



Chickens and Eggs

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July Egg Production Down 2 Percent

United States egg production totaled 9.27 billion during July 2020, down 2 percent from last year. Production included 8.01 billion table eggs, and 1.25 billion hatching eggs, of which 1.17 billion were broiler-type and 83.2 million were egg-type. The average number of layers during July 2020 totaled 379 million, down 3 percent from last year. July egg production per 100 layers was 2,445 eggs, up 1 percent from July 2019.

Total layers in the United States on August 1, 2020 totaled 378 million, down 4 percent from last year. The 378 million layers consisted of 314 million layers producing table or market type eggs, 60.6 million layers producing broiler-type hatching eggs, and 3.30 million layers producing egg-type hatching eggs. Rate of lay per day on August 1, 2020, averaged 79.7 eggs per 100 layers, up 2 percent from August 1, 2019.

Egg-Type Chicks Hatched Down 9 Percent

Egg-type chicks hatched during July 2020 totaled 46.1 million, down 9 percent from July 2019. Eggs in incubators totaled 46.3 million on August 1, 2020, down 3 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 294,000 during July 2020, up 15 percent from July 2019.

Broiler-Type Chicks Hatched Up Slightly

Broiler-type chicks hatched during July 2020 totaled 851 million, up slightly from July 2019. Eggs in incubators totaled 688 million on August 1, 2020, down 2 percent from a year ago.

Leading breeders placed 8.24 million broiler-type pullet chicks for future domestic hatchery supply flocks during July 2020, down 3 percent from July 2019.

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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		402,924		404,190
January		402,763		402,081
February		403,552		396,817
March		405,672		395,443
April		404,691		392,308
May		400,109		386,179
June		394,862		382,097
July		392,313		379,013
August		393,317		
September		395,509		
October		398,404		
November		401,764		

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)					
December ¹	9,692.5	9,809.0	8,515.1	8,601.0	1,177.4	1,208.0
January	9,658.0	9,708.0	8,475.6	8,486.6	1,182.4	1,221.4
February	8,688.7	8,945.0	7,603.8	7,790.9	1,084.9	1,154.1
March	9,674.8	9,534.2	8,469.9	8,294.3	1,204.9	1,239.9
April	9,378.2	9,085.3	8,209.7	7,881.8	1,168.5	1,203.5
May	9,618.0	9,099.3	8,401.2	7,860.2	1,216.8	1,239.1
June	9,215.3	8,805.2	8,037.9	7,597.8	1,177.4	1,207.4
July	9,453.5	9,265.5	8,240.8	8,013.8	1,212.7	1,251.7
August	9,490.9		8,286.6		1,204.3	
September	9,222.8		8,061.5		1,161.3	
October	9,663.9		8,458.0		1,205.9	
November	9,496.8		8,329.3		1,167.5	

¹ December previous year.

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

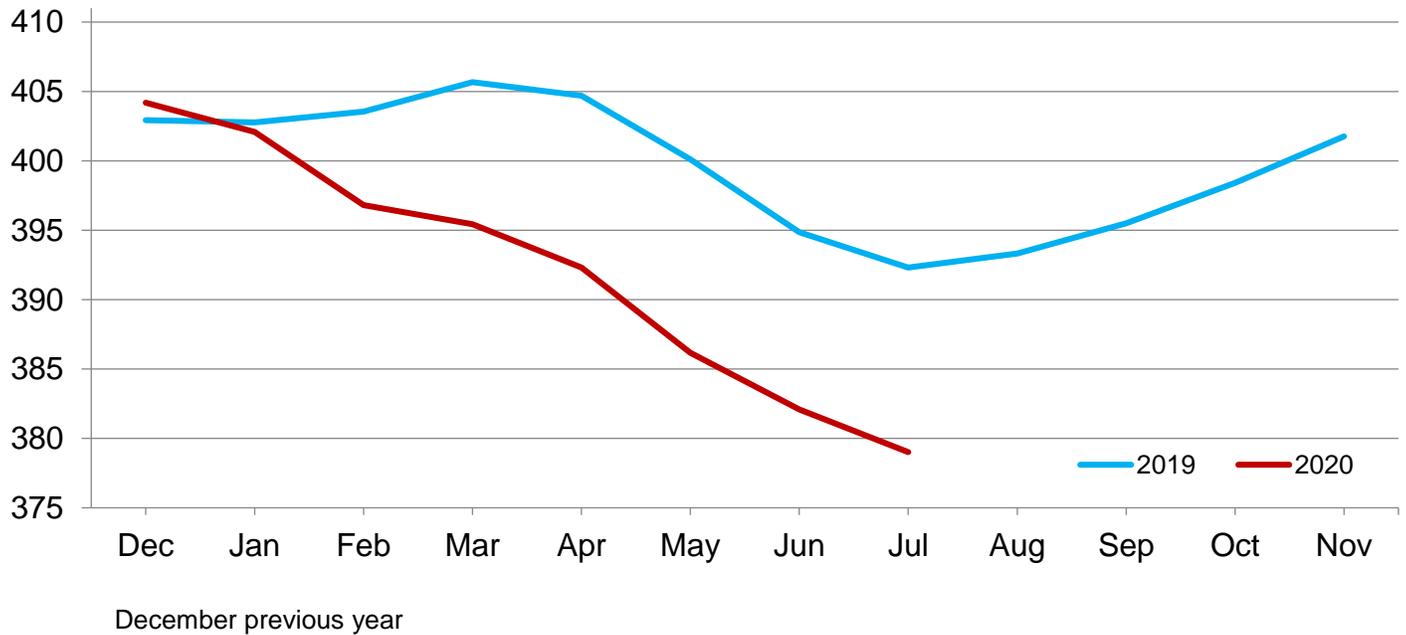
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)					
December ¹	807,707.9	817,416.3	709,591.3	716,749.8	98,116.6	100,666.5
January	804,833.1	808,999.8	706,299.8	707,216.7	98,533.3	101,783.1
February	724,058.2	745,416.1	633,650.0	649,241.5	90,408.2	96,174.6
March	806,233.1	794,516.7	705,824.9	691,191.6	100,408.2	103,325.1
April	781,516.3	757,107.8	684,141.5	656,816.3	97,374.8	100,291.5
May	801,499.8	758,274.7	700,099.8	655,016.5	101,400.0	103,258.2
June	767,941.8	733,766.4	669,825.2	633,149.8	98,116.6	100,616.6
July	787,791.3	772,125.3	686,733.3	667,816.7	101,058.0	104,308.6
August	790,908.3		690,550.2		100,358.1	
September	768,566.2		671,791.1		96,775.1	
October	805,325.0		704,833.4		100,491.6	
November	791,399.9		694,108.5		97,291.4	

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: June-July 2019 and 2020

Item	2019	2020	2020 as percent of 2019
Layers during June			
Total layers 1,000	394,862	382,097	97
Table egg type 1,000	331,571	317,846	96
Hatching egg type 1,000	63,291	64,251	102
Broiler-type hatching 1,000	59,757	61,031	102
Egg-type hatching 1,000	3,534	3,220	91
Eggs per 100 layers during June			
Total layers number	2,334	2,304	99
Table egg type number	2,424	2,390	99
Hatching egg type number	1,860	1,879	101
Broiler-type hatching number	1,827	1,847	101
Egg-type hatching number	2,428	2,491	103
Eggs produced during June			
Total layers million	9,215.3	8,805.2	96
Table egg type million	8,037.9	7,597.8	95
Hatching egg type million	1,177.4	1,207.4	103
Broiler-type hatching million	1,091.6	1,127.2	103
Egg-type hatching million	85.8	80.2	93
Eggs produced during June			
Total layers 1,000 dozen	767,941.8	733,766.4	96
Table egg type 1,000 dozen	669,825.2	633,149.8	95
Hatching egg type 1,000 dozen	98,116.6	100,616.6	103
Broiler-type hatching 1,000 dozen	90,966.6	93,933.3	103
Egg-type hatching 1,000 dozen	7,150.0	6,683.3	93
Layers on July 1			
Total layers 1,000	392,406	380,123	97
Table egg type 1,000	329,490	315,692	96
Hatching egg type 1,000	62,916	64,431	102
Broiler-type hatching 1,000	59,418	61,156	103
Egg-type hatching 1,000	3,498	3,275	94
Eggs per 100 layers on July 1			
Total layers number	77.7	78.0	100
Table egg type number	80.6	81.0	100
Hatching egg type number	62.1	63.0	101
Broiler-type hatching number	61.0	62.1	102
Egg-type hatching number	80.5	79.9	99
Molted layers on July 1			
Being molted percent	2.0	2.3	115
Molt completed percent	13.3	13.8	104
Layers sold for slaughter during June 1,000	15,402.8	14,571.7	95
Layers rendered, died, destroyed, composted or disappeared for any reason during June 1,000	12,643.2	14,381.3	114
Pullets on July 1 1,000	130,085	123,728	95
Pullets added during June ¹ 1,000	25,432.1	27,495.5	108

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

Layers on Hand and Eggs Produced by Type and Molt – United States: July-August 2019 and 2020

Item	2019	2020	2020 as percent of 2019
Layers during July			
Total layers 1,000	392,313	379,013	97
Table egg type 1,000	329,588	314,826	96
Hatching egg type 1,000	62,725	64,187	102
Broiler-type hatching 1,000	59,312	60,895	103
Egg-type hatching 1,000	3,413	3,292	96
Eggs per 100 layers during July			
Total layers number	2,410	2,445	101
Table egg type number	2,500	2,545	102
Hatching egg type number	1,933	1,950	101
Broiler-type hatching number	1,901	1,919	101
Egg-type hatching number	2,488	2,527	102
Eggs produced during July			
Total layers million	9,453.5	9,265.5	98
Table egg type million	8,240.8	8,013.8	97
Hatching egg type million	1,212.7	1,251.7	103
Broiler-type hatching million	1,127.8	1,168.5	104
Egg-type hatching million	84.9	83.2	98
Eggs produced during July			
Total layers 1,000 dozen	787,791.3	772,125.3	98
Table egg type 1,000 dozen	686,733.3	667,816.7	97
Hatching egg type 1,000 dozen	101,058.0	104,308.6	103
Broiler-type hatching 1,000 dozen	93,983.0	97,375.2	104
Egg-type hatching 1,000 dozen	7,075.0	6,933.4	98
Layers on August 1			
Total layers 1,000	392,182	377,864	96
Table egg type 1,000	329,666	313,945	95
Hatching egg type 1,000	62,516	63,919	102
Broiler-type hatching 1,000	59,194	60,621	102
Egg-type hatching 1,000	3,322	3,298	99
Eggs per 100 layers on August 1			
Total layers number	77.8	79.7	102
Table egg type number	80.7	83.2	103
Hatching egg type number	62.6	62.8	100
Broiler-type hatching number	61.6	61.7	100
Egg-type hatching number	79.8	83.2	104
Molted layers on August 1			
Being molted percent	2.0	1.5	75
Molt completed percent	13.3	14.8	111
Layers sold for slaughter during July 1,000	14,484.9	13,891.3	96
Layers rendered, died, destroyed, composted or disappeared for any reason during July 1,000	11,976.2	12,075.3	101
Pullets on August 1 1,000	128,624	121,224	94
Pullets added during July ¹ 1,000	26,588.1	23,319.1	88

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

Layers on Hand and Eggs Produced – States and United States: During June 2019 and 2020

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2019	2020	2019	2020	2019	2020
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,443	1,405	10,180	10,750	1,871	1,916
Arkansas	(D)	(D)	14,842	15,400	1,971	1,951
California	12,507	12,772	13,175	13,482	2,364	2,307
Colorado	4,220	4,503	4,733	5,011	2,487	2,596
Georgia	9,465	9,443	19,831	19,807	2,040	1,963
Illinois	5,862	5,235	6,433	5,772	2,506	2,406
Indiana	32,556	31,931	33,829	33,149	2,357	2,446
Iowa	55,862	46,479	57,528	48,400	2,427	2,398
Kentucky	(D)	(D)	5,716	5,923	2,089	2,168
Maryland	2,499	2,444	2,694	2,643	2,498	2,456
Michigan	14,916	14,134	15,210	14,429	2,477	2,406
Minnesota	10,386	7,799	10,957	8,312	2,519	2,275
Mississippi	(D)	(D)	5,675	5,459	2,048	2,037
Missouri	7,130	8,081	12,222	13,302	2,412	2,420
Nebraska	8,510	7,927	9,014	8,473	2,463	2,003
New York	5,079	5,086	5,628	5,651	2,438	2,529
North Carolina	6,436	7,011	15,080	15,729	2,106	2,091
Ohio	34,450	32,328	35,628	33,553	2,403	2,320
Oklahoma	(D)	(D)	3,028	2,544	1,915	1,926
Oregon	1,924	2,134	2,117	2,305	2,607	2,408
Pennsylvania	27,332	27,344	29,972	29,963	2,456	2,517
South Carolina	2,520	2,410	3,812	3,691	2,162	2,162
South Dakota	2,619	2,642	2,674	2,697	2,726	2,458
Texas	(D)	(D)	21,699	22,368	2,240	2,238
Utah	4,632	4,567	4,684	4,619	2,538	2,594
Virginia	886	857	2,748	2,649	2,271	2,337
Washington	6,572	6,689	6,737	6,853	2,546	2,503
Wisconsin	6,215	6,656	7,314	7,771	2,551	2,417
Other States ¹	25,580	25,407	31,702	31,392	2,304	2,324
United States	316,101	302,161	394,862	382,097	2,334	2,304

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

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During July 2019 and 2020

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2019	2020	2019	2020	2019	2020
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,437	1,359	10,130	10,695	1,946	2,005
Arkansas	(D)	(D)	14,657	15,563	2,077	2,059
California	11,966	12,650	12,605	13,343	2,513	2,424
Colorado	4,132	4,102	4,645	4,610	2,536	2,722
Georgia	9,154	9,665	19,401	20,031	2,158	2,191
Illinois	5,725	5,182	6,313	5,729	2,606	2,541
Indiana	32,222	32,111	33,437	33,395	2,427	2,584
Iowa	55,414	44,808	57,053	46,708	2,493	2,618
Kentucky	(D)	(D)	5,680	5,918	2,157	2,268
Maryland	2,433	2,436	2,631	2,636	2,573	2,530
Michigan	14,343	14,483	14,637	14,778	2,529	2,470
Minnesota	10,278	7,749	10,842	8,238	2,578	2,452
Mississippi	(D)	(D)	5,582	5,447	2,100	2,142
Missouri	7,078	7,796	12,223	13,009	2,463	2,569
Nebraska	8,536	8,006	9,102	8,531	2,562	2,327
New York	5,049	5,078	5,592	5,639	2,561	2,612
North Carolina	6,405	7,045	14,946	15,637	2,191	2,194
Ohio	34,673	32,242	35,868	33,465	2,455	2,557
Oklahoma	(D)	(D)	3,063	2,511	1,965	1,995
Oregon	1,930	2,049	2,123	2,220	2,614	2,518
Pennsylvania	27,244	26,843	29,915	29,457	2,565	2,606
South Carolina	2,646	2,326	3,943	3,573	2,168	2,267
South Dakota	2,564	2,596	2,619	2,651	2,814	2,659
Texas	(D)	(D)	21,921	22,335	2,309	2,313
Utah	4,585	4,480	4,637	4,532	2,620	2,661
Virginia	945	777	2,752	2,539	2,369	2,312
Washington	6,655	6,596	6,820	6,761	2,575	2,625
Wisconsin	6,079	6,770	7,204	7,873	2,611	2,519
Other States ¹	25,843	25,253	31,972	31,189	2,375	2,408
United States	314,118	299,141	392,313	379,013	2,410	2,445

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

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: June 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	190.5	206.0	36.6	35.2	153.9	170.8
Arkansas	292.6	300.5	(D)	(D)	(D)	(D)
California	311.4	311.0	(D)	(D)	(D)	(D)
Colorado	117.7	130.1	(D)	(D)	(D)	(D)
Georgia	404.6	388.9	215.8	197.5	188.8	191.4
Illinois	161.2	138.9	158.2	135.5	3.0	3.4
Indiana	797.5	810.7	782.5	796.2	15.0	14.5
Iowa	1,396.2	1,160.6	1,377.3	1,136.8	18.9	23.8
Kentucky	119.4	128.4	(D)	(D)	(D)	(D)
Maryland	67.3	64.9	65.9	63.3	1.4	1.6
Michigan	376.8	347.1	(D)	(D)	(D)	(D)
Minnesota	276.0	189.1	268.5	182.1	7.5	7.0
Mississippi	116.2	111.2	(D)	(D)	(D)	(D)
Missouri	294.8	321.9	259.0	284.3	35.8	37.6
Nebraska	222.0	169.7	213.9	159.2	8.1	10.5
New York	137.2	142.9	(D)	(D)	(D)	(D)
North Carolina	317.6	328.9	162.9	169.6	154.7	159.3
Ohio	856.0	778.4	(D)	(D)	(D)	(D)
Oklahoma	58.0	49.0	(D)	(D)	(D)	(D)
Oregon	55.2	55.5	55.2	55.5	-	-
Pennsylvania	736.0	754.2	704.7	724.7	31.3	29.5
South Carolina	82.4	79.8	60.0	57.2	22.4	22.6
South Dakota	72.9	66.3	72.9	66.3	-	-
Texas	486.0	500.5	(D)	(D)	(D)	(D)
Utah	118.9	119.8	118.9	119.8	-	-
Virginia	62.4	61.9	32.3	31.1	30.1	30.8
Washington	171.5	171.5	(D)	(D)	(D)	(D)
Wisconsin	186.6	187.8	180.9	181.8	5.7	6.0
Other States ¹	730.4	729.7	655.2	657.0	75.2	72.7
United States	9,215.3	8,805.2	8,037.9	7,597.8	1,177.4	1,207.4

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: July 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	197.1	214.4	37.8	37.5	159.3	176.9
Arkansas	304.4	320.4	(D)	(D)	(D)	(D)
California	316.8	323.5	(D)	(D)	(D)	(D)
Colorado	117.8	125.5	(D)	(D)	(D)	(D)
Georgia	418.7	438.9	225.0	242.2	193.7	196.7
Illinois	164.5	145.6	160.5	141.9	4.0	3.7
Indiana	811.5	862.8	796.3	846.6	15.2	16.2
Iowa	1,422.3	1,222.8	1,405.0	1,199.8	17.3	23.0
Kentucky	122.5	134.2	(D)	(D)	(D)	(D)
Maryland	67.7	66.7	66.2	65.1	1.5	1.6
Michigan	370.1	365.0	(D)	(D)	(D)	(D)
Minnesota	279.5	202.0	271.4	194.8	8.1	7.2
Mississippi	117.2	116.7	(D)	(D)	(D)	(D)
Missouri	301.0	334.2	262.5	294.5	38.5	39.7
Nebraska	233.2	198.5	222.8	188.4	10.4	10.1
New York	143.2	147.3	(D)	(D)	(D)	(D)
North Carolina	327.4	343.1	168.8	181.2	158.6	161.9
Ohio	880.5	855.8	(D)	(D)	(D)	(D)
Oklahoma	60.2	50.1	(D)	(D)	(D)	(D)
Oregon	55.5	55.9	55.5	55.9	-	-
Pennsylvania	767.3	767.7	735.7	737.4	31.6	30.3
South Carolina	85.5	81.0	62.2	58.3	23.3	22.7
South Dakota	73.7	70.5	73.7	70.5	-	-
Texas	506.1	516.7	(D)	(D)	(D)	(D)
Utah	121.5	120.6	121.5	120.6	-	-
Virginia	65.2	58.7	34.6	27.9	30.6	30.8
Washington	175.6	177.5	(D)	(D)	(D)	(D)
Wisconsin	188.1	198.3	182.0	192.0	6.1	6.3
Other States ¹	759.4	751.1	681.6	677.9	77.8	73.2
United States	9,453.5	9,265.5	8,240.8	8,013.8	1,212.7	1,251.7

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: June 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)					
Alabama	15,875.0	17,166.6	3,050.0	2,933.3	12,825.0	14,233.3
Arkansas	24,383.3	25,041.6	(D)	(D)	(D)	(D)
California	25,950.0	25,916.6	(D)	(D)	(D)	(D)
Colorado	9,808.4	10,841.7	(D)	(D)	(D)	(D)
Georgia	33,716.7	32,408.4	17,983.3	16,458.4	15,733.4	15,950.0
Illinois	13,433.4	11,575.0	13,183.4	11,291.7	250.0	283.3
Indiana	66,458.3	67,558.4	65,208.3	66,350.0	1,250.0	1,208.4
Iowa	116,350.0	96,716.6	114,775.0	94,733.3	1,575.0	1,983.3
Kentucky	9,950.0	10,699.9	(D)	(D)	(D)	(D)
Maryland	5,608.3	5,408.3	5,491.6	5,275.0	116.7	133.3
Michigan	31,400.0	28,925.0	(D)	(D)	(D)	(D)
Minnesota	23,000.0	15,758.4	22,375.0	15,175.0	625.0	583.4
Mississippi	9,683.3	9,266.7	(D)	(D)	(D)	(D)
Missouri	24,566.6	26,825.0	21,583.3	23,691.7	2,983.3	3,133.3
Nebraska	18,500.0	14,141.7	17,825.0	13,266.7	675.0	875.0
New York	11,433.4	11,908.3	(D)	(D)	(D)	(D)
North Carolina	26,466.7	27,408.3	13,575.0	14,133.3	12,891.7	13,275.0
Ohio	71,333.3	64,866.7	(D)	(D)	(D)	(D)
Oklahoma	4,833.4	4,083.4	(D)	(D)	(D)	(D)
Oregon	4,600.0	4,625.0	4,600.0	4,625.0	-	-
Pennsylvania	61,333.4	62,849.9	58,725.0	60,391.6	2,608.4	2,458.3
South Carolina	6,866.7	6,650.0	5,000.0	4,766.7	1,866.7	1,883.3
South Dakota	6,075.0	5,525.0	6,075.0	5,525.0	-	-
Texas	40,500.0	41,708.3	(D)	(D)	(D)	(D)
Utah	9,908.3	9,983.3	9,908.3	9,983.3	-	-
Virginia	5,200.0	5,158.3	2,691.7	2,591.6	2,508.3	2,566.7
Washington	14,291.7	14,291.7	(D)	(D)	(D)	(D)
Wisconsin	15,550.0	15,650.0	15,075.0	15,150.0	475.0	500.0
Other States ¹	60,866.6	60,808.3	54,600.1	54,750.0	6,266.5	6,058.3
United States	767,941.8	733,766.4	669,825.2	633,149.8	98,116.6	100,616.6

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: July 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)					
Alabama	16,425.0	17,866.7	3,150.0	3,125.0	13,275.0	14,741.7
Arkansas	25,366.6	26,700.0	(D)	(D)	(D)	(D)
California	26,400.0	26,958.4	(D)	(D)	(D)	(D)
Colorado	9,816.6	10,458.3	(D)	(D)	(D)	(D)
Georgia	34,891.7	36,574.9	18,750.0	20,183.3	16,141.7	16,391.6
Illinois	13,708.3	12,133.4	13,375.0	11,825.0	333.3	308.4
Indiana	67,624.9	71,900.0	66,358.3	70,550.0	1,266.6	1,350.0
Iowa	118,525.0	101,900.1	117,083.4	99,983.4	1,441.6	1,916.7
Kentucky	10,208.3	11,183.3	(D)	(D)	(D)	(D)
Maryland	5,641.7	5,558.3	5,516.7	5,425.0	125.0	133.3
Michigan	30,841.6	30,416.7	(D)	(D)	(D)	(D)
Minnesota	23,291.7	16,833.4	22,616.7	16,233.4	675.0	600.0
Mississippi	9,766.7	9,725.0	(D)	(D)	(D)	(D)
Missouri	25,083.3	27,850.1	21,875.0	24,541.7	3,208.3	3,308.4
Nebraska	19,433.4	16,541.7	18,566.7	15,700.0	866.7	841.7
New York	11,933.3	12,274.9	(D)	(D)	(D)	(D)
North Carolina	27,283.3	28,591.7	14,066.6	15,100.0	13,216.7	13,491.7
Ohio	73,375.0	71,316.7	(D)	(D)	(D)	(D)
Oklahoma	5,016.6	4,175.0	(D)	(D)	(D)	(D)
Oregon	4,625.0	4,658.3	4,625.0	4,658.3	-	-
Pennsylvania	63,941.6	63,975.0	61,308.3	61,450.0	2,633.3	2,525.0
South Carolina	7,125.1	6,750.0	5,183.4	4,858.3	1,941.7	1,891.7
South Dakota	6,141.7	5,875.0	6,141.7	5,875.0	-	-
Texas	42,175.0	43,058.3	(D)	(D)	(D)	(D)
Utah	10,125.0	10,050.0	10,125.0	10,050.0	-	-
Virginia	5,433.3	4,891.7	2,883.3	2,325.0	2,550.0	2,566.7
Washington	14,633.3	14,791.6	(D)	(D)	(D)	(D)
Wisconsin	15,675.0	16,525.0	15,166.7	16,000.0	508.3	525.0
Other States ¹	63,283.3	62,591.8	56,800.0	56,491.7	6,483.3	6,100.1
United States	787,791.3	772,125.3	686,733.3	667,816.7	101,058.0	104,308.6

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Total Layers Molted by Month – United States: 2019-2020

[As of the first of the month. 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	1.7	13.5	11.8
February	2.5	2.2	13.2	12.0
March	1.5	1.7	13.8	12.3
April	1.3	1.3	13.7	12.2
May	2.5	3.5	13.1	11.0
June	2.0	4.5	13.3	11.8
July	2.0	2.3	13.3	13.8
August	2.0	1.5	13.3	14.8
September	2.0		13.0	
October	1.9		13.0	
November	1.5		13.2	
December	0.9		12.9	

Total Layers Molted First Day of the Month – States and United States: July 1 and August 1, 2019-2020

State	Being molted				Molt completed			
	July 1		August 1		July 1		August 1	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	2.0	0.5	1.0	0.5	5.0	5.5	6.5	4.5
Arkansas	2.5	2.5	1.5	0.5	8.5	11.0	11.0	13.5
California	1.0	1.5	1.5	2.0	12.5	7.0	12.0	7.5
Colorado	1.5	0.5	1.0	-	6.0	6.0	7.5	6.0
Georgia	2.0	2.5	2.0	1.5	10.0	9.0	10.0	10.5
Illinois	-	1.5	-	1.5	11.5	-	11.5	1.5
Indiana	1.5	1.5	2.0	2.5	18.5	13.5	18.0	13.0
Iowa	3.5	1.5	3.5	0.5	15.5	15.0	16.0	15.5
Kentucky	3.0	6.0	5.0	3.0	2.0	2.5	3.0	8.0
Maryland	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	5.5	1.0	4.5	1.5
Minnesota	0.5	-	1.0	-	5.0	20.0	4.0	17.0
Mississippi	1.0	4.0	3.5	2.0	20.0	23.5	20.5	24.0
Missouri	3.0	-	0.5	3.0	6.5	2.0	6.5	2.0
Nebraska	-	7.0	-	1.0	9.5	36.5	7.5	40.0
New York	1.5	1.0	-	-	6.0	5.5	7.5	6.0
North Carolina	0.5	2.0	-	2.0	5.5	6.0	6.0	7.5
Ohio	2.5	4.0	3.0	1.5	13.5	19.0	12.5	20.5
Oklahoma	0.5	3.5	0.5	3.5	22.5	8.0	21.5	11.0
Oregon	-	-	-	-	-	1.5	-	1.5
Pennsylvania	0.5	-	0.5	-	2.5	6.5	2.5	6.0
South Carolina	-	6.0	2.5	3.0	25.0	19.5	24.0	19.5
South Dakota	-	-	0.5	-	3.5	-	3.5	-
Texas	3.5	8.5	3.5	4.0	38.5	44.5	39.0	48.0
Utah	2.0	2.5	2.5	2.5	31.0	16.5	23.5	17.5
Virginia	-	-	-	-	-	-	-	-
Washington	-	4.5	3.0	-	16.5	12.0	15.0	14.0
Wisconsin	5.0	-	-	-	12.0	24.0	13.0	23.5
Other States ¹	3.2	3.1	3.1	3.5	19.7	16.4	19.8	17.9
United States	2.0	2.3	2.0	1.5	13.3	13.8	13.3	14.8

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2019 and 2020

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on August 1	47,490	46,257	97
Chicks hatched during July	50,919	46,140	91
Chicks hatched January through July	387,951	372,457	96
Pullets hatched during July for intended placements:			
Hatchery supply flocks	255	294	115
Cumulative potential placements 7-18 months earlier ¹	2,515	2,872	114
Broiler-type			
Eggs in incubators on August 1	700,675	687,787	98
Chicks hatched during July	850,393	850,637	100
Chicks hatched January through July	5,777,842	5,787,622	100
Pullets hatched during July for intended placements:			
Hatchery supply flocks	8,510	8,235	97
Cumulative potential placements 7-15 months earlier ²	72,147	74,341	103

¹ 2020 includes pullet chicks hatched January 2019 through December 2019.

² 2020 includes pullet chicks hatched April 2019 through December 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	51,443	47,756	93
February	55,001	50,243	91
March	53,586	49,225	92
April	58,422	57,631	99
May	55,489	49,575	89
June	51,648	50,029	97
July	47,615	46,093	97
August	47,490	46,257	97
September	47,878		
October	48,512		
November	48,069		
December	47,798		

Egg-Type Chicks Hatched by Month – United States: 2019-2020

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

Month	Monthly			Cumulative		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	55,850	52,825	95	55,850	52,825	95
February	52,182	48,169	92	108,032	100,994	93
March	55,658	56,065	101	163,690	157,059	96
April	60,668	60,931	100	224,358	217,990	97
May	60,816	52,790	87	285,174	270,780	95
June	51,858	55,537	107	337,032	326,317	97
July	50,919	46,140	91	387,951	372,457	96
August	46,246			434,197		
September	50,386			484,583		
October	52,066			536,649		
November	48,113			584,762		
December	46,114			630,876		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2019-2021

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

Month	Pullet chicks hatched		2020 as percent of 2019	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2019	2020		2020	2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	268	265	99	2,791	3,352
February	201	482	240	2,887	3,391
March	189	322	170	2,818	
April	295	243	82	2,954	
May	215	233	108	2,882	
June	270	373	138	2,838	
July	255	294	115	2,872	
August	194			2,869	
September	286			3,150	
October	199			3,283	
November	198			3,231	
December	302			3,249	
Annual total	2,872				

¹ For July 2020, includes breeder pullet chicks hatched January 2019 through December 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	683,775	715,246	105
February	687,702	716,997	104
March	694,560	718,593	103
April	696,510	711,218	102
May	703,505	660,894	94
June	705,839	701,891	99
July	694,935	700,493	101
August	700,675	687,787	98
September	694,562		
October	674,657		
November	677,193		
December	711,590		

Broiler-Type Chicks Hatched – States and United States: July 2019 and 2020

State	During July			January-July		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	115,723	119,395	103	772,702	820,598	106
Arkansas	90,013	84,304	94	618,390	578,793	94
Delaware	18,757	17,612	94	130,732	119,862	92
Florida	4,227	4,284	101	29,715	29,718	100
Georgia	128,420	124,524	97	866,284	849,180	98
Kentucky	28,254	27,025	96	190,428	185,440	97
Louisiana	13,379	11,999	90	92,283	84,979	92
Maryland	28,930	29,850	103	201,990	200,141	99
Mississippi	69,657	66,020	95	476,553	448,095	94
Missouri	32,308	31,944	99	211,465	221,236	105
North Carolina	86,142	89,313	104	590,968	597,985	101
Oklahoma	26,641	24,143	91	188,754	178,765	95
Pennsylvania	20,047	23,469	117	135,464	155,278	115
South Carolina	20,804	20,714	100	141,925	137,159	97
Texas	64,172	64,826	101	429,068	434,241	101
Virginia	23,652	23,724	100	160,602	153,747	96
California, Tennessee, and West Virginia	44,425	44,884	101	300,261	311,110	104
Other States ¹	34,842	42,607	122	240,258	281,295	117
United States	850,393	850,637	100	5,777,842	5,787,622	100

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

Broiler-Type Chicks Hatched by Month – United States: 2019-2020

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

Month	Monthly			Cumulative		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	828,918	861,200	104	828,918	861,200	104
February	750,551	806,862	108	1,579,469	1,668,062	106
March	837,361	859,346	103	2,416,830	2,527,408	105
April	819,404	773,623	94	3,236,234	3,301,031	102
May	857,507	807,506	94	4,093,741	4,108,537	100
June	833,708	828,448	99	4,927,449	4,936,985	100
July	850,393	850,637	100	5,777,842	5,787,622	100
August	855,076			6,632,918		
September	815,567			7,448,485		
October	816,263			8,264,748		
November	796,660			9,061,408		
December	857,789			9,919,197		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2019-2021

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

Month	Pullet chicks hatched		2020 as percent of 2019	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2019 (1,000 chicks)	2020 (1,000 chicks)		2020 (1,000 chicks)	2021 (1,000 chicks)
United States placements					
January	7,478	7,482	100	72,170	72,886
February	7,882	8,135	103	73,411	73,590
March	8,222	8,547	104	73,604	
April	7,339	8,161	111	73,624	
May	8,767	8,188	93	73,677	
June	8,717	8,074	93	73,936	
July	8,510	8,235	97	74,341	
August	8,094			74,484	
September	8,615			73,852	
October	7,531			73,682	
November	8,141			73,333	
December	8,627			73,427	
Annual total	97,923				
Total placements ²					
January	8,957	9,022	101		
February	9,525	9,581	101		
March	10,161	10,183	100		
April	9,146	9,700	106		
May	10,797	9,860	91		
June	10,606	9,713	92		
July	10,444	9,726	93		
August	9,763				
September	10,468				
October	9,063				
November	9,653				
December	10,365				
Annual total	118,948				

¹ For July 2020, includes breeder pullet chicks hatched April 2019 through December 2019.

² United States production of intended placements worldwide.

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.

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 1.4 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 379 million layers by more than 1.4 percent. Chances are 9 out of 10 that the difference will not exceed 2.4 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) 1.4	(percent) 2.4	(1,000) 3,826	(1,000) 107	(1,000) 10,395	(number) 21	(number) 3
Eggs	1.4	2.4	(million) 93.4	(million) 1	(million) 257	21	3

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@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
Adam Peters – Honey, Honey Bee Colonies	(202) 690-4870
Autumn Stone – Layers, Eggs, Egg Products	(202) 690-3676
Takiyah Walker – Broiler Hatchery, Chicken Hatchery	(202) 720-6147

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