5	9.5	9.0	9.5	8.0
Nebraska	-	-	-	1.0	10.0	12.5	9.5	10.5
New York	-	-	-	-	5.5	3.5	5.5	3.5
North Carolina	3.5	-	1.5	-	12.0	6.5	12.5	5.0
Ohio	5.0	1.5	2.5	2.0	28.0	19.5	26.0	18.5
Oregon	2.5	-	-	-	6.0	5.0	8.5	2.5
Pennsylvania	-	1.0	2.0	-	4.0	1.5	3.5	1.5
South Carolina	4.5	2.0	-	-	7.0	20.0	12.5	20.5
South Dakota	-	-	3.5	-	10.0	3.5	10.0	3.0
Texas ¹	7.0	(NA)	2.0	(NA)	25.5	(NA)	25.0	(NA)
Utah	10.0	4.5	3.5	4.5	11.5	24.0	13.0	24.0
Virginia	-	-	-	-	4.0	8.0	-	4.0
Washington	-	1.5	3.5	-	17.5	15.5	14.5	16.0
Wisconsin	2.5	8.5	-	1.5	29.5	17.0	24.5	25.0
Other States ²	2.8	4.5	2.5	2.8	14.9	19.1	15.2	21.2
United States	2.9	2.6	1.8	1.5	16.0	13.0	16.0	13.8

- Represents zero.

(NA) Not available.

¹ Included in Other States in 2019.

² 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 March 1	56,120	53,365	95
Chicks hatched during February	50,148	53,119	106
Chicks hatched January through February	102,461	109,338	107
Pullets hatched during February for intended placements:			
Hatchery supply flocks	153	201	131
Cumulative potential placements 7-18 months earlier ¹	2,972	2,284	77
Broiler-type			
Eggs in incubators on March 1	682,716	694,129	102
Chicks hatched during February	734,729	749,879	102
Chicks hatched January through February	1,557,558	1,578,475	101
Pullets hatched during February for intended placements:			
Hatchery supply flocks	7,631	7,964	104
Cumulative potential placements 7-15 months earlier ²	69,049	70,207	102

¹ 2019 includes pullet chicks hatched August 2017 through July 2018.

² 2019 includes pullet chicks hatched November 2017 through July 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	55,001	107
March	56,120	53,365	95
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	56,219	107	52,313	56,219	107
February	50,148	53,119	106	102,461	109,338	107
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	201	131	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	2,524
October	225			2,652	
November	261			2,622	
December	250			2,523	
Total	2,439				

¹ For February 2019, includes breeder pullet chicks hatched August 2017 through July 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	687,593	102
March	682,716	694,129	102
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: February 2018 and 2019

State	During February			January-February		
	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	95,299	102,180	107	204,752	215,728	105
Arkansas	79,208	79,662	101	167,129	170,262	102
Delaware	17,640	17,456	99	36,077	35,419	98
Florida	3,470	3,941	114	7,812	8,369	107
Georgia	114,582	111,957	98	241,159	237,431	98
Kentucky	25,113	24,930	99	52,406	52,492	100
Louisiana	11,676	11,927	102	24,824	25,321	102
Maryland	25,193	27,024	107	54,777	55,461	101
Mississippi	61,041	61,668	101	129,296	130,141	101
Missouri	26,281	26,856	102	55,939	56,433	101
North Carolina	71,834	76,455	106	153,774	160,621	104
Oklahoma	24,509	24,753	101	51,614	52,465	102
Pennsylvania	17,185	16,943	99	37,397	35,924	96
South Carolina	18,447	18,332	99	38,924	38,924	100
Texas	53,128	55,125	104	110,888	112,640	102
Virginia	20,859	20,822	100	44,691	43,823	98
California, Tennessee, and West Virginia	39,428	38,070	97	83,111	80,695	97
Other States ¹	29,836	31,778	107	62,988	66,326	105
United States	734,729	749,879	102	1,557,558	1,578,475	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	828,596	101	822,829	828,596	101
February	734,729	749,879	102	1,557,558	1,578,475	101
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 (1,000 chicks)	2019 (1,000 chicks)		2018 (1,000 chicks)	2019 (1,000 chicks)
United States placements					
January	7,071	7,478	106	68,873	70,299
February	7,631	7,964	104	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	72,314
September	8,286			69,567	71,977
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	8,957	103		
February	9,540	9,834	103		
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 February 2019, includes breeder pullet chicks hatched November 2017 through July 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 1.5 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 1.5 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) 1.5	(percent) 2.5	(1,000) 5,353	(1,000) 0	(1,000) 8,430	(number) 23	(number) 0
Eggs	1.5	2.6	(million) 131	(million) 0	(million) 206	23	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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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) 720-6147
Kim Linonis – Layers, Eggs	(202) 690-3676
Fatema Haque – Turkey Hatchery, Turkeys Raised	(202) 720-3244
Erica Sadler – Cost of Pollination, Honey, Honey Bee Colonies	(202) 720-6147

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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 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.

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USDA NASS Data Users' Meeting
Tuesday, April 23, 2019

University of Chicago – Gleacher Center
450 North Cityfront Plaza Drive
Chicago, IL 60611
312-464-8787

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2019 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php). Contact Vernita Murray (NASS) at 202-690-8141 or vernita.murray@nass.usda.gov or Patricia Snipe (NASS) at 202-720-2248 or patricia.snipe@nass.usda.gov for information.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 24, 2019. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>). Or contact Laura Lahr at 303-716-9935 or laura.lahr@lmic.info.