



Chickens and Eggs

ISSN: 1948-9064

Released October 21, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

September Egg Production Down 3 Percent

United States egg production totaled 8.83 billion during September 2022, down 3 percent from last year. Production included 7.56 billion table eggs, and 1.27 billion hatching eggs, of which 1.18 billion were broiler-type and 89.6 million were egg-type. The average number of layers during September 2022 totaled 373 million, down 3 percent from last year. September egg production per 100 layers was 2,365 eggs, up 1 percent from September 2021.

Total layers in the United States on October 1, 2022 totaled 373 million, down 4 percent from last year. The 373 million layers consisted of 307 million layers producing table or market type eggs, 62.6 million layers producing broiler-type hatching eggs, and 3.49 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2022, averaged 78.6 eggs per 100 layers, up slightly from October 1, 2021.

Egg-Type Chicks Hatched Up 7 Percent

Egg-type chicks hatched during September 2022 totaled 53.2 million, up 7 percent from September 2021. Eggs in incubators totaled 47.8 million on October 1, 2022, up 3 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 263 thousand during September 2022, down 9 percent from September 2021.

Broiler-Type Chicks Hatched Up 5 Percent

Broiler-type chicks hatched during September 2022 totaled 839 million, up 5 percent from September 2021. Eggs in incubators totaled 720 million on October 1, 2022, up 4 percent from a year ago.

Leading breeders placed 8.24 million broiler-type pullet chicks for future domestic hatchery supply flocks during September 2022, down 14 percent from September 2021.

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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		391,887		392,761
January		393,527		390,906
February		394,594		388,868
March		393,354		380,359
April		389,924		369,689
May		385,222		366,512
June		383,040		365,829
July		383,616		368,203
August		384,693		372,108
September		386,681		373,350
October		389,730		
November		392,242		

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	9,554.1	9,678.9	8,300.3	8,376.2	1,253.8	1,302.7
January	9,482.1	9,575.3	8,216.8	8,266.8	1,265.3	1,308.5
February	8,542.1	8,595.1	7,396.0	7,388.3	1,146.1	1,206.8
March	9,461.2	9,370.5	8,174.1	8,030.8	1,287.1	1,339.7
April	9,121.3	8,833.1	7,855.1	7,552.9	1,266.2	1,280.2
May	9,283.9	8,989.1	7,967.3	7,663.1	1,316.6	1,326.0
June	8,921.5	8,656.4	7,655.7	7,379.4	1,265.8	1,277.0
July	9,241.7	9,011.1	7,958.3	7,698.0	1,283.4	1,313.1
August	9,284.5	9,108.4	8,003.0	7,790.0	1,281.5	1,318.4
September	9,065.8	8,830.6	7,818.5	7,557.7	1,247.3	1,272.9
October	9,469.1		8,177.8		1,291.3	
November	9,301.4		8,047.8		1,253.6	

¹ December previous year.

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

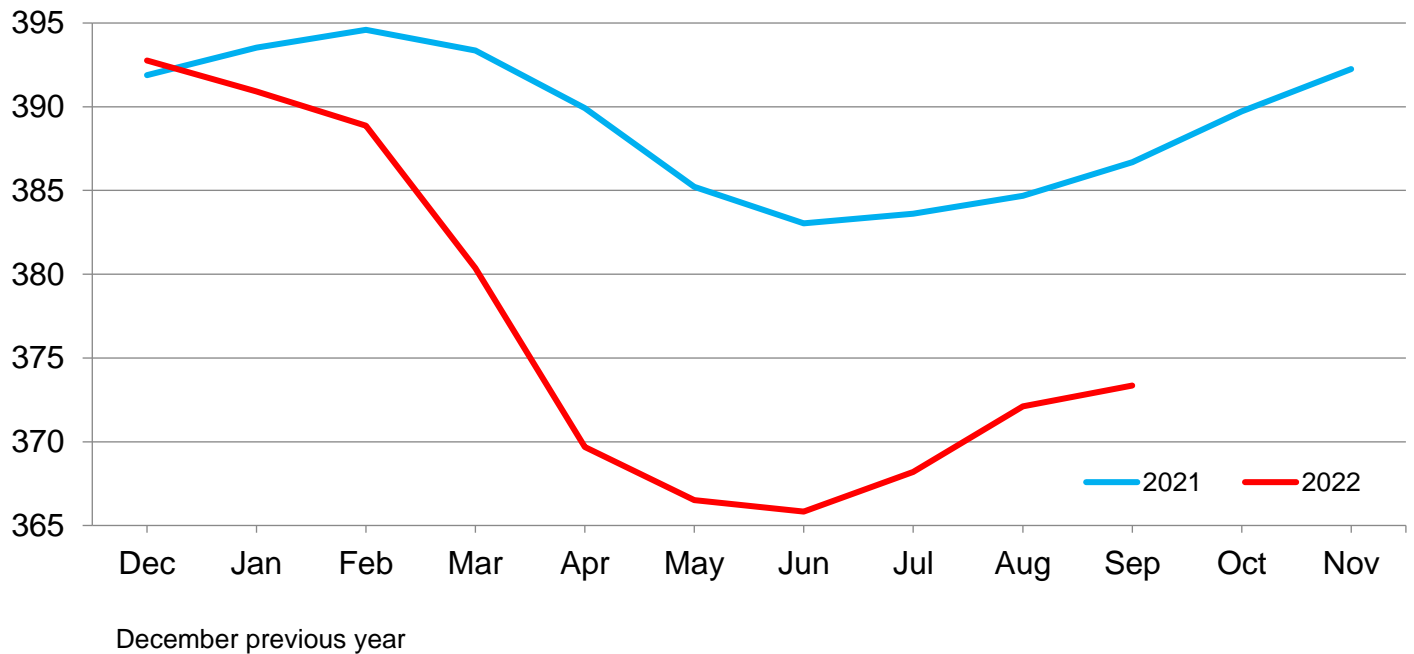
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Month	Total eggs		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December ¹	796,175.0	806,574.6	691,691.7	698,016.4	104,483.3	108,558.2
January	790,175.1	797,941.0	684,733.3	688,899.1	105,441.8	109,041.9
February	711,842.5	716,258.9	616,334.0	615,692.2	95,508.5	100,566.7
March	788,433.8	780,874.7	681,175.4	669,232.9	107,258.4	111,641.8
April	760,109.0	736,092.4	654,591.7	629,408.8	105,517.3	106,683.6
May	773,658.1	749,091.6	663,941.2	638,591.8	109,716.9	110,499.8
June	743,458.6	721,366.9	637,975.2	614,950.1	105,483.4	106,416.8
July	770,141.6	750,925.2	663,191.9	641,500.3	106,949.7	109,424.9
August	773,708.2	759,032.8	666,916.7	649,166.6	106,791.5	109,866.2
September	755,483.2	735,883.3	651,541.6	629,808.3	103,941.6	106,075.0
October	789,092.0		681,483.6		107,608.4	
November	775,116.8		670,650.2		104,466.6	

¹ December previous year.

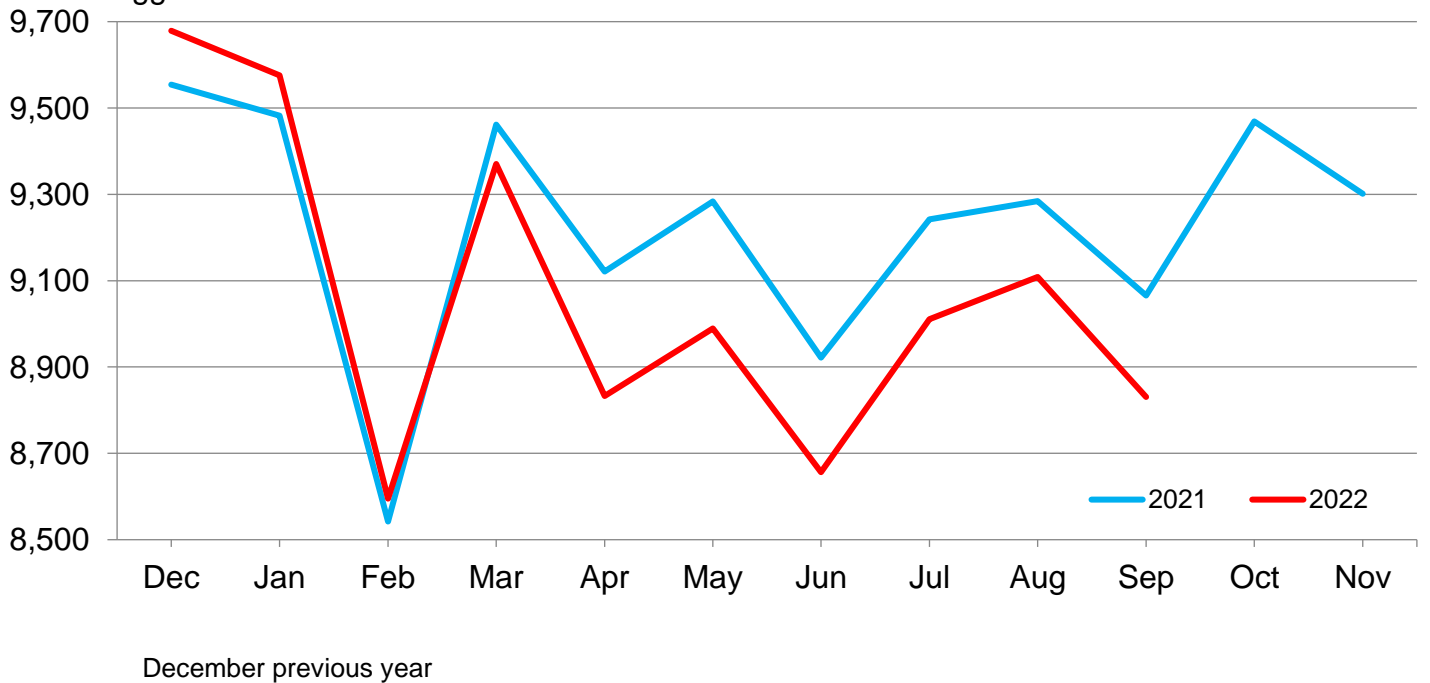
Average Layers During the Month – United States

Million layers



Total Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:
August-September 2021 and 2022**

Item	2021	2022	2022 as percent of 2021
Layers during August			
Total layers 1,000	384,693	372,108	97
Table egg type 1,000	319,259	305,470	96
Hatching egg type 1,000	65,434	66,638	102
Broiler-type hatching 1,000	62,428	63,081	101
Egg-type hatching 1,000	3,006	3,557	118
Eggs per 100 layers during August			
Total layers number	2,413	2,448	101
Table egg type number	2,507	2,550	102
Hatching egg type number	1,958	1,978	101
Broiler-type hatching number	1,928	1,944	101
Egg-type hatching number	2,585	2,586	100
Eggs produced during August			
Total layers million	9,284.5	9,108.4	98
Table egg type million	8,003.0	7,790.0	97
Hatching egg type million	1,281.5	1,318.4	103
Broiler-type hatching million	1,203.8	1,226.4	102
Egg-type hatching million	77.7	92.0	118
Eggs produced during August			
Total layers 1,000 dozen	773,708.2	759,032.8	98
Table egg type 1,000 dozen	666,916.7	649,166.6	97
Hatching egg type 1,000 dozen	106,791.5	109,866.2	103
Broiler-type hatching 1,000 dozen	100,316.6	102,199.8	102
Egg-type hatching 1,000 dozen	6,474.9	7,666.4	118
Layers on September 1			
Total layers 1,000	385,268	373,448	97
Table egg type 1,000	320,151	306,882	96
Hatching egg type 1,000	65,117	66,566	102
Broiler-type hatching 1,000	62,107	62,949	101
Egg-type hatching 1,000	3,010	3,617	120
Eggs per 100 layers on September 1			
Total layers number	77.9	79.0	101
Table egg type number	80.8	82.2	102
Hatching egg type number	63.7	64.2	101
Broiler-type hatching number	62.7	63.0	100
Egg-type hatching number	83.4	83.9	101
Molted layers on September 1			
Being molted percent	1.9	1.8	95
Molt completed percent	13.8	11.6	84
Layers sold for slaughter during August 1,000	13,339.6	13,682.2	103
Layers rendered, died, destroyed, composted or disappeared for any reason during August 1,000	11,988.3	11,116.9	93
Pullets on September 1 1,000	125,111	126,102	101
Pullets added during August ¹ 1,000	26,693.7	29,608.1	111

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

**Layers on Hand and Eggs Produced by Type and Molt – United States:
September-October 2021 and 2022**

Item	2021	2022	2022 as percent of 2021
Layers during September			
Total layers 1,000	386,681	373,350	97
Table egg type 1,000	321,618	307,021	95
Hatching egg type 1,000	65,063	66,329	102
Broiler-type hatching 1,000	61,984	62,774	101
Egg-type hatching 1,000	3,079	3,555	115
Eggs per 100 layers during September			
Total layers number	2,345	2,365	101
Table egg type number	2,431	2,462	101
Hatching egg type number	1,917	1,919	100
Broiler-type hatching number	1,889	1,885	100
Egg-type hatching number	2,491	2,520	101
Eggs produced during September			
Total layers million	9,065.8	8,830.6	97
Table egg type million	7,818.5	7,557.7	97
Hatching egg type million	1,247.3	1,272.9	102
Broiler-type hatching million	1,170.6	1,183.3	101
Egg-type hatching million	76.7	89.6	117
Eggs produced during September			
Total layers 1,000 dozen	755,483.2	735,883.3	97
Table egg type 1,000 dozen	651,541.6	629,808.3	97
Hatching egg type 1,000 dozen	103,941.6	106,075.0	102
Broiler-type hatching 1,000 dozen	97,550.0	98,608.4	101
Egg-type hatching 1,000 dozen	6,391.6	7,466.6	117
Layers on October 1			
Total layers 1,000	388,051	373,222	96
Table egg type 1,000	323,071	307,147	95
Hatching egg type 1,000	64,980	66,075	102
Broiler-type hatching 1,000	61,841	62,590	101
Egg-type hatching 1,000	3,139	3,485	111
Eggs per 100 layers on October 1			
Total layers number	78.3	78.6	100
Table egg type number	81.2	81.8	101
Hatching egg type number	64.1	63.7	99
Broiler-type hatching number	63.1	62.6	99
Egg-type hatching number	83.1	84.2	101
Molted layers on October 1			
Being molted percent	1.9	1.7	89
Molt completed percent	14.0	11.4	81
Layers sold for slaughter during September 1,000	13,047.5	12,038.5	92
Layers rendered, died, destroyed, composted or disappeared for any reason during September 1,000	11,851.2	12,847.8	108
Pullets on October 1 1,000	124,588	125,986	101
Pullets added during September ¹ 1,000	28,368.5	26,243.4	93

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

Layers on Hand and Eggs Produced – States and United States: During August 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,420	1,274	10,556	11,697	1,939	1,922
Arkansas	(D)	(D)	16,673	15,268	2,121	2,170
California	13,316	13,023	13,959	13,668	2,491	2,465
Colorado	4,206	1,738	4,714	2,266	2,660	2,449
Georgia	8,969	9,560	19,489	20,014	2,131	2,204
Illinois	5,948	6,911	6,511	7,463	2,554	2,269
Indiana	34,402	35,755	35,654	37,011	2,545	2,512
Iowa	47,061	36,993	49,004	38,902	2,604	2,572
Kentucky	(D)	(D)	5,389	5,426	2,238	2,278
Maryland	2,256	1,786	2,453	1,987	2,540	2,627
Michigan	14,894	16,458	15,189	16,778	2,498	2,572
Minnesota	7,597	8,196	8,115	8,742	2,568	2,577
Mississippi	(D)	(D)	5,323	5,696	2,170	2,152
Missouri	7,338	7,078	13,309	13,246	2,513	2,567
Nebraska	7,526	5,323	8,156	5,929	2,509	2,454
New York	5,119	5,211	5,685	5,765	2,612	2,618
North Carolina	6,888	7,360	15,237	16,016	2,221	2,205
Ohio	33,376	35,977	34,683	37,303	2,514	2,532
Oklahoma	(D)	(D)	2,546	2,406	1,834	2,045
Oregon	1,801	1,832	1,972	2,003	2,688	2,626
Pennsylvania	28,091	22,307	30,647	25,249	2,227	2,625
South Carolina	2,265	2,418	3,505	3,696	2,140	2,411
South Dakota	1,731	1,707	1,786	1,762	2,716	2,645
Texas	(D)	(D)	22,569	23,076	2,351	2,417
Utah	5,706	5,083	5,758	5,135	2,633	2,678
Virginia	596	883	2,385	2,733	2,348	2,404
Washington	6,324	6,414	6,488	6,578	2,585	2,656
Wisconsin	5,554	4,577	6,697	5,687	2,553	2,631
Other States ¹	24,162	24,516	30,241	30,606	2,386	2,431
United States	302,605	288,672	384,693	372,108	2,413	2,448

(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 September 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,421	1,372	10,669	11,577	1,893	1,889
Arkansas	(D)	(D)	16,552	15,360	2,129	2,083
California	13,141	13,028	13,801	13,676	2,367	2,341
Colorado	4,162	1,385	4,670	1,913	2,490	2,384
Georgia	9,080	9,625	19,511	19,955	2,078	2,124
Illinois	5,869	6,835	6,428	7,396	2,408	2,253
Indiana	35,023	35,745	36,300	36,978	2,453	2,424
Iowa	46,901	38,169	48,806	40,107	2,529	2,534
Kentucky	(D)	(D)	5,517	5,459	2,210	2,132
Maryland	2,246	1,951	2,455	2,152	2,452	2,579
Michigan	15,227	16,551	15,522	16,871	2,457	2,473
Minnesota	7,707	8,198	8,248	8,722	2,458	2,479
Mississippi	(D)	(D)	5,305	5,690	2,083	2,062
Missouri	7,452	7,450	13,347	13,642	2,445	2,441
Nebraska	7,538	5,833	8,186	6,481	2,446	2,362
New York	5,153	5,192	5,710	5,756	2,525	2,507
North Carolina	6,722	6,995	14,955	15,658	2,164	2,150
Ohio	34,110	35,257	35,431	36,545	2,448	2,477
Oklahoma	(D)	(D)	2,506	2,395	1,856	1,942
Oregon	1,855	1,770	2,026	1,941	2,512	2,597
Pennsylvania	28,079	22,495	30,721	25,458	2,139	2,532
South Carolina	2,266	2,370	3,515	3,632	2,102	2,269
South Dakota	1,886	1,778	1,941	1,833	2,561	2,662
Texas	(D)	(D)	22,702	22,895	2,292	2,301
Utah	5,711	5,373	5,763	5,425	2,585	2,476
Virginia	597	827	2,363	2,683	2,213	2,344
Washington	6,420	6,497	6,584	6,661	2,517	2,549
Wisconsin	5,683	4,577	6,835	5,708	2,443	2,528
Other States ¹	24,300	24,664	30,312	30,781	2,352	2,331
United States	304,964	290,223	386,681	373,350	2,345	2,365

(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: August 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	204.7	224.8	35.8	32.8	168.9	192.0
Arkansas	353.7	331.3	(D)	(D)	(D)	(D)
California	347.7	336.9	(D)	(D)	(D)	(D)
Colorado	125.4	55.5	(D)	(D)	(D)	(D)
Georgia	415.3	441.2	214.6	237.8	200.7	203.4
Illinois	166.3	169.3	162.3	165.6	4.0	3.7
Indiana	907.4	929.8	891.7	915.0	15.7	14.8
Iowa	1,275.9	1,000.6	1,251.9	978.8	24.0	21.8
Kentucky	120.6	123.6	(D)	(D)	(D)	(D)
Maryland	62.3	52.2	61.0	50.7	1.3	1.5
Michigan	379.4	431.6	(D)	(D)	(D)	(D)
Minnesota	208.4	225.3	200.0	216.5	8.4	8.8
Mississippi	115.5	122.6	(D)	(D)	(D)	(D)
Missouri	334.4	340.0	294.2	296.4	40.2	43.6
Nebraska	204.6	145.5	193.3	134.8	11.3	10.7
New York	148.5	150.9	(D)	(D)	(D)	(D)
North Carolina	338.4	353.1	181.2	186.6	157.2	166.5
Ohio	871.9	944.4	(D)	(D)	(D)	(D)
Oklahoma	46.7	49.2	(D)	(D)	(D)	(D)
Oregon	53.0	52.6	53.0	52.6	-	-
Pennsylvania	682.4	662.9	652.4	622.1	30.0	40.8
South Carolina	75.0	89.1	52.1	65.8	22.9	23.3
South Dakota	48.5	46.6	48.5	46.6	-	-
Texas	530.5	557.8	(D)	(D)	(D)	(D)
Utah	151.6	137.5	151.6	137.5	-	-
Virginia	56.0	65.7	26.4	35.0	29.6	30.7
Washington	167.7	174.7	(D)	(D)	(D)	(D)
Wisconsin	171.0	149.6	165.1	143.8	5.9	5.8
Other States ¹	721.7	744.1	645.7	666.4	76.0	77.7
United States	9,284.5	9,108.4	8,003.0	7,790.0	1,281.5	1,318.4

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: September 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	202.0	218.7	36.0	36.2	166.0	182.5
Arkansas	352.4	320.0	(D)	(D)	(D)	(D)
California	326.7	320.2	(D)	(D)	(D)	(D)
Colorado	116.3	45.6	(D)	(D)	(D)	(D)
Georgia	405.4	423.8	210.5	229.4	194.9	194.4
Illinois	154.8	166.6	151.2	162.8	3.6	3.8
Indiana	890.4	896.5	875.1	881.9	15.3	14.6
Iowa	1,234.1	1,016.3	1,211.8	995.4	22.3	20.9
Kentucky	121.9	116.4	(D)	(D)	(D)	(D)
Maryland	60.2	55.5	58.8	54.0	1.4	1.5
Michigan	381.3	417.3	(D)	(D)	(D)	(D)
Minnesota	202.7	216.2	194.7	208.3	8.0	7.9
Mississippi	110.5	117.3	(D)	(D)	(D)	(D)
Missouri	326.4	333.0	289.0	290.6	37.4	42.4
Nebraska	200.2	153.1	188.5	140.5	11.7	12.6
New York	144.2	144.3	(D)	(D)	(D)	(D)
North Carolina	323.7	336.6	172.8	174.0	150.9	162.6
Ohio	867.2	905.1	(D)	(D)	(D)	(D)
Oklahoma	46.5	46.5	(D)	(D)	(D)	(D)
Oregon	50.9	50.4	50.9	50.4	-	-
Pennsylvania	657.0	644.5	626.3	604.7	30.7	39.8
South Carolina	73.9	82.4	51.7	60.1	22.2	22.3
South Dakota	49.7	48.8	49.7	48.8	-	-
Texas	520.4	526.8	(D)	(D)	(D)	(D)
Utah	149.0	134.3	149.0	134.3	-	-
Virginia	52.3	62.9	24.7	33.0	27.6	29.9
Washington	165.7	169.8	(D)	(D)	(D)	(D)
Wisconsin	167.0	144.3	161.3	138.2	5.7	6.1
Other States ¹	713.0	717.4	638.7	641.8	74.3	75.6
United States	9,065.8	8,830.6	7,818.5	7,557.7	1,247.3	1,272.9

- 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: August 2021 and 2022

[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	
	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)
Alabama	17,058.3	18,733.3	2,983.3	2,733.3	14,075.0	16,000.0
Arkansas	29,475.0	27,608.3	(D)	(D)	(D)	(D)
California	28,975.1	28,075.0	(D)	(D)	(D)	(D)
Colorado	10,450.0	4,625.0	(D)	(D)	(D)	(D)
Georgia	34,608.3	36,766.6	17,883.3	19,816.6	16,725.0	16,950.0
Illinois	13,858.3	14,108.3	13,525.0	13,800.0	333.3	308.3
Indiana	75,616.7	77,483.3	74,308.3	76,250.0	1,308.4	1,233.3
Iowa	106,325.0	83,383.2	104,325.0	81,566.6	2,000.0	1,816.6
Kentucky	10,049.9	10,300.0	(D)	(D)	(D)	(D)
Maryland	5,191.8	4,350.0	5,083.4	4,225.0	108.4	125.0
Michigan	31,616.6	35,966.7	(D)	(D)	(D)	(D)
Minnesota	17,366.6	18,775.0	16,666.6	18,041.6	700.0	733.4
Mississippi	9,625.0	10,216.6	(D)	(D)	(D)	(D)
Missouri	27,866.7	28,333.3	24,516.7	24,700.0	3,350.0	3,633.3
Nebraska	17,049.9	12,124.9	16,108.3	11,233.3	941.6	891.6
New York	12,375.0	12,575.0	(D)	(D)	(D)	(D)
North Carolina	28,200.0	29,425.0	15,100.0	15,550.0	13,100.0	13,875.0
Ohio	72,658.3	78,700.0	(D)	(D)	(D)	(D)
Oklahoma	3,891.7	4,100.0	(D)	(D)	(D)	(D)
Oregon	4,416.6	4,383.3	4,416.6	4,383.3	-	-
Pennsylvania	56,866.7	55,241.7	54,366.7	51,841.7	2,500.0	3,400.0
South Carolina	6,249.9	7,425.0	4,341.6	5,483.3	1,908.3	1,941.7
South Dakota	4,041.7	3,883.3	4,041.7	3,883.3	-	-
Texas	44,208.3	46,483.3	(D)	(D)	(D)	(D)
Utah	12,633.4	11,458.4	12,633.4	11,458.4	-	-
Virginia	4,666.6	5,475.0	2,200.0	2,916.7	2,466.6	2,558.3
Washington	13,975.0	14,558.3	(D)	(D)	(D)	(D)
Wisconsin	14,250.0	12,466.6	13,758.4	11,983.3	491.6	483.3
Other States ¹	60,141.8	62,008.4	53,808.5	55,533.4	6,333.3	6,475.0
United States	773,708.2	759,032.8	666,916.7	649,166.6	106,791.5	109,866.2

- 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: September 2021 and 2022

[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	
	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)
Alabama	16,833.3	18,224.9	3,000.0	3,016.6	13,833.3	15,208.3
Arkansas	29,366.7	26,666.7	(D)	(D)	(D)	(D)
California	27,225.0	26,683.4	(D)	(D)	(D)	(D)
Colorado	9,691.7	3,800.1	(D)	(D)	(D)	(D)
Georgia	33,783.3	35,316.7	17,541.7	19,116.7	16,241.6	16,200.0
Illinois	12,900.0	13,883.3	12,600.0	13,566.6	300.0	316.7
Indiana	74,200.0	74,708.4	72,925.0	73,491.7	1,275.0	1,216.7
Iowa	102,841.6	84,691.7	100,983.3	82,950.0	1,858.3	1,741.7
Kentucky	10,158.4	9,700.0	(D)	(D)	(D)	(D)
Maryland	5,016.7	4,625.0	4,900.0	4,500.0	116.7	125.0
Michigan	31,775.0	34,775.0	(D)	(D)	(D)	(D)
Minnesota	16,891.6	18,016.7	16,225.0	17,358.3	666.6	658.4
Mississippi	9,208.4	9,775.0	(D)	(D)	(D)	(D)
Missouri	27,200.0	27,750.0	24,083.3	24,216.6	3,116.7	3,533.4
Nebraska	16,683.3	12,758.4	15,708.3	11,708.4	975.0	1,050.0
New York	12,016.6	12,025.0	(D)	(D)	(D)	(D)
North Carolina	26,975.0	28,050.0	14,400.0	14,500.0	12,575.0	13,550.0
Ohio	72,266.6	75,424.9	(D)	(D)	(D)	(D)
Oklahoma	3,874.9	3,875.1	(D)	(D)	(D)	(D)
Oregon	4,241.6	4,200.0	4,241.6	4,200.0	-	-
Pennsylvania	54,750.0	53,708.2	52,191.6	50,391.6	2,558.4	3,316.6
South Carolina	6,158.3	6,866.6	4,308.3	5,008.3	1,850.0	1,858.3
South Dakota	4,141.7	4,066.7	4,141.7	4,066.7	-	-
Texas	43,366.6	43,900.0	(D)	(D)	(D)	(D)
Utah	12,416.6	11,191.6	12,416.6	11,191.6	-	-
Virginia	4,358.3	5,241.7	2,058.3	2,750.0	2,300.0	2,491.7
Washington	13,808.4	14,150.0	(D)	(D)	(D)	(D)
Wisconsin	13,916.7	12,024.9	13,441.7	11,516.6	475.0	508.3
Other States ¹	59,416.9	59,783.3	53,225.2	53,483.4	6,191.7	6,299.9
United States	755,483.2	735,883.3	651,541.6	629,808.3	103,941.6	106,075.0

- 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	2.3	1.1	13.9	12.6
February	1.9	1.8	14.5	11.6
March	1.7	1.7	14.8	12.1
April	1.4	1.2	14.1	12.6
May	2.6	1.2	12.9	12.8
June	2.4	2.2	12.9	12.1
July	2.1	1.7	13.7	12.3
August	2.1	1.3	13.2	12.3
September	1.9	1.8	13.8	11.6
October	1.9	1.7	14.0	11.4
November	1.8		13.8	
December	1.0		13.6	

Total Layers Molted First Day of the Month – States and United States: September 1 and October 1, 2021-2022

State	Being molted				Molt completed			
	September 1		October 1		September 1		October 1	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	0.5	0.5	4.5	4.0	5.0	4.0
Arkansas	0.5	2.5	1.0	0.5	12.5	6.0	12.0	7.0
California	0.5	0.5	-	0.5	7.5	2.5	8.0	2.5
Colorado	-	1.0	8.0	1.0	8.5	0.5	8.0	0.5
Georgia	4.5	1.0	0.5	1.5	9.0	9.0	12.5	8.5
Illinois	8.0	7.5	10.5	10.5	2.5	16.5	4.5	20.0
Indiana	1.5	0.5	2.5	-	12.0	7.5	12.0	8.0
Iowa	2.0	0.5	1.5	1.0	11.0	11.0	12.0	9.0
Kentucky	-	3.5	3.5	5.0	3.0	-	-	3.0
Maryland	-	0.5	-	-	-	-	-	-
Michigan	-	1.5	-	0.5	3.0	3.5	2.0	4.5
Minnesota	2.0	-	3.0	0.5	7.0	3.5	8.5	3.5
Mississippi	0.5	2.0	2.5	3.0	18.5	23.5	17.0	22.0
Missouri	-	0.5	-	1.0	11.5	2.5	10.0	2.0
Nebraska	-	-	-	0.5	3.5	1.5	2.5	1.5
New York	-	0.5	-	-	4.5	2.5	3.5	1.5
North Carolina	0.5	1.0	0.5	0.5	12.0	8.5	12.0	6.5
Ohio	1.0	2.0	1.5	1.0	15.5	12.5	15.5	10.5
Oklahoma	5.5	6.0	-	3.5	5.0	27.0	10.0	27.5
Oregon	2.0	-	1.5	-	2.0	-	1.5	-
Pennsylvania	2.5	0.5	2.5	1.0	2.0	2.0	2.5	2.0
South Carolina	3.0	2.5	3.0	5.5	19.0	23.0	20.5	22.5
South Dakota	-	-	2.0	-	-	-	-	-
Texas	4.5	6.0	7.5	5.0	57.5	51.5	57.5	53.5
Utah	8.5	1.5	2.5	4.5	30.5	27.0	34.5	24.5
Virginia	-	4.5	-	-	-	-	-	4.5
Washington	3.5	1.5	0.5	2.0	16.0	6.5	18.0	8.0
Wisconsin	-	1.0	-	-	16.5	8.5	12.5	8.5
Other States ¹	2.1	4.0	1.6	4.2	25.3	21.0	24.6	20.8
United States	1.9	1.8	1.9	1.7	13.8	11.6	14.0	11.4

- 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 October 1	46,626	47,846	103
Chicks hatched during September	49,626	53,242	107
Chicks hatched January through September	487,691	485,345	100
Pullets hatched during September for intended placements:			
Hatchery supply flocks	289	263	91
Cumulative potential placements 7-18 months earlier ¹	3,344	3,212	96
Broiler-type			
Eggs in incubators on October 1	693,894	719,947	104
Chicks hatched during September	801,015	839,475	105
Chicks hatched January through September	7,426,718	7,518,054	101
Pullets hatched during September for intended placements:			
Hatchery supply flocks	9,618	8,236	86
Cumulative potential placements 7-15 months earlier ²	74,237	78,441	106

¹ 2022 includes pullet chicks hatched March 2021 through February 2022.

² 2022 includes pullet chicks hatched June 2021 through February 2022.

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	50,749	46,378	91
February	53,531	51,822	97
March	59,970	57,677	96
April	55,559	57,156	103
May	54,352	51,046	94
June	51,711	49,652	96
July	51,357	45,360	88
August	44,913	49,852	111
September	45,159	49,192	109
October	46,626	47,846	103
November	45,906		
December	48,107		

Egg-Type Chicks Hatched by Month – United States: 2021-2022

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

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	50,982	49,048	96	50,982	49,048	96
February	52,273	51,796	99	103,255	100,844	98
March	62,319	60,099	96	165,574	160,943	97
April	59,787	50,636	85	225,361	211,579	94
May	57,729	57,802	100	283,090	269,381	95
June	54,339	56,816	105	337,429	326,197	97
July	50,954	49,915	98	388,383	376,112	97
August	49,682	55,991	113	438,065	432,103	99
September	49,626	53,242	107	487,691	485,345	100
October	45,949			533,640		
November	45,798			579,438		
December	48,209			627,647		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2021-2023

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

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	279	261	94	3,360	2,919
February	202	276	137	3,265	2,886
March	327	199	61	3,225	2,805
April	266	208	78	3,313	2,779
May	306	269	88	3,368	
June	288	218	76	3,403	
July	199	166	83	3,156	
August	330	249	75	3,138	
September	289	263	91	3,212	
October	252			3,084	
November	204			3,026	
December	214			2,989	
Annual total	3,156				

¹ For September 2022, includes breeder pullet chicks hatched March 2021 through February 2022. 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	712,702	100
February	702,015	715,910	102
March	708,541	719,191	102
April	717,682	721,163	100
May	717,759	721,523	101
June	721,061	728,799	101
July	714,380	724,571	101
August	715,341	727,488	102
September	709,733	734,139	103
October	693,894	719,947	104
November	702,903		
December	723,998		

Broiler-Type Chicks Hatched – States and United States: September 2021 and 2022

State	During September			January-September		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	115,519	121,445	105	1,050,500	1,088,148	104
Arkansas	80,908	86,398	107	752,422	772,373	103
Delaware	14,159	17,516	124	142,828	156,037	109
Florida	3,983	3,980	100	37,003	37,126	100
Georgia	116,329	120,155	103	1,060,095	1,080,217	102
Kentucky	24,445	22,469	92	236,812	183,568	78
Louisiana	10,875	12,261	113	103,832	102,318	99
Maryland	27,381	27,568	101	251,948	251,949	100
Mississippi	59,368	58,768	99	552,272	536,022	97
Missouri	32,995	33,540	102	296,134	304,358	103
North Carolina	82,160	89,570	109	781,267	812,619	104
Oklahoma	21,978	26,554	121	219,242	230,877	105
Pennsylvania	23,250	24,212	104	207,630	208,353	100
South Carolina	18,309	18,884	103	176,545	166,813	94
Texas	61,030	65,137	107	564,778	584,307	103
Virginia	23,281	22,608	97	206,921	208,723	101
California, Tennessee, and West Virginia	42,417	45,972	108	396,834	409,065	103
Other States ¹	42,628	42,438	100	389,655	385,181	99
United States	801,015	839,475	105	7,426,718	7,518,054	101

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

Broiler-Type Chicks Hatched by Month – United States: 2021-2022

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

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	848,743	839,265	99	848,743	839,265	99
February	757,377	758,932	100	1,606,120	1,598,197	100
March	840,635	844,719	100	2,446,755	2,442,916	100
April	821,252	821,754	100	3,268,007	3,264,670	100
May	850,488	854,115	100	4,118,495	4,118,785	100
June	823,316	835,072	101	4,941,811	4,953,857	100
July	843,578	859,263	102	5,785,389	5,813,120	100
August	840,314	865,459	103	6,625,703	6,678,579	101
September	801,015	839,475	105	7,426,718	7,518,054	101
October	810,633			8,237,351		
November	798,600			9,035,951		
December	846,240			9,882,191		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2021-2023

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

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	8,095	7,880	97	74,605	76,325
February	8,245	8,499	103	75,156	75,295
March	8,232	9,296	113	76,097	74,989
April	8,110	7,935	98	77,914	74,239
May	8,708	8,468	97	78,385	
June	9,546	8,709	91	78,126	
July	8,623	7,536	87	78,880	
August	8,737	7,680	88	78,650	
September	9,618	8,236	86	78,441	
October	8,566			78,191	
November	7,986			77,503	
December	8,986			77,234	
Annual total	103,452				
Total placements ²					
January	9,811	9,370	96		
February	9,954	10,423	105		
March	9,996	11,023	110		
April	9,908	9,212	93		
May	10,148	9,962	98		
June	11,179	10,338	92		
July	10,079	8,847	88		
August	10,585	9,053	86		
September	11,250	9,739	87		
October	10,401				
November	9,226				
December	10,587				
Annual total	123,124				

¹ For September 2022, includes breeder pullet chicks hatched June 2021 through February 2022.

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 373 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) 608	(1,000) 54	(1,000) 2,541	(number) 16	(number) 8
Eggs	0.8	1.3	(million) 54	(million) 9	(million) 147	7	17

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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- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov.
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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2022 USDA Fall Virtual Data Users' Meeting

November 15, 2022

FREE AND OPEN TO THE PUBLIC



USDA Fall Data Users' Meeting

Virtual Meeting

November 15, 2022

12:00 – 3:30 p.m. ET

USDA's National Agricultural Statistics Service (NASS) will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2022 Fall Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users. Registration details will be coming soon.