



Chickens and Eggs

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November Egg Production Up 10 Percent

United States egg production totaled 8.53 billion during November 2016, up 10 percent from last year. Production included 7.44 billion table eggs, and 1.09 billion hatching eggs, of which 1.01 billion were broiler-type and 81.0 million were egg-type. The total number of layers during November 2016 averaged 367 million, up 7 percent from last year. November egg production per 100 layers was 2,328 eggs, up 3 percent from November 2015.

All layers in the United States on December 1, 2016 totaled 369 million, up 6 percent from last year. The 369 million layers consisted of 312 million layers producing table or market type eggs, 53.6 million layers producing broiler-type hatching eggs, and 3.49 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2016, averaged 77.9 eggs per 100 layers, up 3 percent from December 1, 2015.

Egg-Type Chicks Hatched Down 7 Percent

Egg-type chicks hatched during November 2016 totaled 42.5 million, down 7 percent from November 2015. Eggs in incubators totaled 46.1 million on December 1, 2016, down 4 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 270 thousand during November 2016, up 24 percent from November 2015.

Broiler-Type Chicks Hatched Up 4 Percent

Broiler-type chicks hatched during November 2016 totaled 760 million, up 4 percent from November 2015. Eggs in incubators totaled 659 million on December 1, 2016, up 2 percent from a year ago.

Leading breeders placed 7.71 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2016, up 7 percent from November 2015.

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Average Number of All Layers on Hand During the Month – United States: 2015-2016

Month	2015		2016	
	(1,000 layers)		(1,000 layers)	
December ¹		369,521		347,847
January		366,702		351,297
February		365,440		357,103
March		365,951		361,243
April		361,956		361,126
May		345,342		360,621
June		332,622		359,284
July		333,250		357,644
August		334,491		358,512
September		336,610		360,431
October		339,431		362,709
November		343,469		366,523

¹December preceding year.

Egg Production During the Month by Type – United States: 2015-2016

[Totals may not add due to rounding]

Month	Total eggs		Table eggs		Hatching eggs	
	2015	2016	2015	2016	2015	2016
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	8,823.7	8,116.8	7,726.5	6,985.4	1,097.2	1,131.4
January	8,611.6	8,152.4	7,503.1	7,018.9	1,108.5	1,133.5
February	7,685.7	7,818.4	6,684.7	6,755.6	1,001.0	1,062.8
March	8,634.0	8,495.5	7,515.2	7,356.8	1,118.8	1,138.7
April	8,294.0	8,206.5	7,198.5	7,095.5	1,095.5	1,111.0
May	8,075.9	8,509.4	6,936.4	7,355.4	1,139.5	1,154.0
June	7,508.6	8,208.4	6,400.8	7,098.7	1,107.8	1,109.7
July	7,774.5	8,497.5	6,629.2	7,350.5	1,145.3	1,147.0
August	7,798.2	8,551.7	6,655.4	7,409.0	1,142.8	1,142.7
September	7,562.3	8,297.5	6,465.1	7,204.2	1,097.2	1,093.3
October	7,871.7	8,661.4	6,743.1	7,534.7	1,128.6	1,126.7
November	7,762.9	8,531.9	6,670.5	7,439.7	1,092.4	1,092.2

¹ December preceding year.

Egg Production During the Month in Dozens by Type – United States: 2015-2016

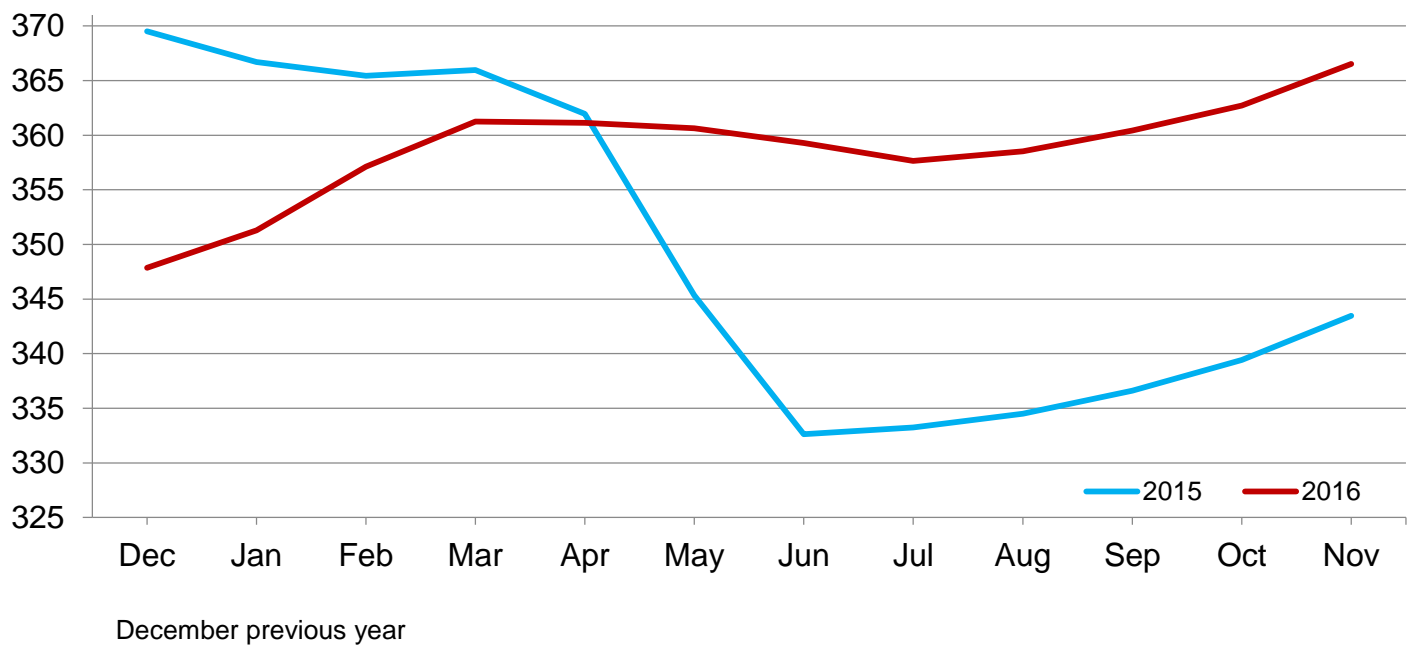
[Totals may not add due to rounding]

Month	Total eggs		Table eggs		Hatching eggs	
	2015	2016	2015	2016	2015	2016
	(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	735,308.0	676,400.6	643,874.7	582,117.1	91,433.3	94,283.5
January	717,633.8	679,366.9	625,258.7	584,908.6	92,375.1	94,458.3
February	640,475.0	651,533.4	557,058.6	562,966.9	83,416.4	88,566.5
March	719,500.3	707,958.2	626,266.9	613,066.4	93,233.4	94,891.8
April	691,166.9	683,875.0	599,875.3	591,291.7	91,291.6	92,583.3
May	672,991.4	709,116.9	578,033.2	612,950.1	94,958.2	96,166.8
June	625,716.8	684,033.6	533,400.2	591,558.6	92,316.6	92,475.0
July	647,875.3	708,125.4	552,433.7	612,541.9	95,441.6	95,583.5
August	649,850.4	712,641.5	554,617.0	617,416.8	95,233.4	95,224.7
September	630,191.8	691,459.1	538,758.6	600,350.8	91,433.2	91,108.3
October	655,975.0	721,783.0	561,924.9	627,891.4	94,050.1	93,891.6
November	646,908.4	710,992.2	555,875.1	619,975.5	91,033.3	91,016.7

¹ December preceding year.

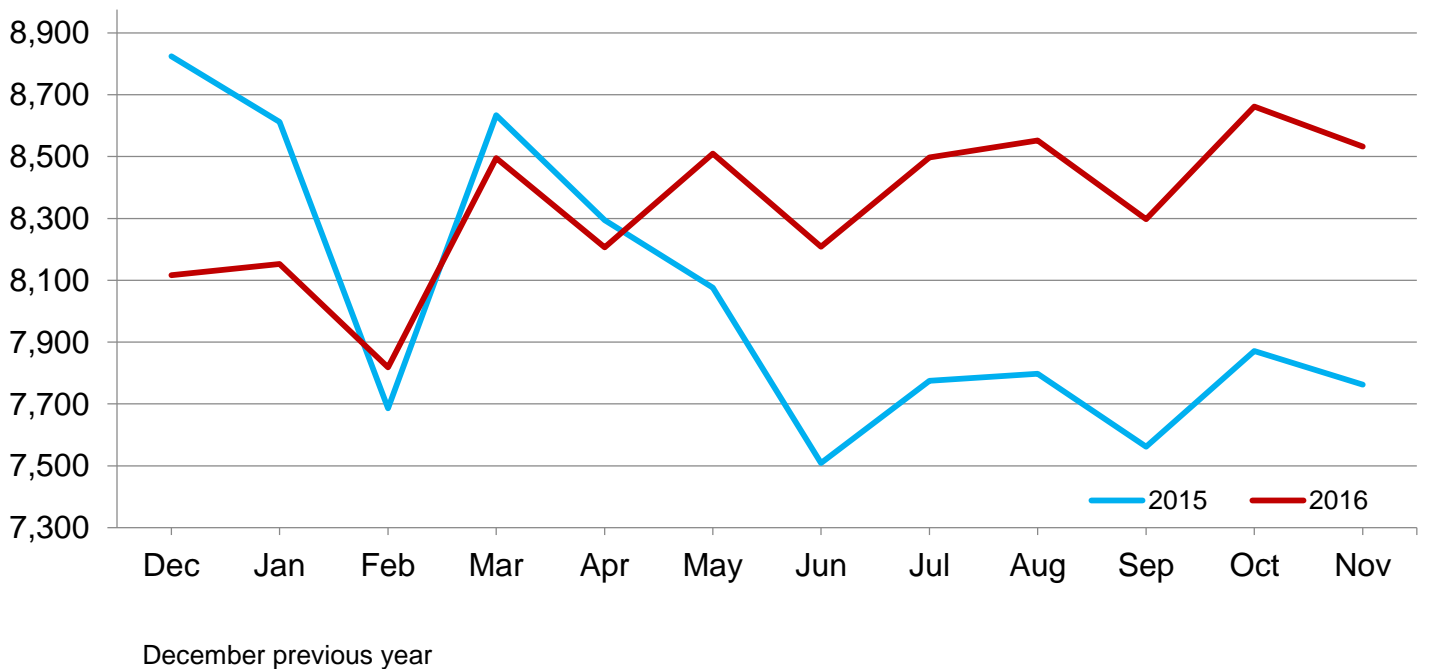
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:
October-November 2015 and 2016**

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during October			
All layers 1,000	339,431	362,709	107
Table egg type 1,000	281,677	305,852	109
Hatching egg type 1,000	57,754	56,857	98
Broiler-type hatching 1,000	54,366	53,429	98
Egg-type hatching 1,000	3,388	3,428	101
Eggs per 100 layers during October			
All layers number	2,319	2,388	103
Table egg type number	2,394	2,464	103
Hatching egg type number	1,954	1,982	101
Broiler-type hatching number	1,925	1,950	101
Egg-type hatching number	2,426	2,471	102
Eggs produced during October			
All layers million	7,871.7	8,661.4	110
Table egg type million	6,743.1	7,534.7	112
Hatching egg type million	1,128.6	1,126.7	100
Broiler-type hatching million	1,046.4	1,042.0	100
Egg-type hatching million	82.2	84.7	103
Eggs produced during October			
All layers 1,000 dozen	655,975.0	721,783.0	110
Table egg type 1,000 dozen	561,924.9	627,891.4	112
Hatching egg type 1,000 dozen	94,050.1	93,891.6	100
Broiler-type hatching 1,000 dozen	87,200.2	86,833.3	100
Egg-type hatching 1,000 dozen	6,849.9	7,058.3	103
Layers on November 1			
All layers 1,000	340,554	364,327	107
Table egg type 1,000	282,642	307,647	109
Hatching egg type 1,000	57,912	56,680	98
Broiler-type hatching 1,000	54,434	53,311	98
Egg-type hatching 1,000	3,478	3,369	97
Eggs per 100 layers on November 1			
All layers number	75.1	77.2	103
Table egg type number	77.5	79.6	103
Hatching egg type number	62.9	64.2	102
Broiler-type hatching number	62.0	63.2	102
Egg-type hatching number	77.2	79.8	103
Molted layers on November 1			
Being molted percent	3.4	2.2	65
Molt completed percent	21.3	16.3	77
Layers sold for slaughter during October 1,000	14,639.0	16,168.5	110
Layers rendered, died, destroyed, composted or disappeared for any reason during October 1,000	4,986.8	8,222.7	165
Pullets on November 1 1,000	116,064	111,483	96
Pullets added during October ¹ 1,000	26,279.3	24,445.4	93

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 2015 and 2016

[Totals may not add due to rounding]

Item	2015	2016	2016 as percent of 2015
Layers during November			
All layers 1,000	343,469	366,523	107
Table egg type 1,000	285,491	309,621	108
Hatching egg type 1,000	57,978	56,902	98
Broiler-type hatching 1,000	54,463	53,467	98
Egg-type hatching 1,000	3,515	3,435	98
Eggs per 100 layers during November			
All layers number	2,260	2,328	103
Table egg type number	2,337	2,403	103
Hatching egg type number	1,884	1,919	102
Broiler-type hatching number	1,853	1,891	102
Egg-type hatching number	2,370	2,358	99
Eggs produced during November			
All layers million	7,762.9	8,531.9	110
Table egg type million	6,670.5	7,439.7	112
Hatching egg type million	1,092.4	1,092.2	100
Broiler-type hatching million	1,009.1	1,011.2	100
Egg-type hatching million	83.3	81.0	97
Eggs produced during November			
All layers 1,000 dozen	646,908.4	710,992.2	110
Table egg type 1,000 dozen	555,875.1	619,975.5	112
Hatching egg type 1,000 dozen	91,033.3	91,016.7	100
Broiler-type hatching 1,000 dozen	84,091.7	84,266.7	100
Egg-type hatching 1,000 dozen	6,941.6	6,750.0	97
Layers on December 1			
All layers 1,000	346,343	368,687	106
Table egg type 1,000	288,316	311,580	108
Hatching egg type 1,000	58,027	57,107	98
Broiler-type hatching 1,000	54,481	53,614	98
Egg-type hatching 1,000	3,546	3,493	99
Eggs per 100 layers on December 1			
All layers number	75.6	77.9	103
Table egg type number	78.2	80.5	103
Hatching egg type number	62.7	63.7	102
Broiler-type hatching number	61.5	62.8	102
Egg-type hatching number	81.0	77.2	95
Molted layers on December 1			
Being molted percent	1.8	1.5	83
Molt completed percent	21.9	16.4	75
Layers sold for slaughter during November 1,000	13,251.3	14,080.0	106
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	6,012.1	7,642.5	127
Pullets on December 1 1,000	116,802	109,401	94
Pullets added during November ¹ 1,000	26,606.7	25,537.9	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 2015 and 2016

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,544	1,484	9,588	8,925	1,996	1,980
Arkansas	3,893	3,737	13,411	13,338	2,022	2,104
California	11,680	10,979	12,194	11,498	2,336	2,527
Colorado	4,224	4,250	4,713	4,696	2,463	2,511
Florida	8,728	7,917	9,126	8,317	2,204	2,334
Georgia	9,917	9,417	18,893	18,454	2,211	2,156
Illinois	4,562	4,413	5,033	4,868	2,537	2,662
Indiana	29,136	28,471	30,125	29,453	2,432	2,503
Iowa	33,627	52,456	34,741	53,708	2,185	2,421
Maryland	2,310	2,520	2,483	2,691	2,449	2,475
Michigan	12,625	13,638	12,843	13,876	2,579	2,411
Minnesota	8,844	10,363	9,302	10,822	2,367	2,376
Mississippi	1,524	1,353	5,688	5,459	2,053	2,138
Missouri	7,354	7,908	10,911	11,527	2,391	2,540
Nebraska	5,828	8,850	5,936	8,958	2,460	2,564
New York	5,072	5,096	5,426	5,455	2,518	2,572
North Carolina	6,829	7,276	14,438	14,780	2,146	2,202
Ohio	32,061	31,032	32,911	31,879	2,417	2,461
Oregon	2,257	2,300	2,396	2,439	2,604	2,608
Pennsylvania	23,827	25,025	25,830	27,113	2,513	2,552
South Carolina	3,103	2,680	4,341	3,856	2,297	2,272
South Dakota	1,399	2,474	1,541	2,616	2,310	2,305
Texas	15,728	16,303	19,658	20,040	2,172	2,311
Utah	4,454	4,712	4,492	4,750	2,248	2,389
Virginia	1,253	1,203	2,946	2,867	2,346	2,358
Washington	7,031	6,688	7,196	6,853	2,501	2,399
Wisconsin	4,267	5,128	5,004	5,817	2,420	2,457
Other States ¹	19,073	18,665	28,265	27,654	2,289	2,294
United States	272,150	296,338	339,431	362,709	2,319	2,388

¹ Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During November 2015 and 2016

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2015	2016	2015	2016	2015	2016
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,568	1,396	9,378	8,885	1,923	1,921
Arkansas	3,971	4,007	13,761	13,678	1,964	2,011
California	11,713	11,121	12,217	11,669	2,244	2,423
Colorado	4,193	4,195	4,671	4,649	2,402	2,471
Florida	8,803	7,931	9,196	8,311	2,244	2,286
Georgia	10,175	9,675	19,107	18,785	2,149	2,113
Illinois	4,647	4,355	5,109	4,819	2,423	2,569
Indiana	29,267	29,310	30,258	30,227	2,409	2,420
Iowa	34,711	53,300	35,895	54,521	2,092	2,377
Maryland	2,480	2,526	2,652	2,696	2,383	2,418
Michigan	12,904	14,000	13,120	14,238	2,457	2,432
Minnesota	8,861	10,444	9,319	10,902	2,348	2,353
Mississippi	1,462	1,364	5,646	5,422	2,023	2,086
Missouri	7,528	7,864	11,082	11,442	2,373	2,482
Nebraska	6,528	8,852	6,636	8,960	2,220	2,493
New York	5,290	5,111	5,652	5,471	2,408	2,497
North Carolina	6,998	7,529	14,738	14,996	2,087	2,162
Ohio	32,154	31,147	33,003	31,995	2,393	2,396
Oregon	2,166	2,365	2,305	2,504	2,516	2,576
Pennsylvania	23,744	25,742	25,822	27,923	2,450	2,413
South Carolina	3,092	2,672	4,338	3,840	2,266	2,216
South Dakota	1,413	2,601	1,555	2,743	2,199	2,315
Texas	16,048	16,634	20,049	20,453	2,156	2,214
Utah	4,470	4,871	4,508	4,909	2,225	2,387
Virginia	1,247	1,115	2,947	2,747	2,270	2,217
Washington	7,090	6,742	7,255	6,907	2,411	2,428
Wisconsin	4,342	4,933	5,055	5,625	2,378	2,485
Other States ¹	19,103	18,305	28,195	27,206	2,218	2,239
United States	275,968	300,107	343,469	366,523	2,260	2,328

¹ Includes data for States not published in this table.

Egg Production by Type – States and United States: October 2015 and 2016

[Totals may not add due to rounding. 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	
	2015	2016	2015	2016	2015	2016
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	191.4	176.7	40.3	38.9	151.1	137.8
Arkansas	271.2	280.6	98.9	95.2	172.3	185.4
California	284.9	290.6	(D)	(D)	(D)	(D)
Colorado	116.1	117.9	(D)	(D)	(D)	(D)
Florida	201.1	194.1	196.3	189.2	4.8	4.9
Georgia	417.7	397.8	239.1	220.4	178.6	177.4
Illinois	127.7	129.6	123.0	125.1	4.7	4.5
Indiana	732.5	737.3	712.7	718.0	19.8	19.3
Iowa	759.1	1,300.2	744.7	1,282.6	14.4	17.6
Maryland	60.8	66.6	59.3	65.2	1.5	1.4
Michigan	331.2	334.5	(D)	(D)	(D)	(D)
Minnesota	220.2	257.1	213.5	250.5	6.7	6.6
Mississippi	116.8	116.7	35.9	35.4	80.9	81.3
Missouri	260.9	292.8	(D)	(D)	(D)	(D)
Nebraska	146.0	229.7	146.0	229.7	-	-
New York	136.6	140.3	(D)	(D)	(D)	(D)
North Carolina	309.9	325.4	164.2	180.3	145.7	145.1
Ohio	795.6	784.4	(D)	(D)	(D)	(D)
Oregon	62.4	63.6	62.4	63.6	-	-
Pennsylvania	649.1	691.8	621.3	661.2	27.8	30.6
South Carolina	99.7	87.6	76.1	65.1	23.6	22.5
South Dakota	35.6	60.3	35.6	60.3	-	-
Texas	427.0	463.1	(D)	(D)	(D)	(D)
Utah	101.0	113.5	101.0	113.5	-	-
Virginia	69.1	67.6	37.8	35.8	31.3	31.8
Washington	180.0	164.4	(D)	(D)	(D)	(D)
Wisconsin	121.1	142.9	(D)	(D)	(D)	(D)
Other States ¹	647.0	634.3	505.6	498.6	141.4	135.7
United States	7,871.7	8,661.4	6,743.1	7,534.7	1,128.6	1,126.7

- 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 2015 and 2016

[Totals may not add due to rounding. 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	
	2015	2016	2015	2016	2015	2016
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	180.3	170.7	39.1	35.8	141.2	134.9
Arkansas	270.3	274.8	97.0	92.6	173.3	182.2
California	274.1	282.7	(D)	(D)	(D)	(D)
Colorado	112.2	114.9	(D)	(D)	(D)	(D)
Florida	206.4	190.0	202.0	186.2	4.4	3.8
Georgia	410.7	397.0	239.2	222.3	171.5	174.7
Illinois	123.8	123.8	119.5	119.4	4.3	4.4
Indiana	728.8	731.5	709.6	714.3	19.2	17.2
Iowa	750.9	1,296.0	735.4	1,280.3	15.5	15.7
Maryland	63.2	65.2	61.8	63.8	1.4	1.4
Michigan	322.4	346.3	(D)	(D)	(D)	(D)
Minnesota	218.8	256.5	212.4	250.1	6.4	6.4
Mississippi	114.2	113.1	35.2	34.0	79.0	79.1
Missouri	263.0	284.0	(D)	(D)	(D)	(D)
Nebraska	147.3	223.4	147.3	223.4	-	-
New York	136.1	136.6	(D)	(D)	(D)	(D)
North Carolina	307.6	324.2	167.5	185.5	140.1	138.7
Ohio	789.8	766.6	(D)	(D)	(D)	(D)
Oregon	58.0	64.5	58.0	64.5	-	-
Pennsylvania	632.6	673.9	604.4	643.4	28.2	30.5
South Carolina	98.3	85.1	75.5	63.6	22.8	21.5
South Dakota	34.2	63.5	34.2	63.5	-	-
Texas	432.3	452.9	(D)	(D)	(D)	(D)
Utah	100.3	117.2	100.3	117.2	-	-
Virginia	66.9	60.9	36.6	31.5	30.3	29.4
Washington	174.9	167.7	(D)	(D)	(D)	(D)
Wisconsin	120.2	139.8	(D)	(D)	(D)	(D)
Other States ¹	625.3	609.1	492.0	479.8	133.3	129.3
United States	7,762.9	8,531.9	6,670.5	7,439.7	1,092.4	1,092.2

- 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 2015 and 2016

[Totals may not add due to rounding. 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	
	2015	2016	2015	2016	2015	2016
	(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	15,950.0	14,724.9	3,358.3	3,241.6	12,591.7	11,483.3
Arkansas	22,600.0	23,383.3	8,241.7	7,933.3	14,358.3	15,450.0
California	23,741.7	24,216.7	(D)	(D)	(D)	(D)
Colorado	9,675.0	9,825.0	(D)	(D)	(D)	(D)
Florida	16,758.3	16,175.0	16,358.3	15,766.7	400.0	408.3
Georgia	34,808.3	33,150.0	19,925.0	18,366.7	14,883.3	14,783.3
Illinois	10,641.7	10,800.0	10,250.0	10,425.0	391.7	375.0
Indiana	61,041.6	61,441.6	59,391.6	59,833.3	1,650.0	1,608.3
Iowa	63,258.3	108,350.0	62,058.3	106,883.3	1,200.0	1,466.7
Maryland	5,066.7	5,550.1	4,941.7	5,433.4	125.0	116.7
Michigan	27,599.9	27,875.0	(D)	(D)	(D)	(D)
Minnesota	18,350.1	21,425.0	17,791.7	20,875.0	558.4	550.0
Mississippi	9,733.2	9,725.0	2,991.6	2,950.0	6,741.6	6,775.0
Missouri	21,741.6	24,400.0	(D)	(D)	(D)	(D)
Nebraska	12,166.7	19,141.6	12,166.7	19,141.6	-	-
New York	11,383.4	11,691.6	(D)	(D)	(D)	(D)
North Carolina	25,825.0	27,116.7	13,683.3	15,025.0	12,141.7	12,091.7
Ohio	66,299.9	65,366.6	(D)	(D)	(D)	(D)
Oregon	5,200.0	5,300.0	5,200.0	5,300.0	-	-
Pennsylvania	54,091.7	57,650.0	51,775.0	55,100.0	2,316.7	2,550.0
South Carolina	8,308.4	7,300.0	6,341.7	5,425.0	1,966.7	1,875.0
South Dakota	2,966.7	5,025.0	2,966.7	5,025.0	-	-
Texas	35,583.3	38,591.7	(D)	(D)	(D)	(D)
Utah	8,416.7	9,458.3	8,416.7	9,458.3	-	-
Virginia	5,758.4	5,633.3	3,150.0	2,983.3	2,608.4	2,650.0
Washington	15,000.0	13,700.0	(D)	(D)	(D)	(D)
Wisconsin	10,091.6	11,908.2	(D)	(D)	(D)	(D)
Other States ¹	53,916.8	52,858.4	42,133.4	41,550.0	11,783.4	11,308.4
United States	655,975.0	721,783.0	561,924.9	627,891.4	94,050.1	93,891.6

- 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 2015 and 2016

[Totals may not add due to rounding. 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	
	2015	2016	2015	2016	2015	2016
	(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	15,025.0	14,225.0	3,258.3	2,983.3	11,766.7	11,241.7
Arkansas	22,525.0	22,900.0	8,083.3	7,716.7	14,441.7	15,183.3
California	22,841.6	23,558.4	(D)	(D)	(D)	(D)
Colorado	9,350.0	9,575.0	(D)	(D)	(D)	(D)
Florida	17,200.0	15,833.4	16,833.3	15,516.7	366.7	316.7
Georgia	34,225.1	33,083.3	19,933.4	18,525.0	14,291.7	14,558.3
Illinois	10,316.7	10,316.7	9,958.3	9,950.0	358.4	366.7
Indiana	60,733.3	60,958.4	59,133.3	59,525.0	1,600.0	1,433.4
Iowa	62,575.0	108,000.0	61,283.3	106,691.7	1,291.7	1,308.3
Maryland	5,266.6	5,433.3	5,150.0	5,316.6	116.6	116.7
Michigan	26,866.6	28,858.3	(D)	(D)	(D)	(D)
Minnesota	18,233.3	21,375.0	17,700.0	20,841.7	533.3	533.3
Mississippi	9,516.7	9,424.9	2,933.3	2,833.3	6,583.4	6,591.6
Missouri	21,916.6	23,666.7	(D)	(D)	(D)	(D)
Nebraska	12,275.0	18,616.7	12,275.0	18,616.7	-	-
New York	11,341.7	11,383.3	(D)	(D)	(D)	(D)
North Carolina	25,633.3	27,016.8	13,958.3	15,458.4	11,675.0	11,558.4
Ohio	65,816.6	63,883.3	(D)	(D)	(D)	(D)
Oregon	4,833.4	5,375.0	4,833.4	5,375.0	-	-
Pennsylvania	52,716.7	56,158.4	50,366.7	53,616.7	2,350.0	2,541.7
South Carolina	8,191.7	7,091.7	6,291.7	5,300.0	1,900.0	1,791.7
South Dakota	2,850.0	5,291.7	2,850.0	5,291.7	-	-
Texas	36,025.1	37,741.7	(D)	(D)	(D)	(D)
Utah	8,358.4	9,766.7	8,358.4	9,766.7	-	-
Virginia	5,575.0	5,075.0	3,050.0	2,625.0	2,525.0	2,450.0
Washington	14,575.0	13,975.0	(D)	(D)	(D)	(D)
Wisconsin	10,016.6	11,650.0	(D)	(D)	(D)	(D)
Other States ¹	52,108.4	50,758.5	41,000.2	39,983.6	11,108.2	10,774.9
United States	646,908.4	710,992.2	555,875.1	619,975.5	91,033.3	91,016.7

- Represents zero.

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

¹ Not published separately to avoid disclosing individual operations.

Molted as Percent of All Layers by Month – United States: 2015-2016

[As of the first of the month]

Month	Being molted		Molt completed	
	2015 (percent)	2016 (percent)	2015 (percent)	2016 (percent)
January	2.1	2.5	17.7	21.3
February	3.3	2.9	17.5	20.5
March	1.9	1.5	18.5	20.7
April	2.1	2.9	17.7	19.2
May	3.1	2.8	17.5	18.7
June	2.4	2.9	17.2	18.2
July	3.0	2.5	18.2	17.7
August	2.7	2.6	19.2	17.4
September	3.4	2.6	19.7	16.5
October	3.4	2.1	20.5	16.7
November	3.4	2.2	21.3	16.3
December	1.8	1.5	21.9	16.4

Molted as Percent of All Layers – States and United States: December 1, 2015 and 2016

[As of the first of the month]

State	Being molted		Molt completed	
	2015 (percent)	2016 (percent)	2015 (percent)	2016 (percent)
Alabama	1.5	0.5	9.5	11.0
Arkansas	2.0	2.0	18.5	16.5
California	-	2.0	19.0	15.0
Colorado	1.0	-	19.0	9.0
Florida	1.5	4.0	67.0	79.5
Georgia	-	2.0	19.0	9.5
Illinois	-	-	29.5	13.5
Indiana	1.5	1.0	24.5	14.5
Iowa	4.5	0.5	34.5	10.5
Maryland	-	-	-	-
Michigan	-	-	8.5	6.5
Minnesota	3.0	-	15.5	13.0
Mississippi	2.0	1.5	23.0	25.5
Missouri	0.5	-	14.5	11.5
Nebraska	5.0	-	14.5	11.0
New York	-	-	3.0	2.5
North Carolina	-	-	19.0	15.0
Ohio	3.5	5.0	20.5	22.5
Oregon	7.0	-	18.0	8.0
Pennsylvania	0.5	-	7.0	6.0
South Carolina	-	1.0	12.0	22.5
South Dakota	12.5	-	17.5	11.0
Texas	1.0	6.0	50.0	52.5
Utah	1.0	-	38.0	24.0
Virginia	-	4.0	19.0	10.0
Washington	3.0	2.0	25.5	14.0
Wisconsin	4.5	2.0	19.5	12.5
Other States ¹	1.0	1.4	10.9	10.6
United States	1.8	1.5	21.9	16.4

- Represents zero.

¹ Includes data for States not published in this table.

Hatchery Production – United States: 2015 and 2016

Item	2015	2016	2016 as percent of 2015
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on December 1	48,194	46,137	96
Chicks hatched during November	45,848	42,496	93
Chicks hatched January through November	518,903	539,920	104
Pullets hatched during November for intended placements:			
Hatchery supply flocks	217	270	124
Cumulative potential placements 7-18 months earlier ¹	3,227	2,709	84
Broiler-type			
Eggs in incubators on December 1	646,028	658,820	102
Chicks hatched during November	732,518	760,073	104
Chicks hatched January through November	8,519,830	8,658,080	102
Pullets hatched during November for intended placements:			
Hatchery supply flocks	7,230	7,710	107
Cumulative potential placements 7-15 months earlier ²	64,889	68,699	106

¹ 2016 includes pullet chicks hatched May 2015 through April 2016.

² 2016 includes pullet chicks hatched August 2015 through April 2016.

Egg-Type Eggs in Incubators on the First of the Month – Regions and United States: 2015-2016

[See regional listing on page 21]

Region	November 1		2016 as percent of 2015	December 1		2016 as percent of 2015
	2015	2016		2015	2016	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	8,800	7,576	86	9,414	7,757	82
East North Central	9,287	7,804	84	9,376	5,462	58
West North Central	12,229	11,582	95	11,702	16,948	145
South Atlantic	4,596	4,629	101	5,361	4,703	88
South Central	6,102	4,847	79	6,471	5,909	91
West	6,058	5,244	87	5,870	5,358	91
United States	47,072	41,682	89	48,194	46,137	96

Egg-Type Chicks Hatched by Month – United States: 2015-2016

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

Month	By months			Cumulative		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	43,868	47,645	109	43,868	47,645	109
February	43,774	50,481	115	87,642	98,126	112
March	50,187	57,037	114	137,829	155,163	113
April	50,193	51,052	102	188,022	206,215	110
May	48,315	57,155	118	236,337	263,370	111
June	47,212	58,040	123	283,549	321,410	113
July	42,790	42,349	99	326,339	363,759	111
August	47,131	43,870	93	373,470	407,629	109
September	49,391	45,724	93	422,861	453,353	107
October	50,194	44,071	88	473,055	497,424	105
November	45,848	42,496	93	518,903	539,920	104
December	46,695			565,598		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2015-2017

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

Month	Pullet chicks hatched		2016 as percent of 2015	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2015	2016		2016	2017
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	270	148	55	3,386	2,725
February	309	189	61	3,378	2,744
March	346	160	46	3,293	2,902
April	219	240	110	3,121	2,861
May	235	327	139	3,082	2,855
June	320	244	76	3,149	2,908
July	267	286	107	3,116	
August	166	324	195	2,994	
September	222	181	82	2,874	
October	330	324	98	2,688	
November	217	270	124	2,709	
December	215			2,801	
Total	3,116				

¹ For November 2016, includes breeder pullet chicks hatched May 2015 through April 2016. 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 – Regions and United States: 2015-2016

[See regional listing on page 21]

Region	November 1		2016 as percent of 2015	December 1		2016 as percent of 2015
	2015	2016		2015	2016	
	(1,000 eggs)	(1,000 eggs)	(percent)	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic	13,169	14,108	107	14,443	14,637	101
East North Central	13,793	14,796	107	14,267	15,257	107
West North Central	28,639	28,627	100	30,073	31,957	106
South Atlantic	236,225	243,811	103	245,715	250,667	102
South Central	294,393	307,184	104	317,877	322,579	101
West	21,399	23,011	108	23,653	23,723	100
United States	607,618	631,537	104	646,028	658,820	102

Broiler-Type Chicks Hatched – States and United States: November 2015 and 2016

State	During November			January-November		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	99,478	102,168	103	1,156,023	1,155,159	100
Arkansas	73,059	77,081	106	862,167	889,995	103
Delaware	16,892	17,211	102	191,502	190,519	99
Florida	4,525	4,307	95	47,892	48,367	101
Georgia	115,261	118,930	103	1,333,945	1,367,549	103
Kentucky	23,920	24,372	102	307,006	299,823	98
Louisiana	12,485	11,433	92	151,553	139,966	92
Maryland	26,381	28,312	107	309,943	318,035	103
Mississippi	62,099	61,862	100	709,502	725,915	102
Missouri	27,936	27,354	98	325,948	319,949	98
North Carolina	71,202	74,938	105	829,441	832,080	100
Oklahoma	22,669	26,017	115	256,806	280,329	109
Pennsylvania	15,988	16,107	101	179,238	182,511	102
South Carolina	19,265	19,136	99	212,314	217,373	102
Texas	51,651	55,774	108	598,994	623,095	104
Virginia	22,450	22,621	101	257,713	258,237	100
California, Tennessee, and West Virginia	40,066	42,363	106	471,668	477,589	101
19 States ¹	705,327	729,986	103	8,201,655	8,326,491	102
Other States ²	27,191	30,087	111	318,175	331,589	104
United States	732,518	760,073	104	8,519,830	8,658,080	102

¹ States in the weekly hatchery production estimating program.

² Not published separately to avoid disclosing data for individual operations.

Broiler-Type Chicks Hatched by Month – United States: 2015-2016

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

Month	By months			Cumulative		
	2015	2016	2016 as percent of 2015	2015	2016	2016 as percent of 2015
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	792,030	799,420	101	792,030	799,420	101
February	711,289	748,650	105	1,503,319	1,548,070	103
March	791,428	804,128	102	2,294,747	2,352,198	103
April	773,353	780,779	101	3,068,100	3,132,977	102
May	809,844	807,648	100	3,877,944	3,940,625	102
June	787,930	789,420	100	4,665,874	4,730,045	101
July	805,512	810,395	101	5,471,386	5,540,440	101
August	799,162	808,453	101	6,270,548	6,348,893	101
September	761,688	770,670	101	7,032,236	7,119,563	101
October	755,076	778,444	103	7,787,312	7,898,007	101
November	732,518	760,073	104	8,519,830	8,658,080	102
December	798,157			9,317,987		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2015-2017

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

Month	Pullet chicks hatched		2016 as percent of 2015	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2015 (1,000 chicks)	2016 (1,000 chicks)		2016 (1,000 chicks)	2017 (1,000 chicks)
United States placements					
January	6,944	6,726	97	65,531	68,864
February	7,892	8,098	103	66,136	69,731
March	7,160	8,143	114	66,452	70,191
April	6,995	7,615	109	68,230	70,256
May	7,541	8,083	107	68,149	70,439
June	7,790	8,562	110	67,487	70,051
July	7,428	7,730	104	67,871	
August	7,907	7,690	97	67,602	
September	8,573	7,609	89	68,159	
October	6,863	6,909	101	68,512	
November	7,230	7,710	107	68,699	
December	7,544			68,875	
Annual total	89,867				
Total placements ²					
January	8,382	8,275	99		
February	9,546	10,098	106		
March	8,875	10,025	113		
April	8,358	9,128	109		
May	9,409	9,954	106		
June	9,785	10,261	105		
July	9,907	9,119	92		
August	10,040	9,708	97		
September	10,810	9,584	89		
October	8,681	8,522	98		
November	8,872	9,379	106		
December	9,321				
Annual total	111,986				

¹ For November 2016, includes breeder pullet chicks hatched August 2015 through April 2016.

² United States production of intended placements worldwide.

Statistical Methodology

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

Estimating Procedures: Sound statistical methodology is employed to derive estimates from the reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations are estimated based on similar operations or historical data. NASS 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. Individual hatchery data are summed to State, regional, and United States totals.

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 all 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 367 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 twenty-four months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
All layers	(percent) 1.0	(percent) 1.7	(1,000) 2,657	(1,000) 2	(1,000) 8,383	(number) 22	(number) 2
Eggs	1.1	1.8	(million) 79	(million) 0	(million) 208	19	3

Egg-Type Regional Listing

North Atlantic: Connecticut, New York, Pennsylvania.
East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin.
West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska.
South Atlantic: Florida, Georgia, Virginia.
South Central: Alabama, Mississippi, Texas.
West: California, Idaho, New Mexico.

Broiler-Type Regional Listing

North Atlantic: New York, Pennsylvania.
East North Central: Indiana, Ohio, Wisconsin.
West North Central: Iowa, Minnesota, Missouri.
South Atlantic: Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia.
South Central: Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas.
West: California, Oregon, Washington.

Terms and Definitions of Chickens and Eggs Estimates

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

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

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

Information Contacts

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

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Bruce Boess, Head, Poultry and Specialty Commodities Section	(202) 720-4447
Aron Cosgrove – Catfish Production, Egg Products, Poultry Slaughter, Trout Production, Turkey Hatchery, Turkeys Raised	(202) 690-3237
Alissa Cowell-Mytar – Cold Storage	(202) 720-4751
Tom Kruchten – Census of Aquaculture	(202) 690-4870
Kim Linonis – Layers, Eggs	(202) 690-8632
Joshua O’Rear – Cost of Pollination, Honey, Honey Bee Colonies	(202) 690-3676
Miste Salmon – Broiler Hatchery, Chicken Hatchery, Mink	(202) 720-3244

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