



Chickens and Eggs

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September Egg Production Up 1 Percent

United States egg production totaled 7.48 billion during September 2010, up 1 percent from last year. Production included 6.43 billion table eggs, and 1.05 billion hatching eggs, of which 980 million were broiler-type and 70 million were egg-type. The total number of layers during September 2010 averaged 337 million, up 1 percent from last year. September egg production per 100 layers was 2,218 eggs, up slightly from September 2009.

All layers in the United States on October 1, 2010 totaled 335 million, up slightly from last year. The 335 million layers consisted of 279 million layers producing table or market type eggs, 53.6 million layers producing broiler-type hatching eggs, and 2.89 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2010, averaged 73.6 eggs per 100 layers, up slightly from October 1, 2009.

Egg-Type Chicks Hatched Down 1 Percent

Egg-type chicks hatched during September 2010 totaled 40.3 million, down 1 percent from September 2009. Eggs in incubators totaled 39.4 million on October 1, 2010, up 8 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 262 thousand during September 2010, up 19 percent from September 2009.

Broiler-Type Chicks Hatched Up 3 Percent

Broiler-type chicks hatched during September 2010 totaled 761 million, up 3 percent from September 2009. Eggs in incubators totaled 621 million on October 1, 2010, up 6 percent from a year earlier.

Leading breeders placed 7.13 million broiler-type pullet chicks for future domestic hatchery supply flocks during September 2010, up slightly from September 2009.

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Contents

Average Number of All Layers on Hand During the Month – United States: 2009-2010.....	4
Egg Production During the Month by Type – United States: 2009-2010.....	4
Average Number of Layers During the Month – United States.....	5
All Egg Production During the Month – United States	5
Layers on Hand and Eggs Produced by Type and Forced Molt – United States: August-September 2009 and 2010.....	6
Layers on Hand and Eggs Produced by Type and Forced Molt – United States: September-October 2009 and 2010.....	7
Layers on Hand and Eggs Produced – States and United States: During August 2009 and 2010	8
Layers on Hand and Eggs Produced – States and United States: During September 2009 and 2010	9
Egg Production by Type – States and United States: August 2009 and 2010.....	10
Egg Production by Type – States and United States: September 2009 and 2010.....	11
Forced Molt as Percent of All Layers by Month – United States: 2009-2010.....	12
Forced Molt as Percent of All Layers – States and United States: October 1, 2009 and 2010.....	12
Hatchery Production – United States: 2009 and 2010	13
Egg-Type Eggs in Incubators – Regions and United States: October 1, 2009 and 2010.....	14
Egg-Type Chicks Hatched by Month – United States: 2009-2010.....	14
Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2009-2010	15
Broiler-Type Eggs in Incubators – Regions and United States: October 1, 2009 and 2010.....	15
Broiler-Type Chicks Hatched – States and United States: September 2009 and 2010.....	16
Broiler-Type Chicks Hatched by Month – United States: 2009-2010.....	16
Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2009-2010	17
Statistical Methodology	18
Regional Listing.....	19
Terms and Definitions of Chickens and Eggs Estimates	19
Information Contacts	19

Average Number of All Layers on Hand During the Month – United States: 2009-2010

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

Month	2009		2010	
	(1,000 layers)		(1,000 layers)	
December ¹		340,638		339,744
January		341,400		339,009
February		341,068		339,086
March		340,914		340,869
April		340,170		339,946
May		337,116		337,930
June		334,032		338,461
July		332,740		338,807
August		332,612		338,980
September		333,885		337,409
October		335,819		
November		338,121		

¹ December preceding year.

Egg Production During the Month by Type – United States: 2009-2010

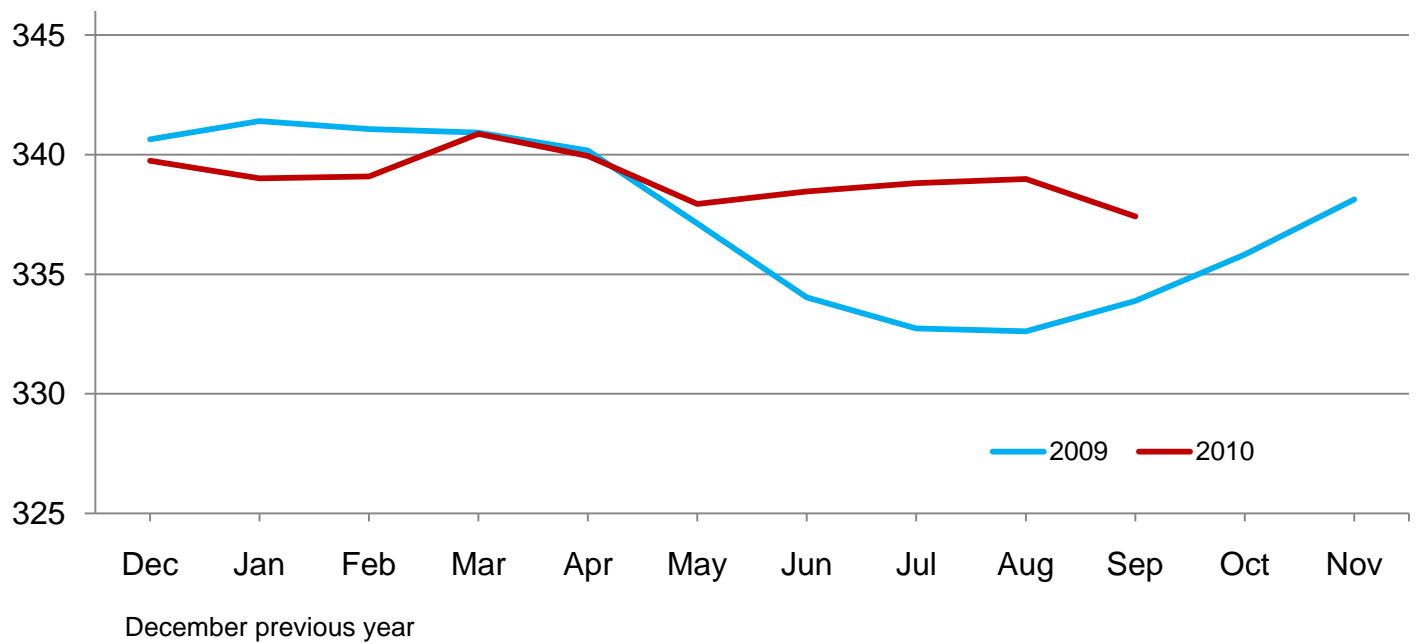
[Blank data cells indicate estimation period has not yet begun. Totals may not add due to rounding]

Month	Total eggs		Table eggs		Hatching eggs	
	2009	2010	2009	2010	2009	2010
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December ¹	7,778	7,827	6,711	6,758	1,068	1,068
January	7,678	7,688	6,603	6,606	1,075	1,082
February	6,903	6,909	5,917	5,923	985	986
March	7,737	7,813	6,645	6,710	1,093	1,102
April	7,472	7,548	6,419	6,473	1,053	1,075
May	7,607	7,685	6,515	6,575	1,092	1,110
June	7,360	7,455	6,301	6,386	1,059	1,069
July	7,590	7,691	6,505	6,583	1,085	1,108
August	7,593	7,739	6,518	6,642	1,075	1,097
September	7,376	7,483	6,349	6,433	1,027	1,050
October	7,696		6,638		1,059	
November	7,569		6,541		1,027	
During year	90,359		77,664		12,698	

¹ December preceding year.

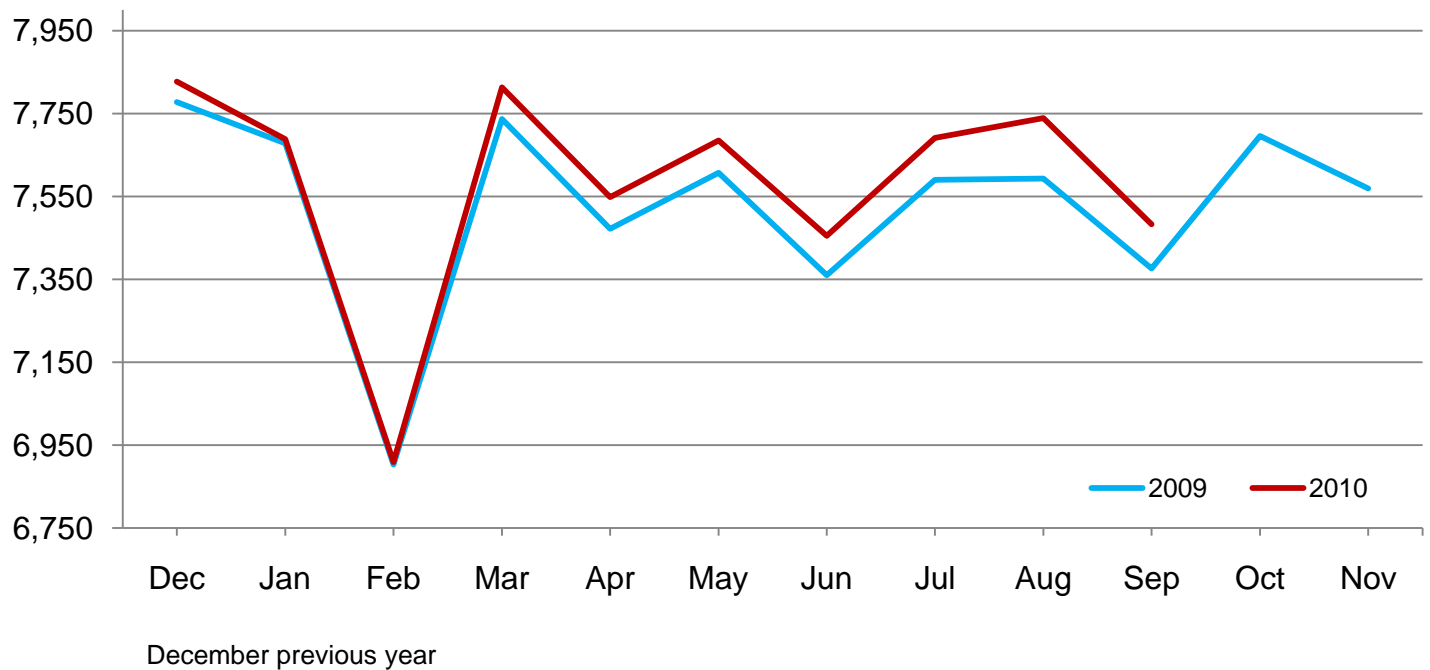
Average Layers During the Month – United States

Million layers



All Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Forced Molt – United States:
August-September 2009 and 2010**

[Totals may not add due to rounding]

Item	2009	2010	2010 as percent of 2009
Layers during August			
All layers 1,000	332,612	338,980	102
Table egg type 1,000	276,804	281,734	102
Hatching egg type 1,000	55,808	57,246	103
Broiler-type hatching 1,000	52,893	54,271	103
Egg-type hatching 1,000	2,915	2,975	102
Eggs per 100 layers during August			
All layers number	2,283	2,283	100
Table egg type number	2,355	2,358	100
Hatching egg type number	1,926	1,916	99
Broiler-type hatching number	1,896	1,887	100
Egg-type hatching number	2,470	2,454	99
Eggs produced during August			
All layers million	7,593	7,739	102
Table egg type million	6,518	6,642	102
Hatching egg type million	1,075	1,097	102
Broiler-type hatching million	1,003	1,024	102
Egg-type hatching million	72	73	101
Layers on September 1			
All layers 1,000	332,808	339,602	102
Table egg type 1,000	277,130	283,003	102
Hatching egg type 1,000	55,678	56,599	102
Broiler-type hatching 1,000	52,741	53,601	102
Egg-type hatching 1,000	2,937	2,998	102
Eggs per 100 layers on September 1			
All layers number	73.8	74.1	100
Table egg type number	76.2	76.5	100
Hatching egg type number	62.0	62.0	100
Broiler-type hatching number	61.0	61.1	100
Egg-type hatching number	78.7	78.4	100
Forced molt layers on September 1			
Being molted percent	2.9	2.6	90
Molt completed percent	21.2	22.9	108
Layers sold for slaughter during August 1,000	13,857	12,156	88
Layers rendered, died, destroyed, composted or disappeared for any reason during August 1,000	7,068	7,274	103
Pullets on September 1 1,000	101,251	101,970	101
Pullets added during August ¹ 1,000	23,062	20,410	89

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

Layers on Hand and Eggs Produced by Type and Forced Molt – United States: September-October 2009 and 2010

[Totals may not add due to rounding]

Item	2009	2010	2010 as percent of 2009
Layers during September			
All layers 1,000	333,885	337,409	101
Table egg type 1,000	278,453	280,845	101
Hatching egg type 1,000	55,432	56,564	102
Broiler-type hatching 1,000	52,519	53,618	102
Egg-type hatching 1,000	2,913	2,946	101
Eggs per 100 layers during September			
All layers number	2,209	2,218	100
Table egg type number	2,280	2,291	100
Hatching egg type number	1,853	1,856	100
Broiler-type hatching number	1,824	1,828	100
Egg-type hatching number	2,369	2,376	100
Eggs produced during September			
All layers million	7,376	7,483	101
Table egg type million	6,349	6,433	101
Hatching egg type million	1,027	1,050	102
Broiler-type hatching million	958	980	102
Egg-type hatching million	69	70	101
Layers on October 1			
All layers 1,000	334,917	335,180	100
Table egg type 1,000	279,754	278,670	100
Hatching egg type 1,000	55,163	56,510	102
Broiler-type hatching 1,000	52,286	53,624	103
Egg-type hatching 1,000	2,877	2,886	100
Eggs per 100 layers on October 1			
All layers number	73.4	73.6	100
Table egg type number	75.7	76.1	101
Hatching egg type number	61.5	61.5	100
Broiler-type hatching number	60.6	60.5	100
Egg-type hatching number	78.7	79.7	101
Forced molt layers on October 1			
Being molted percent	3.5	4.4	126
Molt completed percent	21.1	21.4	101
Layers sold for slaughter during September 1,000	13,996	13,718	98
Layers rendered, died, destroyed, composted or disappeared for any reason during September 1,000	6,113	9,920	162
Pullets on October 1 1,000	102,352	103,530	101
Pullets added during September ¹ 1,000	24,139	21,991	91

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

Layers on Hand and Eggs Produced – States and United States: During August 2009 and 2010

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2009 (1,000)	2010 (1,000)	2009 (1,000)	2010 (1,000)	2009 (number)	2010 (number)
Alabama	1,227	1,348	9,081	9,625	1,927	1,953
Arkansas	3,380	3,244	11,873	12,010	2,080	2,040
California	19,434	19,364	19,740	19,669	2,310	2,359
Colorado	3,184	3,144	3,645	3,578	2,524	2,515
Connecticut	2,611	2,325	2,670	2,394	2,472	2,464
Florida	9,373	9,227	9,705	9,594	2,267	2,283
Georgia	8,611	8,025	17,197	16,610	2,163	2,137
Hawaii	299	266	326	311	1,810	1,833
Illinois	4,024	4,409	4,231	4,613	2,364	2,385
Indiana	22,314	22,771	23,087	23,476	2,283	2,330
Iowa	52,779	54,563	53,643	55,445	2,293	2,269
Maine	3,329	3,477	3,417	3,532	2,253	2,492
Maryland	1,892	2,141	2,021	2,268	2,326	2,381
Michigan	9,545	9,978	9,695	10,129	2,517	2,488
Minnesota	9,656	9,778	10,147	10,264	2,306	2,338
Mississippi	1,312	1,483	5,565	6,237	2,084	2,020
Missouri	5,926	5,724	7,184	7,121	2,339	2,345
Nebraska	9,595	9,246	9,645	9,296	2,447	2,506
New York	3,833	3,730	4,057	3,951	2,465	2,480
North Carolina	5,523	5,773	12,578	13,081	2,091	2,110
Ohio	25,792	27,378	26,249	27,857	2,316	2,301
Oregon	2,258	2,301	2,393	2,452	2,591	2,488
Pennsylvania	21,509	23,022	22,584	24,165	2,444	2,446
South Carolina	3,164	3,111	4,516	4,390	2,126	2,096
South Dakota	2,406	2,370	2,446	2,410	2,535	2,365
Texas	13,391	13,478	17,963	17,767	2,294	2,246
Utah ¹	(NA)	3,362	(NA)	3,392	(NA)	2,270
Virginia	1,272	1,284	3,148	3,563	2,033	2,049
Washington	6,001	6,084	6,116	6,199	2,305	2,420
Wisconsin	4,249	4,108	4,837	4,688	2,315	2,346
Other States ²	14,464	10,728	22,853	18,893	2,223	2,186
United States	272,353	277,242	332,612	338,980	2,283	2,283

(NA) Not available.

¹ Included in Other States in 2009.

² Includes data for states not listed in this table.

Layers on Hand and Eggs Produced – States and United States: During September 2009 and 2010

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2009	2010	2009	2010	2009	2010
	(1,000)	(1,000)	(1,000)	(1,000)	(number)	(number)
Alabama	1,261	1,406	9,244	9,605	1,882	1,895
Arkansas	3,440	3,213	11,818	11,899	2,014	1,983
California	19,249	19,526	19,551	19,831	2,235	2,274
Colorado	3,113	3,148	3,575	3,529	2,406	2,465
Connecticut	2,580	2,292	2,639	2,360	2,387	2,415
Florida	9,377	9,153	9,700	9,524	2,258	2,247
Georgia	8,535	8,153	17,105	16,761	2,116	2,118
Hawaii	290	260	315	305	1,778	1,705
Illinois	4,132	4,356	4,341	4,561	2,235	2,324
Indiana	22,249	22,604	23,000	23,332	2,261	2,267
Iowa	52,990	53,798	53,901	54,670	2,215	2,213
Maine	3,395	3,526	3,487	3,581	2,208	2,402
Maryland	1,984	2,119	2,111	2,257	2,037	2,215
Michigan	9,872	9,974	10,022	10,124	2,325	2,410
Minnesota	9,772	9,894	10,242	10,399	2,255	2,279
Mississippi	1,350	1,385	5,507	6,061	2,016	1,963
Missouri	5,925	5,788	7,130	7,111	2,188	2,236
Nebraska	9,566	9,377	9,616	9,427	2,340	2,440
New York	3,786	3,725	4,006	3,949	2,371	2,380
North Carolina	5,587	5,840	12,617	12,935	1,997	2,002
Ohio	26,359	27,247	26,830	27,722	2,285	2,222
Oregon	2,246	2,218	2,381	2,365	2,478	2,452
Pennsylvania	21,662	22,527	22,739	23,654	2,370	2,372
South Carolina	3,246	3,100	4,643	4,404	2,089	2,112
South Dakota	2,355	2,365	2,395	2,405	2,505	2,245
Texas	13,538	13,593	17,962	17,798	2,210	2,202
Utah ¹	(NA)	3,430	(NA)	3,460	(NA)	2,254
Virginia	1,291	1,241	3,150	3,482	2,000	2,096
Washington	6,057	6,174	6,172	6,289	2,236	2,274
Wisconsin	4,278	4,247	4,874	4,832	2,257	2,194
Other States ²	14,519	10,674	22,812	18,777	2,109	2,125
United States	274,004	276,353	333,885	337,409	2,209	2,218

(NA) Not available.

¹ Included in Other States in 2009.

² Includes data for States not listed in this table.

Egg Production by Type – States and United States: August 2009 and 2010

[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	
	2009	2010	2009	2010	2009	2010
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	175	188	30	33	145	155
Arkansas	247	245	86	78	161	167
California	456	464	(D)	(D)	(D)	(D)
Colorado	92	90	(D)	(D)	(D)	(D)
Connecticut	66	59	(D)	(D)	(D)	(D)
Florida	220	219	216	214	4	5
Georgia	372	355	202	184	170	171
Hawaii	5.9	5.7	5.9	5.7	-	-
Illinois	100	110	97	107	3	3
Indiana	527	547	513	534	14	13
Iowa	1,230	1,258	1,217	1,245	13	13
Maine	77	88	(D)	(D)	(D)	(D)
Maryland	47	54	45	52	2	2
Michigan	244	252	(D)	(D)	(D)	(D)
Minnesota	234	240	226	232	8	8
Mississippi	116	126	33	37	83	89
Missouri	168	167	(D)	(D)	(D)	(D)
Nebraska	236	233	236	233	-	-
New York	100	98	(D)	(D)	(D)	(D)
North Carolina	263	276	133	142	130	134
Ohio	608	641	(D)	(D)	(D)	(D)
Oregon	62	61	60	59	2	2
Pennsylvania	552	591	532	570	20	21
South Carolina	96	92	73	70	23	22
South Dakota	62	57	62	57	-	-
Texas	412	399	(D)	(D)	(D)	(D)
Utah ¹	(NA)	77	(NA)	77	(NA)	-
Virginia	64	73	28	29	36	44
Washington	141	150	(D)	(D)	(D)	(D)
Wisconsin	112	110	(D)	(D)	(D)	(D)
Other States ²	508	413	373	285	135	128
United States	7,593	7,739	6,518	6,642	1,075	1,097

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2009.

² Includes data for States not listed in this table.

Egg Production by Type – States and United States: September 2009 and 2010

[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	
	2009	2010	2009	2010	2009	2010
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	174	182	30	34	144	148
Arkansas	238	236	84	78	154	158
California	437	451	(D)	(D)	(D)	(D)
Colorado	86	87	(D)	(D)	(D)	(D)
Connecticut	63	57	(D)	(D)	(D)	(D)
Florida	219	214	215	208	4	6
Georgia	362	355	197	188	165	167
Hawaii	5.6	5.2	5.6	5.2	-	-
Illinois	97	106	94	103	3	3
Indiana	520	529	506	516	14	13
Iowa	1,194	1,210	1,181	1,197	13	13
Maine	77	86	(D)	(D)	(D)	(D)
Maryland	43	50	42	48	1	2
Michigan	233	244	(D)	(D)	(D)	(D)
Minnesota	231	237	223	228	8	9
Mississippi	111	119	32	33	79	86
Missouri	156	159	(D)	(D)	(D)	(D)
Nebraska	225	230	225	230	-	-
New York	95	94	(D)	(D)	(D)	(D)
North Carolina	252	259	130	136	122	123
Ohio	613	616	(D)	(D)	(D)	(D)
Oregon	59	58	57	56	2	2
Pennsylvania	539	561	520	542	19	19
South Carolina	97	93	74	71	23	22
South Dakota	60	54	60	54	-	-
Texas	397	392	(D)	(D)	(D)	(D)
Utah ¹	(NA)	78	(NA)	78	(NA)	-
Virginia	63	73	29	32	34	41
Washington	138	143	(D)	(D)	(D)	(D)
Wisconsin	110	106	(D)	(D)	(D)	(D)
Other States ²	481	399	355	276	126	123
United States	7,376	7,483	6,349	6,433	1,027	1,050

- Represents zero.

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

(NA) Not available.

¹ Included in Other States in 2009.

² Includes data for States not listed in this table.

Forced Molt as Percent of All Layers by Month – United States: 2009-2010

[As of the first of the month. Blank data cells indicate estimation period has not yet begun]

Month	Being molted		Molt completed	
	2009	2010	2009	2010
	(percent)	(percent)	(percent)	(percent)
January	3.3	2.7	21.3	20.6
February	3.4	3.6	21.6	20.1
March	3.4	3.2	21.5	21.0
April	2.1	2.6	21.8	21.1
May	4.5	4.2	20.7	21.2
June	3.4	3.3	21.4	22.6
July	3.4	3.3	20.8	22.4
August	2.7	3.4	21.4	22.4
September	2.9	2.6	21.2	22.9
October	3.5	4.4	21.1	21.4
November	2.3		21.9	
December	1.8		22.2	

Forced Molt as Percent of All Layers – States and United States: October 1, 2009 and 2010

[As of the first of the month]

State	Being molted		Molt completed	
	2009	2010	2009	2010
	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	0.5	8.0	6.0
Arkansas	4.5	3.0	11.5	11.0
California	4.0	5.5	31.0	30.0
Colorado	5.5	5.0	12.5	26.5
Connecticut	-	-	6.5	8.5
Florida	4.5	9.5	33.0	37.0
Georgia	3.0	5.5	14.5	15.0
Hawaii	10.0	9.0	54.0	48.5
Illinois	4.0	13.0	32.5	19.0
Indiana	3.5	5.5	32.5	27.5
Iowa	3.5	6.5	30.5	32.0
Maine	-	-	-	-
Maryland	4.5	11.5	7.0	14.0
Michigan	4.5	2.5	21.0	21.5
Minnesota	3.5	2.0	28.5	24.5
Mississippi	2.0	3.0	10.5	9.5
Missouri	1.5	5.0	18.0	17.0
Nebraska	2.0	-	2.0	2.0
New York	0.0	0.5	7.5	11.0
North Carolina	2.0	4.0	8.0	16.5
Ohio	3.5	3.0	19.5	21.5
Oregon	5.0	8.5	32.0	24.0
Pennsylvania	2.0	1.5	13.5	11.5
South Carolina	-	4.5	22.0	16.5
South Dakota	6.5	10.0	21.0	30.5
Texas	3.5	4.0	19.5	19.0
Utah ¹	(NA)	12.5	(NA)	31.5
Virginia	2.0	-	17.0	19.5
Washington	10.0	7.5	32.5	34.5
Wisconsin	8.5	4.0	24.5	34.0
Other States ²	5.4	2.7	17.9	16.9
United States	3.5	4.4	21.1	21.4

- Represents zero.

(NA) Not available.

¹ Included in Other States in 2009.

² Includes data for States not listed in this table.

Hatchery Production – United States: 2009 and 2010

Item	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on October 1	36,511	39,427	108
Chicks hatched during September	40,515	40,307	99
Chicks hatched January through September	356,537	372,649	105
Pullets hatched during September for intended placements:			
Hatchery supply flocks	220	262	119
Cumulative potential placements 7-18 months earlier ¹	2,985	3,432	115
Broiler-type			
Eggs in incubators on October 1	587,958	621,428	106
Chicks hatched during September	742,769	761,473	103
Chicks hatched January through September	6,900,679	6,974,972	101
Pullets hatched during September for intended placements:			
Hatchery supply flocks	7,110	7,128	100
Cumulative potential placements 7-15 months earlier ²	63,204	62,218	98

¹ 2010 includes pullet chicks hatched March 2009 through February 2010.

² 2010 includes pullet chicks hatched June 2009 through February 2010.

Egg-Type Eggs in Incubators – Regions and United States: October 1, 2009 and 2010

[See regional listing on page 19]

Region	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)
North Atlantic	5,652	5,435	96
East North Central	8,026	7,466	93
West North Central	7,944	8,716	110
South Atlantic	2,803	4,846	173
South Central	4,573	5,420	119
West	7,513	7,544	100
United States	36,511	39,427	108

Egg-Type Chicks Hatched by Month – United States: 2009-2010

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

Month	By months			Cumulative		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)	(1,000)	(1,000)	(percent)
January	37,812	38,794	103	37,812	38,794	103
February	36,795	40,120	109	74,607	78,914	106
March	41,737	45,151	108	116,344	124,065	107
April	42,794	47,503	111	159,138	171,568	108
May	40,758	43,075	106	199,896	214,643	107
June	41,968	42,623	102	241,864	257,266	106
July	36,213	38,053	105	278,077	295,319	106
August	37,945	37,023	98	316,022	332,342	105
September	40,515	40,307	99	356,537	372,649	105
October	37,566			394,103		
November	34,512			428,615		
December	39,554			468,169		

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2009-2010

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

Month	Pullet chicks hatched		2010 as percent of 2009	Cumulative potential placements relative to current supply flocks 7-18 months earlier ¹	
	2009	2010		2010	2011
	(1,000)	(1,000)	(percent)	(1,000)	(1,000)
January	240	227	95	3,198	3,292
February	256	296	116	3,296	3,168
March	277	260	94	3,308	3,142
April	307	232	76	3,318	3,184
May	275	230	84	3,322	
June	321	318	99	3,295	
July	342	218	64	3,405	
August	291	265	91	3,392	
September	220	262	119	3,432	
October	277			3,415	
November	290			3,340	
December	309			3,295	
Total	3,405				

¹ For September 2010, includes breeder pullet chicks hatched March 2009 through February 2010. 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 – Regions and United States: October 1, 2009 and 2010

[See regional listing on page 19]

Region	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)
North Atlantic	12,224	12,123	99
East North Central	11,140	11,950	107
West North Central	27,134	28,162	104
South Atlantic	217,531	228,803	105
South Central	299,156	319,728	107
West	20,773	20,662	99
United States	587,958	621,428	106

Broiler-Type Chicks Hatched – States and United States: September 2009 and 2010

State	During September			January-September		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)	(1,000)	(1,000)	(percent)
Alabama	101,887	107,962	106	966,549	985,330	102
Arkansas	83,136	85,559	103	782,495	787,133	101
Delaware	12,588	13,949	111	115,146	119,125	103
Florida	3,279	4,784	146	32,377	43,387	134
Georgia	113,624	114,988	101	1,040,163	1,032,406	99
Kentucky	27,228	27,883	102	250,517	254,532	102
Louisiana	12,299	11,980	97	102,081	112,138	110
Maryland	31,147	26,244	84	288,669	270,888	94
Mississippi	65,144	67,198	103	596,416	631,528	106
North Carolina	65,257	69,544	107	609,254	626,394	103
Oklahoma	24,269	22,576	93	222,122	215,330	97
Pennsylvania	13,607	13,621	100	124,238	120,233	97
South Carolina	19,550	20,025	102	178,787	184,099	103
Texas	56,118	57,253	102	525,814	514,089	98
Virginia	22,082	22,259	101	200,327	207,701	104
California, Missouri, Tennessee, and West Virginia	66,671	70,467	106	634,331	636,634	100
19 States ¹	717,886	736,292	103	6,669,286	6,740,947	101
Other States ²	24,883	25,181	101	231,393	234,025	101
United States	742,769	761,473	103	6,900,679	6,974,972	101

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: 2009-2010

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

Month	By months			Cumulative		
	2009	2010	2010 as percent of 2009	2009	2010	2010 as percent of 2009
	(1,000)	(1,000)	(percent)	(1,000)	(1,000)	(percent)
January	780,219	775,615	99	780,219	775,615	99
February	704,234	699,776	99	1,484,453	1,475,391	99
March	785,851	786,954	100	2,270,304	2,262,345	100
April	758,663	767,225	101	3,028,967	3,029,570	100
May	789,812	797,833	101	3,818,779	3,827,403	100
June	773,590	786,707	102	4,592,369	4,614,110	100
July	784,118	800,860	102	5,376,487	5,414,970	101
August	781,423	798,529	102	6,157,910	6,213,499	101
September	742,769	761,473	103	6,900,679	6,974,972	101
October	730,698			7,631,377		
November	705,439			8,336,816		
December	779,533			9,116,349		

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2009-2010

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

Month	Pullet chicks hatched		2010 as percent of 2009	Cumulative potential placements relative to current supply flocks 7-15 months earlier ¹	
	2009	2010		2010	2011
	(1,000)	(1,000)	(percent)	(1,000)	(1,000)
United States placements					
January	7,142	7,219	101	62,833	63,658
February	7,215	6,994	97	62,005	63,945
March	6,773	6,610	98	62,142	63,912
April	6,240	6,538	105	62,672	64,413
May	7,658	8,351	109	61,918	
June	7,157	7,585	106	62,049	
July	6,214	6,675	107	61,903	
August	7,163	7,313	102	62,882	
September	7,110	7,128	100	62,218	
October	6,388			61,671	
November	7,346			61,995	
December	6,627			63,183	
Annual total	83,033				
Total placements ²					
January	8,410	8,626	103		
February	8,524	8,972	105		
March	8,626	8,910	103		
April	7,746	8,031	104		
May	9,143	10,338	113		
June	8,830	9,666	109		
July	7,469	8,520	114		
August	8,975	9,009	100		
September	8,947	9,087	102		
October	7,883				
November	8,916				
December	8,400				
Annual total	101,869				

¹ For September 2010, includes breeder pullet chicks hatched June 2009 through February 2010.

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 650 contractors, independent egg producers, and pullet only operations are contacted each month. All known hatcheries, approximately 300, are contacted for information on a weekly and/or monthly basis.

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 U.S. 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 placed on feed 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. A 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 A Root Mean Square Error@ is shown for selected items in the following table. The A Root Mean Square Error@ is a statistical measure based on past performance and is computed using the differences between first and final estimates. The A Root Mean Square Error@ for all layers over the past 24 months is 0.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 337 million layers by more than 0.1 percent. Chances are 9 out of 10 that the difference will not exceed 0.2 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) 0.1	(percent) 0.2	(1,000) 315	(1,000) -	(1,000) 841	(number) 16	(number) 7
Eggs	0.1	0.2	(million) 7	(million) -	(million) 21	16	7

- Represents zero.

Regional Listing

North Atlantic: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin.

West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota.

South Atlantic: Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia.

South Central: Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas.

West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, New Mexico, Nevada, Oregon, Utah, Washington, Wyoming.

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.

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

Doug Bounds – Poultry Slaughter, Turkey Hatchery, Turkeys Raised (202) 690-3237

David Colwell – Cold Storage (202) 720-8784

Chris Hawthorn – Catfish Processing, Catfish Production, Trout Production,
Census of Aquaculture, Egg Products, Mink (202) 720-0585

Kim Linonis – Layers, Eggs (202) 690-8632

Troy Marshall – Broiler Hatchery, Chicken Hatchery, Honey (202) 720-3244

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- Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

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@nass.usda.gov.

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