

An EGG ECONOMICS UPDATE

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The U.S. Poultry Industry -Production and Values - 2005

The U.S. poultry industry sold products worth \$28.24 billion in 2005. This represents a \$627 million decrease (2.2%) in industry income from year-earlier levels. Most of this was due to an estimated 21¢/dozen decrease in egg prices and a 1¢/pound decrease in broiler prices.

The broiler industry continued to be the number one element of the combined poultry industries with an estimated 74% of the total industry income attributable to broilers and other meat chickens compared to 14% for all eggs combined and 11% for turkeys. Georgia, Arkansas, Alabama, North Carolina, and Mississippi continued to be the major centers for broiler production. Georgia had the highest estimated value at \$2.879 billion with Arkansas at \$2.652 billion. The production of broilers (live weight) was estimated to be 47.9 billion pounds in 2005 compared to 45.8 billion pounds in 2004. This represented 8.87 billion broilers at 5.40 pounds each. Average price (live weight) was estimated to be 43.6¢ per pound – down 1¢/pound from 2004.

Eggs are listed as a combined number (hatching eggs and table eggs), which is quite misleading for both segments of the industry. The USDA reports the production of 90.0 billion eggs at an average price of 53.9¢ per dozen. Eighty-seven percent of the total (78/6 billion) were table eggs. Obviously, the quoted price is too high for table eggs and too low for hatching eggs. We've attempted to break this down for table eggs in Table 7. Unfortunately, the data available is not as precise as we would like it to be - especially regarding prices. Iowa is listed as the number three egg (all eggs) state due to its large table egg industry. Arkansas, on the other hand, placed first in income because of its large hatching egg industry and higher egg values - \$1.24 per dozen for Arkansas vs. \$0.31 for Iowa.

Turkey income was 5.4% higher in 2005 compared to 2004 with an estimated 256 million turkeys raised at a total farm value of \$3.23 billion. Minnesota and North Carolina were the two largest producing states with 44.5 and 36.0 million turkeys respectively. U.S. turkey weights averaged 28.1 pounds in 2005 – up ½ pound/bird from 2004.

Table 1. Changes in Product Value by Commodity - 2004-2005

Commodity	US 2005 (million \$)	US 2004 (million \$)	% Change	CA 2005 (million \$)	CA 2004 (million \$)	% Change
Broilers	20,902	20,446	+2.2	632.5	698.0	-9.4
Turkeys	3,233	3,065	+5.5	174.9	169.9	+2.9
All eggs	4,042	5,303	-23.8	181.7	287.4	-36.8
Other chickens	65	58	+12.1	0.3	0.2	+50.0
Total	28,241	28,873	-2.2	989.4	1,155.5	-14.4

* Note: All estimates cover the 12 month period from Dec 1, (previous year) through Nov. 30 of the current year.

(Broilers and values for California for 2004, and 2005 were estimated by the author.)

Table 2. Leading Egg Producing States (all eggs, table and hatching)-2005, ranked by total farm value.

Rank	State	Eggs produced (billions)	Price (\$/doz.) *	Total Value (million \$)
1	AR	3.416	1.240	352.6
2	GA	4.850	0.843	340.7
3	IA	12.978	0.310	335.3
4	AL	2.071	1.630	281.6
5	NC	2.573	1.160	249.4
6	TX	4.684	0.607	236.8
7	OH	7.506	0.365	228.2
8	PA	6.608	0.389	214.2
9	IN	6.254	0.369	192.3
10	CA	5.082	0.429	181.7
	U.S.	89.960	0.539	4,042.3

Note: All estimates cover the 12-month period Dec 1 of the previous year through Nov.30 of the current year
 * Average prices in excess of \$0.70 per dozen represents significant numbers of hatching eggs.

Table 3. Leading Broiler Producing States - 2005, ranked by total farm value

Rank	State	No. produced (millions)	Live weight (mill. lbs.)	Price per lb. (\$)	Av weight (lbs)	Total value (mill. \$)
1	GA	1,321.2	6,738.1	0.430	5.10	2,879.4
2	AR	1,214.3	6,314.4	0.420	5.20	2,652.0
3	AL	1,057.3	5,603.7	0.430	5.30	2,409.6
4	NC	735.1	4,851.7	0.460	6.60	2,231.8
5	MS	853.4	4,779.0	0.430	5.60	2,055.0
6	TX	627.9	3,265.1	0.440	5.20	1,436.6
7	DE	282.3	1,835.0	0.460	6.51	844.1
8	KY	297.8	1,637.9	0.430	5.50	704.3
9	CA *	250.0	1,375.0	0.460	5.50	632.5
10	MD	256.0	1,228.8	0.460	4.80	565.2
	U.S.	8,870.4	47,908.1	0.436	5.40	20,901.9

Note: All estimates cover the 12 month period Dec 1 of the previous year through Nov.30 of the current year
 *California figures are estimates.

Table 4. Leading Turkey Producing States - 2005, ranked by total farm value

Rank	State	No. produced (millions)	Live weight (mill. lbs.)	Price per lb. (\$)	Av weight (lbs)	Total value (mill. \$)
1	Minnesota	44.5	1,201.5	0.450	27.0	540.7
2	N. Carolina	36.0	1,069.2	0.460	29.7	491.8
3	Missouri	20.5	643.7	0.450	31.4	289.7
4	Arkansas	29.0	565.5	0.460	19.5	260.1
5	Virginia	21.0	527.1	0.460	25.1	242.5
6	Indiana	13.4	428.8	0.450	32.0	193.0
7	California	14.9	406.8	0.430	27.3	174.9
8	Iowa	9.6	326.4	0.43	34.0	140.4
9	S. Carolina	8.0	310.4	0.430	38.3	133.5
10	Pennsylvania	11.5	226.6	0.490	19.7	111.0
	U.S.	256.3	7,206.5	0.449	28.1	3,232.6

Note: All estimates cover the 12 month period Dec 1 of the previous year through Nov.30 of the current year

Table 5. Leading Chicken (fowl) Producing States - 2005, ranked by total farm value

Rank	State	No. sold (millions)	Live weight (mill. lbs.)	Price per lb. (\$)	Av weight (lbs)	Total value (mill. \$)
1	Arkansas	13.993	109.1	0.117	7.8	12.8
2	Georgia	13.877	102.7	0.116	7.4	11.9
3	N. Carolina	12.399	100.4	0.090	8.1	9.0
4	Alabama	10.528	83.2	0.098	7.9	8.2
5	Mississippi	7.437	54.3	0.091	7.3	4.9
6	Texas	8.112	44.6	0.058	5.5	2.6
7	Oklahoma	2.642	20.6	0.096	7.8	2.0
8	Kentucky	2.549	19.6	0.096	7.7	1.9
9	Tennessee	1.967	14.8	0.117	7.5	1.7
10	Virginia	3.441	21.0	0.074	6.1	1.6
	U.S.	193.116	1000.5	0.065	5.2	64.6

Note: All estimates cover the 12 month period Dec 1 of the previous year through Nov of the current year

Table 6. Leading Poultry States (all commodities)-2005, ranked by total farm value.

Rank	State	All Egg value (million \$)	Broiler value (million \$)	Turkey value (million \$)	Fowl value (million \$)	Total value (million \$)
1	Arkansas	352.6	2,652.0	260.1	12.8	3,277.5
2	Georgia	340.7	2,897.4	N/a	11.9	3,250.0
3	N. Carolina	249.4	2,231.8	491.8	9.0	2,982.0
4	Alabama	281.6	2,409.6	N/a	8.2	2,699.4
5	Texas	236.8	1,436.6	N/a	2.6	1,676.0
6	Mississippi	169.8	2,055.0	N/a	4.9	1,609.0
7	California	181.7	632.5	174.9	0.3	989.4
8	Virginia	67.4	570.2	242.5	1.6	881.7
9	Minnesota	90.9	98.8	540.7	0	730.4
10	Pennsylvania	214.2	357.9	111.0	0.6	683.7
	U.S.	4,042.3	20,901.9	3,232.6	64.6	28,241.4

Note: All estimates cover the 12 month period Dec 1 of the previous year through Nov.30 of the current year

Table 7. Leading Table Egg Producing States – Jan through Dec. 2005, ranked by total farm value

Rank	State	Av. Layers (millions)	Eggs per layer	Eggs sold (mill. doz.)	Av. price ** (\$/dozen)	Total farm value (mill \$)
1	Iowa	48.22	274.9 *	1104.2	30.0	331.3
2	Ohio	27.59	274.9*	632.0	36.3	229.4
3	Pennsylvania	22.03	290.5	533.3	34.6	184.5
4	Indiana	22.96	268.0	512.8	34.8	178.5
5	California	19.50	266.6	433.2	41.1	178.0
6	Texas	13.31	274.9*	304.9	34.2	104.3
7	Florida	10.54	276.3	242.7	37.6	91.3
8	Nebraska ***	11.91	267.6	267.6	31.9	85.4
9	Minnesota	10.49	275.7	241.0	33.8	81.5
10	Georgia	10.19	269.0	228.4	35.1	80.2
Total/ Av.	U.S.	285.8	274.9	6,547.2	35.0	2,291.5

State figures are based upon flocks with 30,000 or more layers. U.S. totals are based upon all table egg flocks. These State flocks represent 98.0% of all U.S. table egg laying hens.

* Table eggs numbers were unavailable and were estimated at the U.S. average

** USDA "Market (table) eggs includes eggs sold retail by the producer (Jan, 2005 through Dec. 2005)

*** Nebraska egg prices were unavailable and were estimated.

Table 8. Value of Production: broilers, eggs, turkeys, chickens, and total. United States – 1972 to 2005

YEAR	BROILERS 1/	EGGS	TURKEYS	CHICKENS 2/	TOTAL
		(1000 Dollars)			
1972	1,622,638	1,780,881	536,945	100,634	4,041,098
1973	2,690,362	2,885,770	935,882	169,495	6,681,509
1974	2,436,224	2,909,522	683,164	116,414	6,145,324
1975	2,915,017	2,819,275	793,271	104,093	6,631,656
1976	2,945,058	3,133,364	825,095	135,539	7,039,056
1977	3,059,497	2,994,957	910,396	132,675	7,097,525
1978	3,675,628	2,920,788	1,157,200	130,048	7,883,664
1979	4,031,945	3,359,872	1,214,357	160,088	8,766,262
1980	4,302,818	3,267,563	1,271,637	128,268	8,970,286
1981	4,699,379	3,671,143	1,247,803	132,271	9,750,596
1982	4,502,214	3,458,873	1,254,700	118,915	9,334,702
1983	4,872,707	3,469,368	1,269,051	147,454	9,758,580
1984	6,020,066	4,110,438	1,654,862	169,526	11,954,892
1985	5,668,272	3,262,260	1,819,526	151,682	10,901,740
1986	6,784,088	3,543,295	1,948,437	127,730	12,403,550
1987	6,177,127	3,209,327	1,703,137	111,827	11,201,418
1988	7,435,300	3,073,382	1,951,351	99,011	12,559,044
1989	8,777,915	3,876,822	2,235,145	142,409	15,032,291
1990	8,365,704	4,021,355	2,393,375	94,392	14,874,826
1991	8,383,046	3,914,659	2,352,986	72,199	14,722,890
1992	9,174,136	3,397,462	2,396,364	89,105	15,057,067
1993	10,416,962	3,800,237	2,509,127	96,409	16,822,735
1994	11,371,723	3,780,377	2,643,765	77,496	17,873,361
1995	11,762,222	3,879,609	2,776,372	61,315	18,479,518
1996	13,904,924	4,762,131	3,128,814	61,465	21,857,334
1997	14,152,519	4,539,929	2,884,377	71,461	21,635,976
1998	15,144,551	4,349,521	2,661,706	75,542	22,231,320
1999	15,128,800	4,322,600	2,835,400	67,700	22,354,500
2000	13,953,000	4,347,000	2,843,000	65,000	21,208,000
2001	16,693,000	4,445,000	2,790,000	46,000	23,975,000
2002	13,435,000	4,263,000	2,700,000	49,000	20,447,000
2003	15,214,947	5,333,014	2,699,673	47,811	23,295,445
2004	20,446,086	5,303,244	3,065,417	58,010	28,872,757
2005	20,901,939	4,042,282	3,232,576	64,554	28,241,351

1) Excludes States which produced less than 500,000 broilers

2) Excludes broilers

Source: "Poultry Production and Value – April 2006 (for 2005)
Agricultural Statistics Board – NASS, USDA

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