



Chickens and Eggs

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November Egg Production Up Slightly

United States egg production totaled 9.37 billion during November 2021, up slightly from last year. Production included 8.13 billion table eggs, and 1.24 billion hatching eggs, of which 1.17 billion were broiler-type and 73.8 million were egg-type. The average number of layers during November 2021 totaled 392 million, up 1 percent from last year. November egg production per 100 layers was 2,390 eggs, down slightly from November 2020.

Total layers in the United States on December 1, 2021 totaled 393 million, up slightly from last year. The 393 million layers consisted of 328 million layers producing table or market type eggs, 61.9 million layers producing broiler-type hatching eggs, and 2.97 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2021, averaged 79.8 eggs per 100 layers, down slightly from December 1, 2020.

Egg-Type Chicks Hatched Down 5 Percent

Egg-type chicks hatched during November 2021 totaled 45.8 million, down 5 percent from November 2020. Eggs in incubators totaled 48.4 million on December 1, 2021, down 9 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 204 thousand during November 2021, up 21 percent from November 2020.

Broiler-Type Chicks Hatched Up 2 Percent

Broiler-type chicks hatched during November 2021 totaled 799 million, up 2 percent from November 2020. Eggs in incubators totaled 722 million on December 1, 2021, up 2 percent from a year ago.

Leading breeders placed 7.99 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2021, up 2 percent from November 2020.

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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	403,445	391,780
January	401,419	393,284
February	396,916	393,963
March	395,613	393,176
April	392,770	390,020
May	387,045	385,575
June	383,152	384,240
July	381,014	384,930
August	382,184	384,961
September	384,655	386,322
October	386,660	389,611
November	389,355	392,138

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	9,790.2	9,610.3	8,583.4	8,356.4	1,206.8	1,253.9
January	9,690.4	9,530.9	8,470.3	8,260.7	1,220.1	1,270.2
February	8,946.0	8,595.5	7,793.0	7,439.5	1,153.0	1,156.0
March	9,538.5	9,543.1	8,299.5	8,248.1	1,239.0	1,295.0
April	9,096.4	9,209.8	7,894.5	7,942.7	1,201.9	1,267.1
May	9,120.9	9,383.3	7,883.3	8,065.5	1,237.6	1,317.8
June	8,831.8	9,046.0	7,625.8	7,780.8	1,206.0	1,265.2
July	9,317.2	9,383.6	8,063.5	8,101.9	1,253.7	1,281.7
August	9,352.5	9,413.4	8,096.8	8,135.0	1,255.7	1,278.4
September	9,057.2	9,189.4	7,838.1	7,945.2	1,219.1	1,244.2
October	9,505.2	9,605.3	8,250.4	8,319.7	1,254.8	1,285.6
November	9,327.0	9,370.3	8,119.4	8,129.2	1,207.6	1,241.1

¹ December previous year.

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

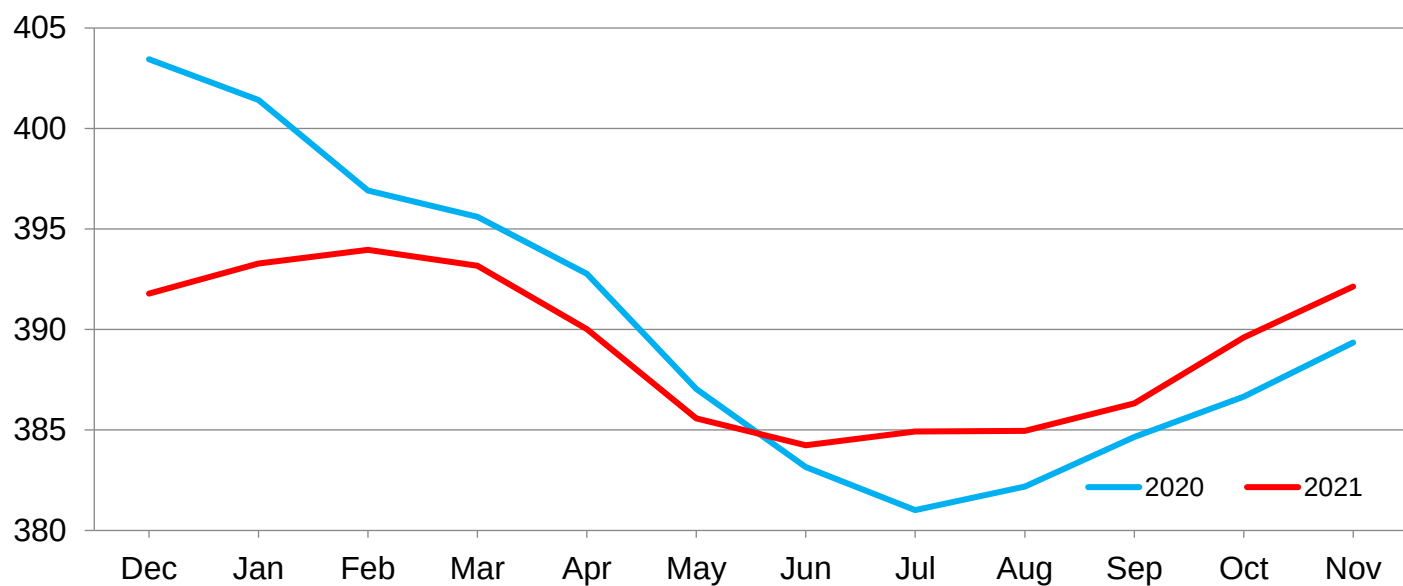
[Blank data cells indicate estimation period has not yet begun]

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	815,849.7	800,858.2	715,283.2	696,366.6	100,566.5	104,491.6
January	807,533.2	794,241.9	705,858.4	688,391.7	101,674.8	105,850.2
February	745,499.5	716,292.5	649,416.6	619,959.1	96,082.9	96,333.4
March	794,875.2	795,258.6	691,625.0	687,341.9	103,250.2	107,916.7
April	758,032.8	767,483.9	657,874.6	661,891.7	100,158.2	105,592.2
May	760,074.7	781,941.5	656,941.5	672,124.7	103,133.2	109,816.8
June	735,983.1	753,833.5	635,483.2	648,400.1	100,499.9	105,433.4
July	776,433.5	781,966.8	671,958.2	675,158.6	104,475.3	106,808.2
August	779,375.1	784,449.6	674,733.2	677,916.4	104,641.9	106,533.2
September	754,767.0	765,783.2	653,175.2	662,099.9	101,591.8	103,683.3
October	792,100.1	800,442.0	687,533.5	693,308.6	104,566.6	107,133.4
November	777,250.0	780,858.6	676,616.6	677,433.5	100,633.4	103,425.1

¹ December previous year.

Average Layers During the Month – United States

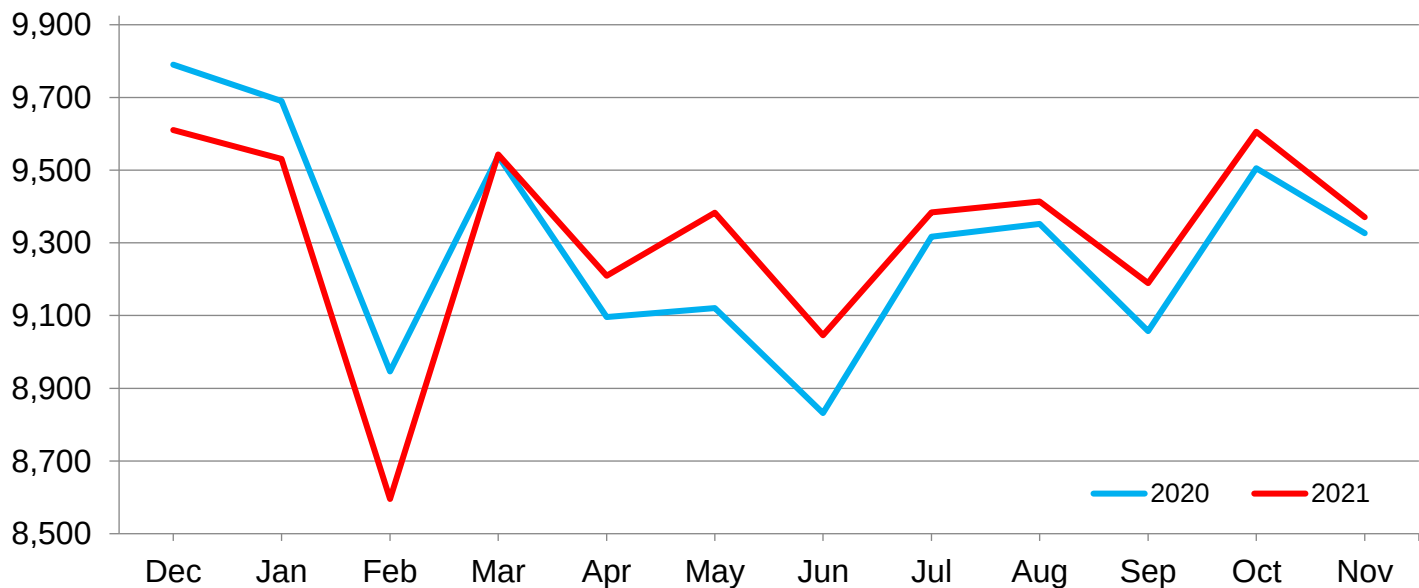
Million layers



December previous year

Total Egg Production During the Month – United States

Million eggs



December previous year

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

Item	2020	2021	2021 as percent of 2020
Layers during October			
Total layers1,000	386,660	389,611	101
Table egg type1,000	322,932	324,713	101
Hatching egg type1,000	63,728	64,898	102
Broiler-type hatching1,000	60,600	61,925	102
Egg-type hatching1,000	3,128	2,973	95
Eggs per 100 layers during October			
Total layersnumber	2,458	2,465	100
Table egg typenumber	2,555	2,562	100
Hatching egg typenumber	1,969	1,981	101
Broiler-type hatchingnumber	1,939	1,955	101
Egg-type hatchingnumber	2,551	2,519	99
Eggs produced during October			
Total layersmillion	9,505.2	9,605.3	101
Table egg typemillion	8,250.4	8,319.7	101
Hatching egg typemillion	1,254.8	1,285.6	102
Broiler-type hatchingmillion	1,175.0	1,210.7	103
Egg-type hatchingmillion	79.8	74.9	94
Eggs produced during October			
Total layers1,000 dozen	792,100.1	800,442.0	101
Table egg type1,000 dozen	687,533.5	693,308.6	101
Hatching egg type1,000 dozen	104,566.6	107,133.4	102
Broiler-type hatching1,000 dozen	97,916.7	100,891.7	103
Egg-type hatching1,000 dozen	6,649.9	6,241.7	94
Layers on November 1			
Total layers1,000	387,664	391,529	101
Table egg type1,000	323,965	326,684	101
Hatching egg type1,000	63,699	64,845	102
Broiler-type hatching1,000	60,560	61,795	102
Egg-type hatching1,000	3,139	3,050	97
Eggs per 100 layers on November 1			
Total layersnumber	79.7	79.5	100
Table egg typenumber	82.9	82.6	100
Hatching egg typenumber	63.3	63.8	101
Broiler-type hatchingnumber	62.5	63.0	101
Egg-type hatchingnumber	80.1	79.5	99
Molted layers on November 1			
Being moltedpercent	1.2	1.5	125
Molt completedpercent	15.4	13.7	89
Layers sold for slaughter during October1,000	14,338.6	12,351.4	86
Layers rendered, died, destroyed, composted or disappeared for any reason during October1,000	9,268.6	9,429.6	102
Pullets on November 11,000	119,967	123,468	103
Pullets added during October ¹1,000	27,485.7	26,730.2	97

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

**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 layers1,000	389,355	392,138	101
Table egg type1,000	325,445	327,259	101
Hatching egg type1,000	63,910	64,879	102
Broiler-type hatching1,000	60,681	61,864	102
Egg-type hatching1,000	3,229	3,015	93
Eggs per 100 layers during November			
Total layersnumber	2,396	2,390	100
Table egg typenumber	2,495	2,484	100
Hatching egg typenumber	1,890	1,913	101
Broiler-type hatchingnumber	1,860	1,887	101
Egg-type hatchingnumber	2,447	2,448	100
Eggs produced during November			
Total layersmillion	9,327.0	9,370.3	100
Table egg typemillion	8,119.4	8,129.2	100
Hatching egg typemillion	1,207.6	1,241.1	103
Broiler-type hatchingmillion	1,128.6	1,167.3	103
Egg-type hatchingmillion	79.0	73.8	93
Eggs produced during November			
Total layers1,000 dozen	777,250.0	780,858.6	100
Table egg type1,000 dozen	676,616.6	677,433.5	100
Hatching egg type1,000 dozen	100,633.4	103,425.1	103
Broiler-type hatching1,000 dozen	94,050.0	97,275.1	103
Egg-type hatching1,000 dozen	6,583.4	6,150.0	93
Layers on December 1			
Total layers1,000	391,010	392,713	100
Table egg type1,000	326,906	327,819	100
Hatching egg type1,000	64,104	64,894	101
Broiler-type hatching1,000	60,793	61,920	102
Egg-type hatching1,000	3,311	2,974	90
Eggs per 100 layers on December 1			
Total layersnumber	79.9	79.8	100
Table egg typenumber	83.2	82.9	100
Hatching egg typenumber	63.2	63.7	101
Broiler-type hatchingnumber	62.1	62.8	101
Egg-type hatchingnumber	82.3	83.8	102
Molted layers on December 1			
Being moltedpercent	1.1	1.2	109
Molt completedpercent	14.9	13.3	89
Layers sold for slaughter during November1,000	12,880.2	12,843.8	100
Layers rendered, died, destroyed, composted or disappeared for any reason during November1,000	9,765.9	11,055.4	113
Pullets on December 11,000	119,898	122,799	102
Pullets added during November ¹1,000	27,406.1	26,224.3	96

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

Layers on Hand and Eggs Produced – States and United States: During October 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	1,407	1,412	10,496	10,758	1,966	1,974
Arkansas	(D)	(D)	16,413	16,335	2,112	2,241
California	12,937	13,150	13,646	13,793	2,439	2,439
Colorado	4,771	4,346	5,279	4,854	2,605	2,499
Georgia	9,824	9,456	20,054	19,892	2,236	2,199
Illinois	6,627	6,465	7,196	7,023	2,439	2,448
Indiana	33,558	34,992	34,839	36,277	2,551	2,551
Iowa	45,815	47,215	47,643	49,090	2,625	2,620
Kentucky	(D)	(D)	5,957	5,415	2,337	2,303
Maryland	2,402	2,235	2,616	2,444	2,504	2,529
Michigan	14,465	15,450	14,760	15,745	2,593	2,594
Minnesota	7,773	7,795	8,265	8,349	2,701	2,546
Mississippi	(D)	(D)	5,246	5,425	2,213	2,122
Missouri	7,905	7,302	12,978	12,994	2,503	2,527
Nebraska	7,709	7,597	8,234	8,276	2,563	2,492
New York	5,233	5,169	5,790	5,726	2,613	2,592
North Carolina	7,101	6,991	15,384	15,197	2,260	2,208
Ohio	33,070	34,510	34,287	35,858	2,530	2,531
Oklahoma	(D)	(D)	2,600	2,442	1,873	1,974
Oregon	2,012	1,944	2,183	2,115	2,574	2,643
Pennsylvania	27,253	27,922	29,755	30,377	2,572	2,650
South Carolina	2,368	2,371	3,623	3,629	2,186	2,273
South Dakota	2,548	2,133	2,603	2,188	2,724	2,669
Texas	(D)	(D)	23,287	23,181	2,386	2,370
Utah	4,950	5,865	5,002	5,917	2,587	2,587
Virginia	903	698	2,653	2,443	2,326	2,260
Washington	6,537	6,392	6,702	6,556	2,537	2,628
Wisconsin	6,677	5,995	7,775	7,134	2,453	2,546
Other States ¹	25,536	24,168	31,394	30,178	2,426	2,444
United States	307,247	308,347	386,660	389,611	2,458	2,465

(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 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	10,604	1,917	1,912
Arkansas	(D)	(D)	16,377	16,396	2,020	2,180
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	20,139	2,175	2,151
Illinois	6,622	6,643	7,175	7,205	2,456	2,384
Indiana	34,031	34,587	35,369	35,859	2,483	2,477
Iowa	46,124	47,578	47,993	49,432	2,557	2,548
Kentucky	(D)	(D)	5,872	5,411	2,274	2,227
Maryland	2,371	2,167	2,584	2,373	2,465	2,448
Michigan	14,476	15,444	14,771	15,739	2,495	2,486
Minnesota	7,735	7,777	8,238	8,311	2,598	2,418
Mississippi	(D)	(D)	5,359	5,512	2,081	2,045
Missouri	7,719	7,166	13,158	12,885	2,482	2,420
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	7,429	15,842	15,713	2,182	2,117
Ohio	33,290	34,890	34,503	36,229	2,516	2,453
Oklahoma	(D)	(D)	2,543	2,384	1,872	1,992
Oregon	1,950	1,978	2,121	2,149	2,593	2,611
Pennsylvania	27,646	27,806	30,129	30,231	2,447	2,577
South Carolina	2,457	2,390	3,729	3,653	2,143	2,250
South Dakota	2,575	1,945	2,630	2,000	2,540	2,595
Texas	(D)	(D)	23,596	23,684	2,352	2,348
Utah	4,959	6,091	5,011	6,143	2,570	2,491
Virginia	896	793	2,707	2,537	2,324	2,255
Washington	6,657	6,543	6,822	6,707	2,394	2,460
Wisconsin	6,811	6,127	7,922	7,261	2,378	2,476
Other States ¹	25,409	24,643	31,377	30,733	2,382	2,362
United States	309,418	310,893	389,355	392,138	2,396	2,390

(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: October 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	206.3	212.4	37.2	38.7	169.1	173.7
Arkansas	346.6	366.0	(D)	(D)	(D)	(D)
California	332.8	336.4	(D)	(D)	(D)	(D)
Colorado	137.5	121.3	(D)	(D)	(D)	(D)
Georgia	448.5	437.5	250.5	237.6	198.0	199.9
Illinois	175.5	171.9	171.5	168.1	4.0	3.8
Indiana	888.9	925.4	872.4	910.1	16.5	15.3
Iowa	1,250.6	1,286.3	1,229.1	1,265.2	21.5	21.1
Kentucky	139.2	124.7	(D)	(D)	(D)	(D)
Maryland	65.5	61.8	63.9	60.3	1.6	1.5
Michigan	382.8	408.4	(D)	(D)	(D)	(D)
Minnesota	223.2	212.6	216.2	204.4	7.0	8.2
Mississippi	116.1	115.1	(D)	(D)	(D)	(D)
Missouri	324.9	328.3	287.8	289.5	37.1	38.8
Nebraska	211.0	206.2	201.2	193.5	9.8	12.7
New York	151.3	148.4	(D)	(D)	(D)	(D)
North Carolina	347.7	335.5	187.9	180.1	159.8	155.4
Ohio	867.5	907.7	(D)	(D)	(D)	(D)
Oklahoma	48.7	48.2	(D)	(D)	(D)	(D)
Oregon	56.2	55.9	56.2	55.9	-	-
Pennsylvania	765.2	805.1	735.9	778.8	29.3	26.3
South Carolina	79.2	82.5	55.8	59.7	23.4	22.8
South Dakota	70.9	58.4	70.9	58.4	-	-
Texas	555.6	549.5	(D)	(D)	(D)	(D)
Utah	129.4	153.1	129.4	153.1	-	-
Virginia	61.7	55.2	30.8	26.8	30.9	28.4
Washington	170.0	172.3	(D)	(D)	(D)	(D)
Wisconsin	190.7	181.6	185.4	175.5	5.3	6.1
Other States ¹	761.7	737.6	688.5	661.9	73.2	75.7
United States	9,505.2	9,605.3	8,250.4	8,319.7	1,254.8	1,285.6

- 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: 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	202.8	38.1	38.1	161.1	164.7
Arkansas	330.8	357.5	(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	433.1	245.7	240.1	190.9	193.0
Illinois	176.2	171.8	172.4	167.9	3.8	3.9
Indiana	878.1	888.1	861.2	872.8	16.9	15.3
Iowa	1,227.0	1,259.7	1,207.6	1,240.9	19.4	18.8
Kentucky	133.5	120.5	(D)	(D)	(D)	(D)
Maryland	63.7	58.1	62.1	56.6	1.6	1.5
Michigan	368.6	391.3	(D)	(D)	(D)	(D)
Minnesota	214.0	201.0	207.4	193.3	6.6	7.7
Mississippi	111.5	112.7	(D)	(D)	(D)	(D)
Missouri	326.6	311.8	289.5	274.7	37.1	37.1
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	332.6	193.0	179.1	152.7	153.5
Ohio	868.1	888.6	(D)	(D)	(D)	(D)
Oklahoma	47.6	47.5	(D)	(D)	(D)	(D)
Oregon	55.0	56.1	55.0	56.1	-	-
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	51.9	66.8	51.9	-	-
Texas	554.9	556.2	(D)	(D)	(D)	(D)
Utah	128.8	153.0	128.8	153.0	-	-
Virginia	62.9	57.2	32.2	28.7	30.7	28.5
Washington	163.3	165.0	(D)	(D)	(D)	(D)
Wisconsin	188.4	179.8	183.5	174.0	4.9	5.8
Other States ¹	747.5	725.9	675.4	652.6	72.1	73.3
United States	9,327.0	9,370.3	8,119.4	8,129.2	1,207.6	1,241.1

- 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: October 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	17,191.7	17,700.0	3,100.0	3,225.0	14,091.7	14,475.0
Arkansas	28,883.4	30,500.1	(D)	(D)	(D)	(D)
California	27,733.4	28,033.4	(D)	(D)	(D)	(D)
Colorado	11,458.3	10,108.3	(D)	(D)	(D)	(D)
Georgia	37,375.0	36,458.3	20,875.0	19,800.0	16,500.0	16,658.3
Illinois	14,625.0	14,325.0	14,291.7	14,008.3	333.3	316.7
Indiana	74,075.0	77,116.7	72,700.0	75,841.7	1,375.0	1,275.0
Iowa	104,216.6	107,191.7	102,425.0	105,433.3	1,791.6	1,758.4
Kentucky	11,599.9	10,391.7	(D)	(D)	(D)	(D)
Maryland	5,458.3	5,150.0	5,325.0	5,025.0	133.3	125.0
Michigan	31,900.0	34,033.3	(D)	(D)	(D)	(D)
Minnesota	18,600.0	17,716.7	18,016.6	17,033.3	583.4	683.4
Mississippi	9,675.0	9,591.6	(D)	(D)	(D)	(D)
Missouri	27,075.1	27,358.3	23,983.4	24,125.0	3,091.7	3,233.3
Nebraska	17,583.4	17,183.3	16,766.7	16,125.0	816.7	1,058.3
New York	12,608.3	12,366.7	(D)	(D)	(D)	(D)
North Carolina	28,975.0	27,958.4	15,658.3	15,008.4	13,316.7	12,950.0
Ohio	72,291.7	75,641.7	(D)	(D)	(D)	(D)
Oklahoma	4,058.3	4,016.7	(D)	(D)	(D)	(D)
Oregon	4,683.4	4,658.3	4,683.4	4,658.3	-	-
Pennsylvania	63,766.6	67,091.7	61,325.0	64,900.0	2,441.6	2,191.7
South Carolina	6,600.0	6,875.0	4,650.0	4,975.0	1,950.0	1,900.0
South Dakota	5,908.3	4,866.7	5,908.3	4,866.7	-	-
Texas	46,299.9	45,791.8	(D)	(D)	(D)	(D)
Utah	10,783.3	12,758.3	10,783.3	12,758.3	-	-
Virginia	5,141.7	4,599.9	2,566.7	2,233.3	2,575.0	2,366.6
Washington	14,166.7	14,358.3	(D)	(D)	(D)	(D)
Wisconsin	15,891.7	15,133.3	15,450.0	14,625.0	441.7	508.3
Other States ¹	63,475.1	61,466.8	57,375.1	55,158.4	6,100.0	6,308.4
United States	792,100.1	800,442.0	687,533.5	693,308.6	104,566.6	107,133.4

- 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 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	16,900.0	3,175.0	3,175.0	13,425.0	13,725.0
Arkansas	27,566.6	29,791.6	(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	36,091.7	20,475.0	20,008.3	15,908.4	16,083.4
Illinois	14,683.3	14,316.7	14,366.6	13,991.7	316.7	325.0
Indiana	73,174.9	74,008.3	71,766.6	72,733.3	1,408.3	1,275.0
Iowa	102,249.9	104,975.0	100,633.3	103,408.3	1,616.6	1,566.7
Kentucky	11,125.0	10,041.7	(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	32,608.3	(D)	(D)	(D)	(D)
Minnesota	17,833.4	16,750.0	17,283.4	16,108.4	550.0	641.6
Mississippi	9,291.7	9,391.7	(D)	(D)	(D)	(D)
Missouri	27,216.7	25,983.4	24,125.0	22,891.7	3,091.7	3,091.7
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	27,716.7	16,083.3	14,925.0	12,725.0	12,791.7
Ohio	72,341.6	74,050.0	(D)	(D)	(D)	(D)
Oklahoma	3,966.7	3,958.3	(D)	(D)	(D)	(D)
Oregon	4,583.4	4,675.0	4,583.4	4,675.0	-	-
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	4,325.0	5,566.7	4,325.0	-	-
Texas	46,241.7	46,350.1	(D)	(D)	(D)	(D)
Utah	10,733.3	12,750.0	10,733.3	12,750.0	-	-
Virginia	5,241.6	4,766.7	2,683.3	2,391.7	2,558.3	2,375.0
Washington	13,608.3	13,750.0	(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	60,491.9	56,283.5	54,383.5	6,008.4	6,108.4
United States	777,250.0	780,858.6	676,616.6	677,433.5	100,633.4	103,425.1

- 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	2.2	11.9	14.0
February	2.3	1.8	12.0	14.4
March	1.7	1.6	12.3	14.7
April	1.3	1.4	12.1	14.1
May	3.5	2.5	11.0	12.8
June	4.6	2.3	11.8	12.8
July	2.4	2.0	13.8	13.5
August	1.6	2.0	14.7	13.2
September	2.3	1.8	14.0	13.6
October	2.3	1.9	14.7	13.9
November	1.2	1.5	15.4	13.7
December	1.1	1.2	14.9	13.3

Total Layers Molted First Day of the Month – States and United States: November 1 and December 1, 2020-2021

State	Being molted				Molt completed			
	November 1		December 1		November 1		December 1	
	2020	2021	2020	2021	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	0.5	0.5	5.5	4.5	6.0	5.0
Arkansas	1.0	1.5	1.0	1.0	14.0	11.0	14.0	11.0
California	0.5	-	1.5	-	8.5	7.5	7.5	6.5
Colorado	-	-	2.0	2.5	6.5	13.0	5.5	13.0
Georgia	1.5	0.5	-	1.0	12.0	12.5	13.0	12.0
Illinois	-	-	3.0	1.5	4.5	5.5	2.5	5.5
Indiana	1.0	1.0	1.0	0.5	13.0	13.0	12.5	11.0
Iowa	0.5	0.5	1.0	0.5	14.5	11.5	14.0	10.5
Kentucky	-	3.0	1.5	2.0	9.5	0.5	7.5	2.0
Maryland	-	-	-	-	-	-	-	-
Michigan	1.0	1.0	0.5	1.0	2.0	2.5	3.0	3.0
Minnesota	-	1.0	-	1.0	22.0	11.0	20.5	8.0
Mississippi	-	3.0	1.0	3.0	22.5	16.5	21.5	18.5
Missouri	2.0	1.0	-	0.5	5.0	6.0	6.5	6.5
Nebraska	1.0	-	-	1.0	31.0	3.0	30.5	3.0
New York	-	-	-	-	1.0	3.5	1.0	1.5
North Carolina	-	0.5	-	0.5	10.0	12.0	9.5	12.0
Ohio	0.5	1.5	1.5	1.0	21.5	13.0	19.0	14.0
Oklahoma	8.5	6.0	-	5.0	17.0	10.0	26.5	16.0
Oregon	-	-	-	-	-	1.5	-	1.0
Pennsylvania	4.0	2.5	3.5	2.0	5.5	3.5	4.5	2.0
South Carolina	2.0	-	-	-	22.0	22.5	20.0	21.5
South Dakota	1.5	2.0	-	1.0	-	2.0	1.5	4.5
Texas	1.0	6.5	1.5	5.0	48.0	57.0	46.5	58.5
Utah	5.0	6.0	-	1.0	20.0	30.5	24.0	33.5
Virginia	-	-	-	-	-	-	-	-
Washington	4.5	2.0	4.5	1.5	12.0	13.0	11.5	10.5
Wisconsin	-	-	-	-	23.0	10.5	22.5	9.5
Other States ¹	1.4	1.6	1.0	1.5	23.8	23.9	23.3	22.2
United States	1.2	1.5	1.1	1.2	15.4	13.7	14.9	13.3

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2020 and 2021

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on December 1	53,170	48,352	91
Chicks hatched during November	48,042	45,765	95
Chicks hatched January through November	571,204	576,401	101
Pullets hatched during November for intended placements:			
Hatchery supply flocks	169	204	121
Cumulative potential placements 7-18 months earlier ¹	3,231	3,372	104
Broiler-type			
Eggs in incubators on December 1	706,563	721,737	102
Chicks hatched during November	783,152	798,516	102
Chicks hatched January through November	9,023,157	9,041,583	100
Pullets hatched during November for intended placements:			
Hatchery supply flocks	7,796	7,986	102
Cumulative potential placements 7-15 months earlier ²	73,333	74,270	101

¹ 2021 includes pullet chicks hatched May 2020 through April 2021.

² 2021 includes pullet chicks hatched August 2020 through April 2021.

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

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

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
January	47,563	50,735	107
February	50,382	53,521	106
March	49,101	59,970	122
April	57,435	55,684	97
May	49,502	53,802	109
June	50,029	51,073	102
July	46,093	50,532	110
August	46,242	44,203	96
September	47,296	44,634	94
October	46,624	46,226	99
November	44,601	45,806	103
December	53,170	48,352	91

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

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

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	45,765	95	571,204	576,401	101
December	51,765			622,969		

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	
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			3,445	
Annual total	3,610				

¹ For November 2021, includes breeder pullet chicks hatched May 2020 through April 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: 2020-2021

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

Item	2020	2021	2021 as percent of 2020
	(1,000)	(1,000)	(percent)
January	714,799	712,232	100
February	716,942	703,515	98
March	718,746	710,502	99
April	692,345	717,361	104
May	662,186	717,718	108
June	701,760	720,441	103
July	700,673	714,769	102
August	687,521	715,722	104
September	691,508	709,848	103
October	665,148	693,894	104
November	664,550	702,903	106
December	706,563	721,737	102

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

State	During November			January-November		
	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	107,725	109,795	102	1,275,018	1,275,342	100
Arkansas	79,220	81,886	103	907,581	916,451	101
Delaware	16,488	15,880	96	184,086	179,143	97
Florida	4,269	4,302	101	46,733	45,651	98
Georgia	114,370	114,315	100	1,320,383	1,290,434	98
Kentucky	24,956	26,095	105	289,347	288,887	100
Louisiana	11,232	10,652	95	131,721	125,027	95
Maryland	27,033	27,249	101	312,173	307,325	98
Mississippi	60,036	57,385	96	691,417	670,053	97
Missouri	29,571	31,626	107	348,027	360,986	104
North Carolina	82,971	84,616	102	934,953	949,412	102
Oklahoma	22,771	24,871	109	275,838	267,790	97
Pennsylvania	22,306	22,996	103	246,531	254,118	103
South Carolina	18,669	18,412	99	215,233	214,863	100
Texas	60,157	61,500	102	680,421	686,921	101
Virginia	22,065	22,731	103	242,998	253,052	104
California, Tennessee, and West Virginia	41,320	43,176	104	479,939	482,718	101
Other States ¹	37,993	41,029	108	440,758	473,410	107
United States	783,152	798,516	102	9,023,157	9,041,583	100

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

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

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

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	798,516	102	9,023,157	9,041,583	100
December	848,536			9,871,693		

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	
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			74,767	
Annual total	98,410				
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				
Annual total	117,892				

¹ For November 2021, includes breeder pullet chicks hatched August 2020 through April 2021.

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 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
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Total layers	0.2	0.4	599	34	2,273	17	7
			(million)	(million)	(million)		
Eggs	0.3	0.4	17.0	0	65	17	7

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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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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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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