



Chickens and Eggs

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December Egg Production Up 4 Percent

United States egg production totaled 9.80 billion during December 2019, up 4 percent from last year. Production included 8.59 billion table eggs, and 1.21 billion hatching eggs, of which 1.12 billion were broiler-type and 88.6 million were egg-type. The total number of layers during December 2019 averaged 403 million, up 3 percent from last year. December egg production per 100 layers was 2,429 eggs, up 1 percent from December 2018.

All layers in the United States on January 1, 2020 totaled 404 million, up 3 percent from last year. The 404 million layers consisted of 341 million layers producing table or market type eggs, 59.9 million layers producing broiler-type hatching eggs, and 3.50 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 2020, averaged 78.0 eggs per 100 layers, up 1 percent from January 1, 2019.

Egg-Type Chicks Hatched Up 1 Percent

Egg-type chicks hatched during December 2019 totaled 46.9 million, up 1 percent from December 2018. Eggs in incubators totaled 48.3 million on January 1, 2020, down 6 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 266 thousand during December 2019, down 1 percent from December 2018.

Broiler-Type Chicks Hatched Up 4 Percent

Broiler-type chicks hatched during December 2019 totaled 858 million, up 4 percent from December 2018. Eggs in incubators totaled 715 million on January 1, 2020, up 5 percent from a year ago.

Leading breeders placed 8.66 million broiler-type pullet chicks for future domestic hatchery supply flocks during December 2019, up 1 percent from December 2018.

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Average Layers During the Month – United States: 2019-2020

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

Month	2019		2020	
	(1,000 layers)		(1,000 layers)	
December ¹		392,577		403,496
January		394,789		
February		399,559		
March		403,680		
April		402,489		
May		397,737		
June		392,692		
July		390,484		
August		391,826		
September		394,257		
October		397,842		
November		401,592		

¹ December previous year.

Egg Production During the Month by Type – United States: 2019-2020

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

Month	Total eggs		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,435.6	9,799.8	8,259.1	8,590.9	1,176.5	1,208.9
January	9,456.6		8,275.4		1,181.2	
February	8,599.6		7,516.5		1,083.1	
March	9,626.7		8,424.3		1,202.4	
April	9,325.6		8,160.0		1,165.6	
May	9,559.4		8,346.3		1,213.1	
June	9,164.5		7,990.8		1,173.7	
July	9,408.5		8,200.4		1,208.1	
August	9,453.6		8,253.9		1,199.7	
September	9,191.7		8,034.7		1,157.0	
October	9,651.0		8,446.6		1,204.4	
November	9,498.1		8,328.2		1,169.9	

¹ December previous year.

Egg Production During the Month in Dozens by Type – United States: 2019-2020

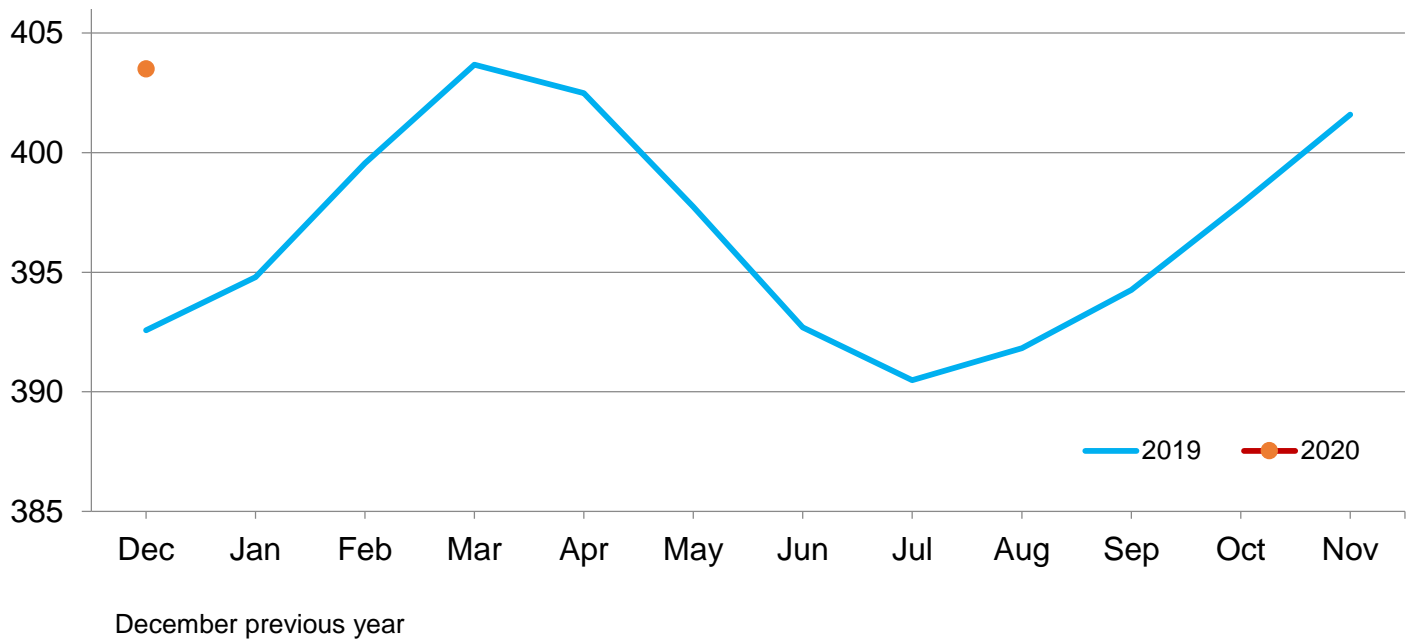
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December ¹	786,299.9	816,650.0	688,258.4	715,908.2	98,041.5	100,741.8
January	788,050.4		689,617.1		98,433.3	
February	716,633.1		626,374.9		90,258.2	
March	802,224.9		702,025.0		100,199.9	
April	777,133.0		679,999.9		97,133.1	
May	796,616.6		695,525.0		101,091.6	
June	763,708.5		665,900.2		97,808.3	
July	784,041.3		683,366.7		100,674.6	
August	787,799.8		687,825.1		99,974.7	
September	765,974.8		669,558.0		96,416.8	
October	804,249.6		703,883.2		100,366.4	
November	791,507.9		694,016.6		97,491.3	

¹ December previous year.

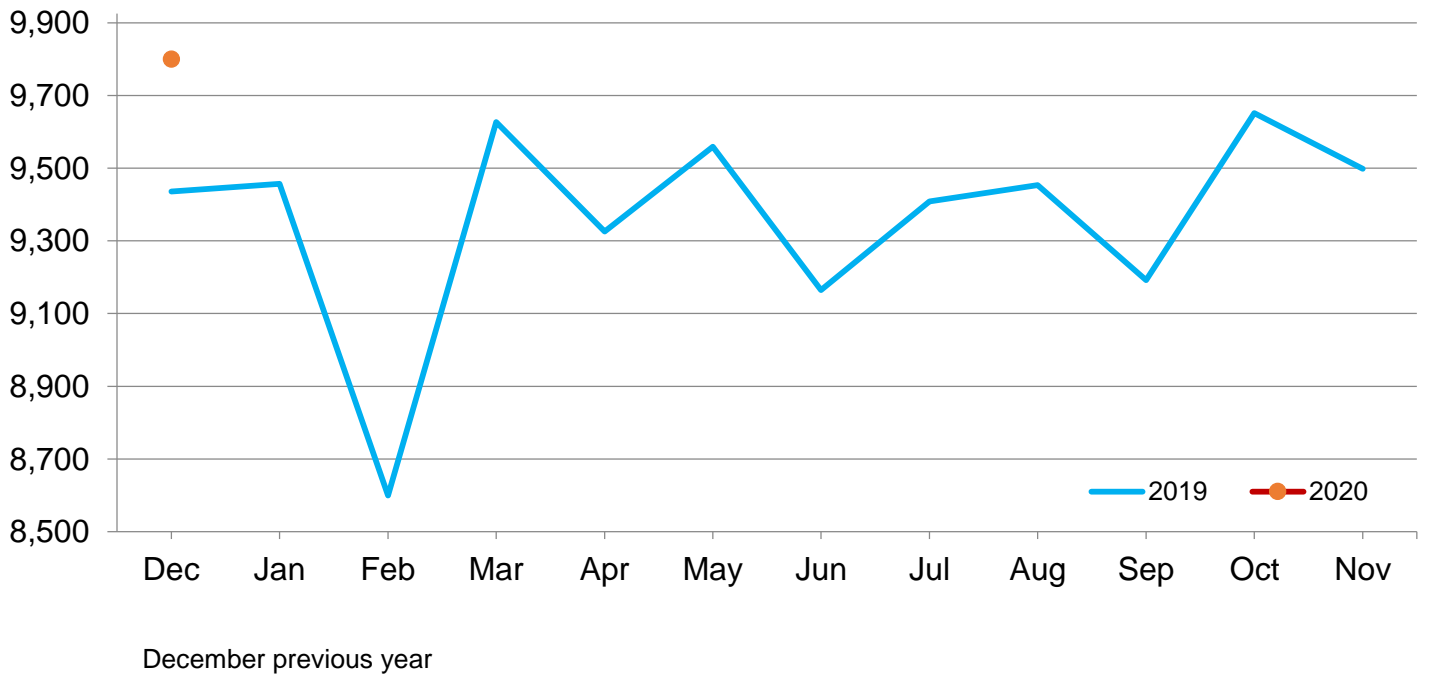
Average Layers During the Month – United States

Million layers



Total Egg Production During the Month – United States

Million eggs



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

Item	2018	2019	2019 as percent of 2018
Layers during November			
Total layers 1,000	394,987	401,592	102
Table egg type 1,000	334,041	339,123	102
Hatching egg type 1,000	60,946	62,469	102
Broiler-type hatching 1,000	57,718	58,950	102
Egg-type hatching 1,000	3,228	3,519	109
Eggs per 100 layers during November			
Total layers number	2,322	2,365	102
Table egg type number	2,402	2,456	102
Hatching egg type number	1,882	1,873	100
Broiler-type hatching number	1,846	1,835	99
Egg-type hatching number	2,519	2,498	99
Eggs produced during November			
Total layers million	9,170.9	9,498.1	104
Table egg type million	8,024.2	8,328.2	104
Hatching egg type million	1,146.7	1,169.9	102
Broiler-type hatching million	1,065.4	1,082.0	102
Egg-type hatching million	81.3	87.9	108
Eggs produced during November			
Total layers 1,000 dozen	764,242.0	791,507.9	104
Table egg type 1,000 dozen	668,683.5	694,016.6	104
Hatching egg type 1,000 dozen	95,558.5	97,491.3	102
Broiler-type hatching 1,000 dozen	88,783.4	90,166.6	102
Egg-type hatching 1,000 dozen	6,775.1	7,324.7	108
Layers on December 1			
Total layers 1,000	396,870	402,869	102
Table egg type 1,000	335,942	340,420	101
Hatching egg type 1,000	60,928	62,449	102
Broiler-type hatching 1,000	57,753	58,977	102
Egg-type hatching 1,000	3,175	3,472	109
Eggs per 100 layers on December 1			
Total layers number	77.7	78.7	101
Table egg type number	80.4	81.7	102
Hatching egg type number	62.7	62.4	100
Broiler-type hatching number	61.5	61.2	100
Egg-type hatching number	85.8	83.1	97
Molted layers on December 1			
Being molted percent	1.1	1.0	91
Molt completed percent	14.6	12.9	88
Layers sold for slaughter during November 1,000	14,169.1	13,512.4	95
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	10,106.9	11,416.0	113
Pullets on December 1 1,000	124,135	122,411	99
Pullets added during November ¹ 1,000	28,335.6	28,864.5	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: December-January 2018-2020

Item	2018	2019	2019 as percent of 2018
Layers during December			
All layers1,000	392,577	403,496	103
Table egg type1,000	331,277	340,582	103
Hatching egg type1,000	61,300	62,914	103
Broiler-type hatching1,000	57,957	59,426	103
Egg-type hatching1,000	3,343	3,488	104
Eggs per 100 layers during December			
All layersnumber	2,404	2,429	101
Table egg typenumber	2,493	2,522	101
Hatching egg typenumber	1,919	1,922	100
Broiler-type hatchingnumber	1,879	1,885	100
Egg-type hatchingnumber	2,611	2,540	97
Eggs produced during December			
All layers million	9,435.6	9,799.8	104
Table egg type million	8,259.1	8,590.9	104
Hatching egg type million	1,176.5	1,208.9	103
Broiler-type hatching million	1,089.2	1,120.3	103
Egg-type hatching million	87.3	88.6	101
Eggs produced during December			
All layers 1,000 dozen	786,299.9	816,650.0	104
Table egg type 1,000 dozen	688,258.4	715,908.2	104
Hatching egg type 1,000 dozen	98,041.5	100,741.8	103
Broiler-type hatching 1,000 dozen	90,766.6	93,358.5	103
Egg-type hatching 1,000 dozen	7,274.9	7,383.3	101
	2019	2020	2020 as percent of 2019
Layers on January 1			
All layers1,000	393,312	404,089	103
Table egg type1,000	331,581	340,729	103
Hatching egg type1,000	61,731	63,360	103
Broiler-type hatching1,000	58,299	59,864	103
Egg-type hatching1,000	3,432	3,496	102
Eggs per 100 layers on January 1			
All layersnumber	77.3	78.0	101
Table egg typenumber	80.4	81.0	101
Hatching egg typenumber	60.9	61.5	101
Broiler-type hatchingnumber	59.6	60.4	101
Egg-type hatchingnumber	82.8	80.8	98
Molted layers on January 1			
Percent being moltedpercent	1.5	1.6	107
Percent with molt completedpercent	13.3	11.9	89
Layers sold for slaughter during December1,000	12,846	12,360	96
Layers rendered, died, destroyed, composted or disappeared for any reason during December1,000	10,820	10,807	100
Pullets on January 11,000	124,716	120,990	97
Pullets added during December ¹1,000	26,515	25,475	96

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

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

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,356	1,421	9,688	9,963	1,853	1,883
Arkansas	4,280	(D)	14,608	14,705	2,045	1,999
California	13,954	12,871	14,701	13,485	2,403	2,400
Colorado	4,609	4,760	5,147	5,273	2,499	2,520
Florida ¹	6,913	(NA)	7,348	(NA)	2,327	(NA)
Georgia	9,390	9,368	20,001	19,708	2,126	2,127
Illinois	5,811	5,676	6,379	6,253	2,331	2,450
Indiana	33,372	34,203	34,569	35,489	2,391	2,420
Iowa	56,630	56,345	58,330	58,118	2,363	2,443
Kentucky ²	(NA)	(D)	(NA)	5,678	(NA)	2,182
Maryland	2,597	2,536	2,800	2,736	2,486	2,420
Michigan	15,718	14,663	16,003	14,957	2,433	2,474
Minnesota	10,384	9,464	10,894	9,949	2,404	2,391
Mississippi	1,433	(D)	5,572	5,626	2,120	2,121
Missouri	7,554	7,349	12,475	12,482	2,438	2,492
Nebraska	8,031	8,536	8,307	9,128	2,444	2,469
New York	5,059	5,250	5,613	5,783	2,407	2,502
North Carolina	5,256	7,368	13,290	15,880	2,046	2,128
Ohio	32,049	35,416	33,246	36,624	2,354	2,506
Oklahoma ²	(NA)	(D)	(NA)	2,889	(NA)	1,925
Oregon	2,099	2,090	2,292	2,283	2,452	2,510
Pennsylvania	26,023	28,170	28,619	30,701	2,451	2,499
South Carolina	3,115	2,610	4,391	3,924	2,241	2,082
South Dakota	2,630	2,700	2,685	2,755	2,562	2,642
Texas	18,003	(D)	22,463	22,266	2,338	2,229
Utah	4,561	4,541	4,613	4,593	2,443	2,615
Virginia	924	924	2,724	2,663	2,203	2,396
Washington	6,783	6,676	6,948	6,839	2,527	2,519
Wisconsin	6,191	6,689	7,272	7,785	2,222	2,475
Other States ³	23,942	26,947	34,009	33,057	2,250	2,343
United States	318,667	323,653	394,987	401,592	2,322	2,365

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

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

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,397	1,444	9,677	10,235	1,899	1,943
Arkansas	4,167	(D)	14,357	14,908	2,064	2,065
California	14,237	13,349	15,008	13,987	2,429	2,404
Colorado	4,424	4,762	4,819	5,275	2,606	2,624
Florida ¹	6,933	(NA)	7,323	(NA)	2,474	(NA)
Georgia	9,787	9,357	20,026	19,736	2,212	2,183
Illinois	5,802	5,627	6,266	6,197	2,531	2,341
Indiana	33,435	34,586	34,244	35,872	2,487	2,538
Iowa	56,029	57,113	57,427	58,895	2,486	2,519
Kentucky ²	(NA)	(D)	(NA)	5,667	(NA)	2,271
Maryland	2,639	2,656	2,810	2,851	2,434	2,504
Michigan	15,846	14,796	16,089	15,090	2,517	2,486
Minnesota	10,610	8,940	11,163	9,444	2,524	2,453
Mississippi	1,412	(D)	5,536	5,593	2,148	2,172
Missouri	7,950	7,515	11,600	12,636	2,538	2,487
Nebraska	8,296	8,527	8,604	9,143	2,545	2,554
New York	5,114	5,252	5,516	5,782	2,531	2,598
North Carolina	5,476	7,290	13,467	15,858	2,113	2,207
Ohio	31,554	35,016	32,561	36,226	2,469	2,519
Oklahoma ²	(NA)	(D)	(NA)	2,857	(NA)	2,030
Oregon	2,133	2,131	2,272	2,324	2,623	2,590
Pennsylvania	26,142	28,530	28,235	31,107	2,528	2,569
South Carolina	3,067	2,619	4,300	3,935	2,340	2,180
South Dakota	2,681	2,629	2,823	2,684	2,419	2,720
Texas	18,090	(D)	22,247	22,407	2,337	2,338
Utah	4,766	4,613	4,804	4,665	2,537	2,684
Virginia	832	913	2,529	2,677	2,282	2,447
Washington	6,740	6,745	6,905	6,909	2,529	2,572
Wisconsin	6,167	6,852	6,880	7,947	2,349	2,514
Other States ³	25,753	26,534	35,089	32,589	2,308	2,428
United States	321,479	325,112	392,577	403,496	2,404	2,429

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

Egg Production by Type – States and United States: November 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	179.5	187.6	35.0	37.2	144.5	150.4
Arkansas	298.7	294.0	119.6	(D)	179.1	(D)
California	353.2	323.7	(D)	(D)	(D)	(D)
Colorado	128.6	132.9	(D)	(D)	(D)	(D)
Florida ¹	171.0	(NA)	166.9	(NA)	4.1	(NA)
Georgia	425.3	419.1	227.0	228.4	198.3	190.7
Illinois	148.7	153.2	144.8	149.8	3.9	3.4
Indiana	826.7	858.8	811.9	843.3	14.8	15.5
Iowa	1,378.5	1,420.1	1,357.9	1,399.3	20.6	20.8
Kentucky ²	(NA)	123.9	(NA)	(D)	(NA)	(D)
Maryland	69.6	66.2	68.2	64.7	1.4	1.5
Michigan	389.3	370.1	(D)	(D)	(D)	(D)
Minnesota	261.9	237.9	255.8	231.7	6.1	6.2
Mississippi	118.1	119.3	38.0	(D)	80.1	(D)
Missouri	304.1	311.1	(D)	274.3	(D)	36.8
Nebraska	203.0	225.4	198.0	213.4	5.0	12.0
New York	135.1	144.7	(D)	(D)	(D)	(D)
North Carolina	271.9	338.0	126.9	186.3	145.0	151.7
Ohio	782.5	917.8	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	55.6	(NA)	(D)	(NA)	(D)
Oregon	56.2	57.3	56.2	57.3	-	-
Pennsylvania	701.4	767.2	670.0	739.4	31.4	27.8
South Carolina	98.4	81.7	76.2	59.2	22.2	22.5
South Dakota	68.8	72.8	68.8	72.8	-	-
Texas	525.2	496.2	(D)	(D)	(D)	(D)
Utah	112.7	120.1	112.7	120.1	-	-
Virginia	60.0	63.8	30.5	34.1	29.5	29.7
Washington	175.6	172.3	(D)	(D)	(D)	(D)
Wisconsin	161.6	192.7	(D)	187.4	(D)	5.3
Other States ³	765.3	774.6	633.4	699.8	131.9	74.8
United States	9,170.9	9,498.1	8,024.2	8,328.2	1,146.7	1,169.9

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: December 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	183.8	198.9	36.3	38.6	147.5	160.3
Arkansas	296.4	307.9	111.7	(D)	184.7	(D)
California	364.6	336.2	(D)	(D)	(D)	(D)
Colorado	125.6	138.4	(D)	(D)	(D)	(D)
Florida ¹	181.2	(NA)	176.9	(NA)	4.3	(NA)
Georgia	443.0	430.9	247.6	234.9	195.4	196.0
Illinois	158.6	145.1	154.8	141.6	3.8	3.5
Indiana	851.7	910.5	836.4	894.1	15.3	16.4
Iowa	1,427.6	1,483.6	1,405.9	1,461.7	21.7	21.9
Kentucky ²	(NA)	128.7	(NA)	(D)	(NA)	(D)
Maryland	68.4	71.4	67.0	69.9	1.4	1.5
Michigan	405.0	375.1	(D)	(D)	(D)	(D)
Minnesota	281.8	231.7	273.7	225.4	8.1	6.3
Mississippi	118.9	121.5	37.6	(D)	81.3	(D)
Missouri	294.4	314.3	(D)	277.0	(D)	37.3
Nebraska	219.0	233.5	213.3	220.3	5.7	13.2
New York	139.6	150.2	(D)	(D)	(D)	(D)
North Carolina	284.6	350.0	134.0	193.2	150.6	156.8
Ohio	803.8	912.5	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	58.0	(NA)	(D)	(NA)	(D)
Oregon	59.6	60.2	59.6	60.2	-	-
Pennsylvania	713.7	799.1	681.6	769.8	32.1	29.3
South Carolina	100.6	85.8	77.6	62.2	23.0	23.6
South Dakota	68.3	73.0	68.3	73.0	-	-
Texas	519.9	523.8	(D)	(D)	(D)	(D)
Utah	121.9	125.2	121.9	125.2	-	-
Virginia	57.7	65.5	26.4	34.4	31.3	31.1
Washington	174.6	177.7	(D)	(D)	(D)	(D)
Wisconsin	161.6	199.8	(D)	194.1	(D)	5.7
Other States ³	809.7	791.3	673.9	716.4	135.8	74.9
United States	9,435.6	9,799.8	8,259.1	8,590.9	1,176.5	1,208.9

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

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

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	14,958.4	15,633.3	2,916.7	3,100.0	12,041.7	12,533.3
Arkansas	24,891.6	24,500.0	9,966.6	(D)	14,925.0	(D)
California	29,433.4	26,974.9	(D)	(D)	(D)	(D)
Colorado	10,716.7	11,075.1	(D)	(D)	(D)	(D)
Florida ¹	14,250.0	(NA)	13,908.3	(NA)	341.7	(NA)
Georgia	35,441.7	34,924.9	18,916.7	19,033.3	16,525.0	15,891.6
Illinois	12,391.7	12,766.7	12,066.7	12,483.4	325.0	283.3
Indiana	68,891.7	71,566.7	67,658.4	70,275.0	1,233.3	1,291.7
Iowa	114,875.1	118,341.7	113,158.4	116,608.3	1,716.7	1,733.4
Kentucky ²	(NA)	10,325.0	(NA)	(D)	(NA)	(D)
Maryland	5,800.0	5,516.7	5,683.3	5,391.7	116.7	125.0
Michigan	32,441.7	30,841.7	(D)	(D)	(D)	(D)
Minnesota	21,825.1	19,825.0	21,316.7	19,308.3	508.4	516.7
Mississippi	9,841.6	9,941.6	3,166.6	(D)	6,675.0	(D)
Missouri	25,341.7	25,925.0	(D)	22,858.3	(D)	3,066.7
Nebraska	16,916.7	18,783.3	16,500.0	17,783.3	416.7	1,000.0
New York	11,258.3	12,058.3	(D)	(D)	(D)	(D)
North Carolina	22,658.3	28,166.7	10,575.0	15,525.0	12,083.3	12,641.7
Ohio	65,208.3	76,483.3	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	4,633.4	(NA)	(D)	(NA)	(D)
Oregon	4,683.4	4,775.0	4,683.4	4,775.0	-	-
Pennsylvania	58,450.0	63,933.2	55,833.3	61,616.6	2,616.7	2,316.6
South Carolina	8,200.0	6,808.3	6,350.0	4,933.3	1,850.0	1,875.0
South Dakota	5,733.4	6,066.7	5,733.4	6,066.7	-	-
Texas	43,766.7	41,349.9	(D)	(D)	(D)	(D)
Utah	9,391.6	10,008.4	9,391.6	10,008.4	-	-
Virginia	4,999.9	5,316.6	2,541.6	2,841.6	2,458.3	2,475.0
Washington	14,633.4	14,358.4	(D)	(D)	(D)	(D)
Wisconsin	13,466.6	16,058.2	(D)	15,616.6	(D)	441.6
Other States ³	63,775.0	64,549.9	52,783.3	58,316.7	10,991.7	6,233.2
United States	764,242.0	791,507.9	668,683.5	694,016.6	95,558.5	97,491.3

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

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

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	15,316.7	16,574.9	3,025.0	3,216.6	12,291.7	13,358.3
Arkansas	24,700.1	25,658.4	9,308.4	(D)	15,391.7	(D)
California	30,383.3	28,016.6	(D)	(D)	(D)	(D)
Colorado	10,466.6	11,533.3	(D)	(D)	(D)	(D)
Florida ¹	15,100.0	(NA)	14,741.7	(NA)	358.3	(NA)
Georgia	36,916.6	35,908.4	20,633.3	19,575.0	16,283.3	16,333.4
Illinois	13,216.7	12,091.7	12,900.0	11,800.0	316.7	291.7
Indiana	70,975.0	75,875.1	69,700.0	74,508.4	1,275.0	1,366.7
Iowa	118,966.7	123,633.3	117,158.4	121,808.3	1,808.3	1,825.0
Kentucky ²	(NA)	10,724.9	(NA)	(D)	(NA)	(D)
Maryland	5,700.1	5,950.0	5,583.4	5,825.0	116.7	125.0
Michigan	33,750.0	31,258.3	(D)	(D)	(D)	(D)
Minnesota	23,483.3	19,308.3	22,808.3	18,783.3	675.0	525.0
Mississippi	9,908.4	10,124.9	3,133.4	(D)	6,775.0	(D)
Missouri	24,533.4	26,191.7	(D)	23,083.3	(D)	3,108.4
Nebraska	18,250.0	19,458.3	17,775.0	18,358.3	475.0	1,100.0
New York	11,633.4	12,516.6	(D)	(D)	(D)	(D)
North Carolina	23,716.6	29,166.7	11,166.6	16,100.0	12,550.0	13,066.7
Ohio	66,983.2	76,041.7	(D)	(D)	(D)	(D)
Oklahoma ²	(NA)	4,833.3	(NA)	(D)	(NA)	(D)
Oregon	4,966.7	5,016.7	4,966.7	5,016.7	-	-
Pennsylvania	59,475.0	66,591.6	56,800.0	64,150.0	2,675.0	2,441.6
South Carolina	8,383.4	7,150.1	6,466.7	5,183.4	1,916.7	1,966.7
South Dakota	5,691.6	6,083.3	5,691.6	6,083.3	-	-
Texas	43,324.9	43,650.0	(D)	(D)	(D)	(D)
Utah	10,158.3	10,433.4	10,158.3	10,433.4	-	-
Virginia	4,808.3	5,458.4	2,200.0	2,866.7	2,608.3	2,591.7
Washington	14,550.0	14,808.3	(D)	(D)	(D)	(D)
Wisconsin	13,466.7	16,650.0	(D)	16,175.0	(D)	475.0
Other States ³	67,474.9	65,941.8	56,158.3	59,700.1	11,316.6	6,241.7
United States	786,299.9	816,650.0	688,258.4	715,908.2	98,041.5	100,741.8

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Not published separately to avoid disclosing individual operations.

Molted as Percent of Total Layers on the First of the Month – United States: 2019-2020

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

Month	Being molted		Molt completed	
	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)
January	1.5	1.6	13.3	11.9
February	2.6		13.0	
March	1.5		13.8	
April	1.3		13.8	
May	2.5		13.2	
June	2.1		13.4	
July	2.0		13.5	
August	2.0		13.4	
September	2.0		13.2	
October	1.9		13.3	
November	1.5		13.3	
December	1.0		12.9	

Molted as Percent of Total Layers – States and United States: December 1 and January 1, 2018-2020

State	Being molted				Molt completed			
	December 1		January 1		December 1		January 1	
	2018	2019	2019	2020	2018	2019	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	-	1.0	0.5	-	5.5	8.0	5.5	7.5
Arkansas	-	1.0	2.5	1.0	9.0	10.5	7.0	9.0
California	0.5	0.5	3.5	-	10.5	10.0	9.5	8.5
Colorado	-	-	-	-	6.0	7.5	6.5	6.0
Florida ¹	2.0	(NA)	-	(NA)	34.5	(NA)	32.0	(NA)
Georgia	-	0.5	0.5	2.5	11.5	14.5	9.0	12.0
Illinois	-	-	-	-	12.0	5.0	11.0	-
Indiana	0.5	-	1.0	1.5	17.5	16.5	16.0	16.0
Iowa	2.0	1.5	3.0	1.5	20.0	17.0	17.5	15.5
Kentucky ²	(NA)	2.0	(NA)	1.5	(NA)	3.5	(NA)	3.0
Maryland	-	-	-	-	-	-	-	-
Michigan	-	2.5	-	1.5	3.0	3.5	3.0	3.5
Minnesota	1.0	0.5	3.5	2.5	8.5	1.5	6.5	2.0
Mississippi	0.5	-	1.5	2.0	17.5	21.5	16.5	20.5
Missouri	-	-	-	-	11.0	5.0	10.0	4.0
Nebraska	5.5	-	-	1.0	10.5	7.0	13.0	6.0
New York	-	-	1.5	1.5	2.0	8.0	2.5	8.0
North Carolina	-	-	0.5	0.5	7.5	3.5	6.0	3.5
Ohio	4.5	1.0	1.0	2.5	22.0	14.0	21.0	12.0
Oklahoma ²	(NA)	-	(NA)	-	(NA)	-	(NA)	-
Oregon	-	-	1.5	-	5.0	1.5	3.5	1.5
Pennsylvania	-	3.0	-	2.5	2.5	2.0	1.5	2.0
South Carolina	-	-	-	2.5	20.5	22.5	19.0	22.0
South Dakota	-	-	-	-	3.5	3.0	3.5	-
Texas	0.5	1.0	4.0	3.5	33.5	39.0	31.5	38.0
Utah	-	-	2.0	2.5	24.5	23.5	23.0	19.0
Virginia	-	-	-	-	8.0	-	8.0	-
Washington	5.5	1.5	4.5	3.0	13.0	13.0	12.5	11.5
Wisconsin	-	-	-	4.0	17.0	1.5	16.5	1.0
Other States ³	1.0	1.4	1.8	1.4	14.0	20.8	12.9	21.1
United States	1.1	1.0	1.5	1.6	14.6	12.9	13.3	11.9

- Represents zero.

(NA) Not available.

¹ Included in Other States in 2019.

² Included in Other States in 2018.

³ Includes data for States not published in this table.

Hatchery Production – United States: 2019 and 2020

[December preceding year]

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on January 1	51,432	48,273	94
Chicks hatched during December	46,370	46,868	101
Chicks hatched January through December	633,952	631,999	100
Pullets hatched during December for intended placements:			
Hatchery supply flocks	268	266	99
Cumulative potential placements 7-18 months earlier ¹	2,568	2,699	105
Broiler-type			
Eggs in incubators on January 1	683,669	714,997	105
Chicks hatched during December	826,760	857,608	104
Chicks hatched January through December	9,707,741	9,903,342	102
Pullets hatched during December for intended placements:			
Hatchery supply flocks	8,595	8,658	101
Cumulative potential placements 7-15 months earlier ²	70,137	71,730	102

¹ 2020 includes pullet chicks hatched June 2018 through May 2019.

² 2020 includes pullet chicks hatched September 2018 through May 2019.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2019 and 2020

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

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
January	51,432	48,273	94
February	55,001		
March	53,586		
April	58,422		
May	55,489		
June	51,648		
July	47,615		
August	47,490		
September	47,878		
October	48,512		
November	48,069		
December	47,798		

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

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	60,816	102	278,937	285,543	102
June	53,019	51,858	98	331,956	337,401	102
July	50,806	50,919	100	382,762	388,320	101
August	53,207	46,246	87	435,969	434,566	100
September	49,610	50,386	102	485,579	484,952	100
October	54,960	52,066	95	540,539	537,018	99
November	47,043	48,113	102	587,582	585,131	100
December	46,370	46,868	101	633,952	631,999	100

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2018-2020

[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		2019	2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	251	268	107	2,791	2,791
February	148	201	136	2,887	2,887
March	195	189	97	2,818	2,818
April	205	295	144	2,954	2,954
May	185	215	116	2,882	2,882
June	178	270	152	2,838	2,838
July	159	255	160	2,836	2,836
August	263	194	74	2,476	
September	150	286	191	2,524	
October	271	199	73	2,579	
November	242	198	82	2,669	
December	268	266	99	2,699	
Total	2,515	2,836	113		

¹ For December 2019, includes breeder pullet chicks hatched June 2018 through May 2019. 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: 2019 and 2020

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

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
January	683,669	714,997	105
February	687,593		
March	693,433		
April	695,057		
May	701,875		
June	704,340		
July	693,367		
August	699,363		
September	693,656		
October	673,142		
November	674,321		
December	710,479		

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

State	During December			January-December		
	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	111,453	122,689	110	1,297,034	1,343,702	104
Arkansas	89,997	86,225	96	1,041,609	1,040,741	100
Delaware	17,820	20,577	115	217,845	225,270	103
Florida	4,459	4,324	97	49,705	50,828	102
Georgia	124,801	123,937	99	1,482,559	1,481,996	100
Kentucky	27,513	27,030	98	322,862	323,991	100
Louisiana	13,451	12,993	97	154,091	157,277	102
Maryland	29,385	29,431	100	349,579	343,890	98
Mississippi	69,038	67,823	98	800,980	802,159	100
Missouri	30,150	32,879	109	357,655	368,048	103
North Carolina	81,151	88,195	109	949,691	1,018,384	107
Oklahoma	27,505	27,391	100	322,355	321,046	100
Pennsylvania	19,646	21,967	112	236,858	235,522	99
South Carolina	20,441	20,283	99	242,287	243,160	100
Texas	58,500	64,070	110	689,929	737,731	107
Virginia	23,175	22,440	97	273,095	273,784	100
California, Tennessee, and West Virginia	43,709	45,363	104	519,973	512,713	99
Other States ²	34,566	39,991	116	399,634	423,100	106
United States	826,760	857,608	104	9,707,741	9,903,342	102

¹ States in the weekly hatchery production estimating program.

² Not published separately to avoid disclosing data for individual operations.

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

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	855,746	102	4,028,703	4,088,218	101
June	822,100	832,018	101	4,850,803	4,920,236	101
July	844,737	848,560	100	5,695,540	5,768,796	101
August	840,163	853,455	102	6,535,703	6,622,251	101
September	787,754	813,807	103	7,323,457	7,436,058	102
October	790,516	814,644	103	8,113,973	8,250,702	102
November	767,008	795,032	104	8,880,981	9,045,734	102
December	826,760	857,608	104	9,707,741	9,903,342	102

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2018-2020

[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)		2019 (1,000 chicks)	2020 (1,000 chicks)
United States placements					
January	7,133	7,478	105	70,216	72,170
February	7,579	7,882	104	70,100	73,411
March	8,088	8,222	102	70,500	73,604
April	7,688	7,339	95	71,182	73,624
May	8,282	8,767	106	71,318	73,677
June	8,319	8,717	105	71,640	73,936
July	7,473	8,510	114	72,147	74,372
August	8,343	8,094	97	72,314	
September	8,277	8,615	104	71,895	
October	7,269	7,531	104	71,440	
November	7,901	8,141	103	71,306	
December	8,595	8,658	101	71,730	
Annual total	94,947	97,954	103		
Total placements ²					
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	10,606	105		
July	8,843	10,444	118		
August	10,102	9,763	97		
September	9,886	10,468	106		
October	8,971	9,063	101		
November	9,720	9,653	99		
December	10,470	10,420	100		
Annual total	115,701	119,003	103		

¹ For December 2019, includes breeder pullet chicks hatched September 2018 through May 2019.

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 total layers over the past 24 months is 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 403 million layers by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 percent.

Reliability of Layer and Egg Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
Total layers	(percent) 1.1	(percent) 1.9	(1,000) 3,212	(1,000) -	(1,000) 6,443	(number) 20	(number) 3
Eggs	1.1	1.9	(million) 77	(million) -	(million) 178	20	3

- Represents zero.

Terms and Definitions of Chickens and Eggs Estimates

Total Layers includes both table egg and hatching egg flocks regardless of size.

Intended Placements are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

Molted Layers is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Travis Averill, Chief, Livestock Branch	(202) 692-0069
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, Mink, Census of Aquaculture	(202) 720-8784
Fatema Haque – Turkey Hatchery, Turkeys Raised	(202) 690-3244
Kim Linonis – Layers, Eggs, Egg Products	(202) 690-3676
Adam Peters – Honey, Honey Bee Colonies	(202) 690-3237
Takiyah Walker – Broiler Hatchery, Chicken Hatchery	(202) 720-6147

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- 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.

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