U.S. Flock Trends and Projections

NOVEMBER 10, 2015

Compiled by

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The Egg Industry Center Market Reports & Industry Analysis are compiled in the memory of their creator, Don D. Bell, Poultry Extension Specialist Emeritus - UC Davis.

U.S. EGG INDUSTRY STATISTICAL REPORT SUMMARY

* The September hatch (straight-run chicks) was 12.7% higher than in 2014. This projects forward to a 22.2 million pullet placement for February of 2016 which is 2.5 million larger than February of 2015 placement (19.7).

* Current (September average, 2015) U.S. table egg layer number (275.6 million) is 30.4 million smaller than last year's number at this time (306.0 million), and up 3.4 million compared to last month (272.2 million).

* In September, Iowa led the nation with 32.8 million laying hens compared to 30.7 million in Ohio, 28.0 million in Indiana, and 23.9 million in Pennsylvania. California (with 12.9 million layers) lost it's 5th position to Texas with 15.6 million layers.

* The September U.S. rate of lay was estimated to be 77.4% which is 0.2% lower than the September 2014 level (77.6%). The total number of table eggs produced in September 2015 was 10.2% lower than the September 2014 production.

* The September 2015 number of eggs exported was 38% lower than last year (September 2014) and 11% lower than last month (August 2015). The September exports represented 3.4% of the number of eggs produced.

* Shell eggs broken for products in September 2015 totaled 5.583 million cases, 15.0% less than in September 2014 (6.566 million cases).

* The egg-type hatchery supply flock is projected to be 10% higher in Jan-Mar 2016 than in Jan-Mar 2015 (table 16).

Monthly Highlights (Compared to September a year ago) (% change) - U.S.

	2014	2015	% Change
Hatch - Egg-Type Straight Run (thousands) (U.S.)	43,722	49,272	12.7
Table Egg Layers (millions) (U.S.)	306.0	275.6	-9.9
Rate of lay (percent)	77.6	77.4	-0.3
Molting (October 1, 2015) (percent in + out of a molt)	22.6	24.3	1.7

Year-end layers (millions) - U.S.

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Million	290.9	290.6	284.7	285.6	285.2	286.8	290.1	294.6	300.4	304.8	289.1*

* estimated value

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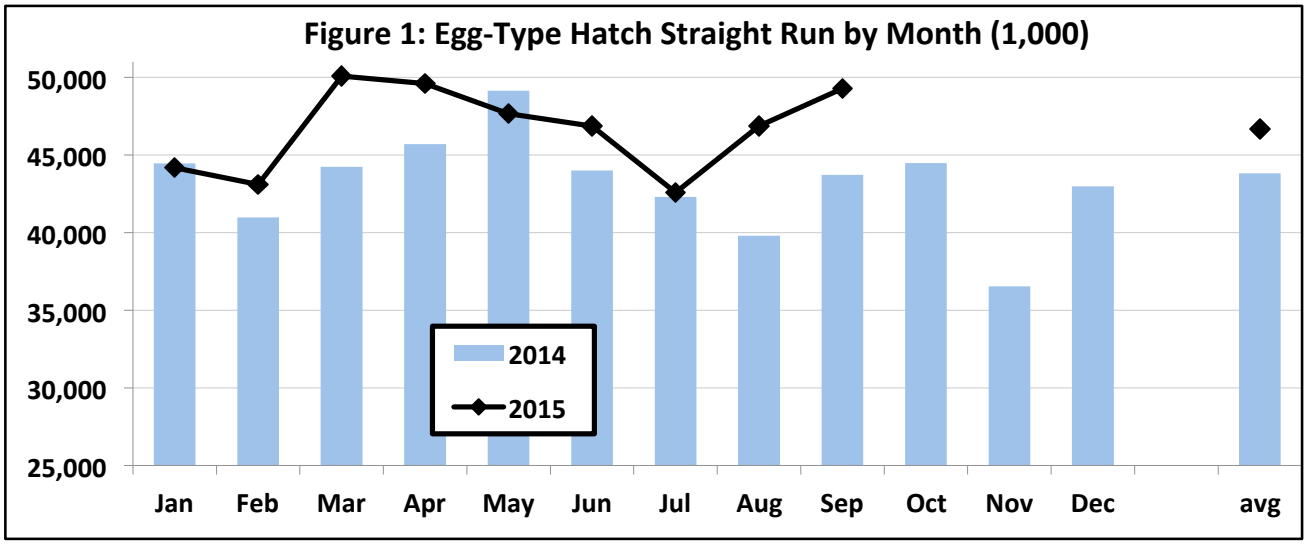
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EGG TYPE: EGGS IN INCUBATORS (on the 1st of the month) and STRAIGHT RUN HATCH (U.S.) **TABLE 1**

EGG-TYPE Eggs in Incubators (thousands)				EGG-TYPE Straight Run Hatch (thousands)			
month	2014	2015	Change (%)	month	2014	2015	Change %
Jan	41,220	42,237	2.5	Jan	44,458	44,174	-0.6
Feb	41,857	40,464	-3.3	Feb	40,986	43,091	5.1
Mar	39,409	46,064	16.9	Mar	44,233	50,077	13.2
Apr	43,197	49,281	14.1	Apr	45,703	49,595	8.5
May	47,407	47,700	0.6	May	49,146	47,652	-3.0
Jun	42,738	47,478	11.1	Jun	44,006	46,868	6.5
Jul	41,041	43,796	6.7	Jul	42,297	42,582	0.7
Aug	39,782	44,434	11.7	Aug	39,803	46,863	17.7
Sep	41,734	47,242	13.2	Sep	43,722	49,272	12.7
Oct	43,275	49,913	15.3	Oct	44,468		
Nov	38,051			Nov	36,544		
Dec	42,006			Dec	42,980		
10 Month Avg.	42,166	45,861	8.8	**9 Month Avg.**	43,817	46,686	6.5
10 Month Total	421,660	458,609		**9 Month Total**	394,354	420,174	
12 Month Total	501,717			**12 Month Total**	518,346		

Source: USDA NASS Chickens and Eggs



AVERAGE U.S. LAYERS AND TABLE EGG LAYERS 2014/2015 (MILLIONS) **TABLE 2**

	All Layers			Table Egg Layers			
month	2014	2015	Change (%)	2013	2014	2015	Change (%)
Jan	359.6	363.7	1.2	298.7	303.4	306.5	1.0
Feb	359.0	362.3	0.9	299.7	302.7	304.7	0.7
Mar	360.0	362.5	0.7	300.4	303.7	304.1	0.1
Apr	360.8	358.4	-0.7	298.1	304.3	300.0	-1.4
May	360.4	341.6	-5.2	296.6	303.6	283.3	-6.7
Jun	359.7	328.7	-8.6	296.9	303.0	269.9	-10.9
Jul	360.8	329.0	-8.8	297.4	304.2	270.8	-11.0
Aug	361.7	330.9	-8.5	299.4	305.4	272.2	-10.9
Sep	361.8	333.3	-7.9	300.1	306.0	275.6	-9.9
Oct	362.0			301.1	306.3		
Nov	364.0			304.5	308.1		
Dec	365.7			305.2	309.1		
9 Month Avg.	360.4	345.6	-4.1	298.6	304.0	287.4	-5.5
Annual Avg.	361.3			299.8	305.0		

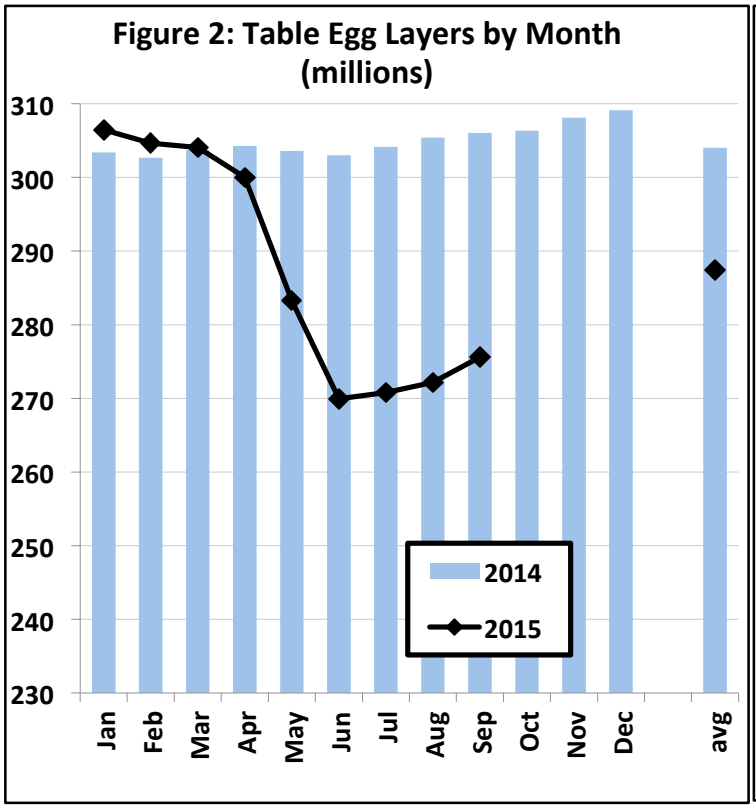
Source: USDA NASS Chickens and Eggs

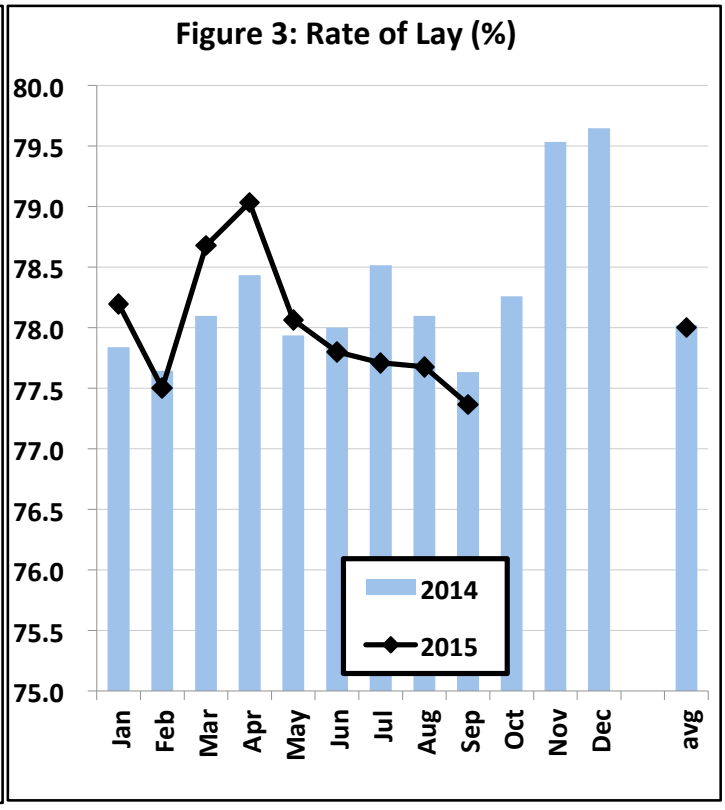
Table egg layers as a % of all layers to date (2015): 83.2%

U.S. ALL EGGS, TABLE EGGS AND RATE OF LAY (ALL STATES) **TABLE 3**

month	All Eggs (millions)			Table Eggs - human consumption (millions)			Rate of Lay (Table)	
	2014	2015	Change (%)	2014	2015	Change (%)	2014	2015
Jan	8,397	8,540	1.7	7,321	7,428	1.5	77.8	78.2
Feb	7,551	7,620	0.9	6,579	6,615	0.5	77.6	77.5
Mar	8,430	8,548	1.4	7,354	7,429	1.0	78.1	78.7
Apr	8,205	8,209	0.0	7,160	7,113	-0.7	78.4	79.0
May	8,428	7,993	-5.2	7,336	6,851	-6.6	77.9	78.1
Jun	8,151	7,416	-9.0	7,091	6,307	-11.1	78.0	77.8
Jul	8,503	7,674	-9.7	7,404	6,527	-11.8	78.5	77.7
Aug	8,491	7,717	-9.1	7,394	6,571	-11.1	78.1	77.7
Sep	8,186	7,494	-8.5	7,126	6,396	-10.2	77.6	77.4
Oct	8,526			7,433			78.3	
Nov	8,411			7,353			79.5	
Dec	8,731			7,633			79.6	
9 Month Avg.	8,260	7,912	-4.2	7,196	6,804	-5.4	78.0	78.0
Annual Avg.	8,334			7,265			78.3	
Total	100,010	71,211		87,184	61,237			

Source: USDA NASS Chickens and Eggs



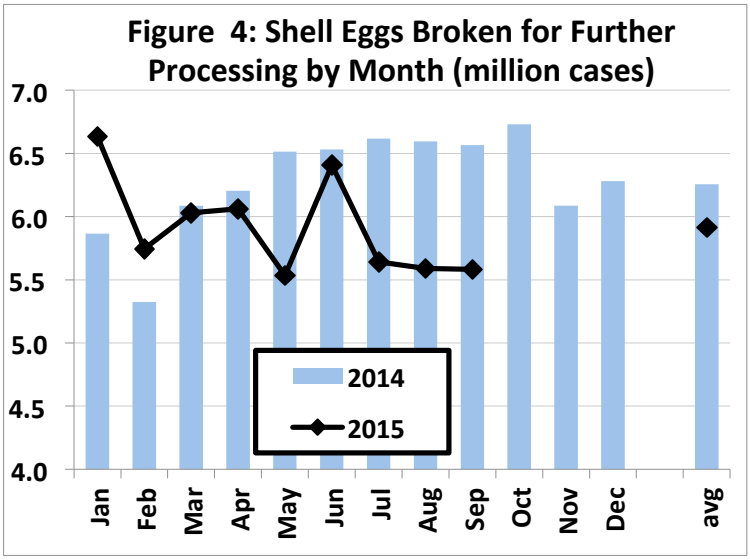


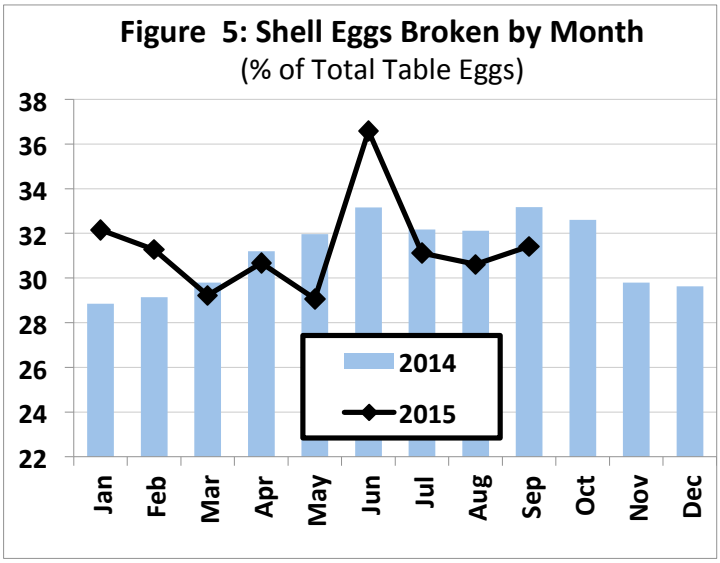
SHELL EGGS BROKEN UNDER FEDERAL INSPECTION (MILLION CASES) **TABLE 4**

month	2009	2010	2011	2012	2013	2014	2015	15/14 (%) Change
Jan	5.732	5.268	5.668	5.666	5.765	5.865	6.634	13.1
Feb	5.058	5.013	5.163	5.524	5.374	5.325	5.746	7.9
Mar	5.423	5.504	6.008	5.715	5.831	6.086	6.030	-0.9
Apr	5.900	5.714	5.464	5.634	5.950	6.205	6.061	-2.3
May	5.933	5.727	5.838	6.057	5.820	6.514	5.533	-15.1
Jun	5.612	6.206	6.167	5.955	6.118	6.532	6.408	-1.9
Jul	6.098	5.977	5.988	5.748	6.266	6.618	5.641	-14.8
Aug	5.681	5.884	6.061	6.523	6.200	6.596	5.589	-15.3
Sep	5.974	6.582	5.869	6.005	6.040	6.566	5.583	-15.0
Oct	6.105	5.842	5.805	6.109	6.289	6.731		
Nov	5.320	5.445	5.786	5.577	5.738	6.086		
Dec	5.424	5.891	5.615	5.964	5.745	6.281		
9 Month Avg.	5.712	5.764	5.803	5.870	5.929	6.256	5.914	-5.5
9 Month Total	51.411	51.875	52.225	52.827	53.364	56.307	53.225	
12 Month Total	68.260	69.054	69.431	70.477	71.136	75.405		

Source: USDA NASS Egg products - monthly

Million Cases Produced	219.144	221.728	228.286	235.956	242.178	170.103
% BROKEN	31.5	31.3	30.9	30.1	31.1	31.3





PER CAPITA EGG CONSUMPTION BY QUARTER **TABLE 5**

QUARTER	2008	2009	2010	2011	2012	2013	2014	2015*
1	61.8	62.0	61.8	61.3	63.2	64.3	64.7	64.4
2	61.3	61.5	61.9	61.5	62.2	63.4	65.3	61.5
3	62.0	61.4	62.5	62.8	63.3	64.7	66.3	60.1
4	63.8	62.9	63.1	64.3	65.6	66.0	66.7	62.6
Total	248.9	247.7	249.3	249.9	254.3	258.4	263.0	248.5

Change from previous year (eggs)	-1.2	1.6	0.6	4.4	4.1	4.6	-14.5

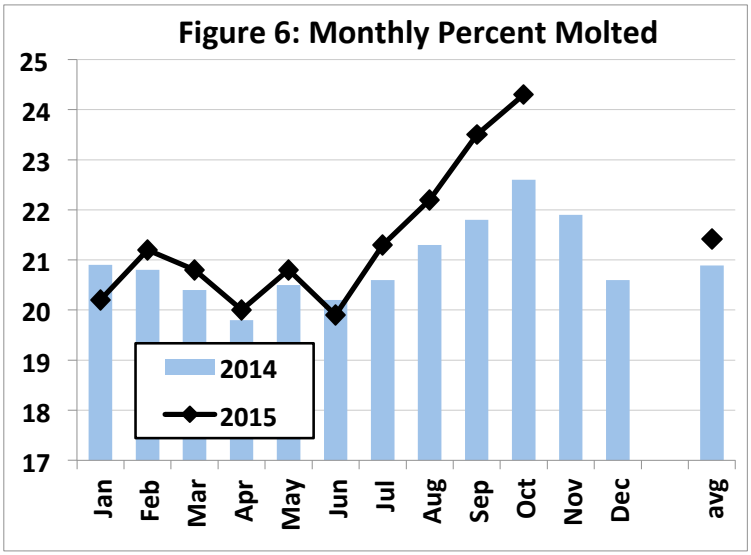
Source: USDA ERS Livestock and Meat Trade Data.

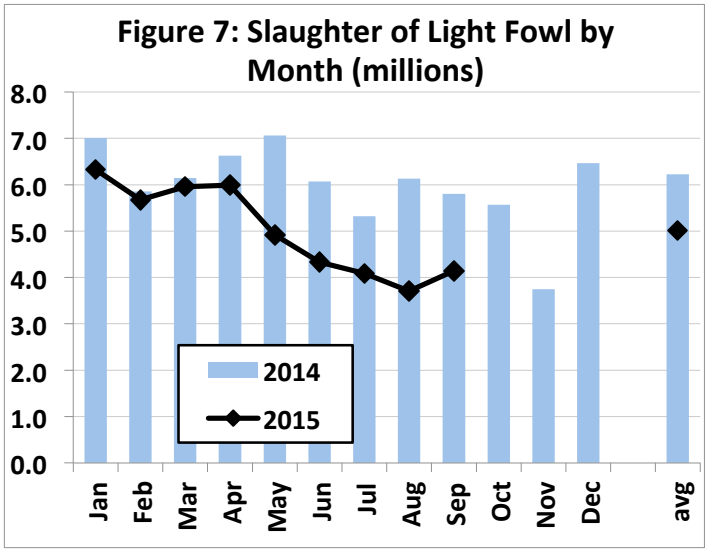
*** Estimates for 2015 (10/2015)**

INDUCED MOLT PERCENT - U.S. TOTALS (1ST OF MONTH) **TABLE 6**

	In a Molt			Completed a Molt		Total		
month	2014	2015	Change	2014	2015	2014	2015	Change
Jan	2.7	2.1	-0.6	18.2	18.1	20.9	20.2	-0.7
Feb	2.8	3.3	0.5	18.0	17.9	20.8	21.2	0.4
Mar	2.4	1.9	-0.5	18.0	18.9	20.4	20.8	0.4
Apr	1.9	2.0	0.1	17.9	18.0	19.8	20.0	0.2
May	2.8	3.1	0.3	17.7	17.7	20.5	20.8	0.3
Jun	3.0	2.4	-0.6	17.2	17.5	20.2	19.9	-0.3
Jul	2.6	2.9	0.3	18.0	18.4	20.6	21.3	0.7
Aug	3.3	2.7	-0.6	18.0	19.5	21.3	22.2	0.9
Sep	2.9	3.4	0.5	18.9	20.1	21.8	23.5	1.7
Oct	3.3	3.4	0.1	19.3	20.9	22.6	24.3	1.7
Nov	2.0			19.9		21.9		
Dec	1.3			19.3		20.6		
10 Month Avg.	2.8	2.7	-0.1	18.1	18.7	20.9	21.4	0.5
12 Month Avg.	2.6			18.4		21.0		

Source: USDA NASS Chickens and Eggs





SLAUGHTER OF LIGHT FOWL (MILLIONS) **TABLE 7**

month	2009	2010	2011	2012	2013	2014	2015	6 YR (09-14) Month Avg.
Jan	6.33	5.80	5.90	6.98	7.63	7.01	6.33	6.61
Feb	5.36	5.22	5.59	5.57	6.20	5.86	5.68	5.63
Mar	6.32	6.50	6.56	7.15	6.49	6.15	5.96	6.53
Apr	6.58	6.59	5.99	7.95	8.31	6.63	5.99	7.01
May	6.32	5.78	6.42	7.91	7.21	7.06	4.92	6.78
Jun	6.36	5.88	5.30	6.25	5.40	6.07	4.33	5.88
Jul	5.94	5.42	5.00	4.45	5.60	5.32	4.09	5.29
Aug	5.46	5.64	5.85	6.00	6.81	6.13	3.71	5.98
Sep	5.20	6.12	5.68	5.39	5.50	5.80	4.14	5.61
Oct	5.85	5.01	5.56	5.60	5.73	5.57		5.55
Nov	4.44	4.07	4.92	5.12	3.59	3.75		4.31
Dec	5.53	5.63	5.60	6.89	6.45	6.47		6.09
9 Month Avg.	5.98	5.88	5.81	6.41	6.57	6.22	5.02	6.15
9 Month Total	53.86	52.95	52.29	57.65	59.16	56.02	45.14	55.32
12 Month Total	69.68	67.66	68.37	75.25	74.92	71.80		71.28

Source USDA NASS Poultry Slaughter

EXPORT OF TABLE EGGS IN THE SHELL IN 2015 (Thousand cases- 30 doz) **TABLE 8**

Month \ To	North America	Central America	Caribbean	European Union-28	East Asia	Southeast Asia	Middle East	Total 2015	Total 2014	% of U.S. Production
Jan	300.6	0.0	17.8	9.1	126.0	0.3	8.8	468.2	293.2	2.27
Feb	356.7	0.0	22.5	6.4	92.7	0.0	6.8	491.3	361.9	2.67
Mar	401.9	0.0	9.6	4.9	97.4	0.0	7.2	525.8	351.7	2.55
Apr	426.1	0.0	10.4	1.8	92.4	0.0	3.8	540.0	414.0	2.73
May	258.8	0.0	6.2	0.1	80.4	0.0	2.3	352.5	546.2	1.85
Jun	268.0	0.0	10.0	0.1	40.8	0.0	0.0	322.4	418.7	1.84
Jul	254.2	0.0	8.0	0.3	57.7	0.0	0.0	321.8	584.5	1.78
Aug	351.9	0.0	14.2	0.1	53.6	0.0	0.0	421.7	543.5	2.31
Sep	230.9	0.3	11.5	0.1	57.5	0.0	0.0	305.7	452.4	1.72
Oct									612.3	
Nov									616.7	
Dec									974.5	
9 Mo. Total	2,848.9	0.3	110.1	22.9	698.5	0.3	28.9	3,749.3	3,966.0	2.19
%	76.0	0.0	2.9	0.6	18.6	0.0	0.8			

Source: USDA Foreign Agric. Service from U.S. Dept. of Commerce, U.S. Census Bureau, Foreign Trade Stats

EXPORT OF EGG PRODUCTS IN 2015 (EQUIVALENT: thousand cases- 30 doz) **TABLE 9**

Month \ To	North America	Central America	Caribbean	European Union-28	East Asia	Southeast Asia	Middle East	Total 2015	Total 2014	% of U.S. Production
Jan	208.0	8.8	6.5	118.0	132.6	14.0	8.3	517.3	516.4	2.51
Feb	194.9	8.0	5.5	58.0	114.9	11.9	2.9	436.1	518.2	2.37
Mar	184.4	27.0	10.2	96.4	110.9	13.3	13.4	463.9	504.8	2.25
Apr	209.6	9.4	6.1	36.1	124.2	5.1	3.8	402.1	488.7	2.04
May	153.5	2.4	5.3	43.6	119.6	24.9	9.6	385.0	428.7	2.02
Jun	94.5	6.0	2.3	29.1	48.0	11.9	0.7	194.7	519.6	1.11
Jul	88.5	3.9	2.8	21.4	38.9	12.8	14.1	194.3	396.5	1.07
Aug	148.6	2.1	9.3	40.0	42.4	8.5	0.2	254.1	472.9	1.39
Sep	204.8	5.3	2.4	6.0	59.5	15.9	0.0	297.5	514.7	1.67
Oct									516.4	
Nov									425.4	
Dec									582.5	
9 Mo. Total	1,486.8	72.9	50.5	448.6	791.0	118.2	53.1	3,145.0	4,360.5	1.83
%	47.3	2.3	1.6	14.3	25.2	3.8	1.7			

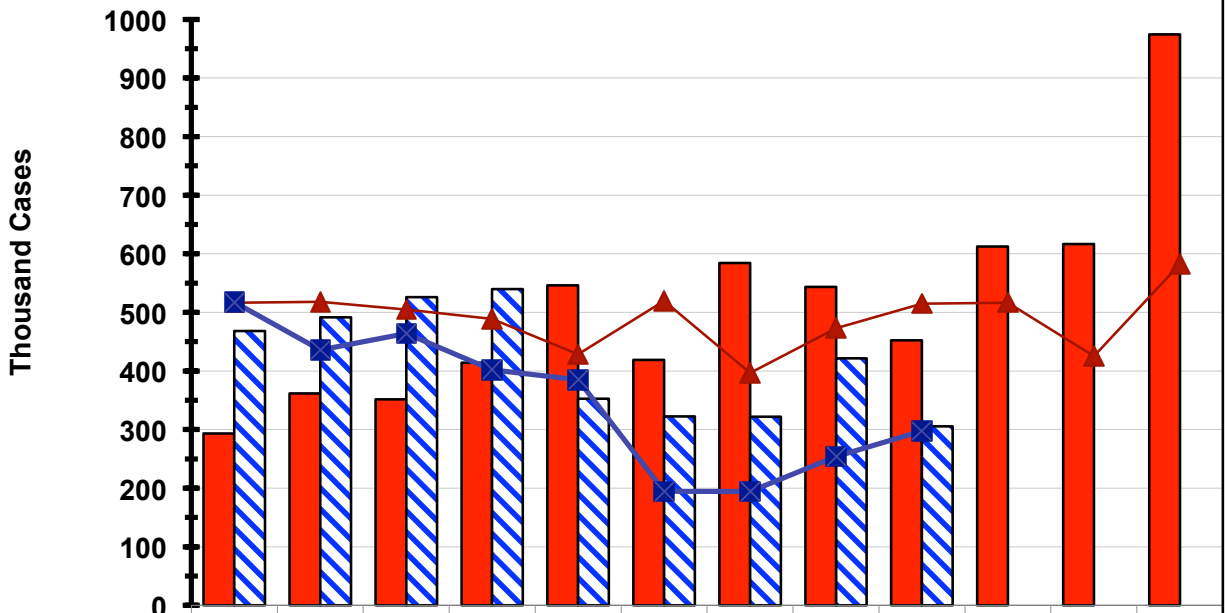
Converted from metric tonnes at a rate of one metric tonne equals approximately 52.4 thirty dozen cases.

Source: USDA Economic Research Service from U.S. Dept. of Commerce, U.S. Census Bureau, Foreign Trade Stats.

TOTAL EGGS EXPORTED - 2015 **TABLE 10**

	Table Eggs Produced (000) Cases	Table Eggs Exported Cases	Table Eggs Exported % of U.S.	Egg Products Exported Cases	Egg Products Exported % of U.S.	Total Exported Cases	Total Exported % of U.S.
Jan	20,633	468.2	2.27	517.3	2.51	985.4	4.78
Feb	18,375	491.3	2.67	436.1	2.37	927.4	5.05
Mar	20,636	525.8	2.55	463.9	2.25	989.7	4.80
Apr	19,758	540.0	2.73	402.1	2.04	942.1	4.77
May	19,031	352.5	1.85	385.0	2.02	737.5	3.88
Jun	17,519	322.4	1.84	194.7	1.11	517.1	2.95
Jul	18,131	321.8	1.78	194.3	1.07	516.1	2.85
Aug	18,253	421.7	2.31	254.1	1.39	675.8	3.70
Sep	17,767	305.7	1.72	297.5	1.67	603.2	3.40
Oct							
Nov							
Dec							
Total/Av	**170,103**	**3,749.3**	**2.20**	**3,145.0**	**1.85**	**6,894.3**	**4.05**

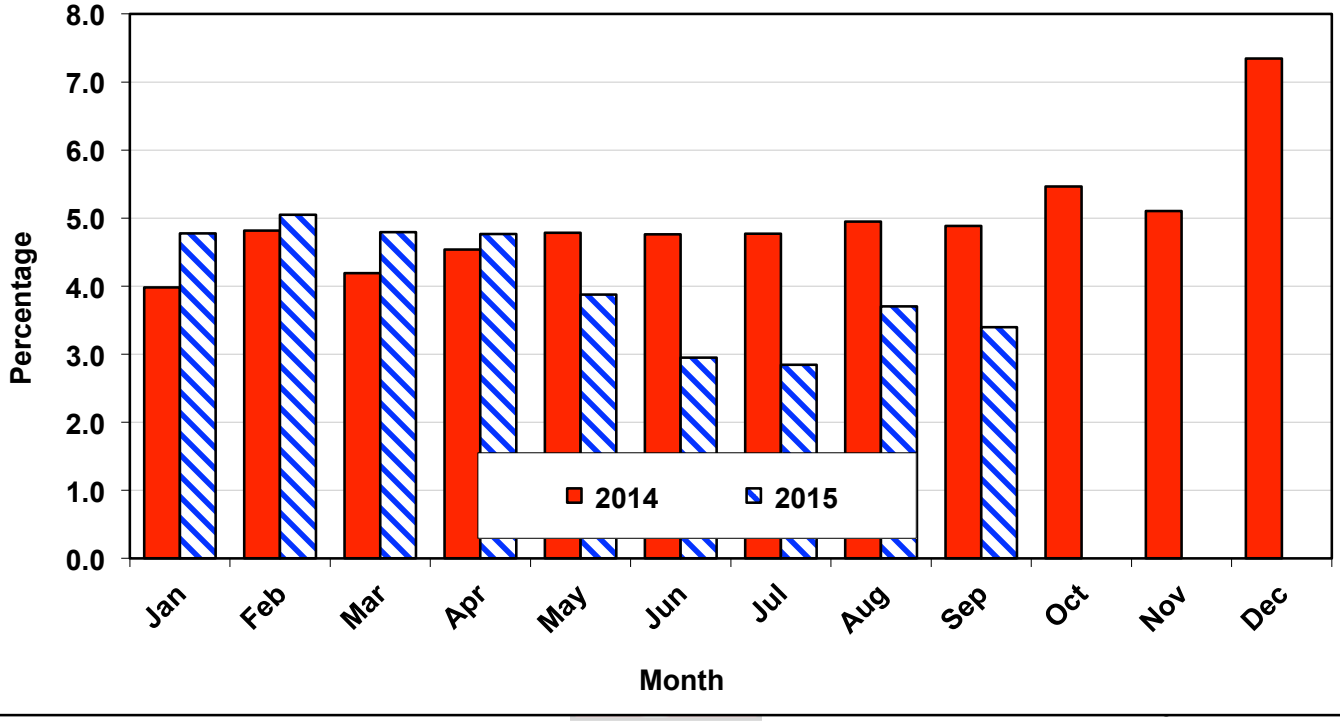
Figure 8: U.S. Egg Exports by Month - 2014 and 2015



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shell eggs '14	293.2	361.9	351.7	414.0	546.2	418.7	584.5	543.5	452.4	612.3	616.7	974.5
Shell eggs '15	468.2	491.3	525.8	540.0	352.5	322.4	321.8	421.7	305.7			
Egg products '14	516.4	518.2	504.8	488.7	428.7	519.6	396.5	472.9	514.7	516.4	425.4	582.5
Egg Products '15	517.3	436.1	463.9	402.1	385.0	194.7	194.3	254.1	297.5			

Note: Information has been converted from metric tonnes at a rate of 42 lbs. per case of liquid egg (edible + inedibles).

Figure 9: Exported Eggs by Month - 2014 and 2015 (percentage of eggs produced)



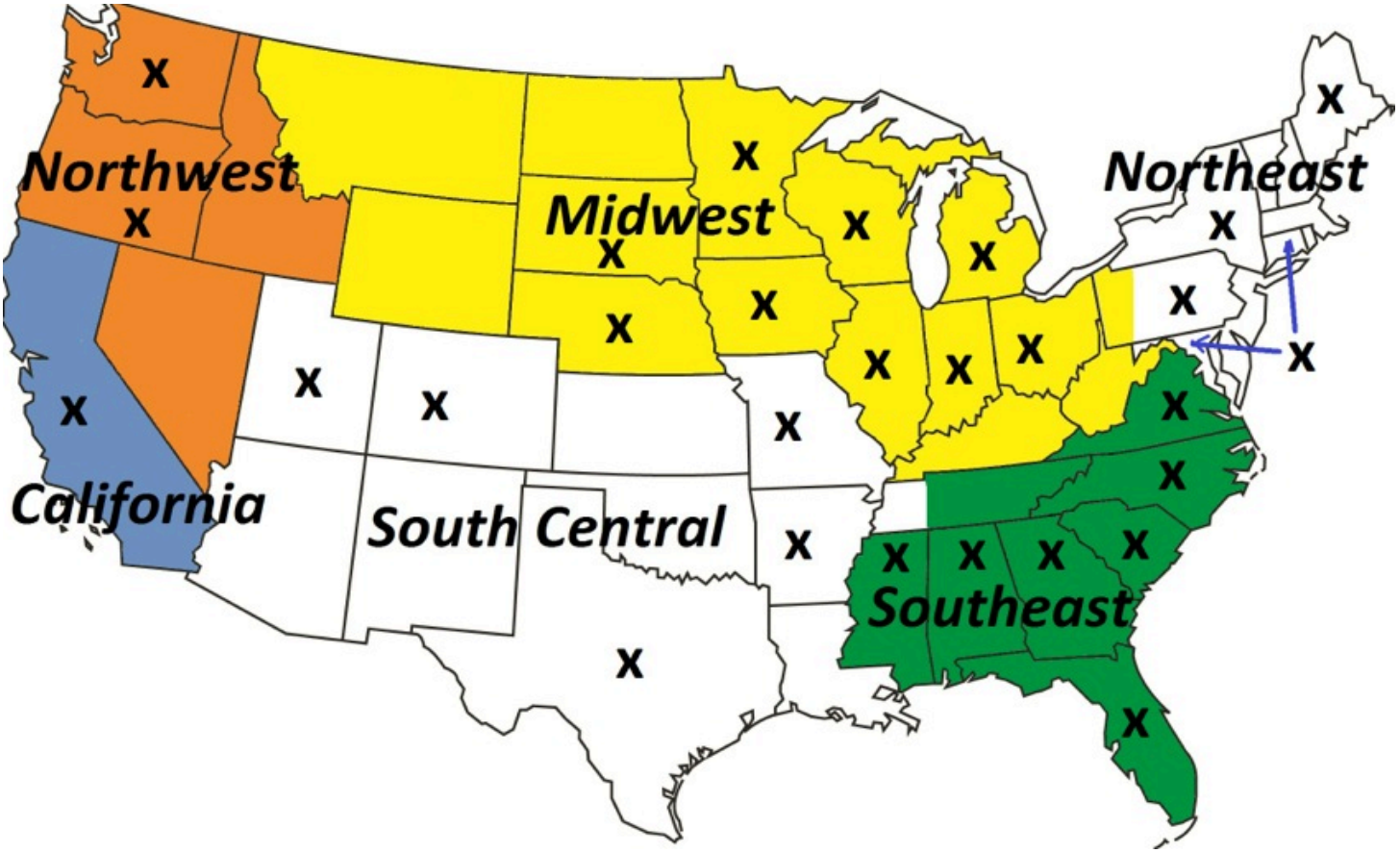
ALL EGGS PRODUCED, INCLUDING HATCHING EGGS, BY REGION (Million) - 2015 **TABLE 11**

month	Northeast*	Southeast	South Central	Midwest	Northwest	California	U.S. Total
Jan	1,002	1,395	1,006	3,969	162	313	8,540
Feb	894	1,253	897	3,535	189	287	7,620
Mar	1,002	1,410	1,022	3,959	182	320	8,548
Apr	827	1,348	998	3,776	183	311	8,209
May	838	1,379	1,013	3,466	174	323	7,993
Jun	810	1,347	971	3,028	182	305	7,416
Jul	839	1,390	1,020	3,115	183	310	7,674
Aug	844	1,388	1,031	3,143	175	314	7,717
Sep	823	1,355	981	3,063	185	309	7,494
Oct							
Nov							
Dec							
9 Month Avg.	875	1,363	993	3,450	179	310	7,912
% of total	11.1	17.2	12.6	43.6	2.3	3.9	

Source: USDA NASS Chickens and Eggs Note: All States are not represented (see map below)

* The drop in the Northeast region number is mostly explained by not having a count for CT and ME for the period after March

Map of U.S. Regions, as defined by Urner Barry, and the location of information used in this report



Notes

The **x**'s mark the States where there is USDA data available on number of layers, egg production and percent molt.
Northwest is the sum of OR and WA
South Central is the sum of AR, UT, CO, MO and TX
Northeast is the sum of CT, MD, ME, NY and PA
Southeast is the sum of AL, FL, GA, MS, NC, SC and VA
Midwest is the sum of IA, IL, IN, MI, MN, NE, OH, WI, SD, MT and WY
California is the state of California only

ALL LAYERS BY REGION, INCLUDING BREEDERS (Million) - 2015 **TABLE 12**

month	Northeast*	Southeast	South Central	Midwest	Northwest	California	U.S. Total
Jan	39.9	64.7	45.1	164.5	9.7	13.4	363.7
Feb	39.5	64.6	44.7	164.2	9.6	13.3	362.3
Mar	39.2	65.2	45.0	164.0	9.6	13.2	362.5
Apr	32.9	64.9	45.4	160.4	9.4	13.2	358.4
May	32.8	64.4	45.1	144.6	9.2	13.3	341.6
Jun	33.1	64.7	44.8	130.5	9.6	13.5	328.7
Jul	33.3	64.6	45.3	130.0	9.8	13.5	329.0
Aug	33.5	64.3	46.1	131.7	9.5	13.4	330.9
Sep	33.8	64.5	46.2	133.4	9.4	13.5	333.3
Oct							
Nov							
Dec							
9 Month Avg.	35.3	64.6	45.3	147.0	9.5	13.4	345.6
% of total	10.2	18.7	13.1	42.5	2.8	3.9	

Source: USDA NASS Chickens and Eggs

* The drop in the Northeast region number is mostly explained by not having a count for CT and ME for the period after March

TABLE EGG LAYERS IN FLOCKS OF 30,000 AND ABOVE BY REGION (Million) - 2015 **TABLE 13**

month	Northeast*	Southeast	South Central	Midwest	Northwest	California	U.S. Total
Jan	37.1	32.8	29.3	159.3	9.4	12.9	298.3
Feb	36.7	32.6	28.9	159.1	9.3	12.8	296.8
Mar	36.5	32.9	29.1	158.8	9.3	12.7	296.5
Apr	30.4	32.2	29.4	155.2	9.1	12.7	292.0
May	30.3	31.4	29.0	139.5	8.9	12.8	275.0
Jun	30.7	31.9	28.8	125.3	9.3	13.0	262.2
Jul	30.8	32.2	29.2	124.9	9.5	13.0	262.8
Aug	31.1	32.1	29.9	126.6	9.2	12.9	264.8
Sep	31.4	32.3	30.2	128.2	9.1	12.9	267.5
Oct							
Nov							
Dec							
9 Month Avg.	32.8	32.3	29.3	141.9	9.2	12.9	279.5
% of total	11.7	11.5	10.5	50.8	3.3	4.6	
Table/total layers (%)	92.8%	49.9%	64.7%	96.5%	96.8%	96.2%	80.9%

Source: USDA NASS Chickens and Eggs

* The drop in the Northeast region number is mostly explained by not having a count for CT and ME for the period after March

TOTAL MOLT (in-molt plus post-molt) BY REGION (Simple average of reporting States, %) - 2015

month	Northeast*	Southeast	South Central	Midwest	Northwest	California	5 regions
Jan	3.0	19.0	21.5	18.9	24.5	34.5	20.2
Feb	4.0	21.6	23.5	18.9	21.3	33.0	20.4
Mar	3.5	19.9	22.0	18.8	23.3	35.0	20.4
Apr	4.4	18.1	20.6	18.1	24.3	33.0	19.7
May	1.1	19.1	20.1	21.2	24.5	36.0	20.3
Jun	2.8	18.4	20.4	20.2	24.3	33.5	19.9
Jul	3.1	20.0	21.5	18.4	22.5	32.5	19.7
Aug	3.9	21.7	21.9	18.9	23.3	36.0	20.9
Sep	3.0	22.9	24.0	21.7	23.3	32.5	21.2
Oct	3.1	23.7	28.6	23.3	21.8	30.0	21.7
Nov							
Dec							
10 Month Avg.	3.2	20.5	22.4	19.8	23.3	33.6	20.5
year 2014 avg.	6.5	17.0	20.7	20.0	30.7	30.7	19.0

Source: USDA NASS Chickens and Eggs

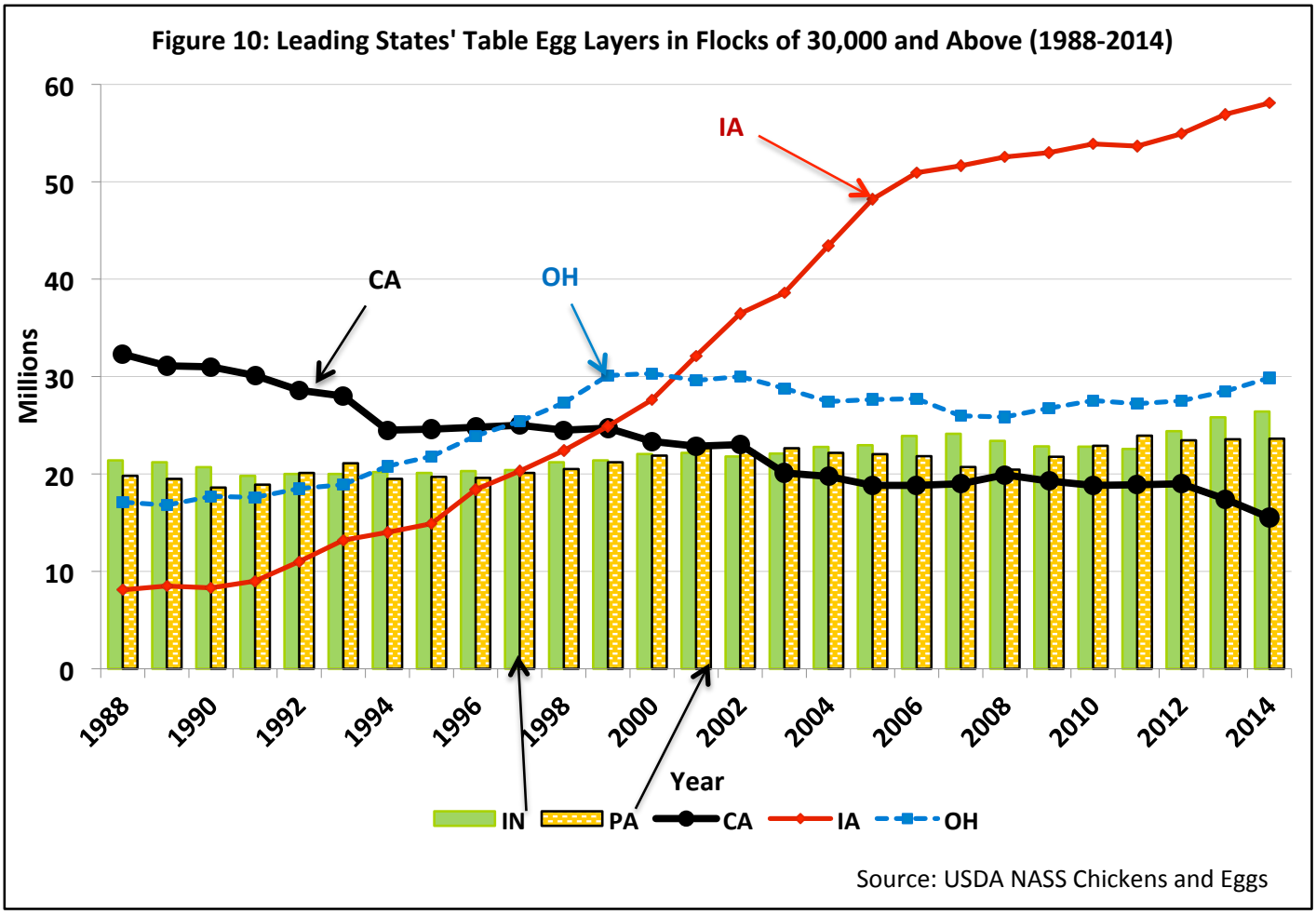
Notes: average molt is estimated as the simple average of the reported States

* The drop in the Northeast region number is mostly explained by not having a count for CT and ME for the period after March

TABLE EGG LAYERS IN LEADING STATES - (LAYERS IN 30,000+ HEN FLOCKS) - 2015 **TABLE 15**

month	IA	OH	IN	PA	CA	TX	U.S.
Aug-2014	58.42	30.10	26.60	23.70	15.23	14.76	298.02
			(Millions)				
Jan-2015	58.49	29.69	25.89	23.99	12.88	14.89	298.32
Feb-2015	58.33	29.94	25.74	23.66	12.84	14.76	296.76
Mar-2015	58.23	30.28	25.42	23.62	12.72	14.79	296.51
Apr-2015	54.88	30.83	25.20	23.56	12.73	14.85	291.96
May-2015	43.01	30.82	25.56	23.40	12.77	14.93	274.99
Jun-2015	33.24	30.53	25.67	23.63	12.95	15.04	262.18
Jul-2015	32.45	30.93	25.92	23.73	13.04	15.36	262.83
Aug-2015	32.60	30.83	26.90	23.75	12.92	15.61	264.83
Sep-2015	32.76	30.72	27.98	23.92	12.94	15.64	267.50
Oct-2015							
Nov-2015							
Dec-2015							
9 Month Avg.	**44.89**	**30.51**	**26.03**	**23.69**	**12.87**	**15.10**	**279.54**

Source: USDA NASS Chickens and Eggs **% of all U.S. table egg layers** **97.3**



PROJECTED U.S. EGG-TYPE HATCHERY SUPPLY FLOCK (Millions) **TABLE 16**

month	2010	2011	2012	2013	2014	2015	2016
Jan	2.730	3.087	2.706	2.791	2.436	2.608	2.797
Feb	2.716	3.123	2.659	2.830	2.515	2.535	2.797
Mar	2.745	3.108	2.653	2.786	2.503	2.553	2.857
Apr	2.785	3.039	2.703	2.786	2.468	2.610	
May	2.828	2.998	2.672	2.649	2.555	2.619	
Jun	2.910	2.996	2.657	2.745	2.476	2.664	
Jul	2.999	2.883	2.672	2.579	2.540	2.682	
Aug	3.010	2.848	2.731	2.613	2.536	2.689	
Sep	3.019	2.877	2.732	2.630	2.472	2.605	
Oct	3.023	2.779	2.819	2.588	2.530	2.718	
Nov	2.998	2.755	2.778	2.515	2.497	2.917	
Dec	3.099	2.713	2.791	2.537	2.439	2.892	
3 month avg.	2.731	3.106	2.673	2.802	2.485	2.565	2.817
12 month avg.	2.905	2.934	2.714	2.671	2.497	2.674	

Source: USDA NASS Chickens and Eggs

Note: The hatchery supply flock estimates are made by using 7 to 18 months prior hatch minus 9% mortality

PULLETS TO BE HOUSED BASED UPON U.S. HATCH 5 MONTH AGO (Millions) **TABLE 17**

(47.5% of CHICKS PLACED multiplied by a 95% LIVABILITY FACTOR)

month	2011	2012	2013	2014	2015	2016	2011 to '15 month avg.
Jan	16.7	18.7	17.3	17.5	18.0	21.1	17.6
Feb	18.1	18.0	17.3	19.0	19.7	22.2	18.4
Mar	18.6	17.0	17.1	19.2	20.1		18.4
Apr	17.5	16.9	16.5	18.9	16.5		17.3
May	17.0	17.6	18.5	18.6	18.2		18.0
Jun	18.3	18.6	19.8	20.1	18.7		19.1
Jul	16.9	18.3	19.1	18.5	18.2		18.2
Aug	19.7	19.4	19.7	20.0	21.4		20.0
Sep	19.4	19.5	20.8	20.6	21.2		20.3
Oct	19.4	20.1	22.6	22.2	21.5		21.2
Nov	17.6	17.5	19.1	19.9	21.1		19.0
Dec	16.7	16.2	18.0	19.1	19.2		17.8
2 month avg.	17.4	18.3	17.3	18.3	18.8	21.7	18.0
Annual Avg.	18.0	18.2	18.8	19.5	19.5		18.8
Total	215.9	217.9	225.6	233.4	233.9		225.3

Source: USDA NASS Chickens and Eggs % Change to date 15.10

Note: The number of pullets to be housed was reduced by 6 million based on the number reported as lost to avian influenza. We assumed the reduction as evenly spread during the period between May and September 2015 (assuming that the ages of affected birds was evenly distributed).

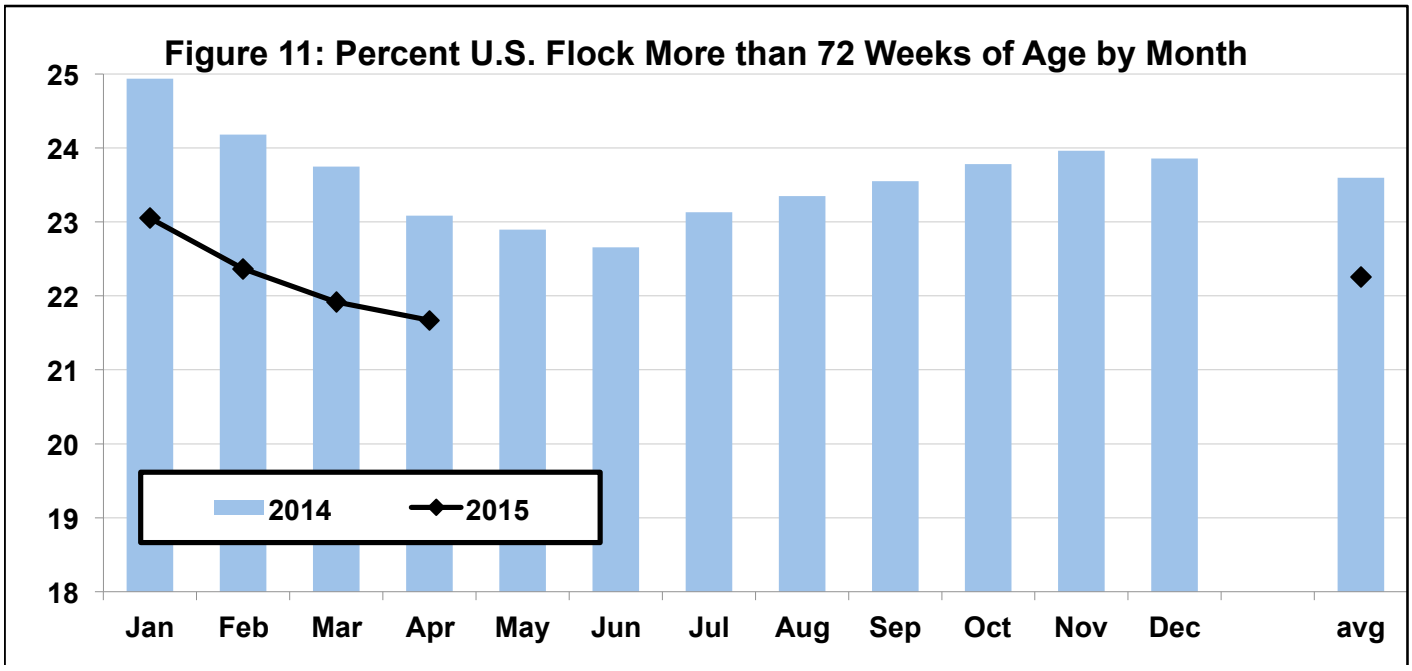
PROJECTED U.S. TABLE EGG FLOCK LESS THAN 72 WEEKS OF AGE (Millions) **TABLE 18**

	Number				% of National Flock over 72 wks.		
month	**2012**	**2013**	**2014**	**2015**	**2013**	**2014**	**2015**
Jan	219.7	220.1	227.7	235.8	26.3	24.9	23.1
Feb	219.6	219.4	229.5	236.5	26.8	24.2	22.4
Mar	217.9	219.6	231.6	237.4	26.9	23.7	21.9
Apr	217.3	219.1	234.0	235.0	26.5	23.1	21.7
May	217.9	220.0	234.1	*	25.8	22.9	
Jun	218.2	221.1	234.4	*	25.5	22.7	
Jul	219.6	221.9	233.8	*	25.4	23.1	
Aug	219.4	222.1	234.1	*	25.8	23.4	
Sep	219.5	223.4	234.0	*	25.6	23.6	
Oct	220.2	226.0	233.5	*	25.0	23.8	
Nov	220.2	227.5	234.3	*	25.3	24.0	
Dec	219.7	229.3	235.4	*	24.9	23.9	
4 month avg.	218.6	221.8	232.8	237.8			
4 month avg.					26.6	24.0	22.3
12 month avg.	219.1	222.5	233.0		25.8	23.6	

Source: Egg Industry Center based on USDA NASS Chickens and Eggs data

Note: The number of layers younger than 72 weeks of age are estimated as the sum of the Egg-Type Chicks Hatched between 5 and 17 months before adjusted by a 9% loss

* Special note: A special adjustment to this calculation will be needed as a result of the avian influenza outbreak, but it will depend on some assumptions about the ages of the layers affected.



FLOCK SIZE PROJECTION

The U.S. flock size is projected for the current year and the following year for each month. Projections start with the first of the month official USDA count and are then adjusted monthly. Adjustments are made considering the most recent:

1. Hatch data (projected 5-months into the future with mortality). Subsequent hatches are based upon 6-year percentage trends for each month.
2. USDA slaughter data and estimates based upon 6-year trends for subsequent months.
3. Missing estimates are included for on-farm slaughter, died, exports, etc. This data is expressed as a percentage of each month's beginning count based upon recent history.

TABLE 19

First of the Month Projection Estimates of U.S. Table Egg Layers (millions)

Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Projected	
2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
308.2	304.6	305.1	304.1	296.0	270.2	270.3	271.5	274.4	276.8	281.3	287.4

Project. Year end: **Dec, 2015 - 289.1**

The avian influenza outbreak created a large reduction on the U.S. flock; therefore, we expect our flock projections to be a lot less accurate than normal until the situation stabilizes. To be able to approximate a projection we assumed that:

- the age of the 6 million pullets lost to AI were evenly distributed
- the percent of the flock culled (slaughter, died or missing) by month stays the same
- producers find a place where to house the pullets grown (based on the 5 month before hatch)

U.S. FLOCK SIZE PROJECTED VS. ACTUAL (1st OF THE MONTH) - 2015 (Millions) **TABLE 20**

Projected on Jan. 27, 2015 (EIC). Not changed during the year.

Month	Beginning count		Replacements		Slaughter	
	Projected	Actual	Projected	Actual	Projected	Actual
Jan	304.8	308.2	17.8	18.0	6.7	6.3
Feb	303.0	304.6	19.5	19.7	5.7	5.7
Mar	304.1	305.1	20.0	20.1	6.7	6.0
Apr	306.1	304.1	16.5	16.5	7.0	6.0
May	302.2	296.0	19.4	18.2	6.9	4.9
Jun	302.3	270.2	19.4	18.7	6.4	4.3
Jul	301.8	270.3	18.6	18.2	5.6	4.1
Aug	302.3	271.5	20.7	21.4	6.2	3.7
Sep	304.2	274.4	20.7	21.2	5.8	4.1
Oct	304.9	276.8	21.1	21.5	5.8	
Nov	307.3		19.8	21.1	4.8	
Dec	310.6		18.2	19.2	6.3	
Current avg	303.6	288.1	19.3	19.5	6.3	5.0

1. Note: Projections are based upon USDA data and are updated monthly.
2. Please note: The above projections are updated monthly. The current projections are shown in Table 19.
3. Projected = Egg Industry Center
4. Actual = Chickens and Eggs Report - USDA NASS
5. USDA replacements are projected ahead from previous hatch statistics with mortality and placement adjustments.
6. Mortality and missing birds are not shown in the above table.

NOTE:
the projections in table 20 were made before the USDA Chickens and Eggs Report adjustment and before the avian influenza outbreak.

2015 United States Flock Size Projections

Table 22

For October 2015

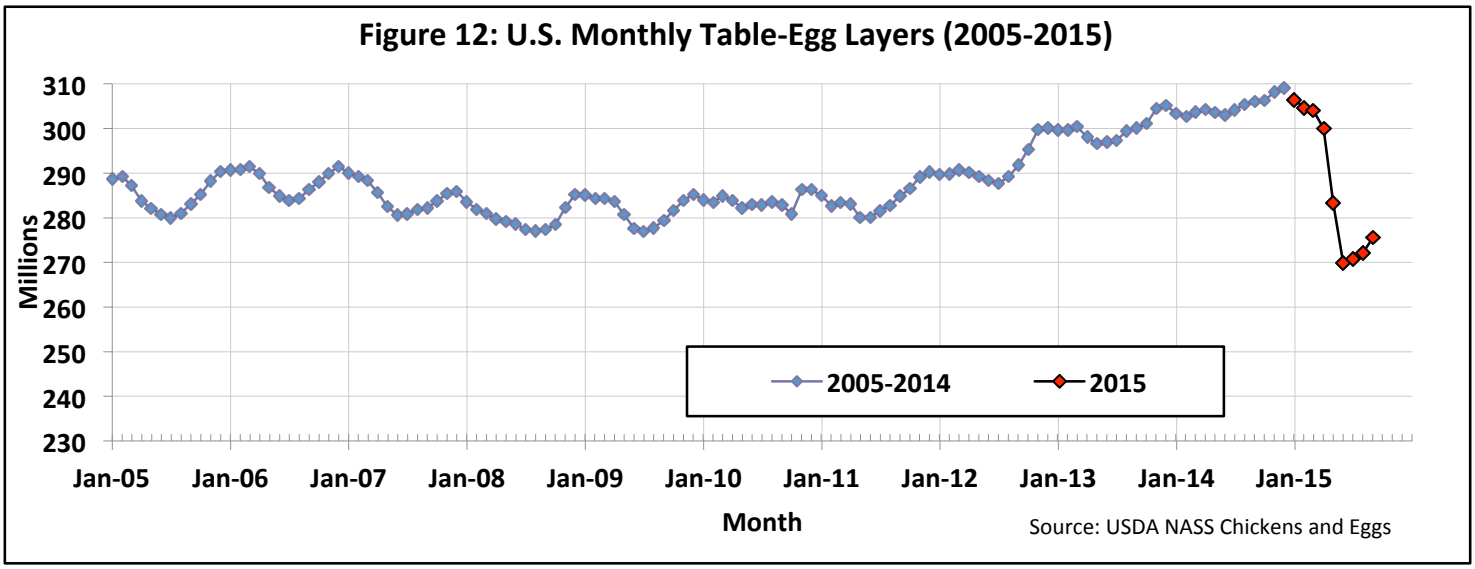
USDA preliminary
Actual count

Estimated number of U.S. table egg layers (million) on the 1st of each month

Estimated For Month	Estimated: December 2014	2015 Jan	Month Number of Layers Projected for 2015/2016 Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Jan-15	306.2	**304.8**	**308.2**										
Feb-15	304.4	302.9	**304.7**	**304.6**									
Mar-15	305.3	304.4	305.9	**304.7**	**305.1**								
Apr-15	306.9	306.2	307.8	306.7	**303.1**	**304.1**							
May-15	302.9	302.1	303.9	302.9	*	**295.9**	**296.0**						
Jun-15	301.9	301.9	303.9	303.0	*	*	**270.6**	**270.2**					
Jul-15	301.5	301.5	303.9	303.2	*	*	270.7	**269.7**	**270.3**				
Aug-15	301.9	301.9	304.4	304.7	*	*	273.0	271.9	**271.2**	**271.5**			
Sep-15	303.8	303.9	306.3	306.6	*	*	277.5	276.4	275.7	**272.9**	**274.4**		
Oct-15	304.7	304.7	307.0	307.3	*	*	280.5	279.3	278.7	276.1	**276.8**		
Nov-15	307.1	307.1	309.5	309.7	*	*	284.9	283.7	283.1	280.7	281.3		
Dec-15	310.1	310.9	312.9	313.2	*	*	289.7	289.7	289.1	286.7	287.4		
Jan-16		309.9	312.4	312.6	*	*	*	*	*	288.5	289.1		
Feb-16		308.7	311.4	311.7	*	*	*	*	*	*	291.6		
Mar-16		309.1	311.6	311.9	*	*	*	*	*	*	*		
Apr-16		309.3	312.0	312.3	*	*	*	*	*	*	*		
May-16		306.6	309.3	309.6	*	*	*	*	*	*	*		
Jun-16		305.3	308.2	308.5	*	*	*	*	*	*	*		
Jul-16		304.8	307.8	308.1	*	*	*	*	*	*	*		
Aug-16		305.2	308.3	308.6	*	*	*	*	*	*	*		
Sep-16		307.2	310.3	310.5	*	*	*	*	*	*	*		
Oct-16		308.0	311.0	311.3	*	*	*	*	*	*	*		
Nov-16		310.5	313.5	313.7	*	*	*	*	*	*	*		
Dec-16		314.3	317.0	317.2	*	*	*	*	*	*	*		

THIS IS A NEW PAGE TO VISUALIZE CHANGES IN FLOCK PROJECTIONS AS THE YEAR EVOLVES

* Note: projection cancelled temporarily because of the avian influenza outbreak


Figure 12: U.S. Monthly Table-Egg Layers (2005-2015)
Millions
310
300
290
280
270
260
250
240
230
2005-2014
2015
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Month
Source: USDA NASS Chickens and Eggs

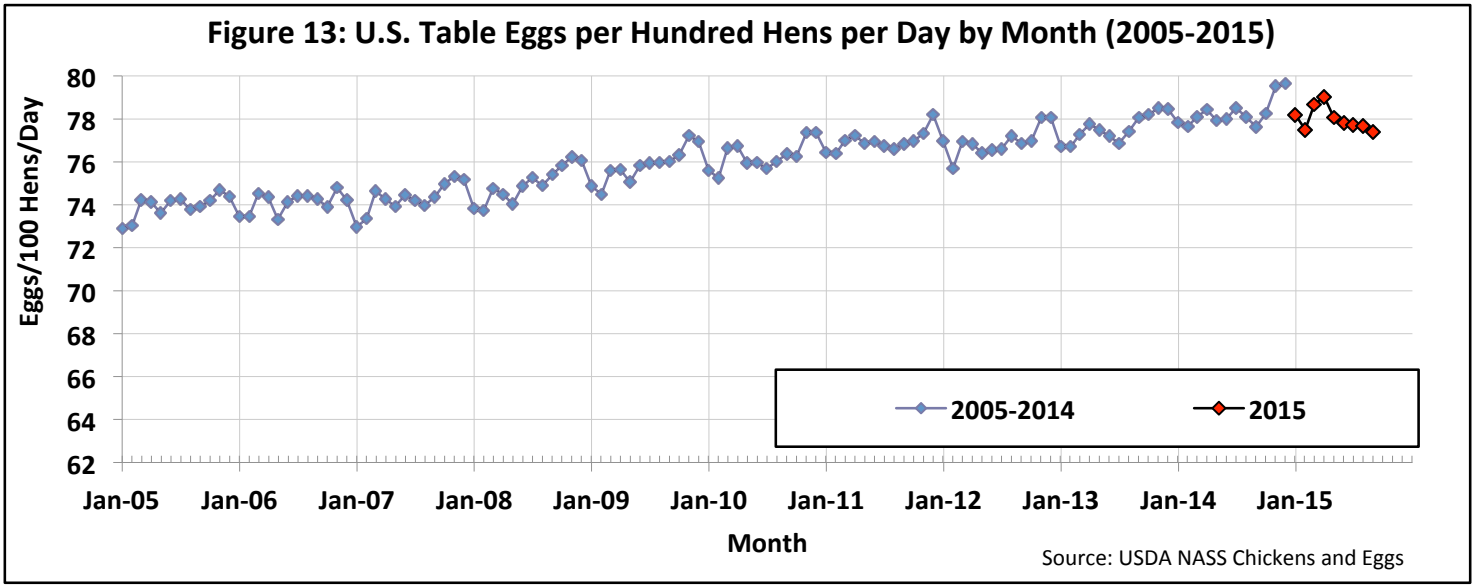
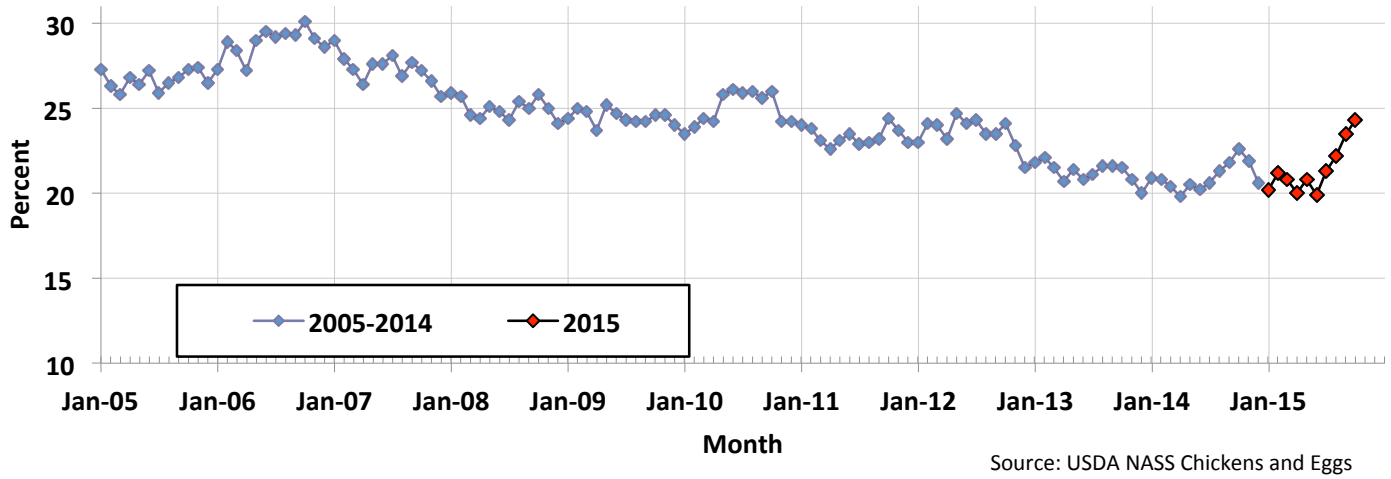
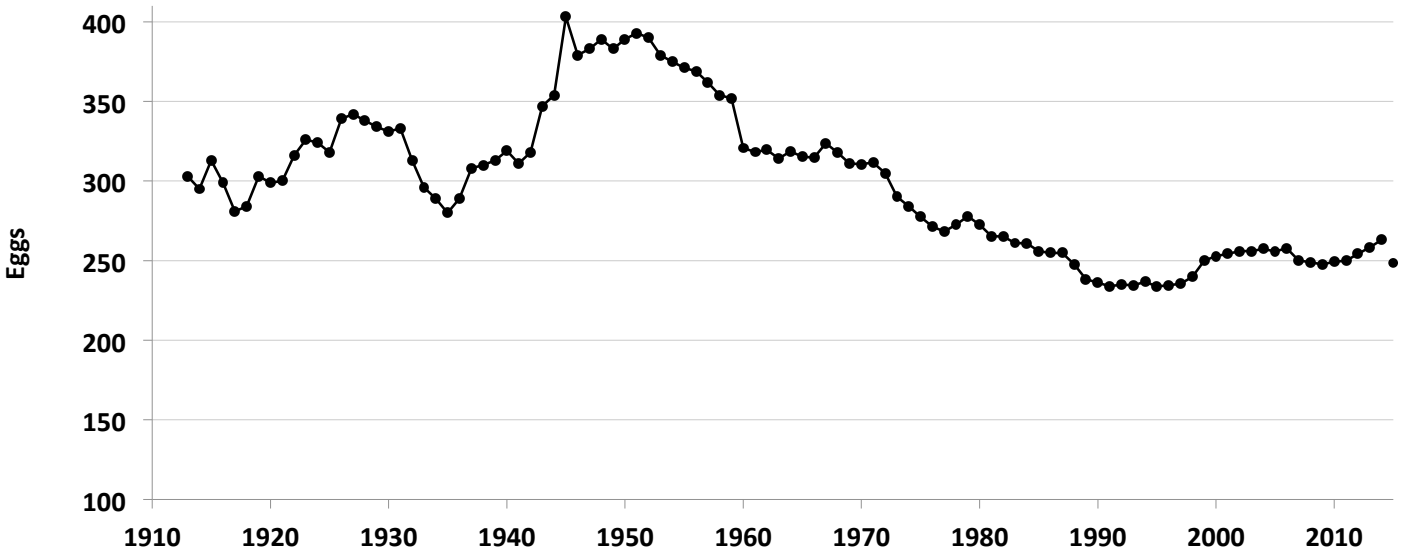

Figure 13: U.S. Table Eggs per Hundred Hens per Day by Month (2005-2015)
Eggs/100 Hens/Day
80
78
76
74
72
70
68
66
64
62
2005-2014
2015
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Month
Source: USDA NASS Chickens and Eggs

Figure 14: Monthly Percent of U.S. Flock Molted (2005-2015)



Source: USDA NASS Chickens and Eggs

Figure 15: U.S. Per Capita Egg Consumption by Year (1913-2015)



Source: USDA ERS

SUMMARY TO DATE **Table 23**

			2014	2015	% Change
HATCH of EGG-TYPE STRAIGHT RUN (THOUSANDS) (U.S.)	**(Total)**	**Jan to Sep**	394,354	420,174	6.5
TABLE-EGG LAYERS (MILLIONS) (U.S.)	**(Avg.)**	**Jan to Sep**	304.0	287.4	-5.5
TABLE EGGS (MILLIONS/MONTH) (U.S.)	**(Avg.)**	**Jan to Sep**	7,196	6,804	-5.4
RATE OF LAY (%)	**(Avg.)**	**Jan to Sep**	78.0	78.0	0.0
U.S. TABLE EGG AVG. CASES/WEEK (THOUSANDS)		**Jan to Sep**	1,661	1,570	-5.4
AVG MONTHLY CASES OF EGGS BROKEN (MILLION) (U.S.)		**Jan to Sep**	6.256	5.914	-5.5
			2013	**2014**	**Difference**
PERCENT OF U.S. FLOCK IN or POST MOLT	**(Avg.)**	**Jan to Oct**	20.9	21.4	0.5
AVERAGE PULLETS ADDED/MONTH (MILLIONS) (U.S.)		**Jan to Feb 2016**	18.8	21.7	2.8

Note: U.S. layer numbers and egg prices are projected 12-months into the future in other reports published by the Egg Industry Center. Contact Maro Ibarburu at maro@iastate.edu to be placed on the mailing list to receive monthly copies of these reports.

Webpages of some of the sources of information,
Access these sites by clicking on the blue addresses below:

University of California Poultry Page	http://animalscience.ucdavis.edu/avian/
USDA NASS Chickens and Eggs	http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1028
USDA NASS Poultry Slaughter	http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1131
USDA NASS Egg Products	http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1057
USDA ERS Livestock and Meat Trade Data.	http://www.ers.usda.gov/data/MeatTrade/BroilerTurkeyMonthly.htm
USDA FAS	http://www.fas.usda.gov/gats/ExpressQuery1.aspx
USDA NASS Cold Storage	http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1034
USDA AMS Poultry Market News and Analysis	http://marketnews.usda.gov/portal/py

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Egg Industry Center

Don -
Thank you for all your contributions to this industry. You will be forever missed.
Your friends at EIC