



# Chickens and Eggs

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## **December Egg Production Up 3 Percent**

U.S. egg production totaled 7.27 billion during December 1999, up 3 percent from the 7.05 billion produced in 1998. Production included 6.19 billion table eggs and 1.08 billion hatching eggs, of which 1.02 billion were broiler-type and 64.0 million were egg-type. The total number of layers during December 1999 averaged 329 million, up 2 percent from the total average number of layers during December 1998. December egg production per 100 layers was 2,213 eggs, up 1 percent from 2,190 eggs in December 1998.

All layers in the U.S. on January 1, 2000 totaled 328 million, up 2 percent from a year ago. The 328 million layers consisted of 270 million layers producing table or commercial type eggs, 55.6 million layers producing broiler-type hatching eggs, and 2.73 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 1999, averaged 70.7 eggs per 100 layers, up 1 percent from the 70.3 a year ago.

Laying flocks in the 30 major egg producing States produced 6.84 billion eggs during December, up 3 percent from December 1998. The average number of layers during December, at 309 million, was up 2 percent from a year earlier.

Individual State estimates are available for the 30 major egg producing States. These States are listed on page 8 of this release and account for approximately 94 percent of the total U.S. egg production. Production for the other States are grouped into an "Other States" category and combined with the 30 States published individually to obtain a U.S. estimate. Individual State estimates for "Other States" are available annually in the "**Chickens and Eggs Summary**" report.

### **Egg-Type Chicks Hatched Down 8 Percent**

Egg-type chicks **hatched** during December totaled 32.7 million, down 8 percent from December 1998. **Eggs in incubators** totaled 30.5 million on January 1, 2000, down 7 percent from a year ago.

Domestic placements of **egg-type pullet chicks for future hatchery supply flocks** by leading breeders totaled 175,000 during December 1999, down 4 percent from December 1998.

### **Broiler Hatch Up 1 Percent**

The December 1999 **hatch** of broiler-type chicks, at 748 million, was up 1 percent from December of the previous year. There were 624 million **eggs in incubators** on January 1, 2000, up 1 percent from a year earlier.

Leading breeders placed 7 million **broiler-type pullet chicks for future domestic hatchery supply flocks** during December 1999, up 1 percent from December 1998.

**All Layers: Average Number on Hand During the Month,  
United States, 1997-00**

Month	1997	1998	1999	2000
	<i>1,000 Layers</i>	<i>1,000 Layers</i>	<i>1,000 Layers</i>	<i>1,000 Layers</i>
Dec <sup>1</sup>	304,463	311,898	321,782	328,646
Jan	304,289	311,906	322,326	
Feb	304,000	313,285	322,797	
Mar	304,285	314,141	322,758	
Apr	303,618	311,957	321,515	
May	302,241	309,655	320,498	
Jun	300,537	309,206	320,441	
Jul	299,605	308,967	319,811	
Aug	300,211	309,291	320,173	
Sep	303,661	311,358	322,394	
Oct	306,807	313,377	325,272	
Nov	309,670	319,625	328,253	

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

**Eggs: Production During the Month by Type,  
United States, 1999-00**

Month	Total Eggs		Table Eggs		Hatching Eggs	
	1999	2000	1999	2000	1999	2000
	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>
Dec <sup>1</sup>	7,047	7,274	5,975	6,194	1,072	1,080
Jan	6,979		5,898		1,081	
Feb	6,281		5,295		986	
Mar	7,052		5,943		1,109	
Apr	6,784		5,708		1,076	
May	6,941		5,824		1,117	
Jun	6,742		5,652		1,090	
Jul	6,903		5,797		1,106	
Aug	6,971		5,876		1,095	
Sep	6,860		5,797		1,063	
Oct	7,131		6,039		1,092	
Nov	7,016		5,967		1,049	
During Year	82,707	7,274	69,771	6,194	12,936	1,080

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

**Layers and Eggs: Layers on Hand and Eggs Produced by Type,  
and Forced Molt, United States, November-December 1998-99 <sup>1</sup>**

Item	Unit	1998	1999	1999 as % of 1998
Layers During Nov	1,000			
All Layers		319,625	328,253	103
Table Egg Type		262,300	270,042	103
Hatching Egg Type		57,325	58,211	102
Broiler-Type Hatching		54,746	55,535	101
Egg-Type Hatching		2,579	2,676	104
Eggs per 100 Layers During Nov	Number			
All Layers		2,109	2,137	101
Table Egg Type		2,178	2,210	101
Hatching Egg Type		1,793	1,802	101
Broiler-Type Hatching		1,768	1,779	101
Egg-Type Hatching		2,326	2,280	98
Eggs Produced During Nov	Million			
All Layers		6,741	7,016	104
Table Egg Type		5,713	5,967	104
Hatching Egg Type		1,028	1,049	102
Broiler-Type Hatching		968	988	102
Egg-Type Hatching		60	61	102
Layers on Dec 1	1,000			
All Layers		321,718	329,305	102
Table Egg Type		264,064	270,795	103
Hatching Egg Type		57,654	58,510	101
Broiler-Type Hatching		55,038	55,778	101
Egg-Type Hatching		2,616	2,732	104
Eggs per 100 Layers on Dec 1	Number			
All Layers		70.7	71.7	101
Table Egg Type		73.1	74.4	102
Hatching Egg Type		59.8	59.2	99
Broiler-Type Hatching		59.0	58.4	99
Egg-Type Hatching		77.4	75.4	97
Forced Molt Layers on Dec 1	Percent			
Percent Being Molted		2.7	2.0	74
Percent with Molt Completed		23.9	24.4	102
Layers Sold for Slaughter During Nov	1,000	12,688	16,186	128
Layers Rendered, Died, Destroyed, Composted or Disappeared For Any Reason During Nov	1,000	2,935	3,831	131
Pullets Less Than 20 Weeks of Age, Dec 1	1,000	95,645	97,362	102
Pullets Added During Nov <sup>2</sup>	1,000	22,120	23,724	107

<sup>1</sup> Revised.

<sup>2</sup> Pullet chicks one day old added to pullet flocks.

**Layers and Eggs: Layers on Hand and Eggs Produced by Type,  
and Forced Molt, United States, December-January 1998-00**

Item	Unit	1998	1999	1999 as % of 1998
Layers During Dec	1,000			
All Layers		321,782	328,646	102
Table Egg Type		263,524	270,220	103
Hatching Egg Type		58,258	58,426	100
Broiler-Type Hatching		55,593	55,691	100
Egg-Type Hatching		2,665	2,735	103
Eggs per 100 Layers During Dec	Number			
All Layers		2,190	2,213	101
Table Egg Type		2,267	2,292	101
Hatching Egg Type		1,840	1,848	100
Broiler-Type Hatching		1,813	1,824	101
Egg-Type Hatching		2,402	2,340	97
Eggs Produced During Dec	Million			
All Layers		7,047	7,274	103
Table Egg Type		5,975	6,194	104
Hatching Egg Type		1,072	1,080	101
Broiler-Type Hatching		1,008	1,016	101
Egg-Type Hatching		64	64	100
		1999	2000	2000 as % of 1999
Layers on Jan 1	1,000			
All Layers		322,137	327,938	102
Table Egg Type		263,300	269,615	102
Hatching Egg Type		58,837	58,323	99
Broiler-Type Hatching		56,134	55,593	99
Egg-Type Hatching		2,703	2,730	101
Eggs per 100 Layers on Jan 1	Number			
All Layers		70.3	70.7	101
Table Egg Type		72.9	73.1	100
Hatching Egg Type		58.7	59.6	102
Broiler-Type Hatching		57.8	58.8	102
Egg-Type Hatching		77.1	77.3	100
Forced Molt Layers on Jan 1	Percent			
Percent Being Molted		4.1	2.9	71
Percent with Molt Completed		22.5	23.0	102
Layers Sold for Slaughter During Dec	1,000	16,686	16,767	100
Layers Rendered, Died, Destroyed, Composted or Disappeared For Any Reason During Dec	1,000	3,301	3,957	120
Pullets Less Than 20 Weeks of Age, Jan 1	1,000	94,494	97,120	103
Pullets Added During Dec <sup>1</sup>	1,000	20,542	20,135	98

<sup>1</sup> Pullet chicks one day old added to pullet flocks.

**Layers and Eggs: Layers on Hand and Eggs Produced by Type, and Forced  
Molt, 30 Selected States, November-December, 1998-99 <sup>1 2</sup>**

Item	Unit	1998	1999	1999 as % of 1998
Layers During Nov	1,000			
All Layers		301,925	308,665	102
Table Egg Type		248,945	254,911	102
Hatching Egg Type		52,980	53,754	101
Broiler-Type Hatching		50,500	51,181	101
Egg-Type Hatching		2,480	2,573	104
Eggs per 100 Layers During Nov	Number			
All Layers		2,109	2,137	101
Table Egg Type		2,176	2,205	101
Hatching Egg Type		1,797	1,816	101
Broiler-Type Hatching		1,770	1,792	101
Egg-Type Hatching		2,339	2,293	98
Eggs Produced During Nov	Million			
All Layers		6,369	6,596	104
Table Egg Type		5,417	5,620	104
Hatching Egg Type		952	976	103
Broiler-Type Hatching		894	917	103
Egg-Type Hatching		58	59	102
Layers on Dec 1	1,000			
All Layers		304,101	309,686	102
Table Egg Type		250,839	255,628	102
Hatching Egg Type		53,262	54,058	101
Broiler-Type Hatching		50,744	51,440	101
Egg-Type Hatching		2,518	2,618	104
Eggs per 100 Layers on Dec 1	Number			
All Layers		70.7	71.8	102
Table Egg Type		73.0	74.3	102
Hatching Egg Type		60.0	60.1	100
Broiler-Type Hatching		59.1	59.3	100
Egg-Type Hatching		77.7	75.7	97
Forced Molt Layers on Dec 1	Percent			
Percent Being Molted		2.7	2.1	78
Percent with Molt Completed		23.7	24.7	104
Layers Sold for Slaughter During Nov	1,000	12,118	15,272	126
Layers Rendered, Died, Destroyed, Composted or Disappeared For Any Reason During Nov	1,000	2,787	3,667	132
Pullets Less Than 20 Weeks of Age, Dec 1	1,000	90,437	91,042	101
Pullets Added During Nov <sup>3</sup>	1,000	20,835	22,380	107

<sup>1</sup> The 30 States are listed in the table on page 8.

<sup>2</sup> Revised.

<sup>3</sup> Pullet chicks one day old added to pullet flocks.

**Layers and Eggs: Layers on Hand and Eggs Produced by Type,  
and Forced Molt, 30 Selected States, December-January 1998-00 <sup>1</sup>**

Item	Unit	1998	1999 <sup>2</sup>	1999 as % of 1998
Layers During Dec	1,000			
All Layers		304,037	309,057	102
Table Egg Type		250,178	255,063	102
Hatching Egg Type		53,859	53,994	100
Broiler-Type Hatching		51,304	51,371	100
Egg-Type Hatching		2,555	2,623	103
Eggs per 100 Layers During Dec	Number			
All Layers		2,188	2,214	101
Table Egg Type		2,262	2,289	101
Hatching Egg Type		1,844	1,863	101
Broiler-Type Hatching		1,815	1,838	101
Egg-Type Hatching		2,427	2,364	97
Eggs Produced During Dec	Million			
All Layers		6,651	6,844	103
Table Egg Type		5,658	5,838	103
Hatching Egg Type		993	1,006	101
Broiler-Type Hatching		931	944	101
Egg-Type Hatching		62	62	100
		1999	2000	2000 as % of 1999
Layers on Jan 1	1,000			
All Layers		304,278	308,394	101
Table Egg Type		249,844	254,478	102
Hatching Egg Type		54,434	53,916	99
Broiler-Type Hatching		51,852	51,293	99
Egg-Type Hatching		2,582	2,623	102
Eggs per 100 Layers on Jan 1	Number			
All Layers		70.3	70.9	101
Table Egg Type		72.8	73.3	101
Hatching Egg Type		58.7	59.6	102
Broiler-Type Hatching		57.8	58.7	102
Egg-Type Hatching		77.7	77.4	100
Forced Molt Layers on Jan 1	Percent			
Percent Being Molted		4.1	2.9	71
Percent with Molt Completed		22.3	23.2	104
Layers Sold for Slaughter During Dec	1,000	16,206	16,115	99
Layers Rendered, Died, Destroyed, Composted or Disappeared For Any Reason During Dec	1,000	3,177	3,727	117
Pullets Less Than 20 Weeks of Age, Jan 1	1,000	89,134	90,983	102
Pullets Added During Dec <sup>3</sup>	1,000	19,467	19,371	100

<sup>1</sup> The 30 States are listed in the table on page 8.

<sup>2</sup> Revised.

<sup>3</sup> Pullet chicks one day old added to pullet flocks.

**Layers and Eggs: Layers on Hand and Eggs Produced by State  
and United States, During November 1998-99**

State	Table Egg Layers in Flocks 30,000 and Above		All Layers <sup>1</sup>		Eggs per 100 for All Layers <sup>1</sup>	
	1998	1999 <sup>2</sup>	1998	1999 <sup>2</sup>	1998	1999 <sup>2</sup>
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Number</i>	<i>Number</i>
AL	4,101	3,595	10,749	10,533	1,963	1,937
AR	4,428	4,990	14,574	15,550	1,859	1,878
CA	25,045	24,815	25,702	25,502	2,202	2,141
CO	3,123	3,254	3,682	3,773	2,146	2,253
CT	2,870	2,934	3,037	3,087	2,305	2,332
FL	9,996	10,097	10,686	10,727	2,162	2,144
GA	12,198	11,833	21,649	21,050	2,042	2,095
HI	596	569	623	598	2,006	1,940
IL	2,657	3,258	2,921	3,601	2,123	2,305
IN	21,373	21,886	22,047	22,546	2,123	2,209
IA	23,755	25,686	24,660	26,601	2,076	2,210
ME	5,009	4,477	5,118	4,611	2,384	2,321
MD	3,038	3,004	3,501	3,438	2,114	2,269
MI	5,427	5,923	5,704	6,189	2,191	2,197
MN	11,478	11,960	12,166	12,631	2,104	2,114
MS	1,686	1,759	6,616	6,845	1,889	1,928
MO	5,403	4,636	6,851	6,111	2,146	2,242
NE	10,377	11,620	10,527	11,770	2,156	2,116
NY	3,353	3,502	3,602	3,732	2,332	2,304
NC	3,783	3,647	11,332	11,338	1,915	1,870
OH	29,166	30,817	29,815	31,400	2,197	2,188
OK	1,994	1,962	4,003	3,945	1,924	1,926
OR	2,627	2,741	2,788	2,917	2,188	2,228
PA	21,405	21,631	22,721	22,965	2,205	2,216
SC	3,648	3,906	4,676	4,881	2,096	2,090
SD	2,010	1,904	2,233	2,125	2,194	2,212
TX	13,723	13,786	17,580	17,796	2,059	2,152
VA	1,652	1,580	3,715	3,462	1,911	1,993
WA	4,873	4,604	4,993	4,724	2,271	2,231
WI	3,110	3,639	3,654	4,217	2,189	2,324
30 Sts	243,904	250,015	301,925	308,665	2,109	2,137
Oth Sts <sup>3</sup>	12,279	14,080	17,700	19,588	2,102	2,144
US	256,183	264,095	319,625	328,253	2,109	2,137

<sup>1</sup> Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

<sup>2</sup> Revised.

<sup>3</sup> Estimates for individual States are not available.



**Layers and Eggs: Layers on Hand and Eggs Produced by State  
and United States, During December 1998-99**

State	Table Egg Layers in Flocks 30,000 and Above		All Layers <sup>1</sup>		Eggs per 100 for All Layers <sup>1</sup>	
	1998	1999	1998	1999	1998	1999
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Number</i>	<i>Number</i>
AL	3,793	3,462	10,576	10,431	1,957	1,975
AR	4,565	5,151	14,851	15,782	1,919	1,926
CA	25,657	24,282	26,357	24,931	2,261	2,250
CO	2,989	3,314	3,556	3,830	2,193	2,298
CT	2,933	2,954	3,114	3,088	2,312	2,429
FL	10,244	10,051	10,981	10,678	2,259	2,266
GA	11,892	11,800	21,417	21,002	2,134	2,181
HI	578	552	604	580	2,152	2,086
IL	2,713	3,121	2,959	3,432	2,140	2,331
IN	21,265	22,107	21,965	22,743	2,213	2,335
IA	24,261	26,399	25,177	27,242	2,157	2,247
ME	5,082	4,209	5,195	4,322	2,464	2,406
MD	3,137	3,036	3,599	3,493	2,334	2,405
MI	5,486	5,929	5,763	6,206	2,290	2,257
MN	11,403	12,138	12,119	12,831	2,178	2,198
MS	1,661	1,765	6,651	6,675	1,932	2,022
MO	5,179	4,724	6,641	6,182	2,259	2,232
NE	10,522	11,700	10,672	11,850	2,202	2,186
NY	3,322	3,657	3,577	3,851	2,432	2,337
NC	3,847	3,587	11,552	11,429	1,974	1,934
OH	29,639	30,778	30,344	31,454	2,304	2,283
OK	1,988	1,967	4,025	3,962	1,963	1,944
OR	2,874	2,737	3,031	2,916	2,270	2,366
PA	21,389	21,306	22,752	22,720	2,334	2,271
SC	3,660	3,846	4,667	4,764	1,971	2,204
SD	1,960	1,899	2,203	2,129	2,270	2,208
TX	13,719	13,830	17,608	17,899	2,175	2,252
VA	1,545	1,580	3,644	3,559	1,894	2,023
WA	4,893	4,616	5,013	4,736	2,322	2,310
WI	3,135	3,686	3,602	4,340	2,281	2,419
30 Sts	245,153	250,183	304,037	309,057	2,188	2,214
Oth Sts <sup>2</sup>	12,302	14,111	17,745	19,589	2,232	2,200
US	257,455	264,294	321,782	328,646	2,190	2,213

<sup>1</sup> Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

<sup>2</sup> Estimates for individual States are not available.

**Egg Production: By Type, State, and United States,  
November 1998-99**

State	Total Production		Table Eggs <sup>1</sup>		Hatching Eggs <sup>1</sup>	
	1998	1999 <sup>2</sup>	1998	1999 <sup>2</sup>	1998	1999 <sup>2</sup>
	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>
AL	211	204	95	80	116	124
AR	271	292	98	108	173	184
CA	566	546				
CO	79	85				
CT	70	72				
FL	231	230	218	219	13	11
GA	442	441	267	263	175	178
HI	12.5	11.6	12.5	11.6	0	0
IL	62	83	58	78	4	5
IN	468	498	457	486	11	12
IA	512	588				
ME	122	107				
MD	74	78	66	71	8	7
MI	125	136				
MN	256	267	247	259	9	8
MS	125	132	37	41	88	91
MO	147	137				
NE	227	249	227	249	0	0
NY	84	86				
NC	217	212	89	87	128	125
OH	655	687				
OK	77	76	45	44	32	32
OR	61	65	60	64	1	1
PA	501	509	486	493	15	16
SC	98	102	79	85	19	17
SD	49	47	49	47	0	0
TX	362	383				
VA	71	69	37	36	34	33
WA	113	105				
WI	80	98				
30 Sts	6,369	6,596	5,417	5,620	952	976
Oth Sts <sup>3</sup>	372	420	296	347	76	73
US	6,741	7,016	5,713	5,967	1,028	1,049

<sup>1</sup> Data by type of flock not shown for some States to avoid disclosing individual operations.

<sup>2</sup> Revised.

<sup>3</sup> Estimates for individual States are not available.

**Egg Production: By Type, State, and United States,  
December 1998-99**

State	Total Production		Table Eggs <sup>1</sup>		Hatching Eggs <sup>1</sup>	
	1998	1999	1998	1999	1998	1999
	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>	<i>Million Eggs</i>
AL	207	206	88	79	119	127
AR	285	304	103	116	182	188
CA	596	561				
CO	78	88				
CT	72	75				
FL	248	242	234	231	14	11
GA	457	458	274	276	183	182
HI	12.8	12.1	12.8	12.1	0	0
IL	63	80	59	75	4	5
IN	486	531	474	519	12	12
IA	543	612				
ME	128	104				
MD	84	84	76	76	8	8
MI	132	140				
MN	264	282	254	273	10	9
MS	129	135	38	43	91	92
MO	150	138				
NE	235	259	235	259	0	0
NY	87	90				
NC	228	221	94	90	134	131
OH	699	718				
OK	79	77	46	45	33	32
OR	69	69	68	67	1	2
PA	531	516	515	498	16	18
SC	92	105	76	88	16	17
SD	50	47	50	47	0	0
TX	383	403				
VA	69	72	33	37	36	35
WA	116	109				
WI	82	105				
30 Sts	6,651	6,844	5,658	5,838	993	1,006
Oth Sts <sup>2</sup>	396	431	317	356	79	74
US	7,047	7,274	5,975	6,194	1,072	1,080

<sup>1</sup> Data by type of flock not shown for some States to avoid disclosing individual operations.

<sup>2</sup> Estimates for individual States are not available.

**Forced Molt: Percent of All Layers by Month,  
United States, 1999-00 <sup>1</sup>**

Month	Percent Being Molted		Percent with Molt Completed	
	1999	2000	1999	2000
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Jan	4.1	2.9	22.5	23.0
Feb	4.9		22.1	
Mar	3.3		21.8	
Apr	2.8		21.7	
May	5.6		21.7	
Jun	5.2		21.9	
Jul	5.5		22.1	
Aug	4.6		23.0	
Sep	4.3		22.2	
Oct	4.2		22.8	
Nov	3.6		23.1	
Dec	2.0		24.4	

<sup>1</sup> As of first of month.

**Forced Molt: Percent of All Layers by State  
and United States, January 1999-00 <sup>1</sup>**

State	Percent Being Molted		Percent with Molt Completed	
	1999	2000	1999	2000
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AL	4.5	1.5	13.5	13.0
AR	2.5	1.0	8.0	8.0
CA	7.5	4.0	38.5	39.0
CO	2.5	0.0	36.0	24.0
CT	0.0	0.0	12.5	11.5
FL	4.5	4.0	35.0	42.0
GA	4.0	3.0	17.5	15.5
HI	7.5	6.5	42.0	47.0
IL	8.5	1.5	25.5	8.5
IN	1.0	2.0	29.5	32.0
IA	4.5	5.0	30.0	33.0
ME	0.0	0.0	1.5	0.0
MD	1.0	3.0	31.0	37.0
MI	6.5	6.5	21.5	29.5
MN	5.0	1.5	34.5	29.0
MS	4.5	2.0	8.5	17.5
MO	1.0	0.0	18.0	25.0
NE	5.5	6.0	15.0	27.5
NY	1.0	1.0	5.5	4.0
NC	1.5	1.0	9.5	10.5
OH	4.5	0.5	12.0	13.0
OK	1.0	1.5	8.5	10.0
OR	2.5	6.5	27.5	32.5
PA	4.5	4.5	21.0	21.0
SC	5.0	5.5	26.5	27.5
SD	3.0	4.0	26.0	28.0
TX	6.0	2.5	25.5	21.0
VA	3.5	5.5	4.0	14.5
WA	4.5	4.5	49.5	44.0
WI	3.5	6.0	29.0	19.0
30 Sts	4.1	2.9	22.3	23.2
Oth Sts <sup>2</sup>	3.5	3.1	26.1	19.4
US	4.1	2.9	22.5	23.0

<sup>1</sup> As of first of month.

<sup>2</sup> Estimates for individual States are not available.

**Hatchery Production: Eggs in Incubators, Chicks Hatched,  
and Placements by Type, United States, December-January 1999-00**

Item	1999	2000	2000 as % of 1999
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Egg-Type			
Eggs in Incubators on Jan 1	32,836	30,465	93
Chicks Hatched During Dec <sup>1</sup>	35,733	32,730	92
Chicks Hatched Jan thru Dec <sup>1</sup>	438,393	448,758	102
Pullets Hatched During Jan for Intended Placements in Hatchery Supply Flocks	183	175	96
7-18 Month Earlier <sup>2</sup>	2,929	3,179	109
Broiler-Type			
Eggs in Incubators on Jan 1	619,107	623,774	101
Chicks Hatched During Dec <sup>1</sup>	737,840	747,905	101
Chicks Hatched Jan thru Dec <sup>1</sup>	8,495,093	8,708,106	103
Pullets Hatched During Jan for Intended Placements in Hatchery Supply Flocks	6,904	6,999	101
7-15 Months Earlier <sup>3</sup>	58,973	64,337	109

<sup>1</sup> Previous year.

<sup>2</sup> 1999 includes pullet chicks hatched Jun 1998 through May 1999.

<sup>3</sup> 1999 includes pullet chicks hatched Sep 1998 through May 1999.

**Egg-Type Eggs in Incubators: By Region and United States,  
January 1, 1999-00**

Geographic Division	1999	2000	2000 as % of 1999
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
North Atlantic	5,827	5,792	99
E North Central	8,677	7,715	89
W North Central	5,374	5,735	107
South Atlantic	5,189	3,352	65
South Central	3,808	3,028	80
West	3,961	4,843	122
US	32,836	30,465	93

Regional Listing:

North Atlantic = CT, ME, MA, NH, NJ, NY, PA, RI, VT.

E North Central = IL, IN, MI, OH, WI.

W North Central = IA, KS, MN, MO, NE, ND, SD.

South Atlantic = DE, FL, GA, MD, NC, SC, VA, WV.

South Central = AL, AR, KY, LA, MS, OK, TN, TX.

West = AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY.

**Egg-Type Chicks Hatched: By State and United States,  
December 1998-99**

State	December			Jan-Dec		
	1998	1999	1999 as % of 1998	1998	1999	1999 as % of 1998
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
AR	659	727	110	9,095	9,750	107
FL	1,006	885	88	12,295	12,755	104
GA	1,718	1,652	96	23,679	23,051	97
IN	7,372	5,757	78	84,455	83,142	98
IA	4,418	4,989	113	52,931	57,790	109
KS	415	267	64	3,025	3,675	121
MN	1,919	1,156	60	22,273	20,746	93
MO	306	306	100	4,023	4,058	101
PA	6,096	4,757	78	64,277	64,583	100
Oth Sts <sup>1</sup>	11,824	12,234	103	162,340	169,208	104
US	35,733	32,730	92	438,393	448,758	102

<sup>1</sup> Not published separately to avoid disclosing data for individual operations.

**Egg-Type Chicks Hatched: By Month, United States, 1997-99**

Month	By Months				Cumulative			
	1997	1998	1999	1999 as % of 1998	1997	1998	1999	1999 as % of 1998
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Jan	33,752	37,159	35,653	96	33,752	37,159	35,653	96
Feb	35,655	34,593	35,648	103	69,407	71,752	71,301	99
Mar	37,347	40,590	41,325	102	106,754	112,342	112,626	100
Apr	38,842	39,043	42,043	108	145,596	151,385	154,669	102
May	39,020	39,192	40,590	104	184,616	190,577	195,259	102
Jun	36,796	39,302	40,569	103	221,412	229,879	235,828	103
Jul	33,772	35,558	34,269	96	255,184	265,437	270,097	102
Aug	33,061	33,380	35,453	106	288,245	298,817	305,550	102
Sep	37,118	37,943	38,841	102	325,363	336,760	344,391	102
Oct	35,262	34,649	38,559	111	360,625	371,409	382,950	103
Nov	28,122	31,251	33,078	106	388,747	402,660	416,028	103
Dec	35,796	35,733	32,730	92	424,543	438,393	448,758	102

**Intended Placements: Egg-Type Pullet Chicks for Hatchery Supply  
Flocks by Month and Total, United States, 1997-99 <sup>1</sup>**

Month	Pullet Chicks Hatched			1999 as % of 1998	Cumulative Potential Placements Relative to Current Supply Flocks 7-18 Months Earlier <sup>2</sup>		
	1997	1998	1999		1998	1999	2000
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Jan	208	189	166	88	2,823	3,029	3,012
Feb	222	250	267	107	2,764	3,120	2,945
Mar	209	225	257	114	2,863	3,020	3,078
Apr	316	333	287	86	3,034	2,942	2,981
May	273	192	283	147	3,057	3,044	2,877
Jun	254	354	187	53	2,976	3,132	2,942
Jul	207	298	231	78	2,968	3,108	2,934
Aug	285	185	318	172	2,949	3,085	
Sep	402	324	227	70	2,977	3,102	
Oct	256	358	254	71	2,993	3,134	
Nov	129	217	282	130	3,010	3,088	
Dec	207	183	175	96	2,929	3,179	
Total	2,968	3,108	2,934	94			

<sup>1</sup> 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 30 dozen case of eggs.

<sup>2</sup> For December 1999, includes breeder pullet chicks hatched Jun 1998 through May 1999. 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: By Region  
and United States, January 1, 1999-00**

Geographic Division	1999	2000	2000 as % of 1999
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
North Atlantic	12,095	11,961	99
E North Central	8,233	8,124	99
W North Central	22,570	20,437	91
South Atlantic	235,463	234,443	100
South Central	316,978	325,116	103
West	23,768	23,693	100
US	619,107	623,774	101



**Broiler-Type Chicks Hatched: By State  
and United States, December 1998-99**

State	December			Jan-Dec		
	1998	1999	1999 as % of 1998	1998	1999	1999 as % of 1998
	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
AL	98,238	100,713	103	1,107,119	1,145,581	103
AR	108,872	110,968	102	1,243,834	1,277,900	103
DE	15,479	15,792	102	188,343	187,883	100
FL	9,966	9,677	97	112,151	115,325	103
GA	112,103	110,801	99	1,288,435	1,308,754	102
MD	31,384	31,470	100	369,995	364,684	99
MS	63,512	65,048	102	749,096	763,548	102
NC	61,333	63,631	104	722,470	749,014	104
PA	12,811	12,795	100	150,867	151,359	100
SC	16,173	16,963	105	180,084	195,916	109
TX	48,636	50,161	103	542,961	575,628	106
VA	23,822	23,420	98	279,976	281,461	101
CA TN & WV	40,015	40,899	102	458,381	474,620	104
15 Sts <sup>1</sup>	642,344	652,338	102	7,393,712	7,591,673	103
Oth Sts <sup>2</sup>	95,496	95,567	100	1,101,381	1,116,433	101
US	737,840	747,905	101	8,495,093	8,708,106	103

<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 Chicks Hatched: By Month, United States, 1997-99**

Month	By Months				Cumulative			
	1997	1998	1999	1999 as % of 1998	1997	1998	1999	1999 as % of 1998
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>
Jan	699,952	711,373	735,348	103	699,952	711,373	735,348	103
Feb	634,142	645,180	661,739	103	1,334,094	1,356,553	1,397,087	103
Mar	718,413	730,316	755,179	103	2,052,507	2,086,869	2,152,266	103
Apr	693,717	708,260	734,340	104	2,746,224	2,795,129	2,886,606	103
May	724,679	739,319	766,161	104	3,470,903	3,534,448	3,652,767	103
Jun	704,247	717,967	744,447	104	4,175,150	4,252,415	4,397,214	103
Jul	710,622	722,715	750,547	104	4,885,772	4,975,130	5,147,761	103
Aug	708,572	715,650	741,253	104	5,594,344	5,690,780	5,889,014	103
Sep	684,156	695,281	699,664	101	6,278,500	6,386,061	6,588,678	103
Oct	683,185	693,189	697,787	101	6,961,685	7,079,250	7,286,465	103
Nov	648,141	678,003	673,736	99	7,609,826	7,757,253	7,960,201	103
Dec	711,808	737,840	747,905	101	8,321,634	8,495,093	8,708,106	103

**Intended Placements: Broiler-Type Pullet Chicks for Hatchery  
Supply Flocks by Month and Total, 1997-99 <sup>1</sup>**

Month	Pullet Chicks Hatched			1999 as % of 1998	Cumulative Potential Placements Relative to Current Supply Flocks 7-15 Months Earlier <sup>2</sup>		
	1997	1998	1999		1998	1999	2000
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Percent</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
US Place- ments							
Jan	6,397	6,765	7,059	104	56,552	59,403	64,050
Feb	5,916	6,328	6,882	109	57,494	59,937	64,255
Mar	6,443	6,776	7,195	106	57,677	60,699	64,608
Apr	6,036	6,687	7,038	105	58,228	61,775	64,574
May	7,062	7,062	7,736	110	58,085	61,893	64,636
Jun	6,008	6,932	7,041	102	58,516	62,877	64,738
Jul	7,167	6,788	7,088	104	58,325	63,005	64,542
Aug	6,697	7,109	7,665	108	59,054	63,377	
Sep	6,502	7,328	6,870	94	58,320	63,197	
Oct	6,254	6,883	7,121	103	59,088	63,460	
Nov	6,347	7,312	6,984	96	58,608	63,710	
Dec	6,252	6,904	6,999	101	58,973	64,337	
Annual Total	77,081	82,874	85,678	103			
Total Place- ments <sup>3</sup>							
Jan	7,547	8,613	8,679	101			
Feb	7,122	8,273	8,473	102			
Mar	7,894	8,760	8,863	101			
Apr	7,238	8,300	8,572	103			
May	8,505	8,957	9,463	106			
Jun	7,381	8,757	8,333	95			
Jul	8,460	8,423	8,342	99			
Aug	8,132	8,686	8,983	103			
Sep	8,092	8,985	8,044	90			
Oct	8,142	8,756	8,223	94			
Nov	7,973	9,412	8,228	87			
Dec	8,237	8,830	8,299	94			
Annual Total	94,723	104,752	102,502	98			

<sup>1</sup> 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 30 dozen case of eggs.

<sup>2</sup> For Dec 1999, includes breeder pullet chicks hatched Sep 1998 through May 1999.

<sup>3</sup> U.S. production of intended placements worldwide.

## Procedures and Reliability

**Data Sources:** 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 over 30,000 table egg layers. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 900 contractors, independent egg producers, and started pullet operations are contacted each month. All known hatcheries, approximately 360, are contacted for information on a weekly and/or monthly basis.

**Revisions:** The previous month's estimates are subject to revision if late reports or corrected data indicates a different level. Additionally, revisions needed after the monthly report will be made at the end of the marketing year and published in the annual summaries of "**Chickens and Eggs Summary**" and "**Hatchery Production**".

**Procedures and Reliability:** Operations are mailed a questionnaire and given adequate time to respond by mail. Those that do not respond are phoned. Great care is exercised to ensure that all operations are accounted for during each survey period. However, there are usually missing reports that must be accounted for in the estimates.

Sound statistical methodology is employed to derive estimates from the reported data. All data are checked for unusual values. All operations' data are compared to their own past operating profiles and also to trends from other operations. Data for missing operations are estimated based on similar operations or historical data. Survey data are subject to non-sampling errors such as omissions and mistakes in reporting and in processing. While these errors cannot be measured directly, they are minimized by reviewing all data for consistency and reasonableness.

Egg-type chicks hatched are comprised of all chicks of egg-type domesticated breeds including males and chicks destined for hatchery supply flocks and research purposes. The relationship of chicks hatched to chicken inventory and poultry marketings is 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.

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 egg supply flocks several months before the pullets will actually move into the flocks. Beginning with the January 1996 publication the broiler-type cumulative potential placements went from 7-14 months earlier to 7-15 months earlier. The egg-type cumulative potential placements of 7-18 months represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements of egg-type hatching flocks.

The next "Chickens and Eggs" report will be released at 3 p.m. ET on February 22, 2000.

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