



Chickens and Eggs

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November Egg Production Down 2 Percent

United States egg production totaled 9.32 billion during November 2020, down 2 percent from last year. Production included 8.09 billion table eggs, and 1.22 billion hatching eggs, of which 1.14 billion were broiler-type and 78.6 million were egg-type. The average number of layers during November 2020 totaled 389 million, down 3 percent from last year. November egg production per 100 layers was 2,396 eggs, up 1 percent from November 2019.

Total layers in the United States on December 1, 2020 totaled 390 million, down 3 percent from last year. The 390 million layers consisted of 325 million layers producing table or market type eggs, 61.4 million layers producing broiler-type hatching eggs, and 3.28 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2020, averaged 80.0 eggs per 100 layers, up 2 percent from December 1, 2019.

Egg-Type Chicks Hatched Down Slightly

Egg-type chicks hatched during November 2020 totaled 48.0 million, down slightly from November 2019. Eggs in incubators totaled 53.2 million on December 1, 2020, up 11 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 169,000 during November 2020, down 15 percent from November 2019.

Broiler-Type Chicks Hatched Down 2 Percent

Broiler-type chicks hatched during November 2020 totaled 783 million, down 2 percent from November 2019. Eggs in incubators totaled 701 million on December 1, 2020, down 1 percent from a year ago.

Leading breeders placed 8.30 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2020, up 2 percent from November 2019.

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Average Layers During the Month – United States: 2019-2020

Month	2019		2020	
	(1,000 layers)		(1,000 layers)	
December ¹		402,924		404,190
January		402,763		402,081
February		403,552		396,817
March		405,672		395,443
April		404,691		392,308
May		400,109		386,179
June		394,862		382,097
July		392,313		379,205
August		393,317		380,098
September		395,509		383,568
October		398,404		386,486
November		401,764		388,859

¹ December previous year.

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

Month	Total eggs		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	9,692.5	9,809.0	8,515.1	8,601.0	1,177.4	1,208.0
January	9,658.0	9,708.0	8,475.6	8,486.6	1,182.4	1,221.4
February	8,688.7	8,945.0	7,603.8	7,790.9	1,084.9	1,154.1
March	9,674.8	9,534.2	8,469.9	8,294.3	1,204.9	1,239.9
April	9,378.2	9,085.3	8,209.7	7,881.8	1,168.5	1,203.5
May	9,618.0	9,099.3	8,401.2	7,860.2	1,216.8	1,239.1
June	9,215.3	8,805.2	8,037.9	7,597.8	1,177.4	1,207.4
July	9,453.5	9,269.7	8,240.8	8,014.5	1,212.7	1,255.2
August	9,490.9	9,297.6	8,286.6	8,040.5	1,204.3	1,257.1
September	9,222.8	9,030.6	8,061.5	7,810.8	1,161.3	1,219.8
October	9,663.9	9,501.7	8,458.0	8,246.9	1,205.9	1,254.8
November	9,496.8	9,315.4	8,329.3	8,093.2	1,167.5	1,222.2

¹ December previous year.

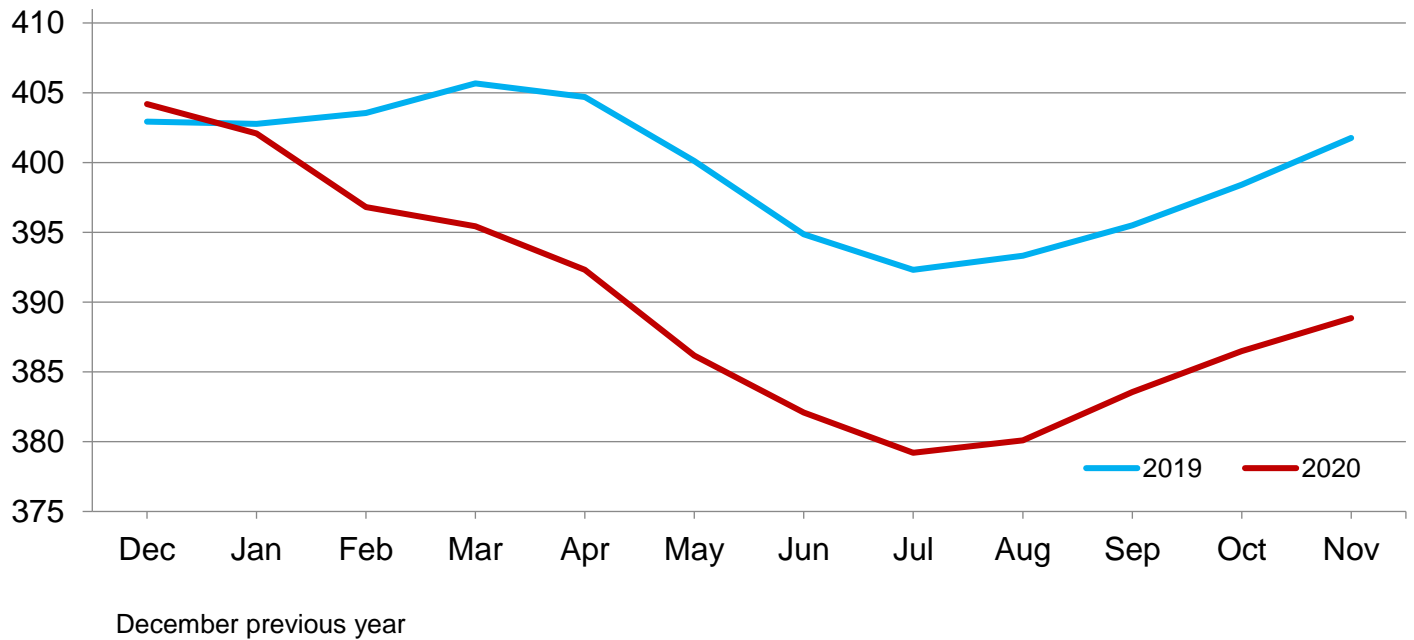
Egg Production During the Month in Dozens by Type – United States: 2019-2020

Month	Total eggs		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December ¹	807,707.9	817,416.3	709,591.3	716,749.8	98,116.6	100,666.5
January	804,833.1	808,999.8	706,299.8	707,216.7	98,533.3	101,783.1
February	724,058.2	745,416.1	633,650.0	649,241.5	90,408.2	96,174.6
March	806,233.1	794,516.7	705,824.9	691,191.6	100,408.2	103,325.1
April	781,516.3	757,107.8	684,141.5	656,816.3	97,374.8	100,291.5
May	801,499.8	758,274.7	700,099.8	655,016.5	101,400.0	103,258.2
June	767,941.8	733,766.4	669,825.2	633,149.8	98,116.6	100,616.6
July	787,791.3	772,475.2	686,733.3	667,874.9	101,058.0	104,600.3
August	790,908.3	774,800.0	690,550.2	670,041.5	100,358.1	104,758.5
September	768,566.2	752,550.2	671,791.1	650,900.1	96,775.1	101,650.1
October	805,325.0	791,808.4	704,833.4	687,241.8	100,491.6	104,566.6
November	791,399.9	776,283.3	694,108.5	674,433.4	97,291.4	101,849.9

¹ December previous year.

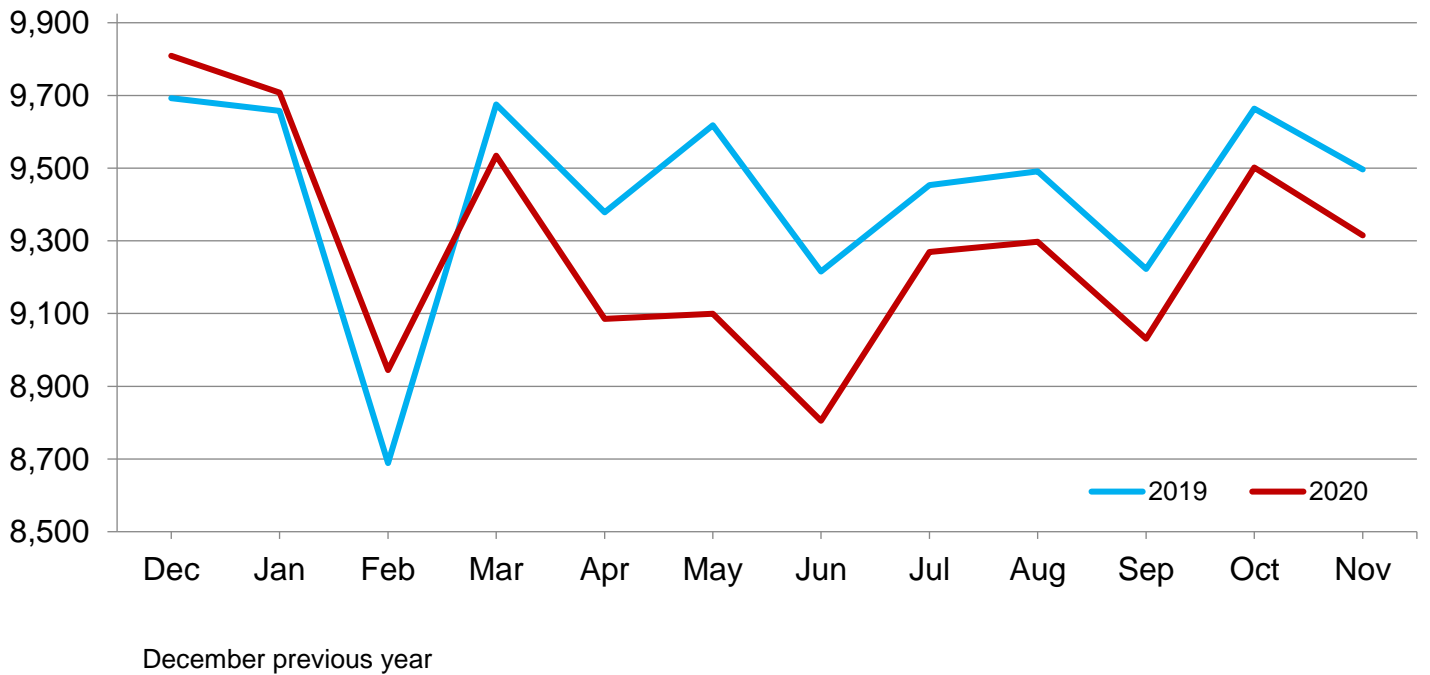
Average Layers During the Month – United States

Million layers



Total Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:
October-November 2019 and 2020**

Item	2019	2020	2020 as percent of 2019
Layers during October			
Total layers 1,000	398,404	386,486	97
Table egg type 1,000	336,090	322,758	96
Hatching egg type 1,000	62,314	63,728	102
Broiler-type hatching 1,000	58,779	60,600	103
Egg-type hatching 1,000	3,535	3,128	88
Eggs per 100 layers during October			
Total layers number	2,426	2,458	101
Table egg type number	2,517	2,555	102
Hatching egg type number	1,935	1,969	102
Broiler-type hatching number	1,900	1,939	102
Egg-type hatching number	2,518	2,551	101
Eggs produced during October			
Total layers million	9,663.9	9,501.7	98
Table egg type million	8,458.0	8,246.9	98
Hatching egg type million	1,205.9	1,254.8	104
Broiler-type hatching million	1,116.9	1,175.0	105
Egg-type hatching million	89.0	79.8	90
Eggs produced during October			
Total layers 1,000 dozen	805,325.0	791,808.4	98
Table egg type 1,000 dozen	704,833.4	687,241.8	98
Hatching egg type 1,000 dozen	100,491.6	104,566.6	104
Broiler-type hatching 1,000 dozen	93,075.0	97,916.7	105
Egg-type hatching 1,000 dozen	7,416.6	6,649.9	90
Layers on November 1			
Total layers 1,000	400,204	387,770	97
Table egg type 1,000	337,628	324,073	96
Hatching egg type 1,000	62,576	63,697	102
Broiler-type hatching 1,000	59,038	60,560	103
Egg-type hatching 1,000	3,538	3,137	89
Eggs per 100 layers on November 1			
Total layers number	78.9	79.7	101
Table egg type number	82.0	82.9	101
Hatching egg type number	62.3	63.3	102
Broiler-type hatching number	61.0	62.5	102
Egg-type hatching number	83.1	80.2	97
Molted layers on November 1			
Being molted percent	1.5	1.2	80
Molt completed percent	13.2	15.6	118
Layers sold for slaughter during October 1,000	12,720.7	14,360.6	113
Layers rendered, died, destroyed, composted or disappeared for any reason during October 1,000	11,164.8	9,011.2	81
Pullets on November 1 1,000	124,005	119,919	97
Pullets added during October ¹ 1,000	27,273.3	27,423.3	101

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 2019 and 2020**

Item	2019	2020	2020 as percent of 2019
Layers during November			
Total layers 1,000	401,764	388,859	97
Table egg type 1,000	339,211	324,642	96
Hatching egg type 1,000	62,553	64,217	103
Broiler-type hatching 1,000	59,058	61,006	103
Egg-type hatching 1,000	3,495	3,211	92
Eggs per 100 layers during November			
Total layers number	2,364	2,396	101
Table egg type number	2,455	2,493	102
Hatching egg type number	1,866	1,903	102
Broiler-type hatching number	1,829	1,875	103
Egg-type hatching number	2,501	2,448	98
Eggs produced during November			
Total layers million	9,496.8	9,315.4	98
Table egg type million	8,329.3	8,093.2	97
Hatching egg type million	1,167.5	1,222.2	105
Broiler-type hatching million	1,080.1	1,143.6	106
Egg-type hatching million	87.4	78.6	90
Eggs produced during November			
Total layers 1,000 dozen	791,399.9	776,283.3	98
Table egg type 1,000 dozen	694,108.5	674,433.4	97
Hatching egg type 1,000 dozen	97,291.4	101,849.9	105
Broiler-type hatching 1,000 dozen	90,008.4	95,299.9	106
Egg-type hatching 1,000 dozen	7,283.0	6,550.0	90
Layers on December 1			
Total layers 1,000	403,273	389,920	97
Table egg type 1,000	340,766	325,199	95
Hatching egg type 1,000	62,507	64,721	104
Broiler-type hatching 1,000	59,065	61,440	104
Egg-type hatching 1,000	3,442	3,281	95
Eggs per 100 layers on December 1			
Total layers number	78.6	80.0	102
Table egg type number	81.7	83.2	102
Hatching egg type number	62.1	63.5	102
Broiler-type hatching number	60.9	62.4	102
Egg-type hatching number	83.5	83.1	100
Molted layers on December 1			
Being molted percent	0.9	1.0	111
Molt completed percent	12.9	15.0	116
Layers sold for slaughter during November 1,000	14,334.9	13,792.4	96
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	11,572.4	9,203.0	80
Pullets on December 1 1,000	122,095	120,166	98
Pullets added during November ¹ 1,000	28,794.2	27,345.1	95

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

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

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2019	2020	2019	2020	2019	2020
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,455	1,407	9,933	10,496	1,955	1,966
Arkansas	(D)	(D)	14,446	16,413	2,065	2,112
California	12,763	12,937	13,395	13,646	2,473	2,439
Colorado	4,602	4,771	5,115	5,279	2,612	2,605
Georgia	9,206	9,824	19,516	20,054	2,159	2,236
Illinois	6,012	5,882	6,596	6,451	2,596	2,437
Indiana	33,596	33,558	34,832	34,839	2,435	2,551
Iowa	55,778	45,815	57,588	47,643	2,540	2,625
Kentucky	(D)	(D)	5,735	5,957	2,225	2,337
Maryland	2,401	2,402	2,605	2,616	2,499	2,504
Michigan	14,189	14,465	14,483	14,760	2,507	2,593
Minnesota	10,142	7,773	10,646	8,265	2,531	2,701
Mississippi	(D)	(D)	5,651	5,246	2,152	2,213
Missouri	7,542	7,905	12,639	12,978	2,553	2,503
Nebraska	8,699	7,709	9,267	8,234	2,511	2,563
New York	5,074	5,233	5,606	5,790	2,542	2,613
North Carolina	7,029	7,101	15,609	15,384	2,168	2,260
Ohio	34,939	33,070	36,145	34,287	2,525	2,530
Oklahoma	(D)	(D)	2,957	2,600	2,002	1,873
Oregon	2,111	2,012	2,304	2,183	2,704	2,574
Pennsylvania	27,763	27,824	30,302	30,326	2,580	2,572
South Carolina	2,649	2,368	3,951	3,623	2,111	2,186
South Dakota	2,795	2,548	2,850	2,603	2,716	2,724
Texas	(D)	(D)	22,184	23,287	2,299	2,386
Utah	4,508	4,950	4,560	5,002	2,667	2,587
Virginia	934	903	2,663	2,653	2,407	2,326
Washington	6,532	6,537	6,695	6,702	2,574	2,537
Wisconsin	6,305	6,677	7,404	7,775	2,595	2,453
Other States ¹	26,709	25,536	32,727	31,394	2,393	2,426
United States	320,620	307,073	398,404	386,486	2,426	2,458

(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 2019 and 2020

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2019	2020	2019	2020	2019	2020
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,421	1,442	9,970	10,490	1,883	1,918
Arkansas	(D)	(D)	14,818	16,413	2,002	2,034
California	12,871	13,258	13,485	13,953	2,400	2,383
Colorado	4,760	4,919	5,273	5,427	2,520	2,504
Georgia	9,368	9,873	19,768	20,080	2,126	2,177
Illinois	5,676	5,809	6,239	6,362	2,451	2,460
Indiana	34,207	33,945	35,497	35,277	2,420	2,483
Iowa	56,354	46,158	58,127	47,987	2,444	2,559
Kentucky	(D)	(D)	5,703	5,888	2,173	2,335
Maryland	2,537	2,385	2,737	2,598	2,419	2,463
Michigan	14,664	14,414	14,959	14,709	2,474	2,507
Minnesota	9,464	7,735	9,949	8,238	2,391	2,598
Mississippi	(D)	(D)	5,626	5,388	2,121	2,159
Missouri	7,349	7,674	12,491	12,867	2,491	2,481
Nebraska	8,536	7,283	9,128	7,841	2,469	2,534
New York	5,250	5,267	5,783	5,829	2,502	2,532
North Carolina	7,368	7,616	15,971	15,899	2,114	2,194
Ohio	35,467	33,381	36,675	34,593	2,506	2,487
Oklahoma	(D)	(D)	2,889	2,618	1,925	1,761
Oregon	2,111	1,950	2,293	2,121	2,512	2,593
Pennsylvania	28,119	28,117	30,650	30,604	2,499	2,448
South Carolina	2,610	2,431	3,924	3,726	2,082	2,128
South Dakota	2,700	2,556	2,755	2,611	2,642	2,624
Texas	(D)	(D)	22,266	23,585	2,229	2,355
Utah	4,541	4,959	4,593	5,011	2,615	2,556
Virginia	924	896	2,676	2,704	2,384	2,322
Washington	6,676	6,657	6,839	6,822	2,519	2,394
Wisconsin	6,689	6,811	7,785	7,907	2,475	2,375
Other States ¹	26,900	25,404	32,895	31,311	2,338	2,375
United States	323,631	308,957	401,764	388,859	2,364	2,396

(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 2019 and 2020

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	194.2	206.3	39.2	37.2	155.0	169.1
Arkansas	298.3	346.6	(D)	(D)	(D)	(D)
California	331.2	332.8	(D)	(D)	(D)	(D)
Colorado	133.6	137.5	(D)	(D)	(D)	(D)
Georgia	421.3	448.5	224.5	250.5	196.8	198.0
Illinois	171.2	157.2	167.5	153.2	3.7	4.0
Indiana	848.3	888.9	832.9	872.4	15.4	16.5
Iowa	1,462.6	1,250.6	1,442.1	1,229.1	20.5	21.5
Kentucky	127.6	139.2	(D)	(D)	(D)	(D)
Maryland	65.1	65.5	63.4	63.9	1.7	1.6
Michigan	363.1	382.8	(D)	(D)	(D)	(D)
Minnesota	269.4	223.2	262.7	216.2	6.7	7.0
Mississippi	121.6	116.1	(D)	(D)	(D)	(D)
Missouri	322.7	324.9	284.9	287.8	37.8	37.1
Nebraska	232.7	211.0	220.9	201.2	11.8	9.8
New York	142.5	151.3	(D)	(D)	(D)	(D)
North Carolina	338.4	347.7	181.1	187.9	157.3	159.8
Ohio	912.7	867.5	(D)	(D)	(D)	(D)
Oklahoma	59.2	48.7	(D)	(D)	(D)	(D)
Oregon	62.3	56.2	62.3	56.2	-	-
Pennsylvania	781.9	780.0	753.5	750.7	28.4	29.3
South Carolina	83.4	79.2	60.6	55.8	22.8	23.4
South Dakota	77.4	70.9	77.4	70.9	-	-
Texas	510.0	555.6	(D)	(D)	(D)	(D)
Utah	121.6	129.4	121.6	129.4	-	-
Virginia	64.1	61.7	33.8	30.8	30.3	30.9
Washington	172.3	170.0	(D)	(D)	(D)	(D)
Wisconsin	192.1	190.7	186.7	185.4	5.4	5.3
Other States ¹	783.1	761.7	707.5	688.5	75.6	73.2
United States	9,663.9	9,501.7	8,458.0	8,246.9	1,205.9	1,254.8

- 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 2019 and 2020

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	187.7	201.2	37.2	38.0	150.5	163.2
Arkansas	296.6	333.8	(D)	(D)	(D)	(D)
California	323.7	332.5	(D)	(D)	(D)	(D)
Colorado	132.9	135.9	(D)	(D)	(D)	(D)
Georgia	420.2	437.2	228.4	246.0	191.8	191.2
Illinois	152.9	156.5	149.5	152.7	3.4	3.8
Indiana	859.0	875.8	843.5	859.0	15.5	16.8
Iowa	1,420.4	1,227.8	1,399.6	1,208.1	20.8	19.7
Kentucky	123.9	137.5	(D)	(D)	(D)	(D)
Maryland	66.2	64.0	64.7	62.4	1.5	1.6
Michigan	370.1	368.8	(D)	(D)	(D)	(D)
Minnesota	237.9	214.0	231.7	207.4	6.2	6.6
Mississippi	119.3	116.3	(D)	(D)	(D)	(D)
Missouri	311.2	319.2	274.6	281.8	36.6	37.4
Nebraska	225.4	198.7	213.4	189.1	12.0	9.6
New York	144.7	147.6	(D)	(D)	(D)	(D)
North Carolina	337.7	348.9	186.3	192.8	151.4	156.1
Ohio	919.0	860.3	(D)	(D)	(D)	(D)
Oklahoma	55.6	46.1	(D)	(D)	(D)	(D)
Oregon	57.6	55.0	57.6	55.0	-	-
Pennsylvania	766.0	749.3	738.2	721.4	27.8	27.9
South Carolina	81.7	79.3	59.2	55.4	22.5	23.9
South Dakota	72.8	68.5	72.8	68.5	-	-
Texas	496.2	555.5	(D)	(D)	(D)	(D)
Utah	120.1	128.1	120.1	128.1	-	-
Virginia	63.8	62.8	34.1	31.9	29.7	30.9
Washington	172.3	163.3	(D)	(D)	(D)	(D)
Wisconsin	192.7	187.8	187.4	182.9	5.3	4.9
Other States ¹	769.2	743.7	697.5	671.4	71.7	72.3
United States	9,496.8	9,315.4	8,329.3	8,093.2	1,167.5	1,222.2

- 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: October 2019 and 2020

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	16,183.4	17,191.7	3,266.7	3,100.0	12,916.7	14,091.7
Arkansas	24,858.3	28,883.4	(D)	(D)	(D)	(D)
California	27,599.9	27,733.4	(D)	(D)	(D)	(D)
Colorado	11,133.3	11,458.3	(D)	(D)	(D)	(D)
Georgia	35,108.3	37,375.0	18,708.3	20,875.0	16,400.0	16,500.0
Illinois	14,266.7	13,100.0	13,958.4	12,766.7	308.3	333.3
Indiana	70,691.7	74,075.0	69,408.4	72,700.0	1,283.3	1,375.0
Iowa	121,883.3	104,216.6	120,175.0	102,425.0	1,708.3	1,791.6
Kentucky	10,633.4	11,599.9	(D)	(D)	(D)	(D)
Maryland	5,425.0	5,458.3	5,283.3	5,325.0	141.7	133.3
Michigan	30,258.3	31,900.0	(D)	(D)	(D)	(D)
Minnesota	22,450.0	18,600.0	21,891.6	18,016.6	558.4	583.4
Mississippi	10,133.3	9,675.0	(D)	(D)	(D)	(D)
Missouri	26,891.6	27,075.1	23,741.6	23,983.4	3,150.0	3,091.7
Nebraska	19,391.6	17,583.4	18,408.3	16,766.7	983.3	816.7
New York	11,874.9	12,608.3	(D)	(D)	(D)	(D)
North Carolina	28,200.0	28,975.0	15,091.7	15,658.3	13,108.3	13,316.7
Ohio	76,058.4	72,291.7	(D)	(D)	(D)	(D)
Oklahoma	4,933.4	4,058.3	(D)	(D)	(D)	(D)
Oregon	5,191.6	4,683.4	5,191.6	4,683.4	-	-
Pennsylvania	65,158.4	64,999.9	62,791.7	62,558.3	2,366.7	2,441.6
South Carolina	6,950.0	6,600.0	5,050.0	4,650.0	1,900.0	1,950.0
South Dakota	6,450.0	5,908.3	6,450.0	5,908.3	-	-
Texas	42,500.1	46,299.9	(D)	(D)	(D)	(D)
Utah	10,133.4	10,783.3	10,133.4	10,783.3	-	-
Virginia	5,341.7	5,141.7	2,816.7	2,566.7	2,525.0	2,575.0
Washington	14,358.3	14,166.7	(D)	(D)	(D)	(D)
Wisconsin	16,008.4	15,891.7	15,558.4	15,450.0	450.0	441.7
Other States ¹	65,258.3	63,475.1	58,958.3	57,375.1	6,300.0	6,100.0
United States	805,325.0	791,808.4	704,833.4	687,241.8	100,491.6	104,566.6

- 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 2019 and 2020

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2019	2020	2019	2020	2019	2020
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	15,641.7	16,766.6	3,100.0	3,166.6	12,541.7	13,600.0
Arkansas	24,716.7	27,816.7	(D)	(D)	(D)	(D)
California	26,974.9	27,708.4	(D)	(D)	(D)	(D)
Colorado	11,075.1	11,325.1	(D)	(D)	(D)	(D)
Georgia	35,016.6	36,433.3	19,033.3	20,500.0	15,983.3	15,933.3
Illinois	12,741.7	13,041.7	12,458.4	12,725.0	283.3	316.7
Indiana	71,583.4	72,983.3	70,291.7	71,583.3	1,291.7	1,400.0
Iowa	118,366.7	102,316.6	116,633.3	100,675.0	1,733.4	1,641.6
Kentucky	10,325.0	11,458.3	(D)	(D)	(D)	(D)
Maryland	5,516.7	5,333.4	5,391.7	5,200.0	125.0	133.4
Michigan	30,841.7	30,733.3	(D)	(D)	(D)	(D)
Minnesota	19,825.0	17,833.4	19,308.3	17,283.4	516.7	550.0
Mississippi	9,941.6	9,691.6	(D)	(D)	(D)	(D)
Missouri	25,933.3	26,600.1	22,883.3	23,483.4	3,050.0	3,116.7
Nebraska	18,783.3	16,558.3	17,783.3	15,758.3	1,000.0	800.0
New York	12,058.3	12,300.0	(D)	(D)	(D)	(D)
North Carolina	28,141.7	29,074.9	15,525.0	16,066.6	12,616.7	13,008.3
Ohio	76,583.3	71,691.6	(D)	(D)	(D)	(D)
Oklahoma	4,633.4	3,841.7	(D)	(D)	(D)	(D)
Oregon	4,800.0	4,583.4	4,800.0	4,583.4	-	-
Pennsylvania	63,833.2	62,441.7	61,516.6	60,116.7	2,316.6	2,325.0
South Carolina	6,808.3	6,608.3	4,933.3	4,616.6	1,875.0	1,991.7
South Dakota	6,066.7	5,708.4	6,066.7	5,708.4	-	-
Texas	41,350.0	46,291.7	(D)	(D)	(D)	(D)
Utah	10,008.4	10,675.0	10,008.4	10,675.0	-	-
Virginia	5,316.6	5,233.3	2,841.6	2,658.3	2,475.0	2,575.0
Washington	14,358.4	13,608.3	(D)	(D)	(D)	(D)
Wisconsin	16,058.2	15,650.0	15,616.6	15,241.7	441.6	408.3
Other States ¹	64,100.0	61,974.9	58,125.1	55,949.9	5,974.9	6,025.0
United States	791,399.9	776,283.3	694,108.5	674,433.4	97,291.4	101,849.9

- 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: 2019-2020

Month	Being molted		Molt completed	
	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)
January	1.5	1.7	13.5	11.8
February	2.5	2.2	13.2	12.0
March	1.5	1.7	13.8	12.3
April	1.3	1.3	13.7	12.2
May	2.5	3.5	13.1	11.0
June	2.0	4.5	13.3	11.8
July	2.0	2.3	13.3	13.8
August	2.0	1.5	13.3	14.8
September	2.0	2.3	13.0	14.1
October	1.9	2.3	13.0	14.8
November	1.5	1.2	13.2	15.6
December	0.9	1.0	12.9	15.0

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

State	Being molted				Molt completed			
	November 1		December 1		November 1		December 1	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1.0	0.5	0.5	0.5	7.0	5.5	8.0	5.5
Arkansas	1.0	1.0	1.0	1.0	10.0	14.0	10.5	14.0
California	1.0	0.5	0.5	1.5	10.0	8.5	10.0	7.5
Colorado	-	-	-	-	8.0	6.5	7.5	5.5
Georgia	3.0	1.5	0.5	-	13.0	12.5	14.5	13.0
Illinois	-	-	-	-	7.0	4.5	5.0	2.0
Indiana	-	1.0	-	1.0	17.5	13.0	16.5	12.5
Iowa	2.5	0.5	1.5	1.0	17.0	14.5	17.0	14.0
Kentucky	5.0	-	2.0	1.5	3.0	9.5	3.5	8.0
Maryland	-	-	-	-	-	-	-	-
Michigan	1.0	-	2.5	0.5	5.0	2.0	3.5	2.0
Minnesota	1.5	-	0.5	-	3.0	22.0	1.5	20.5
Mississippi	1.0	-	-	1.0	21.5	22.5	21.5	21.5
Missouri	1.0	2.0	-	-	4.5	5.0	5.0	6.5
Nebraska	1.0	1.0	-	-	8.5	31.0	7.0	30.5
New York	-	-	-	-	9.0	1.0	8.0	0.5
North Carolina	-	-	-	-	3.5	10.5	3.5	10.0
Ohio	2.5	0.5	1.0	1.0	15.0	21.5	14.0	20.0
Oklahoma	-	8.5	-	0.5	6.0	18.0	-	25.5
Oregon	1.5	-	-	-	-	-	1.5	-
Pennsylvania	-	4.0	3.0	3.5	2.0	5.5	2.0	4.5
South Carolina	2.5	2.0	-	-	22.0	22.0	22.5	21.5
South Dakota	-	-	-	-	3.0	-	3.0	-
Texas	4.5	1.0	1.0	1.5	39.0	48.0	39.0	46.5
Utah	0.5	5.0	-	-	26.5	20.0	23.5	24.0
Virginia	-	-	-	-	-	-	-	-
Washington	-	4.5	1.5	4.5	15.0	12.0	13.0	11.5
Wisconsin	-	-	-	-	6.5	23.0	1.5	22.5
Other States ¹	2.4	1.7	1.3	1.3	20.2	24.7	20.6	23.5
United States	1.5	1.2	0.9	1.0	13.2	15.6	12.9	15.0

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2019 and 2020

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on December 1	47,798	53,170	111
Chicks hatched during November	48,113	48,042	100
Chicks hatched January through November	584,762	571,092	98
Pullets hatched during November for intended placements:			
Hatchery supply flocks	198	169	85
Cumulative potential placements 7-18 months earlier ¹	2,669	3,231	121
Broiler-type			
Eggs in incubators on December 1	711,590	701,316	99
Chicks hatched during November	796,660	782,967	98
Chicks hatched January through November	9,061,408	9,023,997	100
Pullets hatched during November for intended placements:			
Hatchery supply flocks	8,141	8,304	102
Cumulative potential placements 7-15 months earlier ²	71,306	73,333	103

¹ 2020 includes pullet chicks hatched May 2019 through April 2020.

² 2020 includes pullet chicks hatched August 2019 through April 2020.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2019 and 2020

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
January	51,443	47,756	93
February	55,001	50,243	91
March	53,586	49,225	92
April	58,422	57,631	99
May	55,489	49,575	89
June	51,648	50,029	97
July	47,615	46,093	97
August	47,490	46,242	97
September	47,878	47,296	99
October	48,512	46,624	96
November	48,069	44,601	93
December	47,798	53,170	111

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

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

Month	Monthly			Cumulative		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	55,850	52,825	95	55,850	52,825	95
February	52,182	48,169	92	108,032	100,994	93
March	55,658	56,065	101	163,690	157,059	96
April	60,668	60,931	100	224,358	217,990	97
May	60,816	52,790	87	285,174	270,780	95
June	51,858	55,537	107	337,032	326,317	97
July	50,919	46,140	91	387,951	372,457	96
August	46,246	50,007	108	434,197	422,464	97
September	50,386	49,989	99	484,583	472,453	97
October	52,066	50,597	97	536,649	523,050	97
November	48,113	48,042	100	584,762	571,092	98
December	46,114			630,876		

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

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

Month	Pullet chicks hatched		2020 as percent of 2019	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2019	2020		2020	2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	268	265	99	2,791	3,352
February	201	482	240	2,887	3,391
March	189	322	170	2,818	3,567
April	295	243	82	2,954	3,482
May	215	233	108	2,882	3,480
June	270	373	138	2,838	3,451
July	255	294	115	2,872	
August	194	370	191	2,869	
September	286	201	70	3,150	
October	199	197	99	3,283	
November	198	169	85	3,231	
December	302			3,249	
Annual total	2,872				

¹ For November 2020, includes breeder pullet chicks hatched May 2019 through April 2020. The 7-18 months represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements.

Broiler-Type Eggs in Incubators on the First of the Month – United States: 2019 and 2020

Item	2019	2020	2020 as percent of 2019
	(1,000)	(1,000)	(percent)
January	683,775	715,246	105
February	687,702	716,997	104
March	694,560	718,593	103
April	696,510	711,218	102
May	703,505	660,894	94
June	705,839	701,891	99
July	694,935	700,493	101
August	700,675	687,522	98
September	694,562	691,851	100
October	674,657	665,453	99
November	677,193	664,565	98
December	711,590	701,316	99

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

State	During November			January-November		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	111,436	107,725	97	1,235,813	1,275,343	103
Arkansas	79,544	79,193	100	954,516	908,076	95
Delaware	18,738	16,510	88	204,628	184,142	90
Florida	4,169	4,269	102	46,504	46,733	100
Georgia	115,960	114,370	99	1,358,019	1,320,383	97
Kentucky	25,820	24,920	97	296,961	289,307	97
Louisiana	12,582	11,232	89	144,284	131,721	91
Maryland	27,504	27,029	98	314,498	312,153	99
Mississippi	63,565	60,036	94	734,336	692,126	94
Missouri	29,224	29,571	101	335,169	348,027	104
North Carolina	85,654	82,841	97	930,122	935,143	101
Oklahoma	24,937	22,771	91	293,655	275,838	94
Pennsylvania	19,205	22,306	116	214,567	247,224	115
South Carolina	19,676	18,669	95	222,877	215,283	97
Texas	59,403	60,157	101	673,777	679,085	101
Virginia	22,429	22,065	98	251,344	242,998	97
California, Tennessee, and West Virginia	41,365	41,310	100	467,323	479,923	103
Other States ¹	35,449	37,993	107	383,015	440,492	115
United States	796,660	782,967	98	9,061,408	9,023,997	100

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

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

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

Month	Monthly			Cumulative		
	2019	2020	2020 as percent of 2019	2019	2020	2020 as percent of 2019
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	828,918	861,200	104	828,918	861,200	104
February	750,551	806,862	108	1,579,469	1,668,062	106
March	837,361	859,346	103	2,416,830	2,527,408	105
April	819,404	773,623	94	3,236,234	3,301,031	102
May	857,507	807,506	94	4,093,741	4,108,537	100
June	833,708	828,448	99	4,927,449	4,936,985	100
July	850,393	850,755	100	5,777,842	5,787,740	100
August	855,076	837,619	98	6,632,918	6,625,359	100
September	815,567	810,221	99	7,448,485	7,435,580	100
October	816,263	805,450	99	8,264,748	8,241,030	100
November	796,660	782,967	98	9,061,408	9,023,997	100
December	857,789			9,919,197		

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

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

Month	Pullet chicks hatched		2020 as percent of 2019	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2019	2020		2020	2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	7,478	7,482	100	72,170	72,886
February	7,882	8,135	103	73,411	73,590
March	8,222	8,547	104	73,604	73,660
April	7,339	8,161	111	73,624	74,741
May	8,767	8,188	93	73,677	75,331
June	8,717	8,074	93	73,936	75,500
July	8,510	8,235	97	74,341	
August	8,094	8,211	101	74,484	
September	8,615	9,708	113	73,852	
October	7,531	8,072	107	73,682	
November	8,141	8,304	102	73,333	
December	8,627			73,427	
Annual total	97,923				
Total placements ²					
January	8,957	9,022	101		
February	9,525	9,581	101		
March	10,161	10,183	100		
April	9,146	9,700	106		
May	10,797	9,860	91		
June	10,606	9,713	92		
July	10,444	9,726	93		
August	9,763	9,902	101		
September	10,468	11,729	112		
October	9,063	9,975	110		
November	9,653	9,965	103		
December	10,365				
Annual total	118,948				

¹ For November 2020, includes breeder pullet chicks hatched August 2019 through April 2020.

² United States production of intended placements worldwide.

Terms and Definitions of Chickens and Eggs Estimates

Total Layers includes both table egg and hatching egg flocks regardless of size.

Intended Placements are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

Molted Layers is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

Statistical Methodology

Survey Procedures: Primary data for the *Chickens and Eggs* report are from weekly and/or monthly questionnaires sent to producers. An attempt is made to collect information for layer and egg estimates from each known contractor and independent producer who has at least 30,000 table egg layers, flocks of hatchery supply layers, or pullet only operations with at least 500 pullets. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 500 contractors, independent egg producers, and pullet only operations are contacted each month. Data for broiler hatchery estimates are collected weekly from all broiler-type hatcheries that hatch at least one million chicks a year. Data for egg-type hatchery estimates are collected monthly from all egg-type hatcheries that hatch at least 50,000 chicks a year.

Estimating Procedures: Sound statistical methodology is employed to derive estimates from the reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations are estimated based on similar operations or historical data. NASS regional field offices prepare these estimates by using a combination of survey indications and historic trends. Individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness.

For chicken hatcheries, chicks hatched consist of all chicks of domesticated breeds including males and chicks destined for hatchery supply flocks and research purposes. Eggs set are eggs in incubators for the purpose of hatching. The relationship of egg-type chicks hatched to chicken inventory and poultry marketings are carefully monitored. The disposition of egg-type chicks hatched prior to placement into the laying flock can vary significantly, which can make comparisons to changes in layer inventory inconsistent over time. Broiler chicks placed are specifically for meat production. Intended placement data reported by leading breeders include pullet chicks expected from eggs sold the preceding month. The breeders in this report account for a large percentage of replacement pullets for hatchery supply flocks. Production of replacement pullets by these breeders indicates the number of pullets available to hatchery supply layer flocks several months before the pullets will actually move into the laying flocks. "Hatchery Supply Flocks" include all generations of layers which could lay eggs to supply a hatchery. This includes the generations of parents, grandparents, great-grandparents, pedigree, etc. Also included are research flocks, vaccine flocks, and specific pathogen-free flocks. The broiler cumulative potential placements are a moving total of the intended placements 7-15 months earlier. The egg-type cumulative potential placements of 7-18 months earlier represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements of egg-type hatching flocks.

Revision Policy: The previous month's estimates are subject to revision if late reports or corrected data indicates a different level. Additionally, revisions after the monthly report will be made at the end of the marketing year and published in the annual reports of *Chickens and Eggs Summary* and *Hatchery Production Summary*. Estimates will also be reviewed for chickens and eggs after data from the 5-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Estimates are based on a census of all known contractors and independent producers who have at least 30,000 table egg layers, flocks of hatchery supply layers, pullet only operations with at least 500 pullets, or operating hatcheries and therefore, have no sampling error. However, estimates are subject to errors such as omission, duplication, and mistakes in reporting, recording, and processing the data. While these errors cannot be measured directly, they are minimized through strict quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

To assist in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for total layers over the past 24 months is 1.0 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 389 million layers by more than 1.0 percent. Chances are 9 out of 10 that the difference will not exceed 1.7 percent.

Reliability of Layer and Egg Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
Total layers	(percent) 1.0	(percent) 1.7	(1,000) 2,269.6	(1,000) 42	(1,000) 10,347	(number) 20	(number) 4
Eggs	1.0	1.7	(million) 55.5	(million) 1	(million) 257	20	4

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Tony Dorn, Head, Poultry and Specialty Commodities Section	(202) 690-3223
Holly Brenize – Poultry Slaughter.....	(202) 720-0585
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses	(202) 720-4751
Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture	(202) 720-8784
Fatema Haque – Turkey Hatchery, Turkeys Raised	(202) 720-3244
Derron Martin – Chicken Hatchery, Egg Products.....	(202) 690-3237
Adam Peters – 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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