



# Chickens and Eggs

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## **April Egg Production Up Slightly**

United States egg production totaled 7.61 billion during April 2011, up slightly from last year. Production included 6.56 billion table eggs, and 1.06 billion hatching eggs, of which 987 million were broiler-type and 70 million were egg-type. The total number of layers during April 2011 averaged 340 million, down slightly from last year. April egg production per 100 layers was 2,236 eggs, up 1 percent from April 2010.

All layers in the United States on May 1, 2011 totaled 339 million, down slightly from last year. The 339 million layers consisted of 281 million layers producing table or market type eggs, 54.7 million layers producing broiler-type hatching eggs, and 2.93 million layers producing egg-type hatching eggs. Rate of lay per day on May 1, 2011, averaged 74.3 eggs per 100 layers, up 2 percent from May 1, 2010.

## **Egg-Type Chicks Hatched Down 9 Percent**

Egg-type chicks hatched during April 2011 totaled 43.4 million, down 9 percent from April 2010. Eggs in incubators totaled 40.8 million on May 1, 2011, down 2 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 287 thousand during April 2011, up 24 percent from April 2010.

## **Broiler-Type Chicks Hatched Up 2 Percent**

Broiler-type chicks hatched during April 2011 totaled 780 million, up 2 percent from April 2010. Eggs in incubators totaled 649 million on May 1, 2011, up 1 percent from a year earlier.

Leading breeders placed 6.90 million broiler-type pullet chicks for future domestic hatchery supply flocks during April 2011, up 1 percent from April 2010.

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## Average Number of All Layers on Hand During the Month – United States: 2010-2011

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

Month	2010		2011	
	(1,000 layers)		(1,000 layers)	
December <sup>1</sup> .....		340,936		342,661
January .....		340,596		341,701
February .....		340,486		339,338
March .....		342,098		340,461
April .....		341,318		340,468
May .....		339,344		
June .....		339,750		
July .....		339,929		
August .....		340,084		
September .....		338,739		
October .....		336,804		
November .....		339,447		

<sup>1</sup> December preceding year.

## Egg Production During the Month by Type – United States: 2010-2011

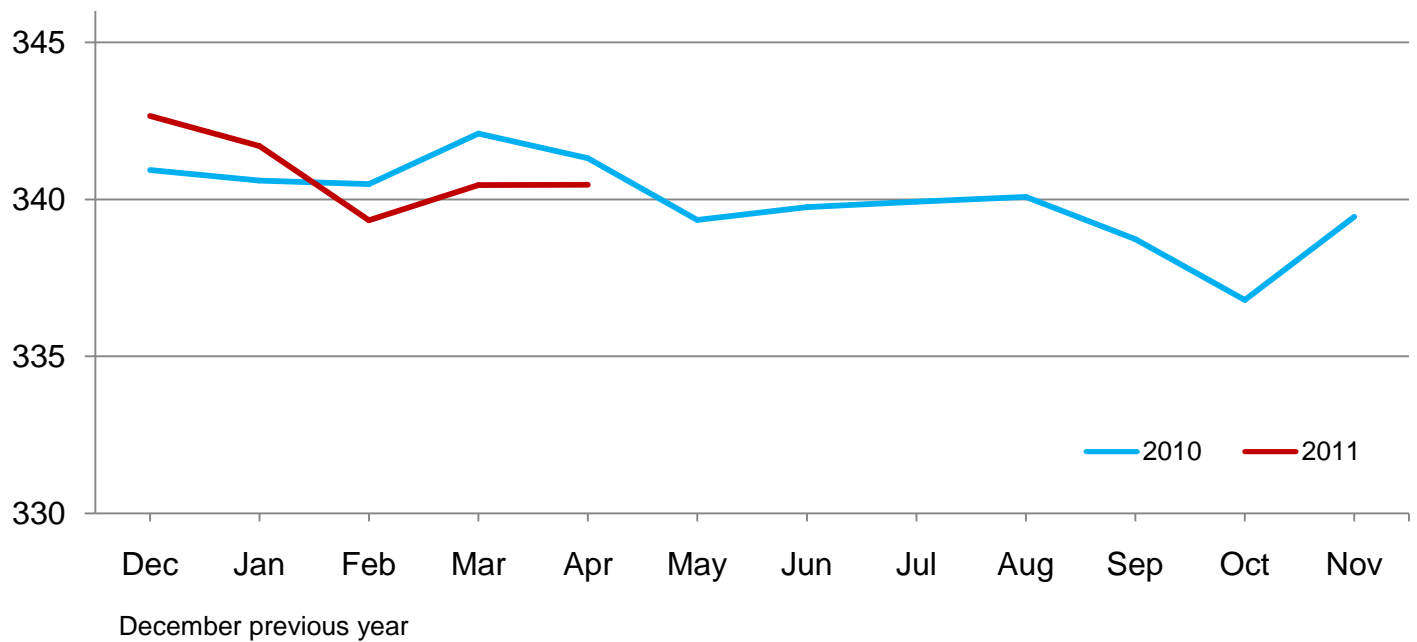
[Blank data cells indicate estimation period has not yet begun. Totals may not add due to rounding]

Month	Total eggs		Table eggs		Hatching eggs	
	2010	2011	2010	2011	2010	2011
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December <sup>1</sup> .....	7,853	7,920	6,779	6,850	1,074	1,070
January .....	7,724	7,821	6,637	6,739	1,087	1,083
February .....	6,935	7,006	5,950	6,029	985	976
March .....	7,839	7,836	6,740	6,754	1,098	1,083
April .....	7,578	7,612	6,503	6,555	1,075	1,057
May .....	7,716		6,607		1,109	
June .....	7,484		6,415		1,069	
July .....	7,719		6,610		1,109	
August .....	7,765		6,669		1,096	
September .....	7,514		6,464		1,050	
October .....	7,698		6,618		1,080	
November .....	7,573		6,538		1,036	
During year .....	91,398		78,530		12,868	

<sup>1</sup> December preceding year.

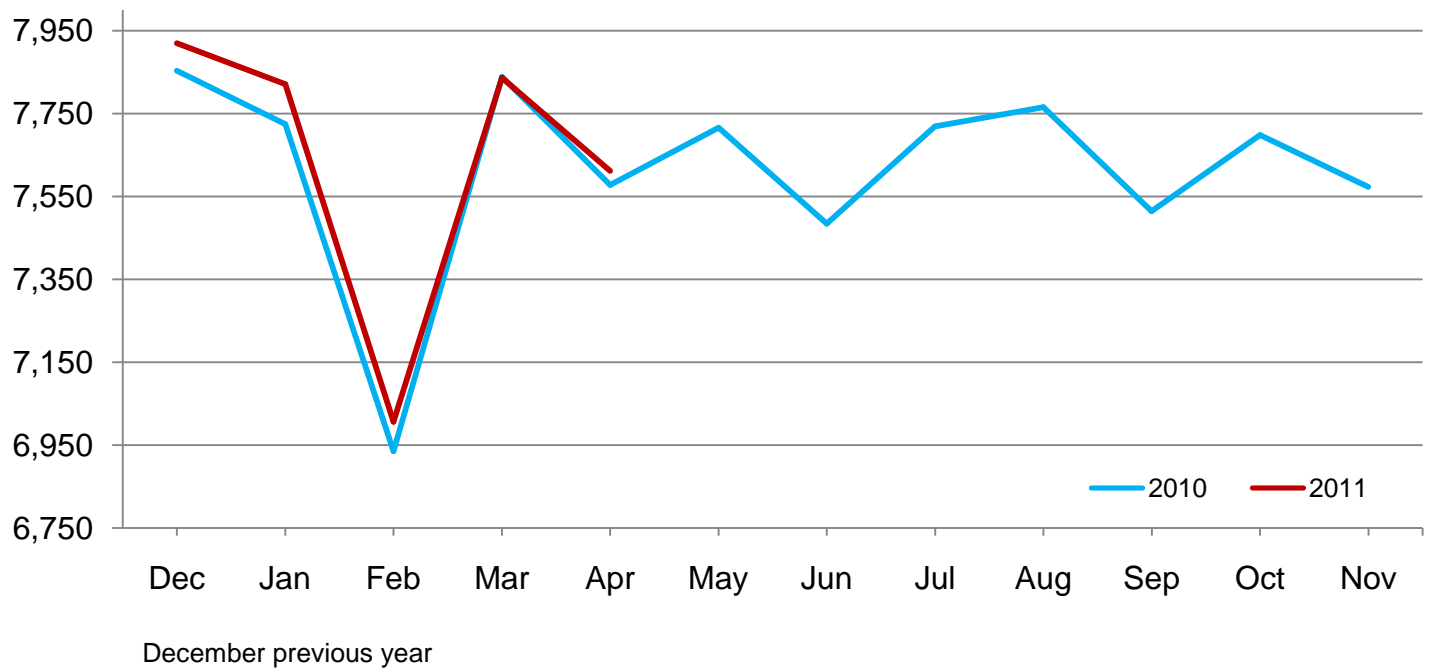
## Average Layers During the Month – United States

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:  
March-April 2010 and 2011**

[Totals may not add due to rounding]

Item	2010	2011	2011 as percent of 2010
<b>Layers during March</b>			
All layers ..... 1,000	342,098	340,461	100
Table egg type ..... 1,000	283,718	283,087	100
Hatching egg type ..... 1,000	58,380	57,374	98
Broiler-type hatching ..... 1,000	55,379	54,397	98
Egg-type hatching ..... 1,000	3,001	2,977	99
<b>Eggs per 100 layers during March</b>			
All layers ..... number	2,291	2,302	100
Table egg type ..... number	2,376	2,386	100
Hatching egg type ..... number	1,881	1,888	100
Broiler-type hatching ..... number	1,845	1,857	101
Egg-type hatching ..... number	2,532	2,452	97
<b>Eggs produced during March</b>			
All layers ..... million	7,839	7,836	100
Table egg type ..... million	6,740	6,754	100
Hatching egg type ..... million	1,098	1,083	99
Broiler-type hatching ..... million	1,022	1,010	99
Egg-type hatching ..... million	76	73	96
<b>Layers on April 1</b>			
All layers ..... 1,000	342,969	341,872	100
Table egg type ..... 1,000	284,552	284,492	100
Hatching egg type ..... 1,000	58,417	57,380	98
Broiler-type hatching ..... 1,000	55,382	54,451	98
Egg-type hatching ..... 1,000	3,035	2,929	97
<b>Eggs per 100 layers on April 1</b>			
All layers ..... number	74.8	74.5	100
Table egg type ..... number	77.6	77.2	99
Hatching egg type ..... number	61.0	60.8	100
Broiler-type hatching ..... number	60.0	59.8	100
Egg-type hatching ..... number	80.6	79.8	99
<b>Forced molt layers on April 1</b>			
Being molted ..... percent	2.8	2.6	93
Molt completed ..... percent	21.3	20.0	94
Layers sold for slaughter during March ..... 1,000	14,677	13,753	94
Layers rendered, died, destroyed, composted or disappeared for any reason during March ..... 1,000	6,484	6,910	107
Pullets on April 1 ..... 1,000	102,204	106,319	104
Pullets added during March <sup>1</sup> ..... 1,000	23,833	25,258	106

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

## Layers on Hand and Eggs Produced by Type and Forced Molt – United States: April-May 2010 and 2011

[Totals may not add due to rounding]

Item	2010	2011	2011 as percent of 2010
Layers during April			
All layers ..... 1,000	341,318	340,468	100
Table egg type ..... 1,000	282,523	282,945	100
Hatching egg type ..... 1,000	58,795	57,523	98
Broiler-type hatching ..... 1,000	55,777	54,593	98
Egg-type hatching ..... 1,000	3,018	2,930	97
Eggs per 100 layers during April			
All layers ..... number	2,220	2,236	101
Table egg type ..... number	2,302	2,317	101
Hatching egg type ..... number	1,828	1,838	101
Broiler-type hatching ..... number	1,795	1,808	101
Egg-type hatching ..... number	2,452	2,389	97
Eggs produced during April			
All layers ..... million	7,578	7,612	100
Table egg type ..... million	6,503	6,555	101
Hatching egg type ..... million	1,075	1,057	98
Broiler-type hatching ..... million	1,001	987	99
Egg-type hatching ..... million	74	70	95
Layers on May 1			
All layers ..... 1,000	339,635	339,032	100
Table egg type ..... 1,000	280,479	281,381	100
Hatching egg type ..... 1,000	59,156	57,651	97
Broiler-type hatching ..... 1,000	56,161	54,725	97
Egg-type hatching ..... 1,000	2,995	2,926	98
Eggs per 100 layers on May 1			
All layers ..... number	73.2	74.3	102
Table egg type ..... number	75.7	77.0	102
Hatching egg type ..... number	60.9	61.2	100
Broiler-type hatching ..... number	59.8	60.3	101
Egg-type hatching ..... number	80.8	77.9	96
Forced molt layers on May 1			
Being molted ..... percent	4.2	3.0	71
Molt completed ..... percent	21.5	20.0	93
Layers sold for slaughter during April ..... 1,000	14,452	13,689	95
Layers rendered, died, destroyed, composted or disappeared for any reason during April ..... 1,000	9,406	11,699	124
Pullets on May 1 ..... 1,000	102,218	104,223	102
Pullets added during April <sup>1</sup> ..... 1,000	21,166	21,377	101

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

## Layers on Hand and Eggs Produced – States and United States: During March 2010 and 2011

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2010	2011	2010	2011	2010	2011
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,340	1,399	9,792	9,777	1,848	1,882
Arkansas .....	3,258	3,201	12,299	11,964	2,025	2,048
California .....	19,233	19,019	19,542	19,324	2,374	2,339
Colorado .....	3,192	3,366	3,702	3,816	2,485	2,358
Connecticut .....	2,500	2,196	2,576	2,270	2,329	2,335
Florida .....	9,272	9,123	9,560	9,468	2,385	2,324
Georgia .....	8,816	8,855	17,610	17,178	2,220	2,206
Hawaii <sup>1</sup> .....	270	(NA)	315	(NA)	1,873	(NA)
Illinois .....	4,323	4,235	4,547	4,460	2,375	2,287
Indiana .....	23,123	22,854	23,886	23,599	2,353	2,394
Iowa .....	53,447	52,574	54,327	53,428	2,306	2,313
Maine .....	3,570	3,455	3,625	3,510	2,455	2,450
Maryland .....	2,219	2,130	2,340	2,266	2,350	2,339
Michigan .....	10,104	10,251	10,273	10,422	2,453	2,504
Minnesota .....	9,953	9,984	10,453	10,448	2,325	2,297
Mississippi .....	1,474	1,523	6,050	6,020	2,083	2,043
Missouri .....	5,685	5,884	7,058	7,255	2,324	2,371
Nebraska .....	9,382	9,380	9,432	9,430	2,439	2,492
New York .....	3,713	4,005	3,943	4,236	2,485	2,502
North Carolina .....	5,920	5,839	13,358	13,310	2,089	2,029
Ohio .....	27,616	26,783	28,119	27,291	2,272	2,371
Oregon .....	2,449	2,292	2,581	2,413	2,441	2,528
Pennsylvania .....	22,630	24,057	23,747	25,282	2,489	2,464
South Carolina .....	3,140	3,139	4,417	4,429	2,196	2,213
South Dakota .....	2,390	2,267	2,430	2,307	2,387	2,471
Texas .....	13,411	13,872	17,957	18,309	2,300	2,288
Utah .....	3,403	3,451	3,433	3,481	2,243	2,471
Virginia .....	1,172	1,167	3,006	2,947	2,063	1,934
Washington .....	6,344	6,438	6,459	6,554	2,384	2,502
Wisconsin .....	4,242	4,007	4,826	4,583	2,300	2,335
Other States <sup>2</sup> .....	11,635	11,831	20,435	20,684	2,173	2,151
United States .....	279,226	278,577	342,098	340,461	2,291	2,302

(NA) Not available.

<sup>1</sup> Included in Other States in 2011.

<sup>2</sup> Includes data for States not published in this table.



## Layers on Hand and Eggs Produced – States and United States: During April 2010 and 2011

State	Table egg layers in flocks 30,000 and above		All layers		Eggs per 100 for all layers	
	2010	2011	2010	2011	2010	2011
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,338	1,359	9,855	9,650	1,847	1,845
Arkansas .....	3,252	3,145	12,283	12,005	1,978	1,958
California .....	19,205	19,355	19,513	19,659	2,255	2,314
Colorado .....	3,227	3,518	3,766	3,987	2,363	2,282
Connecticut .....	2,533	2,217	2,607	2,289	2,301	2,315
Florida .....	9,065	9,232	9,382	9,569	2,238	2,236
Georgia .....	8,609	8,502	17,462	16,979	2,107	2,114
Hawaii <sup>1</sup> .....	287	(NA)	332	(NA)	1,807	(NA)
Illinois .....	4,403	4,288	4,622	4,515	2,272	2,148
Indiana .....	22,923	22,825	23,686	23,568	2,292	2,338
Iowa .....	53,563	52,350	54,442	53,160	2,263	2,240
Maine .....	3,575	3,540	3,630	3,595	2,397	2,337
Maryland .....	2,118	2,099	2,253	2,231	2,219	2,376
Michigan .....	10,046	10,326	10,216	10,496	2,418	2,458
Minnesota .....	9,865	9,883	10,355	10,350	2,231	2,280
Mississippi .....	1,389	1,513	6,096	6,060	1,969	2,013
Missouri .....	5,726	6,006	7,069	7,397	2,263	2,298
Nebraska .....	9,368	9,271	9,418	9,321	2,389	2,425
New York .....	3,560	3,838	3,787	4,065	2,403	2,411
North Carolina .....	6,008	5,926	13,586	13,330	1,987	1,980
Ohio .....	27,372	26,904	27,880	27,422	2,217	2,265
Oregon .....	2,498	2,106	2,646	2,244	2,419	2,540
Pennsylvania .....	22,544	24,392	23,664	25,618	2,426	2,397
South Carolina .....	3,076	3,047	4,356	4,363	2,089	2,177
South Dakota .....	2,336	2,331	2,376	2,371	2,273	2,320
Texas .....	13,510	13,628	18,090	18,097	2,184	2,210
Utah .....	3,433	3,420	3,463	3,450	2,195	2,377
Virginia .....	1,232	1,082	3,041	2,904	1,973	1,963
Washington .....	6,272	6,536	6,387	6,652	2,317	2,435
Wisconsin .....	4,277	3,969	4,868	4,548	2,280	2,199
Other States <sup>2</sup> .....	11,421	11,827	20,187	20,573	2,120	2,110
United States .....	278,031	278,435	341,318	340,468	2,220	2,236

(NA) Not available.

<sup>1</sup> Included in Other States in 2011.

<sup>2</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: March 2010 and 2011

[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	
	2010	2011	2010	2011	2010	2011
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	181	184	30	31	151	153
Arkansas .....	249	245	84	79	165	166
California .....	464	452	(D)	(D)	(D)	(D)
Colorado .....	92	90	(D)	(D)	(D)	(D)
Connecticut .....	60	53	(D)	(D)	(D)	(D)
Florida .....	228	220	224	215	4	5
Georgia .....	391	379	218	218	173	161
Hawaii <sup>1</sup> .....	5.9	(NA)	5.9	(NA)	-	(NA)
Illinois .....	108	102	105	99	3	3
Indiana .....	562	565	548	551	14	14
Iowa .....	1,253	1,236	1,239	1,222	14	14
Maine .....	89	86	(D)	(D)	(D)	(D)
Maryland .....	55	53	54	52	1	1
Michigan .....	252	261	(D)	(D)	(D)	(D)
Minnesota .....	243	240	235	232	8	8
Mississippi .....	126	123	38	38	88	85
Missouri .....	164	172	(D)	(D)	(D)	(D)
Nebraska .....	230	235	230	235	-	-
New York .....	98	106	(D)	(D)	(D)	(D)
North Carolina .....	279	270	145	138	134	132
Ohio .....	639	647	(D)	(D)	(D)	(D)
Oregon .....	63	61	61	59	2	2
Pennsylvania .....	591	623	570	601	21	22
South Carolina .....	97	98	75	75	22	23
South Dakota .....	58	57	58	57	-	-
Texas .....	413	419	(D)	(D)	(D)	(D)
Utah .....	77	86	77	86	-	-
Virginia .....	62	57	28	24	34	33
Washington .....	154	164	(D)	(D)	(D)	(D)
Wisconsin .....	111	107	(D)	(D)	(D)	(D)
Other States <sup>2</sup> .....	444	445	304	309	140	137
United States .....	7,839	7,836	6,740	6,754	1,098	1,083

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2011.

<sup>2</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: April 2010 and 2011

[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	
	2010	2011	2010	2011	2010	2011
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	182	178	31	31	151	147
Arkansas .....	243	235	78	74	165	161
California .....	440	455	(D)	(D)	(D)	(D)
Colorado .....	89	91	(D)	(D)	(D)	(D)
Connecticut .....	60	53	(D)	(D)	(D)	(D)
Florida .....	210	214	206	208	4	6
Georgia .....	368	359	200	202	168	157
Hawaii <sup>1</sup> .....	6.0	(NA)	6.0	(NA)	-	(NA)
Illinois .....	105	97	102	94	3	3
Indiana .....	543	551	529	538	14	13
Iowa .....	1,232	1,191	1,218	1,178	14	13
Maine .....	87	84	(D)	(D)	(D)	(D)
Maryland .....	50	53	49	51	1	2
Michigan .....	247	258	(D)	(D)	(D)	(D)
Minnesota .....	231	236	223	228	8	8
Mississippi .....	120	122	34	37	86	85
Missouri .....	160	170	(D)	(D)	(D)	(D)
Nebraska .....	225	226	225	226	-	-
New York .....	91	98	(D)	(D)	(D)	(D)
North Carolina .....	270	264	138	135	132	129
Ohio .....	618	621	(D)	(D)	(D)	(D)
Oregon .....	64	57	62	55	2	2
Pennsylvania .....	574	614	554	592	20	22
South Carolina .....	91	95	70	72	21	23
South Dakota .....	54	55	54	55	-	-
Texas .....	395	400	(D)	(D)	(D)	(D)
Utah .....	76	82	76	82	-	-
Virginia .....	60	57	27	24	33	33
Washington .....	148	162	(D)	(D)	(D)	(D)
Wisconsin .....	111	100	(D)	(D)	(D)	(D)
Other States <sup>2</sup> .....	428	434	294	301	134	134
United States .....	7,578	7,612	6,503	6,555	1,075	1,057

- Represents zero.

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

(NA) Not available.

<sup>1</sup> Included in Other States in 2011.

<sup>2</sup> Includes data for States not published in this table.

## Forced Molt as Percent of All Layers by Month – United States: 2010-2011

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

Month	Being molted		Molt completed	
	2010	2011	2010	2011
	(percent)	(percent)	(percent)	(percent)
January .....	2.7	2.8	20.8	21.3
February .....	3.6	3.6	20.3	20.3
March .....	3.2	3.1	21.2	20.2
April .....	2.8	2.6	21.3	20.0
May .....	4.2	3.0	21.5	20.0
June .....	3.3		22.7	
July .....	3.3		22.5	
August .....	3.4		22.6	
September .....	2.6		23.0	
October .....	4.4		21.7	
November .....	2.7		22.5	
December .....	1.8		22.5	

## Forced Molt as Percent of All Layers – States and United States: May 1, 2010 and 2011

[As of the first of the month]

State	Being molted		Molt completed	
	2010	2011	2010	2011
	(percent)	(percent)	(percent)	(percent)
Alabama .....	1.5	0.5	6.0	7.5
Arkansas .....	1.5	0.5	8.0	8.5
California .....	10.0	2.5	25.5	26.0
Colorado .....	3.5	6.0	15.5	15.5
Connecticut .....	3.0	9.0	18.0	17.0
Florida .....	9.0	5.0	32.0	35.0
Georgia .....	5.5	1.5	11.5	17.0
Hawaii <sup>1</sup> .....	9.0	(NA)	48.5	(NA)
Illinois .....	7.0	4.5	21.0	25.0
Indiana .....	4.5	3.0	34.0	24.5
Iowa .....	3.5	4.5	38.5	34.5
Maine .....	-	-	-	-
Maryland .....	11.0	-	12.0	26.5
Michigan .....	5.5	3.0	23.0	11.5
Minnesota .....	4.0	6.0	23.0	25.0
Mississippi .....	4.5	2.0	5.5	10.0
Missouri .....	2.5	-	22.0	19.5
Nebraska .....	-	-	2.0	4.0
New York .....	2.0	-	9.5	5.5
North Carolina .....	2.5	-	9.5	17.5
Ohio .....	3.5	3.5	22.0	18.0
Oregon .....	8.0	5.0	29.5	19.0
Pennsylvania .....	2.0	1.0	12.0	9.5
South Carolina .....	6.0	-	12.5	20.0
South Dakota .....	16.5	6.5	21.0	23.5
Texas .....	4.5	5.0	13.5	16.5
Utah .....	11.0	5.5	36.5	35.0
Virginia .....	7.5	3.0	13.0	5.5
Washington .....	9.5	8.0	26.5	25.0
Wisconsin .....	-	6.5	39.0	23.0
Other States <sup>2</sup> .....	2.2	2.2	17.1	14.9
United States .....	4.2	3.0	21.5	20.0

- Represents zero.

(NA) Not available.

<sup>1</sup> Included in Other States in 2011.

<sup>2</sup> Includes data for States not published in this table.

## Hatchery Production – United States: 2010 and 2011

Item	2010	2011	2011 as percent of 2010
	(1,000)	(1,000)	(percent)
<b>Egg-type</b>			
Eggs in incubators on May 1 .....	41,692	40,782	98
Chicks hatched during April .....	47,558	43,429	91
Chicks hatched January through April .....	170,509	166,105	97
Pullets hatched during April for intended placements:			
Hatchery supply flocks .....	232	287	124
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	3,318	3,161	95
<b>Broiler-type</b>			
Eggs in incubators on May 1 .....	644,848	649,093	101
Chicks hatched during April .....	768,296	779,859	102
Chicks hatched January through April .....	3,031,716	3,063,663	101
Pullets hatched during April for intended placements:			
Hatchery supply flocks .....	6,825	6,904	101
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	62,672	63,751	102

<sup>1</sup> 2011 includes pullet chicks hatched October 2009 through September 2010.

<sup>2</sup> 2011 includes pullet chicks hatched January 2010 through September 2010.

## Egg-Type Eggs in Incubators – Regions and United States: May 1, 2010 and 2011

[See regional listing on page 19]

Region	2010	2011	2011 as percent of 2010
	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	5,098	3,831	75
East North Central .....	9,040	8,525	94
West North Central .....	8,761	9,326	106
South Atlantic .....	4,177	4,754	114
South Central .....	5,938	6,120	103
West .....	8,678	8,226	95
United States .....	41,692	40,782	98

## Egg-Type Chicks Hatched by Month – United States: 2010-2011

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

Month	By months			Cumulative		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	38,819	41,366	107	38,819	41,366	107
February .....	39,218	37,336	95	78,037	78,702	101
March .....	44,914	43,974	98	122,951	122,676	100
April .....	47,558	43,429	91	170,509	166,105	97
May .....	43,231			213,740		
June .....	42,331			256,071		
July .....	38,089			294,160		
August .....	37,014			331,174		
September .....	40,130			371,304		
October .....	41,300			412,604		
November .....	38,849			451,453		
December .....	37,759			489,212		

## Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2010-2011

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

Month	Pullet chicks hatched		2011 as percent of 2010	Cumulative potential placements relative to current supply flocks 7-18 months earlier <sup>1</sup>	
	2010	2011		2010	2011
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	227	220	97	3,198	3,292
February .....	296	244	82	3,296	3,168
March .....	260	253	97	3,308	3,130
April .....	232	287	124	3,318	3,161
May .....	230			3,322	3,054
June .....	318			3,295	3,027
July .....	218			3,405	2,981
August .....	253			3,392	2,974
September .....	251			3,432	2,922
October .....	170			3,415	2,915
November .....	263			3,340	2,970
December .....	263			3,295	
Total .....	2,981				

<sup>1</sup> For April 2011, includes breeder pullet chicks hatched October 2009 through September 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: May 1, 2010 and 2011

[See regional listing on page 19]

Region	2010	2011	2011 as percent of 2010
	(1,000 eggs)	(1,000 eggs)	(percent)
North Atlantic .....	12,867	13,095	102
East North Central .....	12,665	12,573	99
West North Central .....	28,518	28,285	99
South Atlantic .....	236,594	242,249	102
South Central .....	330,384	328,771	100
West .....	23,820	24,120	101
United States .....	644,848	649,093	101

## Broiler-Type Chicks Hatched – States and United States: April 2010 and 2011

State	During April			January-April		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama .....	107,808	109,255	101	424,653	433,142	102
Arkansas .....	86,476	85,792	99	344,860	338,640	98
Delaware .....	13,553	14,072	104	48,448	57,047	118
Florida .....	4,627	4,889	106	18,709	18,904	101
Georgia .....	112,528	119,260	106	446,716	473,548	106
Kentucky .....	28,802	28,245	98	112,302	108,325	96
Louisiana .....	12,539	12,325	98	49,010	48,723	99
Maryland .....	32,231	27,848	86	126,886	108,967	86
Mississippi .....	70,156	71,435	102	276,805	275,366	99
North Carolina .....	66,671	72,817	109	266,300	284,301	107
Oklahoma .....	25,440	25,781	101	99,318	99,679	100
Pennsylvania .....	13,314	13,069	98	52,099	54,882	105
South Carolina .....	20,649	18,981	92	79,566	76,410	96
Texas .....	55,070	55,624	101	221,448	219,155	99
Virginia .....	22,891	23,366	102	89,519	88,459	99
California, Missouri, Tennessee, and West Virginia .....	69,660	70,858	102	272,504	276,322	101
19 States <sup>1</sup> .....	742,415	753,617	102	2,929,143	2,961,870	101
Other States <sup>2</sup> .....	25,881	26,242	101	102,573	101,793	99
United States .....	768,296	779,859	102	3,031,716	3,063,663	101

<sup>1</sup> States in the weekly hatchery production estimating program.

<sup>2</sup> Not published separately to avoid disclosing data for individual operations.

## Broiler-Type Chicks Hatched by Month – United States: 2010-2011

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

Month	By months			Cumulative		
	2010	2011	2011 as percent of 2010	2010	2011	2011 as percent of 2010
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	775,431	781,123	101	775,431	781,123	101
February .....	700,050	708,724	101	1,475,481	1,489,847	101
March .....	787,939	793,957	101	2,263,420	2,283,804	101
April .....	768,296	779,859	102	3,031,716	3,063,663	101
May .....	799,068			3,830,784		
June .....	787,703			4,618,487		
July .....	801,716			5,420,203		
August .....	798,751			6,218,954		
September .....	762,494			6,981,448		
October .....	768,094			7,749,542		
November .....	741,093			8,490,635		
December .....	786,440			9,277,075		



## Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2010-2011

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

Month	Pullet chicks hatched		2011 as percent of 2010	Cumulative potential placements relative to current supply flocks 7-15 months earlier <sup>1</sup>	
	2010	2011		2010	2011
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
<b>United States placements</b>					
January .....	6,637	6,989	105	62,833	62,996
February .....	7,021	7,107	101	62,005	63,283
March .....	6,673	7,058	106	62,142	63,250
April .....	6,825	6,904	101	62,672	63,751
May .....	8,351			61,918	63,990
June .....	7,128			62,049	64,558
July .....	6,675			61,903	64,656
August .....	7,313			62,300	64,820
September .....	7,128			61,663	63,576
October .....	6,876			61,179	63,506
November .....	7,589			61,790	63,735
December .....	6,771			62,978	
Annual total .....	84,987				
<b>Total placements <sup>2</sup></b>					
January .....	8,626	8,548	99		
February .....	9,151	8,782	96		
March .....	9,033	9,023	100		
April .....	8,210	8,643	105		
May .....	10,338				
June .....	9,055				
July .....	8,520				
August .....	9,009				
September .....	9,087				
October .....	8,553				
November .....	9,314				
December .....	8,596				
Annual total .....	107,492				

<sup>1</sup> For April 2011, includes breeder pullet chicks hatched January 2010 through September 2010.

<sup>2</sup> 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 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 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. "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 0.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 340 million layers by more than 0.3 percent. Chances are 9 out of 10 that the difference will not exceed 0.6 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) 0.3	(percent) 0.6	(1,000) 1,080	(1,000) 51	(1,000) 2,021	(number) 23	(number) 1
Eggs .....	0.3	0.6	(million) 23	(million) 1	(million) 45	23	1

## 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](mailto: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) 720-3106
- David Colwell – Cold Storage ..... (202) 720-8784
- Kim Linonis – Layers, Eggs ..... (202) 690-8632
- Troy Marshall – Broiler Hatchery, Chicken Hatchery, Honey ..... (202) 720-3244
- Miste Salmon – Catfish Processing, Catfish Production, Trout Production,  
        Census of Aquaculture, Egg Products, Mink ..... (202) 720-0585

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