



Chickens and Eggs

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December Egg Production Down 2 Percent

United States egg production totaled 9.60 billion during December 2020, down 2 percent from last year. Production included 8.33 billion table eggs, and 1.26 billion hatching eggs, of which 1.17 billion were broiler-type and 87.4 million were egg-type. The total number of layers during December 2020 averaged 391 million, down 3 percent from last year. December egg production per 100 layers was 2,453 eggs, up 1 percent from December 2019.

All layers in the United States on January 1, 2021 totaled 391 million, down 3 percent from last year. The 391 million layers consisted of 325 million layers producing table or market type eggs, 62.4 million layers producing broiler-type hatching eggs, and 3.37 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 2021, averaged 78.3 eggs per 100 layers, up 1 percent from January 1, 2020.

Egg-Type Chicks Hatched Up 16 Percent

Egg-type chicks hatched during December 2020 totaled 53.4 million, up 16 percent from December 2019. Eggs in incubators totaled 50.8 million on January 1, 2021, up 6 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 461 thousand during December 2020, up 53 percent from December 2019.

Broiler-Type Chicks Hatched Down 1 Percent

Broiler-type chicks hatched during December 2020 totaled 848 million, down 1 percent from December 2019. Eggs in incubators totaled 712 million on January 1, 2021, down slightly from a year ago.

Leading breeders placed 8.43 million broiler-type pullet chicks for future domestic hatchery supply flocks during December 2020, down 2 percent from December 2019.

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Average Layers During the Month – United States: 2020-2021

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

Month	2020		2021	
	(1,000 layers)		(1,000 layers)	
December ¹		404,190		391,134
January		402,081		
February		396,817		
March		395,443		
April		392,308		
May		386,179		
June		382,097		
July		379,205		
August		380,098		
September		383,568		
October		386,486		
November		389,410		

¹ December previous year.

Egg Production During the Month by Type – United States: 2020-2021

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

Month	Total eggs		Table eggs		Hatching eggs	
	2020	2021	2020	2021	2020	2021
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,809.0	9,596.0	8,601.0	8,334.6	1,208.0	1,261.4
January	9,708.0		8,486.6		1,221.4	
February	8,945.0		7,790.9		1,154.1	
March	9,534.2		8,294.3		1,239.9	
April	9,085.3		7,881.8		1,203.5	
May	9,099.3		7,860.2		1,239.1	
June	8,805.2		7,597.8		1,207.4	
July	9,269.7		8,014.5		1,255.2	
August	9,297.6		8,040.5		1,257.1	
September	9,030.6		7,810.8		1,219.8	
October	9,501.7		8,246.9		1,254.8	
November	9,327.0		8,114.1		1,212.9	

¹ December previous year.

Egg Production During the Month in Dozens by Type – United States: 2020-2021

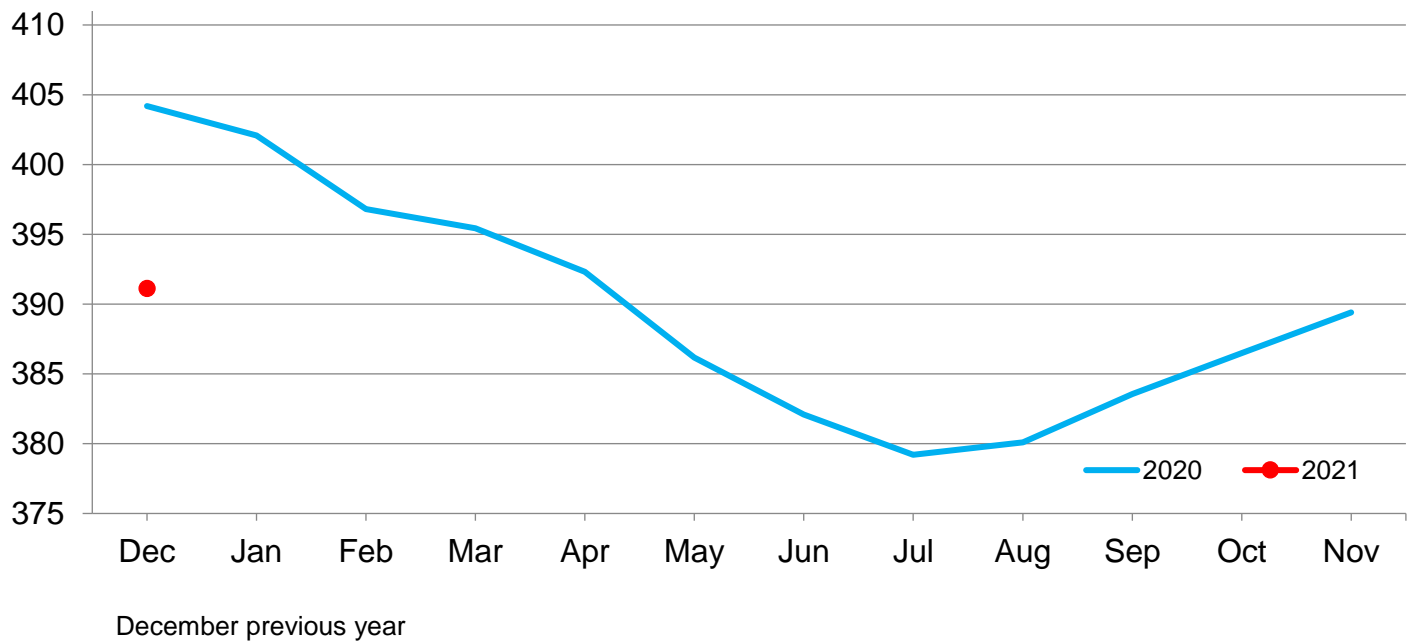
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2020	2021	2020	2021	2020	2021
	(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	817,416.3	799,667.0	716,749.8	694,550.4	100,666.5	105,116.6
January	808,999.8		707,216.7		101,783.1	
February	745,416.1		649,241.5		96,174.6	
March	794,516.7		691,191.6		103,325.1	
April	757,107.8		656,816.3		100,291.5	
May	758,274.7		655,016.5		103,258.2	
June	733,766.4		633,149.8		100,616.6	
July	772,475.2		667,874.9		104,600.3	
August	774,800.0		670,041.5		104,758.5	
September	752,550.2		650,900.1		101,650.1	
October	791,808.4		687,241.8		104,566.6	
November	777,250.1		676,175.0		101,075.1	

¹ December previous year.

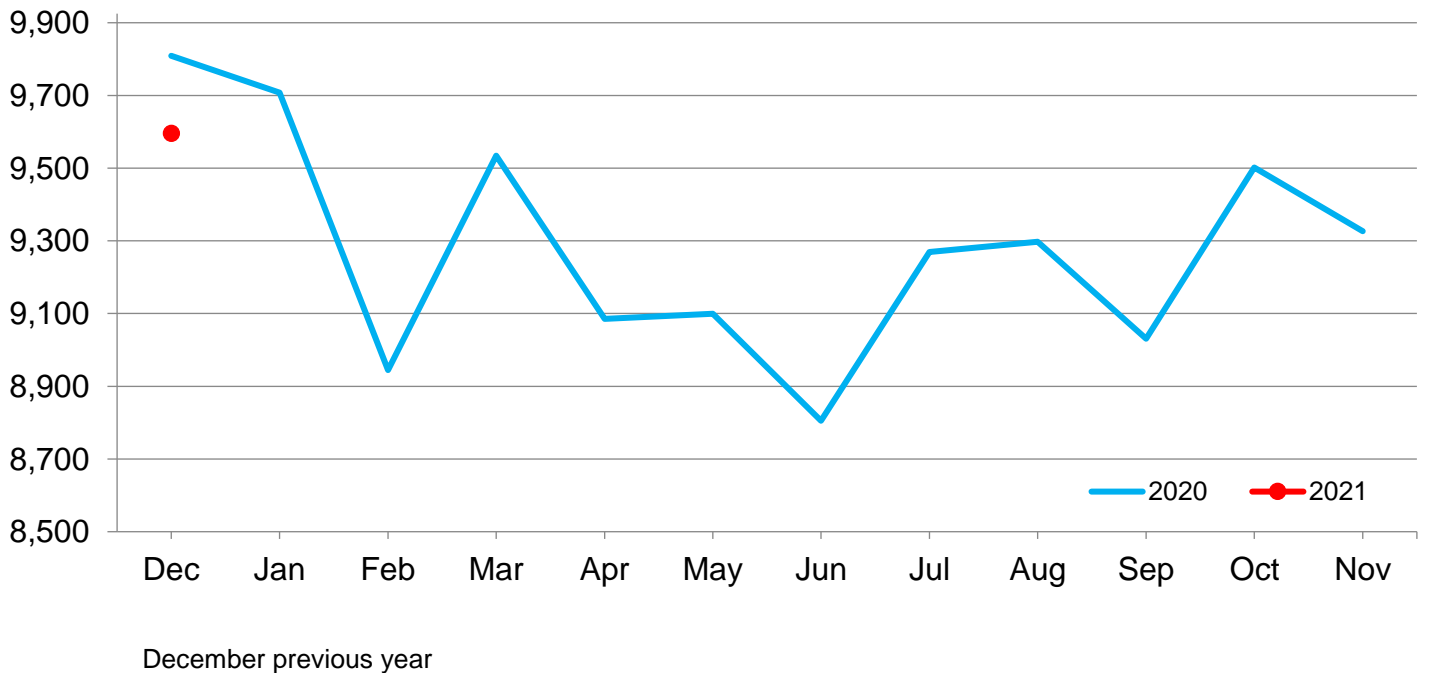
Average Layers During the Month – United States

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 2019 and 2020**

Item	2019	2020	2020 as percent of 2019
Layers during November			
Total layers 1,000	401,764	389,410	97
Table egg type 1,000	339,211	325,239	96
Hatching egg type 1,000	62,553	64,171	103
Broiler-type hatching 1,000	59,058	60,961	103
Egg-type hatching 1,000	3,495	3,210	92
Eggs per 100 layers during November			
Total layers number	2,364	2,395	101
Table egg type number	2,455	2,495	102
Hatching egg type number	1,866	1,890	101
Broiler-type hatching number	1,829	1,861	102
Egg-type hatching number	2,501	2,449	98
Eggs produced during November			
Total layers million	9,496.8	9,327.0	98
Table egg type million	8,329.3	8,114.1	97
Hatching egg type million	1,167.5	1,212.9	104
Broiler-type hatching million	1,080.1	1,134.3	105
Egg-type hatching million	87.4	78.6	90
Eggs produced during November			
Total layers 1,000 dozen	791,399.9	777,250.1	98
Table egg type 1,000 dozen	694,108.5	676,175.0	97
Hatching egg type 1,000 dozen	97,291.4	101,075.1	104
Broiler-type hatching 1,000 dozen	90,008.4	94,525.0	105
Egg-type hatching 1,000 dozen	7,283.0	6,550.1	90
Layers on December 1			
Total layers 1,000	403,273	391,018	97
Table egg type 1,000	340,766	326,390	96
Hatching egg type 1,000	62,507	64,628	103
Broiler-type hatching 1,000	59,065	61,350	104
Egg-type hatching 1,000	3,442	3,278	95
Eggs per 100 layers on December 1			
Total layers number	78.6	79.9	102
Table egg type number	81.7	83.4	102
Hatching egg type number	62.1	62.6	101
Broiler-type hatching number	60.9	61.5	101
Egg-type hatching number	83.5	83.1	100
Molted layers on December 1			
Being molted percent	0.9	1.1	122
Molt completed percent	12.9	14.9	116
Layers sold for slaughter during November 1,000	14,334.9	13,468.6	94
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	11,572.4	9,498.7	82
Pullets on December 1 1,000	122,095	120,438	99
Pullets added during November ¹ 1,000	28,794.2	28,661.0	100

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 2019-2021

Item	2019	2020	2020 as percent of 2019
Layers during December			
All layers 1,000	404,190	391,134	97
Table egg type 1,000	341,166	325,950	96
Hatching egg type 1,000	63,024	65,184	103
Broiler-type hatching 1,000	59,564	61,858	104
Egg-type hatching 1,000	3,460	3,326	96
Eggs per 100 layers during December			
All layers number	2,427	2,453	101
Table egg type number	2,521	2,557	101
Hatching egg type number	1,917	1,935	101
Broiler-type hatching number	1,880	1,898	101
Egg-type hatching number	2,549	2,628	103
Eggs produced during December			
All layers million	9,809.0	9,596.0	98
Table egg type million	8,601.0	8,334.6	97
Hatching egg type million	1,208.0	1,261.4	104
Broiler-type hatching million	1,119.8	1,174.0	105
Egg-type hatching million	88.2	87.4	99
Eggs produced during December			
All layers 1,000 dozen	817,416.3	799,667.0	98
Table egg type 1,000 dozen	716,749.8	694,550.4	97
Hatching egg type 1,000 dozen	100,666.5	105,116.6	104
Broiler-type hatching 1,000 dozen	93,316.6	97,833.4	105
Egg-type hatching 1,000 dozen	7,349.9	7,283.2	99
	2020	2021	2021 as percent of 2020
Layers on January 1			
All layers 1,000	405,073	391,206	97
Table egg type 1,000	341,552	325,488	95
Hatching egg type 1,000	63,521	65,718	103
Broiler-type hatching 1,000	60,051	62,352	104
Egg-type hatching 1,000	3,470	3,366	97
Eggs per 100 layers on January 1			
All layers number	77.9	78.3	101
Table egg type number	80.9	81.5	101
Hatching egg type number	61.5	62.2	101
Broiler-type hatching number	60.3	60.9	101
Egg-type hatching number	81.1	86.1	106
Molted layers on January 1			
Percent being molted percent	1.7	2.1	124
Percent with molt completed percent	11.8	14.1	119
Layers sold for slaughter during December 1,000	12,267	13,874	113
Layers rendered, died, destroyed, composted or disappeared for any reason during December 1,000	10,721	10,193	95
Pullets on January 1 1,000	121,907	121,466	100
Pullets added during December ¹ 1,000	26,526	27,436	103

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

Layers on Hand and Eggs Produced – States and United States: During November 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	1,421	1,442	9,970	10,490	1,883	1,916
Arkansas	(D)	(D)	14,818	16,360	2,002	2,019
California	12,871	13,258	13,485	13,953	2,400	2,383
Colorado	4,760	4,919	5,273	5,427	2,520	2,504
Georgia	9,368	9,873	19,768	20,080	2,126	2,176
Illinois	5,676	6,097	6,239	6,652	2,451	2,455
Indiana	34,207	33,945	35,497	35,277	2,420	2,483
Iowa	56,354	46,158	58,127	48,011	2,444	2,557
Kentucky	(D)	(D)	5,703	5,878	2,173	2,273
Maryland	2,537	2,385	2,737	2,598	2,419	2,463
Michigan	14,664	14,476	14,959	14,771	2,474	2,495
Minnesota	9,464	7,735	9,949	8,238	2,391	2,598
Mississippi	(D)	(D)	5,626	5,359	2,121	2,081
Missouri	7,349	7,716	12,491	12,887	2,491	2,479
Nebraska	8,536	7,283	9,128	7,841	2,469	2,534
New York	5,250	5,267	5,783	5,829	2,502	2,532
North Carolina	7,368	7,651	15,971	15,944	2,114	2,180
Ohio	35,467	33,431	36,675	34,643	2,506	2,517
Oklahoma	(D)	(D)	2,889	2,618	1,925	1,868
Oregon	2,111	1,950	2,293	2,121	2,512	2,593
Pennsylvania	28,119	28,229	30,650	30,716	2,499	2,448
South Carolina	2,610	2,431	3,924	3,726	2,082	2,136
South Dakota	2,700	2,556	2,755	2,611	2,642	2,624
Texas	(D)	(D)	22,266	23,585	2,229	2,352
Utah	4,541	4,959	4,593	5,011	2,615	2,570
Virginia	924	896	2,676	2,704	2,384	2,319
Washington	6,676	6,657	6,839	6,822	2,519	2,394
Wisconsin	6,689	6,822	7,785	7,928	2,475	2,378
Other States ¹	26,900	25,423	32,895	31,330	2,338	2,377
United States	323,631	309,566	401,764	389,410	2,364	2,395

(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 December 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	1,444	1,394	10,129	10,574	1,944	1,976
Arkansas	(D)	(D)	15,177	16,536	2,068	2,072
California	13,384	13,535	14,022	14,255	2,403	2,452
Colorado	4,762	5,079	5,275	5,587	2,624	2,565
Georgia	9,357	9,820	19,797	20,129	2,177	2,213
Illinois	5,627	6,052	6,168	6,613	2,341	2,536
Indiana	34,590	33,866	35,883	35,227	2,538	2,549
Iowa	57,103	46,274	58,885	48,205	2,519	2,620
Kentucky	(D)	(D)	5,728	5,923	2,256	2,283
Maryland	2,657	2,375	2,852	2,581	2,504	2,561
Michigan	14,796	14,349	15,091	14,644	2,486	2,570
Minnesota	8,940	7,591	9,445	8,094	2,455	2,649
Mississippi	(D)	(D)	5,593	5,484	2,172	2,110
Missouri	7,495	7,773	12,639	12,963	2,488	2,509
Nebraska	8,527	7,329	9,143	7,897	2,554	2,566
New York	5,252	5,298	5,782	5,861	2,598	2,568
North Carolina	7,290	7,758	15,864	16,110	2,211	2,266
Ohio	35,300	33,613	36,510	34,832	2,522	2,554
Oklahoma	(D)	(D)	2,857	2,669	2,030	1,941
Oregon	2,152	1,983	2,323	2,154	2,587	2,572
Pennsylvania	28,541	28,648	31,118	31,099	2,569	2,510
South Carolina	2,619	2,461	3,933	3,801	2,179	2,220
South Dakota	2,629	2,528	2,684	2,583	2,720	2,722
Texas	(D)	(D)	22,482	23,738	2,336	2,422
Utah	4,613	5,092	4,665	5,144	2,684	2,582
Virginia	913	840	2,670	2,715	2,453	2,328
Washington	6,745	6,574	6,909	6,739	2,572	2,585
Wisconsin	6,852	6,618	7,960	7,748	2,510	2,442
Other States ¹	26,598	25,250	32,606	31,229	2,408	2,432
United States	325,481	310,259	404,190	391,134	2,427	2,453

(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: November 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	187.7	201.0	37.2	38.1	150.5	162.9
Arkansas	296.6	330.3	(D)	(D)	(D)	(D)
California	323.7	332.5	(D)	(D)	(D)	(D)
Colorado	132.9	135.9	(D)	(D)	(D)	(D)
Georgia	420.2	437.0	228.4	245.7	191.8	191.3
Illinois	152.9	163.3	149.5	159.5	3.4	3.8
Indiana	859.0	875.8	843.5	859.0	15.5	16.8
Iowa	1,420.4	1,227.5	1,399.6	1,208.1	20.8	19.4
Kentucky	123.9	133.6	(D)	(D)	(D)	(D)
Maryland	66.2	64.0	64.7	62.4	1.5	1.6
Michigan	370.1	368.6	(D)	(D)	(D)	(D)
Minnesota	237.9	214.0	231.7	207.4	6.2	6.6
Mississippi	119.3	111.5	(D)	(D)	(D)	(D)
Missouri	311.2	319.5	274.6	282.4	36.6	37.1
Nebraska	225.4	198.7	213.4	189.1	12.0	9.6
New York	144.7	147.6	(D)	(D)	(D)	(D)
North Carolina	337.7	347.6	186.3	193.0	151.4	154.6
Ohio	919.0	871.8	(D)	(D)	(D)	(D)
Oklahoma	55.6	48.9	(D)	(D)	(D)	(D)
Oregon	57.6	55.0	57.6	55.0	-	-
Pennsylvania	766.0	752.0	738.2	724.1	27.8	27.9
South Carolina	81.7	79.6	59.2	56.2	22.5	23.4
South Dakota	72.8	68.5	72.8	68.5	-	-
Texas	496.2	554.8	(D)	(D)	(D)	(D)
Utah	120.1	128.8	120.1	128.8	-	-
Virginia	63.8	62.7	34.1	31.9	29.7	30.8
Washington	172.3	163.3	(D)	(D)	(D)	(D)
Wisconsin	192.7	188.5	187.4	183.6	5.3	4.9
Other States ¹	769.2	744.7	697.5	672.7	71.7	72.0
United States	9,496.8	9,327.0	8,329.3	8,114.1	1,167.5	1,212.9

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: December 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	196.9	208.9	38.6	38.0	158.3	170.9
Arkansas	313.9	342.7	(D)	(D)	(D)	(D)
California	337.0	349.5	(D)	(D)	(D)	(D)
Colorado	138.4	143.3	(D)	(D)	(D)	(D)
Georgia	430.9	445.5	234.9	249.5	196.0	196.0
Illinois	144.4	167.7	140.9	163.8	3.5	3.9
Indiana	910.8	898.0	894.4	879.2	16.4	18.8
Iowa	1,483.4	1,263.2	1,461.5	1,240.1	21.9	23.1
Kentucky	129.2	135.2	(D)	(D)	(D)	(D)
Maryland	71.4	66.1	69.9	64.3	1.5	1.8
Michigan	375.1	376.3	(D)	(D)	(D)	(D)
Minnesota	231.9	214.4	225.4	207.6	6.5	6.8
Mississippi	121.5	115.7	(D)	(D)	(D)	(D)
Missouri	314.4	325.3	277.2	286.9	37.2	38.4
Nebraska	233.5	202.6	220.3	192.3	13.2	10.3
New York	150.2	150.5	(D)	(D)	(D)	(D)
North Carolina	350.7	365.1	193.2	205.6	157.5	159.5
Ohio	920.7	889.7	(D)	(D)	(D)	(D)
Oklahoma	58.0	51.8	(D)	(D)	(D)	(D)
Oregon	60.1	55.4	60.1	55.4	-	-
Pennsylvania	799.4	780.6	770.1	753.4	29.3	27.2
South Carolina	85.7	84.4	62.2	60.6	23.5	23.8
South Dakota	73.0	70.3	73.0	70.3	-	-
Texas	525.2	575.0	(D)	(D)	(D)	(D)
Utah	125.2	132.8	125.2	132.8	-	-
Virginia	65.5	63.2	34.4	31.5	31.1	31.7
Washington	177.7	174.2	(D)	(D)	(D)	(D)
Wisconsin	199.8	189.2	194.1	183.7	5.7	5.5
Other States ¹	785.1	759.4	712.3	685.1	72.8	74.3
United States	9,809.0	9,596.0	8,601.0	8,334.6	1,208.0	1,261.4

- 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: November 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)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	15,641.7	16,750.0	3,100.0	3,175.0	12,541.7	13,575.0
Arkansas	24,716.7	27,525.0	(D)	(D)	(D)	(D)
California	26,974.9	27,708.4	(D)	(D)	(D)	(D)
Colorado	11,075.1	11,325.1	(D)	(D)	(D)	(D)
Georgia	35,016.6	36,416.7	19,033.3	20,475.0	15,983.3	15,941.7
Illinois	12,741.7	13,608.3	12,458.4	13,291.6	283.3	316.7
Indiana	71,583.4	72,983.3	70,291.7	71,583.3	1,291.7	1,400.0
Iowa	118,366.7	102,291.6	116,633.3	100,675.0	1,733.4	1,616.6
Kentucky	10,325.0	11,133.3	(D)	(D)	(D)	(D)
Maryland	5,516.7	5,333.4	5,391.7	5,200.0	125.0	133.4
Michigan	30,841.7	30,716.6	(D)	(D)	(D)	(D)
Minnesota	19,825.0	17,833.4	19,308.3	17,283.4	516.7	550.0
Mississippi	9,941.6	9,291.7	(D)	(D)	(D)	(D)
Missouri	25,933.3	26,625.0	22,883.3	23,533.3	3,050.0	3,091.7
Nebraska	18,783.3	16,558.3	17,783.3	15,758.3	1,000.0	800.0
New York	12,058.3	12,300.0	(D)	(D)	(D)	(D)
North Carolina	28,141.7	28,966.6	15,525.0	16,083.3	12,616.7	12,883.3
Ohio	76,583.3	72,650.0	(D)	(D)	(D)	(D)
Oklahoma	4,633.4	4,075.0	(D)	(D)	(D)	(D)
Oregon	4,800.0	4,583.4	4,800.0	4,583.4	-	-
Pennsylvania	63,833.2	62,666.7	61,516.6	60,341.7	2,316.6	2,325.0
South Carolina	6,808.3	6,633.3	4,933.3	4,683.3	1,875.0	1,950.0
South Dakota	6,066.7	5,708.4	6,066.7	5,708.4	-	-
Texas	41,350.0	46,233.3	(D)	(D)	(D)	(D)
Utah	10,008.4	10,733.3	10,008.4	10,733.3	-	-
Virginia	5,316.6	5,225.0	2,841.6	2,658.3	2,475.0	2,566.7
Washington	14,358.4	13,608.3	(D)	(D)	(D)	(D)
Wisconsin	16,058.2	15,708.3	15,616.6	15,300.0	441.6	408.3
Other States ¹	64,100.0	62,058.4	58,125.1	56,058.4	5,974.9	6,000.0
United States	791,399.9	777,250.1	694,108.5	676,175.0	97,291.4	101,075.1

- 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: December 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)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	16,408.3	17,408.4	3,216.6	3,166.7	13,191.7	14,241.7
Arkansas	26,158.3	28,558.3	(D)	(D)	(D)	(D)
California	28,083.3	29,125.0	(D)	(D)	(D)	(D)
Colorado	11,533.3	11,941.6	(D)	(D)	(D)	(D)
Georgia	35,908.4	37,125.0	19,575.0	20,791.7	16,333.4	16,333.3
Illinois	12,033.4	13,975.0	11,741.7	13,650.0	291.7	325.0
Indiana	75,900.0	74,833.4	74,533.3	73,266.7	1,366.7	1,566.7
Iowa	123,616.6	105,266.7	121,791.6	103,341.7	1,825.0	1,925.0
Kentucky	10,766.6	11,266.7	(D)	(D)	(D)	(D)
Maryland	5,950.0	5,508.4	5,825.0	5,358.4	125.0	150.0
Michigan	31,258.3	31,358.3	(D)	(D)	(D)	(D)
Minnesota	19,324.9	17,866.6	18,783.3	17,300.0	541.6	566.6
Mississippi	10,124.9	9,641.7	(D)	(D)	(D)	(D)
Missouri	26,200.0	27,108.3	23,100.0	23,908.3	3,100.0	3,200.0
Nebraska	19,458.3	16,883.3	18,358.3	16,025.0	1,100.0	858.3
New York	12,516.6	12,541.7	(D)	(D)	(D)	(D)
North Carolina	29,225.0	30,425.1	16,100.0	17,133.4	13,125.0	13,291.7
Ohio	76,725.0	74,141.7	(D)	(D)	(D)	(D)
Oklahoma	4,833.3	4,316.6	(D)	(D)	(D)	(D)
Oregon	5,008.4	4,616.7	5,008.4	4,616.7	-	-
Pennsylvania	66,616.6	65,050.1	64,175.0	62,783.4	2,441.6	2,266.7
South Carolina	7,141.7	7,033.3	5,183.4	5,050.0	1,958.3	1,983.3
South Dakota	6,083.3	5,858.3	6,083.3	5,858.3	-	-
Texas	43,766.6	47,916.7	(D)	(D)	(D)	(D)
Utah	10,433.4	11,066.6	10,433.4	11,066.6	-	-
Virginia	5,458.4	5,266.7	2,866.7	2,625.0	2,591.7	2,641.7
Washington	14,808.3	14,516.7	(D)	(D)	(D)	(D)
Wisconsin	16,650.0	15,766.6	16,175.0	15,308.3	475.0	458.3
Other States ¹	65,425.1	63,283.5	59,358.4	57,091.8	6,066.7	6,191.7
United States	817,416.3	799,667.0	716,749.8	694,550.4	100,666.5	105,116.6

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Total Layers Molted First Day of the Month by Month – United States: 2020-2021

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

Month	Being molted		Molt completed	
	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)
January	1.7	2.1	11.8	14.1
February	2.2		12.0	
March	1.7		12.3	
April	1.3		12.2	
May	3.5		11.0	
June	4.5		11.8	
July	2.3		13.8	
August	1.5		14.8	
September	2.3		14.1	
October	2.3		14.8	
November	1.2		15.6	
December	1.1		14.9	

Total Layers Molted First Day of the Month – States and United States: December 1 and January 1, 2019-2021

State	Being molted				Molt completed			
	December 1		January 1		December 1		January 1	
	2019	2020	2020	2021	2019	2020	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	-	0.5	8.0	5.5	7.5	4.5
Arkansas	1.0	1.0	1.0	1.0	10.5	14.0	9.0	14.5
California	0.5	1.5	-	2.5	10.0	7.5	8.0	7.5
Colorado	-	2.0	2.5	-	7.5	5.5	6.0	6.0
Georgia	0.5	-	2.5	2.0	14.5	13.0	12.0	12.0
Illinois	-	3.0	1.0	-	5.0	2.0	-	2.0
Indiana	-	1.0	1.5	2.0	16.5	12.5	16.0	12.5
Iowa	1.5	1.0	1.5	1.0	17.0	14.0	15.5	13.5
Kentucky	2.0	1.5	1.5	3.0	3.5	7.5	3.0	9.0
Maryland	-	-	-	-	-	-	-	-
Michigan	2.5	0.5	1.5	2.0	3.5	2.0	3.5	1.5
Minnesota	0.5	-	2.5	-	1.5	20.5	1.5	15.5
Mississippi	-	1.0	2.0	-	21.5	21.5	20.5	17.0
Missouri	-	-	-	2.0	5.0	6.5	4.0	3.0
Nebraska	-	-	1.0	-	7.0	30.5	6.0	23.0
New York	-	-	1.5	1.5	8.0	0.5	8.0	0.5
North Carolina	-	-	0.5	2.0	3.5	10.0	3.5	10.0
Ohio	1.0	1.5	2.5	3.0	14.0	18.5	12.0	15.5
Oklahoma	-	-	-	-	-	25.5	-	21.5
Oregon	-	-	8.0	-	1.5	-	1.5	-
Pennsylvania	3.0	3.5	2.5	5.5	2.0	4.5	2.0	4.5
South Carolina	-	-	2.5	2.5	22.5	22.0	22.0	20.5
South Dakota	-	-	-	-	3.0	-	-	-
Texas	1.0	1.5	3.5	3.5	39.0	47.0	38.0	47.5
Utah	-	-	2.5	4.0	23.5	24.0	19.0	20.0
Virginia	-	-	-	-	-	-	-	-
Washington	1.5	4.5	3.0	-	13.0	11.5	11.5	13.0
Wisconsin	-	-	4.0	-	1.5	22.5	1.0	23.5
Other States ¹	1.3	1.3	1.5	2.8	20.6	24.3	20.0	23.3
United States	0.9	1.1	1.7	2.1	12.9	14.9	11.8	14.1

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2020 and 2021

[December preceding year]

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on January 1	47,756	50,766	106
Chicks hatched during December	46,114	53,366	116
Chicks hatched January through December	630,876	624,458	99
Pullets hatched during December for intended placements:			
Hatchery supply flocks	302	461	153
Cumulative potential placements 7-18 months earlier ¹	2,699	3,249	120
Broiler-type			
Eggs in incubators on January 1	715,246	711,856	100
Chicks hatched during December	857,789	848,156	99
Chicks hatched January through December	9,919,197	9,872,266	100
Pullets hatched during December for intended placements:			
Hatchery supply flocks	8,627	8,430	98
Cumulative potential placements 7-15 months earlier ²	71,730	73,427	102

¹ 2021 includes pullet chicks hatched June 2019 through May 2020.

² 2021 includes pullet chicks hatched September 2019 through May 2020.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2020 and 2021

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

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
January	47,756	50,766	106
February	50,243		
March	49,225		
April	57,631		
May	49,575		
June	50,029		
July	46,093		
August	46,242		
September	47,296		
October	46,624		
November	44,601		
December	53,170		

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

Month	By months			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	50,007	108	434,197	422,464	97
September	50,386	49,989	99	484,583	472,453	97
October	52,066	50,597	97	536,649	523,050	97
November	48,113	48,042	100	584,762	571,092	98
December	46,114	53,366	116	630,876	624,458	99

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	3,567
April	295	243	82	2,954	3,482
May	215	233	108	2,882	3,480
June	270	373	138	2,838	3,451
July	255	294	115	2,872	3,610
August	194	370	191	2,869	
September	286	201	70	3,150	
October	199	197	99	3,283	
November	198	169	85	3,231	
December	302	461	153	3,249	
Annual total	2,872	3,610	126		

¹ For December 2020, includes breeder pullet chicks hatched June 2019 through May 2020. 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: 2020 and 2021

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

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
January	715,246	711,856	100
February	716,997		
March	718,593		
April	711,218		
May	660,894		
June	701,891		
July	700,493		
August	687,522		
September	691,851		
October	665,453		
November	664,565		
December	706,253		

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

State	During December			January-December		
	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	122,689	119,441	97	1,343,702	1,394,784	104
Arkansas	86,225	86,233	100	1,040,741	994,336	96
Delaware	20,792	16,950	82	225,485	201,086	89
Florida	4,324	4,300	99	50,828	51,033	100
Georgia	123,937	122,090	99	1,481,996	1,442,473	97
Kentucky	27,030	26,751	99	323,991	316,094	98
Louisiana	12,993	12,012	92	157,277	143,733	91
Maryland	29,431	27,762	94	343,890	339,917	99
Mississippi	67,823	65,468	97	802,159	757,594	94
Missouri	32,879	33,349	101	368,048	381,376	104
North Carolina	88,185	87,698	99	1,018,374	1,022,885	100
Oklahoma	27,391	24,288	89	321,046	300,126	93
Pennsylvania	21,944	23,267	106	235,499	270,491	115
South Carolina	20,282	19,817	98	243,159	235,100	97
Texas	64,070	65,931	103	737,731	745,016	101
Virginia	22,440	24,132	108	273,784	267,130	98
California, Tennessee, and West Virginia	45,363	45,201	100	512,713	525,134	102
Other States ²	39,991	43,466	109	423,100	483,958	114
United States	857,789	848,156	99	9,919,197	9,872,266	100

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: 2019-2020

Month	By months			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	850,755	100	5,777,842	5,787,740	100
August	855,076	837,619	98	6,632,918	6,625,359	100
September	815,567	810,221	99	7,448,485	7,435,580	100
October	816,263	805,450	99	8,264,748	8,241,030	100
November	796,660	783,080	98	9,061,408	9,024,110	100
December	857,789	848,156	99	9,919,197	9,872,266	100

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	73,660
April	7,339	8,161	111	73,624	74,741
May	8,767	8,188	93	73,677	75,331
June	8,717	8,074	93	73,936	74,992
July	8,510	8,235	97	74,341	74,875
August	8,094	8,211	101	74,484	
September	8,615	9,708	113	73,852	
October	7,531	8,072	107	73,682	
November	8,141	7,796	96	73,333	
December	8,627	8,430	98	73,427	
Annual total	97,923	99,039	101		
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	9,902	101		
September	10,468	11,729	112		
October	9,063	9,975	110		
November	9,653	9,324	97		
December	10,365	10,299	99		
Annual total	118,948	119,014	100		

¹ For December 2020, includes breeder pullet chicks hatched September 2019 through May 2020.

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 0.8 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 391 million layers by more than 0.8 percent. Chances are 9 out of 10 that the difference will not exceed 1.4 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) 0.8	(percent) 1.4	(1,000) 1,897	(1,000) 42	(1,000) 10,347	(number) 20	(number) 4
Eggs	0.9	1.5	(million) 46.7	(million) 1	(million) 257	20	4

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@usda.gov

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Holly Brenize – Poultry Slaughter.....	(202) 720-0585
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses	(202) 720-4751
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