



Chickens and Eggs

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December Egg Production Up 1 Percent

United States egg production totaled 9.66 billion during December 2021, up 1 percent from last year. Production included 8.38 billion table eggs, and 1.28 billion hatching eggs, of which 1.21 billion were broiler-type and 78.2 million were egg-type. The total number of layers during December 2021 averaged 392 million, up slightly from last year. December egg production per 100 layers was 2,464 eggs, up slightly from December 2020.

All layers in the United States on January 1, 2022 totaled 392 million, down slightly from last year. The 392 million layers consisted of 326 million layers producing table or market type eggs, 62.6 million layers producing broiler-type hatching eggs, and 3.03 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 2022, averaged 79.2 eggs per 100 layers, up 1 percent from January 1, 2021.

Egg-Type Chicks Hatched Down 9 Percent

Egg-type chicks hatched during December 2021 totaled 47.3 million, down 9 percent from December 2020. Eggs in incubators totaled 46.5 million on January 1, 2022, down 8 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 214 thousand during December 2021, down 54 percent from December 2020.

Broiler-Type Chicks Hatched Down Slightly

Broiler-type chicks hatched during December 2021 totaled 846 million, down slightly from December 2020. Eggs in incubators totaled 712 million on January 1, 2022, up slightly from a year ago.

Leading breeders placed 8.79 million broiler-type pullet chicks for future domestic hatchery supply flocks during December 2021, up 13 percent from December 2020.

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Average Layers During the Month – United States: 2021-2022

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

Month	2021		2022	
	(1,000 layers)		(1,000 layers)	
December ¹		391,780		392,251
January		393,284		
February		393,963		
March		393,176		
April		390,020		
May		385,575		
June		384,240		
July		384,930		
August		384,961		
September		386,322		
October		389,611		
November		392,167		

¹ December previous year.

Egg Production During the Month by Type – United States: 2021-2022

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

Month	Total eggs		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,610.3	9,663.5	8,356.4	8,379.9	1,253.9	1,283.6
January	9,530.9		8,260.7		1,270.2	
February	8,595.5		7,439.5		1,156.0	
March	9,543.1		8,248.1		1,295.0	
April	9,209.8		7,942.7		1,267.1	
May	9,383.3		8,065.5		1,317.8	
June	9,046.0		7,780.8		1,265.2	
July	9,383.6		8,101.9		1,281.7	
August	9,413.4		8,135.0		1,278.4	
September	9,189.4		7,945.2		1,244.2	
October	9,605.3		8,319.7		1,285.6	
November	9,365.6		8,122.3		1,243.3	

¹ December previous year.

Egg Production During the Month in Dozens by Type – United States: 2021-2022

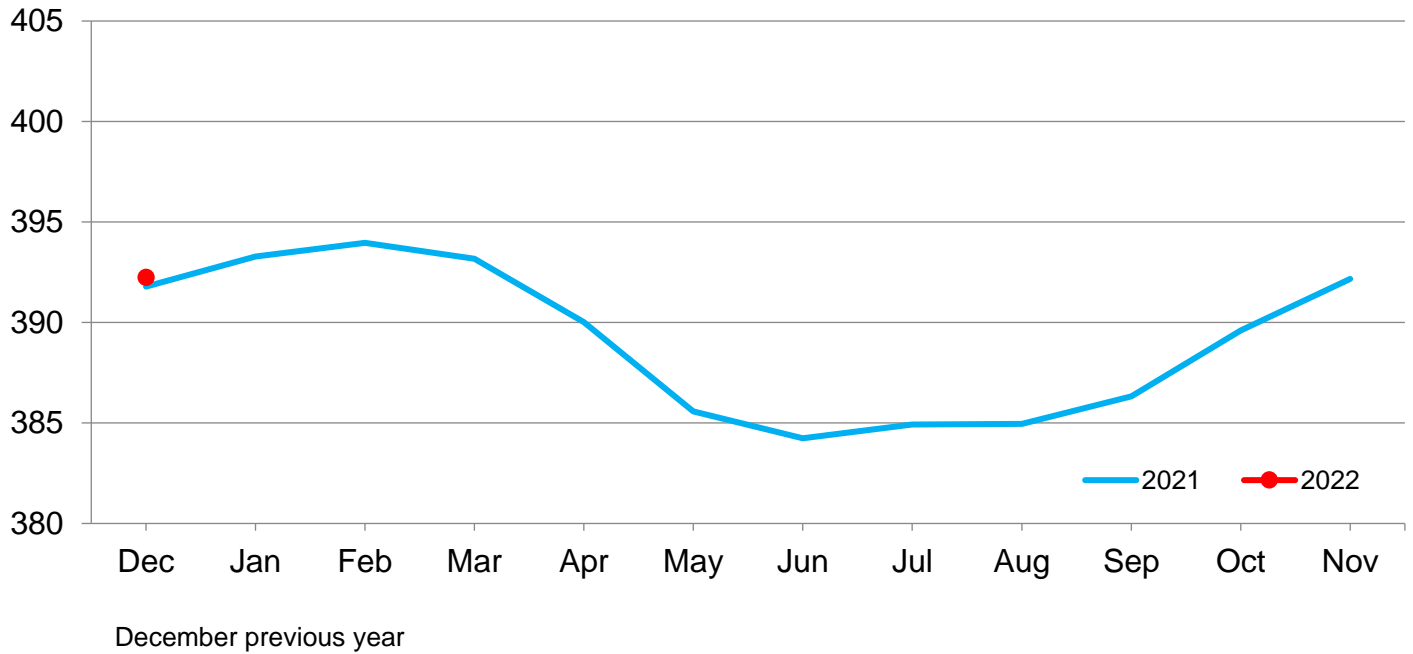
[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(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	800,858.2	805,291.2	696,366.6	698,324.8	104,491.6	106,966.4
January	794,241.9		688,391.7		105,850.2	
February	716,292.5		619,959.1		96,333.4	
March	795,258.6		687,341.9		107,916.7	
April	767,483.9		661,891.7		105,592.2	
May	781,941.5		672,124.7		109,816.8	
June	753,833.5		648,400.1		105,433.4	
July	781,966.8		675,158.6		106,808.2	
August	784,449.6		677,916.4		106,533.2	
September	765,783.2		662,099.9		103,683.3	
October	800,442.0		693,308.6		107,133.4	
November	780,467.1		676,858.7		103,608.4	

¹ December previous year.

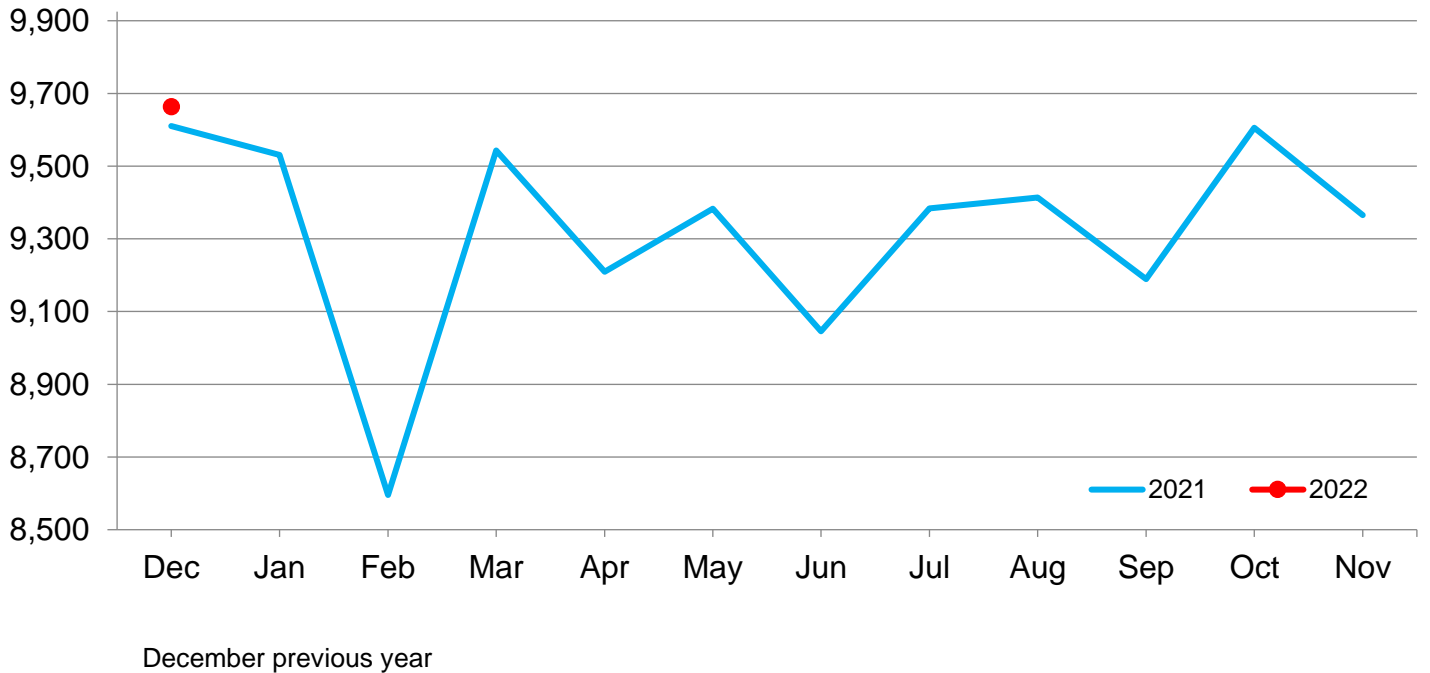
Average Layers During the Month – United States

Million layers



Total Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:
November-December 2020 and 2021**

Item	2020	2021	2021 as percent of 2020
Layers during November			
Total layers 1,000	389,355	392,167	101
Table egg type 1,000	325,445	327,167	101
Hatching egg type 1,000	63,910	65,000	102
Broiler-type hatching 1,000	60,681	61,972	102
Egg-type hatching 1,000	3,229	3,028	94
Eggs per 100 layers during November			
Total layers number	2,396	2,388	100
Table egg type number	2,495	2,483	100
Hatching egg type number	1,890	1,913	101
Broiler-type hatching number	1,860	1,887	101
Egg-type hatching number	2,447	2,441	100
Eggs produced during November			
Total layers million	9,327.0	9,365.6	100
Table egg type million	8,119.4	8,122.3	100
Hatching egg type million	1,207.6	1,243.3	103
Broiler-type hatching million	1,128.6	1,169.4	104
Egg-type hatching million	79.0	73.9	94
Eggs produced during November			
Total layers 1,000 dozen	777,250.0	780,467.1	100
Table egg type 1,000 dozen	676,616.6	676,858.7	100
Hatching egg type 1,000 dozen	100,633.4	103,608.4	103
Broiler-type hatching 1,000 dozen	94,050.0	97,450.0	104
Egg-type hatching 1,000 dozen	6,583.4	6,158.4	94
Layers on December 1			
Total layers 1,000	391,010	392,773	100
Table egg type 1,000	326,906	327,638	100
Hatching egg type 1,000	64,104	65,135	102
Broiler-type hatching 1,000	60,793	62,136	102
Egg-type hatching 1,000	3,311	2,999	91
Eggs per 100 layers on December 1			
Total layers number	79.9	79.7	100
Table egg type number	83.2	82.8	100
Hatching egg type number	63.2	63.7	101
Broiler-type hatching number	62.1	62.8	101
Egg-type hatching number	82.3	83.1	101
Molted layers on December 1			
Being molted percent	1.1	0.9	82
Molt completed percent	14.9	13.2	89
Layers sold for slaughter during November 1,000	12,880.2	12,974.8	101
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	9,765.9	11,165.3	114
Pullets on December 1 1,000	119,898	123,630	103
Pullets added during November ¹ 1,000	27,406.1	27,388.8	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 2020-2022

Item	2020	2021	2021 as percent of 2020
Layers during December			
All layers1,000	391,780	392,251	100
Table egg type1,000	326,897	326,858	100
Hatching egg type1,000	64,883	65,393	101
Broiler-type hatching1,000	61,536	62,375	101
Egg-type hatching1,000	3,347	3,018	90
Eggs per 100 layers during December			
All layersnumber	2,453	2,464	100
Table egg typenumber	2,556	2,564	100
Hatching egg typenumber	1,933	1,963	102
Broiler-type hatchingnumber	1,895	1,933	102
Egg-type hatchingnumber	2,626	2,591	99
Eggs produced during December			
All layers million	9,610.3	9,663.5	101
Table egg type million	8,356.4	8,379.9	100
Hatching egg type million	1,253.9	1,283.6	102
Broiler-type hatching million	1,166.0	1,205.4	103
Egg-type hatching million	87.9	78.2	89
Eggs produced during December			
All layers 1,000 dozen	800,858.2	805,291.2	101
Table egg type 1,000 dozen	696,366.6	698,324.8	100
Hatching egg type 1,000 dozen	104,491.6	106,966.4	102
Broiler-type hatching 1,000 dozen	97,166.5	100,449.8	103
Egg-type hatching 1,000 dozen	7,325.1	6,516.6	89
	2021	2022	2022 as percent of 2021
Layers on January 1			
All layers1,000	392,509	391,690	100
Table egg type1,000	326,868	326,061	100
Hatching egg type1,000	65,641	65,629	100
Broiler-type hatching1,000	62,270	62,603	101
Egg-type hatching1,000	3,371	3,026	90
Eggs per 100 layers on January 1			
All layersnumber	78.2	79.2	101
Table egg typenumber	81.5	82.5	101
Hatching egg typenumber	62.0	62.9	101
Broiler-type hatchingnumber	60.7	61.9	102
Egg-type hatchingnumber	86.2	83.6	97
Molted layers on January 1			
Percent being moltedpercent	2.2	0.9	41
Percent with molt completedpercent	14.0	12.4	89
Layers sold for slaughter during December1,000	13,311	13,812	104
Layers rendered, died, destroyed, composted or disappeared for any reason during December1,000	10,453	12,812	123
Pullets on January 11,000	121,790	121,846	100
Pullets added during December ¹1,000	28,641	25,563	89

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

Layers on Hand and Eggs Produced – States and United States: During November 2020 and 2021

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2020	2021	2020	2021	2020	2021
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,442	1,430	10,390	10,731	1,917	1,908
Arkansas	(D)	(D)	16,377	16,442	2,020	2,170
California	13,258	13,336	13,956	13,961	2,382	2,324
Colorado	4,919	4,426	5,427	4,934	2,504	2,438
Georgia	9,873	9,644	20,074	20,053	2,175	2,152
Illinois	6,622	6,558	7,175	7,117	2,456	2,275
Indiana	34,031	34,587	35,369	35,857	2,483	2,477
Iowa	46,124	47,528	47,993	49,382	2,557	2,548
Kentucky	(D)	(D)	5,872	5,400	2,274	2,230
Maryland	2,371	2,167	2,584	2,373	2,465	2,448
Michigan	14,476	15,422	14,771	15,730	2,495	2,491
Minnesota	7,735	7,800	8,238	8,334	2,598	2,419
Mississippi	(D)	(D)	5,359	5,552	2,081	2,039
Missouri	7,719	7,166	13,158	12,885	2,482	2,429
Nebraska	7,283	7,563	7,847	8,211	2,535	2,416
New York	5,267	5,174	5,833	5,742	2,532	2,503
North Carolina	7,651	7,428	15,842	15,709	2,182	2,105
Ohio	33,290	35,066	34,503	36,405	2,516	2,453
Oklahoma	(D)	(D)	2,543	2,420	1,872	1,963
Oregon	1,950	1,918	2,121	2,089	2,593	2,652
Pennsylvania	27,646	27,806	30,129	30,231	2,447	2,577
South Carolina	2,457	2,390	3,729	3,645	2,143	2,255
South Dakota	2,575	1,983	2,630	2,038	2,540	2,581
Texas	(D)	(D)	23,596	23,693	2,352	2,352
Utah	4,959	6,091	5,011	6,143	2,570	2,492
Virginia	896	793	2,707	2,526	2,324	2,260
Washington	6,657	6,407	6,822	6,571	2,394	2,517
Wisconsin	6,811	6,127	7,922	7,261	2,378	2,476
Other States ¹	25,409	24,668	31,377	30,732	2,382	2,362
United States	309,418	310,801	389,355	392,167	2,396	2,388

(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 2020 and 2021

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2020	2021	2020	2021	2020	2021
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,394	1,403	10,474	10,814	1,973	1,983
Arkansas	(D)	(D)	16,456	16,557	2,067	2,192
California	13,540	13,014	14,265	13,623	2,451	2,368
Colorado	5,079	4,358	5,587	4,876	2,565	2,557
Georgia	9,820	9,357	20,122	19,731	2,204	2,224
Illinois	6,267	6,428	6,821	6,983	2,533	2,314
Indiana	33,953	34,163	35,321	35,418	2,549	2,513
Iowa	46,770	47,385	48,719	49,256	2,621	2,612
Kentucky	(D)	(D)	5,923	5,505	2,279	2,307
Maryland	2,376	2,128	2,579	2,327	2,555	2,514
Michigan	14,349	15,267	14,644	15,587	2,570	2,537
Minnesota	7,591	7,933	8,094	8,469	2,649	2,490
Mississippi	(D)	(D)	5,484	5,619	2,102	2,137
Missouri	7,776	7,206	13,505	13,064	2,528	2,534
Nebraska	7,329	7,604	7,927	8,222	2,562	2,487
New York	5,303	5,214	5,871	5,785	2,546	2,589
North Carolina	7,758	7,471	15,992	15,803	2,268	2,182
Ohio	33,472	35,437	34,691	36,762	2,555	2,538
Oklahoma	(D)	(D)	2,587	2,424	1,971	2,054
Oregon	1,983	1,937	2,154	2,108	2,572	2,666
Pennsylvania	28,423	27,693	30,859	30,129	2,506	2,674
South Carolina	2,487	2,533	3,762	3,757	2,241	2,361
South Dakota	2,547	1,877	2,602	1,932	2,629	2,567
Texas	(D)	(D)	23,664	23,627	2,420	2,480
Utah	5,092	6,163	5,144	6,215	2,582	2,679
Virginia	840	787	2,716	2,542	2,323	2,419
Washington	6,574	6,569	6,739	6,733	2,585	2,647
Wisconsin	6,606	6,085	7,747	7,210	2,451	2,538
Other States ¹	25,237	25,056	31,331	31,173	2,433	2,442
United States	310,531	310,309	391,780	392,251	2,453	2,464

(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 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	199.2	204.8	38.1	38.1	161.1	166.7
Arkansas	330.8	356.8	(D)	(D)	(D)	(D)
California	332.5	324.5	(D)	(D)	(D)	(D)
Colorado	135.9	120.3	(D)	(D)	(D)	(D)
Georgia	436.6	431.5	245.7	240.1	190.9	191.4
Illinois	176.2	161.9	172.4	158.0	3.8	3.9
Indiana	878.1	888.2	861.2	872.8	16.9	15.4
Iowa	1,227.0	1,258.4	1,207.6	1,239.6	19.4	18.8
Kentucky	133.5	120.4	(D)	(D)	(D)	(D)
Maryland	63.7	58.1	62.1	56.6	1.6	1.5
Michigan	368.6	391.9	(D)	(D)	(D)	(D)
Minnesota	214.0	201.6	207.4	193.9	6.6	7.7
Mississippi	111.5	113.2	(D)	(D)	(D)	(D)
Missouri	326.6	313.0	289.5	274.7	37.1	38.3
Nebraska	198.9	198.4	189.1	186.6	9.8	11.8
New York	147.7	143.7	(D)	(D)	(D)	(D)
North Carolina	345.7	330.6	193.0	176.9	152.7	153.7
Ohio	868.1	892.9	(D)	(D)	(D)	(D)
Oklahoma	47.6	47.5	(D)	(D)	(D)	(D)
Oregon	55.0	55.4	55.0	55.4	-	-
Pennsylvania	737.3	779.0	709.6	754.1	27.7	24.9
South Carolina	79.9	82.2	57.0	59.8	22.9	22.4
South Dakota	66.8	52.6	66.8	52.6	-	-
Texas	554.9	557.3	(D)	(D)	(D)	(D)
Utah	128.8	153.1	128.8	153.1	-	-
Virginia	62.9	57.1	32.2	28.7	30.7	28.4
Washington	163.3	165.4	(D)	(D)	(D)	(D)
Wisconsin	188.4	179.8	183.5	174.0	4.9	5.8
Other States ¹	747.5	726.0	675.4	653.2	72.1	72.8
United States	9,327.0	9,365.6	8,119.4	8,122.3	1,207.6	1,243.3

- 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 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	206.7	214.4	38.0	40.6	168.7	173.8
Arkansas	340.2	363.0	(D)	(D)	(D)	(D)
California	349.7	322.6	(D)	(D)	(D)	(D)
Colorado	143.3	124.7	(D)	(D)	(D)	(D)
Georgia	443.5	438.8	249.5	242.6	194.0	196.2
Illinois	172.8	161.6	169.0	157.8	3.8	3.8
Indiana	900.3	890.0	881.4	873.8	18.9	16.2
Iowa	1,276.7	1,286.5	1,253.5	1,266.1	23.2	20.4
Kentucky	135.0	127.0	(D)	(D)	(D)	(D)
Maryland	65.9	58.5	64.3	56.9	1.6	1.6
Michigan	376.3	395.5	(D)	(D)	(D)	(D)
Minnesota	214.4	210.9	207.6	203.4	6.8	7.5
Mississippi	115.3	120.1	(D)	(D)	(D)	(D)
Missouri	341.4	331.0	301.2	289.9	40.2	41.1
Nebraska	203.1	204.5	192.3	193.4	10.8	11.1
New York	149.5	149.8	(D)	(D)	(D)	(D)
North Carolina	362.7	344.9	205.6	184.3	157.1	160.6
Ohio	886.2	933.0	(D)	(D)	(D)	(D)
Oklahoma	51.0	49.8	(D)	(D)	(D)	(D)
Oregon	55.4	56.2	55.4	56.2	-	-
Pennsylvania	773.3	805.8	746.3	779.8	27.0	26.0
South Carolina	84.3	88.7	61.4	66.0	22.9	22.7
South Dakota	68.4	49.6	68.4	49.6	-	-
Texas	572.6	586.0	(D)	(D)	(D)	(D)
Utah	132.8	166.5	132.8	166.5	-	-
Virginia	63.1	61.5	31.7	31.4	31.4	30.1
Washington	174.2	178.2	(D)	(D)	(D)	(D)
Wisconsin	189.9	183.0	184.4	177.0	5.5	6.0
Other States ¹	762.3	761.4	688.3	685.6	74.0	75.8
United States	9,610.3	9,663.5	8,356.4	8,379.9	1,253.9	1,283.6

- 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: November 2020 and 2021

[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	
	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)
Alabama	16,600.0	17,066.7	3,175.0	3,175.0	13,425.0	13,891.7
Arkansas	27,566.6	29,733.3	(D)	(D)	(D)	(D)
California	27,708.4	27,041.6	(D)	(D)	(D)	(D)
Colorado	11,325.1	10,025.0	(D)	(D)	(D)	(D)
Georgia	36,383.4	35,958.3	20,475.0	20,008.3	15,908.4	15,950.0
Illinois	14,683.3	13,491.7	14,366.6	13,166.7	316.7	325.0
Indiana	73,174.9	74,016.6	71,766.6	72,733.3	1,408.3	1,283.3
Iowa	102,249.9	104,866.7	100,633.3	103,300.0	1,616.6	1,566.7
Kentucky	11,125.0	10,033.4	(D)	(D)	(D)	(D)
Maryland	5,308.4	4,841.6	5,175.0	4,716.6	133.4	125.0
Michigan	30,716.6	32,658.4	(D)	(D)	(D)	(D)
Minnesota	17,833.4	16,800.0	17,283.4	16,158.4	550.0	641.6
Mississippi	9,291.7	9,433.4	(D)	(D)	(D)	(D)
Missouri	27,216.7	26,083.4	24,125.0	22,891.7	3,091.7	3,191.7
Nebraska	16,574.9	16,533.3	15,758.3	15,550.0	816.6	983.3
New York	12,308.3	11,975.0	(D)	(D)	(D)	(D)
North Carolina	28,808.3	27,550.0	16,083.3	14,741.7	12,725.0	12,808.3
Ohio	72,341.6	74,408.3	(D)	(D)	(D)	(D)
Oklahoma	3,966.7	3,958.3	(D)	(D)	(D)	(D)
Oregon	4,583.4	4,616.7	4,583.4	4,616.7	-	-
Pennsylvania	61,441.6	64,916.7	59,133.3	62,841.7	2,308.3	2,075.0
South Carolina	6,658.3	6,850.0	4,750.0	4,983.3	1,908.3	1,866.7
South Dakota	5,566.7	4,383.4	5,566.7	4,383.4	-	-
Texas	46,241.7	46,441.7	(D)	(D)	(D)	(D)
Utah	10,733.3	12,758.3	10,733.3	12,758.3	-	-
Virginia	5,241.6	4,758.4	2,683.3	2,391.7	2,558.3	2,366.7
Washington	13,608.3	13,783.4	(D)	(D)	(D)	(D)
Wisconsin	15,700.0	14,983.3	15,291.7	14,500.0	408.3	483.3
Other States ¹	62,291.9	60,500.2	56,283.5	54,433.5	6,008.4	6,066.7
United States	777,250.0	780,467.1	676,616.6	676,858.7	100,633.4	103,608.4

- 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: December 2020 and 2021

[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	
	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)
Alabama	17,225.0	17,866.6	3,166.7	3,383.3	14,058.3	14,483.3
Arkansas	28,350.0	30,250.0	(D)	(D)	(D)	(D)
California	29,141.6	26,883.3	(D)	(D)	(D)	(D)
Colorado	11,941.6	10,391.6	(D)	(D)	(D)	(D)
Georgia	36,958.3	36,566.7	20,791.7	20,216.7	16,166.6	16,350.0
Illinois	14,400.0	13,466.7	14,083.3	13,150.0	316.7	316.7
Indiana	75,025.0	74,166.7	73,450.0	72,816.7	1,575.0	1,350.0
Iowa	106,391.7	107,208.4	104,458.3	105,508.4	1,933.4	1,700.0
Kentucky	11,250.0	10,583.4	(D)	(D)	(D)	(D)
Maryland	5,491.7	4,874.9	5,358.4	4,741.6	133.3	133.3
Michigan	31,358.3	32,958.3	(D)	(D)	(D)	(D)
Minnesota	17,866.6	17,575.0	17,300.0	16,950.0	566.6	625.0
Mississippi	9,608.4	10,008.2	(D)	(D)	(D)	(D)
Missouri	28,450.0	27,583.3	25,100.0	24,158.3	3,350.0	3,425.0
Nebraska	16,925.0	17,041.6	16,025.0	16,116.6	900.0	925.0
New York	12,458.3	12,483.3	(D)	(D)	(D)	(D)
North Carolina	30,225.1	28,741.7	17,133.4	15,358.4	13,091.7	13,383.3
Ohio	73,850.0	77,750.0	(D)	(D)	(D)	(D)
Oklahoma	4,250.0	4,150.0	(D)	(D)	(D)	(D)
Oregon	4,616.7	4,683.3	4,616.7	4,683.3	-	-
Pennsylvania	64,441.7	67,150.0	62,191.7	64,983.3	2,250.0	2,166.7
South Carolina	7,025.0	7,391.7	5,116.7	5,500.0	1,908.3	1,891.7
South Dakota	5,700.0	4,133.4	5,700.0	4,133.4	-	-
Texas	47,716.6	48,833.3	(D)	(D)	(D)	(D)
Utah	11,066.6	13,875.0	11,066.6	13,875.0	-	-
Virginia	5,258.3	5,124.9	2,641.6	2,616.6	2,616.7	2,508.3
Washington	14,516.7	14,850.0	(D)	(D)	(D)	(D)
Wisconsin	15,824.9	15,250.0	15,366.6	14,750.0	458.3	500.0
Other States ¹	63,525.1	63,449.9	57,358.4	57,133.3	6,166.7	6,316.6
United States	800,858.2	805,291.2	696,366.6	698,324.8	104,491.6	106,966.4

- 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: 2021-2022

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

Month	Being molted		Molt completed	
	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)
January	2.2	0.9	14.0	12.4
February	1.8		14.4	
March	1.6		14.7	
April	1.4		14.1	
May	2.5		12.8	
June	2.3		12.8	
July	2.0		13.5	
August	2.0		13.2	
September	1.8		13.6	
October	1.9		13.9	
November	1.5		13.7	
December	0.9		13.2	

Total Layers Molted First Day of the Month – States and United States: December 1 and January 1, 2020-2022

State	Being molted				Molt completed			
	December 1		January 1		December 1		January 1	
	2020	2021	2021	2022	2020	2021	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	0.5	0.5	6.0	4.5	4.5	5.0
Arkansas	1.0	1.0	1.0	1.0	14.0	11.0	14.5	9.0
California	1.5	-	2.5	-	7.5	6.5	7.5	3.0
Colorado	2.0	2.0	-	1.5	5.5	13.0	6.0	10.5
Georgia	-	1.0	2.0	1.5	13.0	12.0	12.0	10.5
Illinois	3.0	1.5	-	-	2.5	5.5	5.5	6.5
Indiana	1.0	0.5	2.0	1.0	12.5	11.0	12.5	10.5
Iowa	1.0	0.5	1.0	1.5	14.0	10.5	13.5	10.0
Kentucky	1.5	0.5	3.0	0.5	7.5	2.0	9.0	2.0
Maryland	-	-	-	1.5	-	-	-	-
Michigan	0.5	1.0	2.0	0.5	3.0	2.5	1.5	2.0
Minnesota	-	1.0	-	1.0	20.5	8.0	15.5	7.0
Mississippi	1.0	3.0	-	1.5	21.5	18.0	17.0	20.5
Missouri	-	0.5	4.0	0.5	6.5	6.5	6.0	4.0
Nebraska	-	-	-	-	30.5	3.0	22.5	2.5
New York	-	-	2.5	1.5	1.0	1.5	0.5	1.0
North Carolina	-	0.5	2.0	-	9.5	12.0	9.0	11.0
Ohio	1.5	1.0	3.0	1.0	19.0	13.5	15.5	13.5
Oklahoma	-	-	-	-	26.5	16.0	21.5	15.5
Oregon	-	-	-	-	-	1.5	-	1.0
Pennsylvania	3.5	2.0	5.5	0.5	4.5	2.0	4.5	1.5
South Carolina	-	-	3.0	-	20.0	21.5	21.0	13.0
South Dakota	-	2.0	-	-	1.5	4.0	-	5.5
Texas	1.5	1.0	3.5	0.5	46.5	58.5	47.5	56.5
Utah	-	1.0	4.0	4.0	24.0	33.5	20.0	31.5
Virginia	-	-	-	-	-	-	-	-
Washington	4.5	1.5	-	1.5	11.5	9.0	13.0	8.0
Wisconsin	-	-	-	-	22.5	9.5	23.5	9.5
Other States ¹	1.0	1.7	3.2	1.7	23.3	22.2	21.8	21.7
United States	1.1	0.9	2.2	0.9	14.9	13.2	14.0	12.4

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2021 and 2022

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on January 1	50,735	46,513	92
Chicks hatched during December	51,765	47,306	91
Chicks hatched January through December	622,969	623,660	100
Pullets hatched during December for intended placements:			
Hatchery supply flocks	461	214	46
Cumulative potential placements 7-18 months earlier ¹	3,249	3,445	106
Broiler-type			
Eggs in incubators on January 1	712,232	712,352	100
Chicks hatched during December	848,536	846,240	100
Chicks hatched January through December	9,871,693	9,887,907	100
Pullets hatched during December for intended placements:			
Hatchery supply flocks	7,801	8,790	113
Cumulative potential placements 7-15 months earlier ²	73,427	74,767	102

¹ 2022 includes pullet chicks hatched June 2020 through May 2021.

² 2022 includes pullet chicks hatched September 2020 through May 2021.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2021-2022

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

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
January	50,735	46,513	92
February	53,521		
March	59,970		
April	55,684		
May	53,802		
June	51,073		
July	50,532		
August	44,203		
September	44,634		
October	46,226		
November	45,806		
December	48,107		

Egg-Type Chicks Hatched by Month – United States: 2020-2021

Month	Monthly			Cumulative		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	52,727	50,882	97	52,727	50,882	97
February	48,148	52,273	109	100,875	103,155	102
March	56,212	62,319	111	157,087	165,474	105
April	61,015	59,877	98	218,102	225,351	103
May	52,790	57,332	109	270,892	282,683	104
June	55,537	53,799	97	326,429	336,482	103
July	46,140	50,284	109	372,569	386,766	104
August	50,007	49,005	98	422,576	435,771	103
September	49,989	49,236	98	472,565	485,007	103
October	50,597	45,629	90	523,162	530,636	101
November	48,042	45,718	95	571,204	576,354	101
December	51,765	47,306	91	622,969	623,660	100

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2020-2022

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

Month	Pullet chicks hatched		2021 as percent of 2020	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2020	2021		2021	2022
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	265	279	105	3,352	3,360
February	482	202	42	3,391	3,265
March	322	327	102	3,567	3,225
April	243	266	109	3,482	3,313
May	233	306	131	3,480	3,368
June	373	288	77	3,451	3,403
July	294	199	68	3,610	3,156
August	370	330	89	3,624	
September	201	289	144	3,344	
October	197	252	128	3,349	
November	169	204	121	3,372	
December	461	214	46	3,445	
Annual total	3,610	3,156	87		

¹ For December 2021, includes breeder pullet chicks hatched June 2020 through May 2021. 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: 2021-2022

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

Item	2021	2022	2022 as percent of 2021
	(1,000)	(1,000)	(percent)
January	712,232	712,352	100
February	703,515		
March	710,502		
April	717,361		
May	717,718		
June	720,441		
July	714,769		
August	715,722		
September	709,848		
October	693,894		
November	702,903		
December	723,999		

Broiler-Type Chicks Hatched – States and United States: December 2020 and 2021

State	During December			January-December		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	119,511	120,672	101	1,394,529	1,396,014	100
Arkansas	86,233	87,515	101	993,814	1,003,966	101
Delaware	16,950	17,612	104	201,036	196,755	98
Florida	4,300	4,372	102	51,033	50,023	98
Georgia	122,183	121,385	99	1,442,566	1,411,822	98
Kentucky	26,751	20,888	78	316,098	309,775	98
Louisiana	12,012	11,511	96	143,733	136,538	95
Maryland	27,762	28,614	103	339,935	336,021	99
Mississippi	65,468	61,398	94	756,885	731,451	97
Missouri	33,349	34,545	104	381,376	395,531	104
North Carolina	87,868	89,966	102	1,022,821	1,039,378	102
Oklahoma	24,288	25,872	107	300,126	293,662	98
Pennsylvania	23,267	25,063	108	269,798	279,181	103
South Carolina	19,817	17,883	90	235,050	232,746	99
Texas	65,931	65,282	99	746,352	752,203	101
Virginia	24,132	23,904	99	267,130	276,956	104
California, Tennessee, and West Virginia	45,248	46,382	103	525,187	529,100	101
Other States ²	43,466	43,376	100	484,224	516,785	107
United States	848,536	846,240	100	9,871,693	9,887,907	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: 2020-2021

Month	Monthly			Cumulative		
	2020	2021	2021 as percent of 2020	2020	2021	2021 as percent of 2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	860,517	849,965	99	860,517	849,965	99
February	806,947	759,210	94	1,667,464	1,609,175	97
March	861,074	841,946	98	2,528,538	2,451,121	97
April	771,589	821,223	106	3,300,127	3,272,344	99
May	807,648	850,810	105	4,107,775	4,123,154	100
June	828,490	823,588	99	4,936,265	4,946,742	100
July	850,772	844,228	99	5,787,037	5,790,970	100
August	837,852	840,461	100	6,624,889	6,631,431	100
September	809,563	801,003	99	7,434,452	7,432,434	100
October	805,553	810,633	101	8,240,005	8,243,067	100
November	783,152	798,600	102	9,023,157	9,041,667	100
December	848,536	846,240	100	9,871,693	9,887,907	100

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2020-2022

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

Month	Pullet chicks hatched		2021 as percent of 2020	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2020	2021		2021	2022
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	7,482	8,095	108	72,886	74,605
February	8,135	8,245	101	73,590	75,156
March	8,547	8,232	96	73,660	76,097
April	8,161	8,110	99	74,741	77,914
May	8,188	8,708	106	75,331	78,385
June	8,074	9,546	118	74,992	78,126
July	8,235	8,623	105	74,246	78,684
August	8,211	8,737	106	74,180	
September	9,708	9,618	99	74,237	
October	8,072	8,566	106	74,395	
November	7,796	7,986	102	74,270	
December	7,801	8,790	113	74,767	
Annual total	98,410	103,256	105		
Total placements ²					
January	9,022	9,811	109		
February	9,581	9,954	104		
March	10,183	9,996	98		
April	9,700	9,908	102		
May	9,860	10,148	103		
June	9,713	11,179	115		
July	9,726	10,079	104		
August	9,902	10,585	107		
September	11,729	11,250	96		
October	9,975	10,401	104		
November	9,324	9,226	99		
December	9,177	10,319	112		
Annual total	117,892	122,856	104		

¹ For December 2021, includes breeder pullet chicks hatched September 2020 through May 2021.

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 0.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 392 million layers by more than 0.2 percent. Chances are 9 out of 10 that the difference will not exceed 0.4 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) 0.2	(percent) 0.4	(1,000) 578	(1,000) 29	(1,000) 2,273	(number) 18	(number) 6
Eggs	0.2	0.4	(million) 17	(million) 0	(million) 65	17	7

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

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Jean Porter, 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) 720-3244
Derron Martin – Chicken Hatchery, Egg Products.....	(202) 690-3237
Seth Riggins – Honey, Honey Bee Colonies	(202) 690-4870
Autumn Stone – Layers, Eggs	(202) 690-3676
Takiyah Walker – Broiler Hatchery.....	(202) 720-6147

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