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FAPRI-MU August 2010 Baseline Update for US Agricultural Markets

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Drought in Russia, the uneven recovery of the world economy and a number of policy developments have all contributed to changes in the outlook for agricultural markets in recent months. This report provides an update of the 2010 FAPRI long-term baseline to reflect information available in mid-August 2010.

Prices for meat and dairy products have recovered to a level that allows for most livestock and dairy producers to cover production costs, and some sectors are now profitable. While modest recovery in consumer demand has played a role in improved prices, slower production growth has also been a factor. Relatively tight domestic supplies of meat should persist for the next few years, allowing for prices to continue increasing, particularly if the economy continues to strengthen.

Futures prices for wheat and many other crops increased in July and early August 2010 in response to concerns that drought would severely reduce grain production in Russia and neighboring countries. At the same time, good prospects for US crops this year should facilitate strong US export sales and help moderate prices in world markets.

This baseline update utilizes petroleum prices and macroeconomic assumptions based on July 2010 projections by IHS Global Insight, Inc., a private forecasting group. Oil prices increase, but remain far below mid-2008 levels. The US economy grows by about 3% per year, but unemployment remains over 9% in 2010 and 2011.

The biodiesel blenders credits expired on December 31, 2009, the ethanol blenders credit and specific tariff are set to expire on December 31, 2010 and the cellulosic ethanol producers credit is set to expire on December 31, 2012. While several proposals have been put forth to extend or modify these policies, to date none have passed. *In contrast to the 2010 FAPRI long-term baseline, this baseline update assumes that biofuel credits and tariffs all expire on schedule.* This is not meant as a judgment about what is or is not likely to occur, but simply an interpretation of what constitutes “current policy.” The Congressional Budget Office also assumes biofuel credits and tariffs expire on schedule in its baseline projections.

A pending request before the Environmental Protection Agency would authorize the use of 15% ethanol blends. This baseline update does not assume future regulatory action, so reflects current policy that only 10% ethanol blends can be used in conventional vehicles.

The projections cover a number of major US agricultural commodities, including corn, ethanol, wheat, soybeans, biodiesel, upland cotton, rice, beef, pork, poultry and dairy products. The tables cover the period through the 2015/16 marketing year for crops and through 2015 for livestock and dairy.

This update should not be confused with a “full” FAPRI baseline exercise. The review process is much less exhaustive and the update only covers US markets. The trade figures should be treated with extreme caution, as they are not the result of a comprehensive analysis of global commodity markets. The next full FAPRI baseline process will begin in November 2010. A preliminary baseline will be prepared and reviewed at a workshop in December. Reviewer comments and other new information will be incorporated in the final baseline, which will be prepared in January 2011.

US Corn Supply and Utilization

September-August year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Area	(Million acres)							
Planted area	86.0	86.5	87.9	89.1	89.3	89.1	89.9	90.8
Harvested area	78.6	79.6	81.0	82.0	82.2	81.9	82.7	83.4
Yield	(Bushels per harvested acre)							
	153.9	164.7	165.0	163.5	165.7	167.8	169.9	172.0
Supply	(Million bushels)							
Beginning stocks	1,624	1,673	1,426	1,360	1,338	1,352	1,319	1,271
Production	12,092	13,110	13,365	13,398	13,614	13,752	14,048	14,349
Imports	14	8	8	8	8	8	8	8
Domestic use	10,207	11,390	11,326	11,374	11,575	11,718	12,038	12,268
Feed and residual	5,182	5,525	5,509	5,486	5,535	5,568	5,523	5,560
Fuel alcohol	3,709	4,500	4,423	4,485	4,624	4,725	5,082	5,264
HFCS	489	515	529	534	539	543	547	550
Seed	22	23	23	23	23	23	23	23
Food and other	805	828	842	846	854	859	863	870
Exports	1,849	1,975	2,114	2,054	2,033	2,076	2,066	2,079
Total use	12,056	13,365	13,439	13,429	13,607	13,794	14,104	14,346
Ending stocks	1,673	1,426	1,360	1,338	1,352	1,319	1,271	1,282
Under loan	171	175	176	161	166	161	148	149
Other stocks	1,502	1,251	1,183	1,177	1,186	1,157	1,123	1,132
Prices, program provisions	(Dollars per bushel)							
Farm price	4.06	3.55	3.68	3.80	3.78	3.83	3.96	3.98
Loan rate	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
Target price	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63
Direct payment rate	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Base area	(Million acres)							
	84.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
Direct payment yield	(Bushels per acre)							
	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
CCP yield	(Bushels per acre)							
	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
Market returns	(Dollars)							
Gross market revenue/a.	624.82	584.76	607.29	621.16	626.00	642.00	672.62	683.65
Variable expenses/a.	298.06	299.45	290.04	291.25	305.74	318.84	327.66	333.07
Market net return/a.	326.76	285.31	317.25	329.91	320.26	323.16	344.96	350.58

US Ethanol Supply and Use

September-August year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Petroleum fuel prices (Dollars per barrel)								
Petroleum, W. Texas intern.	60.12	75.48	75.07	86.97	91.73	95.19	98.89	102.78
Petroleum, refiners acquisition	57.28	73.33	72.01	80.97	85.46	88.74	92.25	95.92
Unl. gasoline, FOB Omaha (Dollars per gallon)								
Unl. gasoline, FOB Omaha	1.71	2.10	2.05	2.34	2.45	2.54	2.63	2.72
Unleaded gasoline, retail	2.37	2.72	2.69	2.98	3.11	3.21	3.34	3.42
Ethanol supply and use (Million gallons)								
Production	10,305	12,550	12,398	12,657	13,147	13,538	14,666	15,322
From corn	10,058	12,290	12,144	12,380	12,830	13,178	14,250	14,838
From other feedstocks	246	259	252	253	261	269	288	309
Cellulosic	0	1	2	24	56	91	129	175
Imports (ethyl alcohol)	380	175	209	280	323	420	864	1,500
Domestic disappearance	10,585	12,282	12,394	12,737	13,260	13,756	15,307	16,617
In low-level blends	10,460	12,118	12,225	12,555	13,055	13,304	13,103	12,886
In flex fuel vehicles	125	164	169	182	205	452	2,204	3,731
Exports (ethyl alcohol)	104	240	210	188	186	183	174	175
Ending stocks	616	820	822	835	859	878	928	958
Ethanol prices (Dollars per gallon)								
Conventional rack, Omaha	1.87	1.80	1.67	1.71	1.74	1.78	1.92	2.00
Other advanced rack			1.67	1.71	1.74	1.80	1.92	2.03
Effective retail	1.96	1.95	2.01	2.21	2.18	2.11	1.99	2.23
Ethanol/gasoline retail	82.7%	71.8%	74.8%	74.2%	70.0%	65.8%	59.6%	65.1%
RIN values (Dollars per gallon)								
Conventional ethanol		0.02	0.15	0.14	0.22	0.34	0.64	0.47
Other advanced ethanol			0.15	0.14	0.22	0.36	0.64	0.50

US Biofuel Policy Provisions

Calendar year	2008	2009	2010	2011	2012	2013	2014	2015
Renewable Fuel Standard (Million gallons)								
Renewable Fuel Standard	9,000	11,100	12,950	13,950	15,200	16,550	18,150	20,500
Advanced bio fuels		600	950	1,350	2,000	2,750	3,750	5,500
Taxes and tariffs (Dollars per gallon)								
Biodiesel tax credit	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol tax credit	0.51	0.45	0.45	0.00	0.00	0.00	0.00	0.00
Cellulosic ethanol tax credit	1.01	1.01	1.01	1.01	1.01	0.00	0.00	0.00
Ethanol specific tariff	0.54	0.54	0.54	0.00	0.00	0.00	0.00	0.00
Ethanol ad-valorem tariff (Percent)								
Ethanol ad-valorem tariff	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

US Wheat Supply and Utilization

June-May year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Area (Million acres)								
Planted area	63.2	59.1	54.3	56.8	56.3	55.8	55.6	55.4
Harvested area	55.7	49.9	48.3	49.3	48.8	48.4	48.3	48.1
Yield (Bushels per harvested acre)								
	44.9	44.4	46.9	44.2	44.5	44.8	45.1	45.5
Supply (Million bushels)								
Beginning stocks	306	657	973	956	829	797	782	777
Production	2,499	2,216	2,265	2,179	2,169	2,168	2,177	2,187
Imports	127	119	99	107	106	107	107	108
Domestic use								
Feed and residual	255	150	167	189	212	200	207	207
Seed	78	71	75	74	74	74	74	74
Food and other	927	917	939	943	955	963	972	982
Exports								
	1,015	881	1,201	1,207	1,065	1,053	1,037	1,035
Total use								
	2,275	2,019	2,381	2,413	2,306	2,291	2,290	2,298
Ending stocks								
Under loan	27	51	57	63	69	65	63	61
Other stocks	629	923	898	766	729	718	714	713
Prices, program provisions (Dollars per bushel)								
Farm price	6.78	4.87	5.10	4.92	4.76	4.87	4.94	4.99
Loan rate	2.75	2.75	2.94	2.94	2.94	2.94	2.94	2.94
Target price	3.92	3.92	4.17	4.17	4.17	4.17	4.17	4.17
Direct payment rate	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Base area (Million acres)								
	72.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2
Direct payment yield (Bushels per acre)								
	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
CCP yield	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Market returns (Dollars)								
Gross market revenue/a.	304.21	216.43	239.27	217.38	211.50	218.36	222.68	226.67
Variable expenses/a.	128.33	129.12	123.82	124.44	130.48	136.31	140.20	142.64
Market net return/a.	175.88	87.31	115.45	92.94	81.03	82.05	82.48	84.03

US Soybean Supply and Utilization

September-August year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Area	(Million acres)							
Planted area	75.7	77.5	78.9	76.9	77.3	77.8	77.4	77.0
Harvested area	74.7	76.4	78.0	75.9	76.3	76.8	76.4	76.0
Yield	(Bushels per harvested acre)							
	39.7	44.0	44.0	43.3	43.7	44.2	44.6	45.1
Supply	(Million bushels)							
Beginning stocks	205	138	160	353	294	287	289	290
Production	2,967	3,359	3,433	3,286	3,336	3,392	3,407	3,428
Imports	13	15	10	10	10	10	10	10
Domestic use	1,768	1,882	1,820	1,913	1,953	1,988	2,015	2,041
Crush	1,662	1,750	1,663	1,757	1,794	1,828	1,854	1,879
Seed and residual	106	132	158	156	158	160	161	162
Exports	1,279	1,470	1,430	1,442	1,401	1,411	1,402	1,399
Total use	3,047	3,352	3,250	3,356	3,354	3,399	3,417	3,440
Ending stocks	138	160	353	294	287	289	290	288
Under loan	9	8	10	11	11	11	11	11
Other stocks	130	152	343	283	276	278	278	277
Prices, program provisions	(Dollars per bushel)							
Farm price	9.97	9.60	9.35	9.26	9.43	9.45	9.53	9.59
Illinois processor price	10.26	9.94	9.68	9.59	9.76	9.78	9.85	9.91
Loan rate	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Target price	5.80	5.80	6.00	6.00	6.00	6.00	6.00	6.00
Direct payment rate	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Base area	(Million acres)							
	50.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0
Direct payment yield	(Bushels per acre)							
	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
CCP yield	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
Market returns	(Dollars)							
Gross market revenue/a.	396.10	422.23	411.80	400.63	412.34	417.61	425.26	432.33
Variable expenses/a.	129.86	132.77	135.91	137.15	142.85	147.79	151.88	155.38
Market net return/a.	266.24	289.46	275.89	263.47	269.49	269.83	273.38	276.95
Other indicators								
Soybean/corn price ratio	2.46	2.70	2.54	2.44	2.50	2.47	2.41	2.41
48% soymeal price, \$/ton	331.17	310.00	272.06	269.07	275.50	278.26	281.06	282.69
Soyoil price, cents/lb.	32.16	35.50	39.38	39.54	39.40	39.09	39.07	39.15
Crushing margin, \$/bu.	1.16	1.38	1.26	1.30	1.26	1.27	1.26	1.25

US Upland Cotton Supply and Utilization

August-July year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Area	(Million acres)							
Planted area	9.30	9.01	10.70	11.38	11.05	10.99	10.93	10.95
Harvested area	7.40	7.39	10.42	10.06	9.77	9.70	9.65	9.66
Yield	(Pounds per harvested acre)							
	803	766	831	820	830	841	851	861
Supply	(Million bales)							
Beginning stocks	22.27	17.82	21.13	20.51	20.56	20.66	20.79	20.99
Production	9.89	6.03	3.09	3.33	3.68	3.67	3.68	3.67
Imports	12.38	11.79	18.04	17.18	16.89	16.99	17.10	17.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic use								
Mill use	3.56	3.37	3.35	3.34	3.30	3.25	3.19	3.15
Exports	13.04	11.31	14.44	13.49	13.59	13.73	13.92	14.17
Total use	16.60	14.68	17.79	16.83	16.89	16.98	17.11	17.32
Unaccounted	-0.36	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Ending stocks	6.03	3.09	3.33	3.68	3.67	3.68	3.67	3.67
Prices, program provisions	(Dollars per pound)							
Farm price	0.478	0.625	0.689	0.663	0.670	0.675	0.682	0.687
Far East A index price	0.611	0.794	0.834	0.795	0.798	0.799	0.801	0.803
Adjusted world price	0.436	0.613	0.669	0.630	0.633	0.634	0.636	0.638
Loan rate	0.520	0.520	0.520	0.520	0.520	0.520	0.520	0.520
Target price	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713
Direct payment	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067
User payment	0.040	0.040	0.040	0.040	0.030	0.030	0.030	0.030
Base area	(Million acres)							
	17.84	17.63	17.65	17.66	17.66	17.66	17.66	17.66
Direct payment yield	(Pounds per acre)							
	595	595	595	595	595	595	595	595
CCP yield	631	631	631	631	631	631	631	631
Market returns	(Dollars)							
Gross market revenue/a.	513.58	568.31	684.67	657.90	672.88	685.53	699.64	712.25
Variable expenses/a.	450.16	445.91	452.00	455.79	474.84	492.87	505.51	514.83
Market net return/a.	63.42	122.40	232.67	202.11	198.04	192.65	194.13	197.43

US Rice Supply and Utilization

August-July year	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16
Area	(Million acres)							
Planted area	3.00	3.14	3.51	3.14	3.07	3.05	3.04	3.02
Harvested area	2.98	3.10	3.49	3.11	3.05	3.03	3.02	3.00
Yield	(Pounds per harvested acre)							
	6,846	7,085	7,039	7,184	7,252	7,320	7,380	7,454
Supply	(Million hundredweight)							
Beginning stocks	252.6	269.9	299.1	296.6	284.5	277.7	276.6	277.6
Production	29.6	30.6	33.9	53.6	43.7	35.8	33.6	33.2
Imports	203.7	219.9	245.9	223.7	221.2	221.9	222.7	223.6
Domestic use	19.2	19.5	19.3	19.3	19.6	20.0	20.3	20.7
	126.4	127.0	129.2	130.6	132.2	133.7	135.3	136.9
Exports	95.6	109.0	116.4	122.3	116.5	110.3	108.1	107.2
Total use	222.0	236.0	245.6	252.9	248.7	244.0	243.4	244.1
Ending stocks	30.6	33.9	53.6	43.7	35.8	33.6	33.2	33.5
Prices, program provisions	(Dollars per hundredweight)							
Farm price	16.80	14.00	11.98	11.70	11.73	11.90	12.00	12.07
Adjusted world price	13.91	11.24	9.53	9.66	9.82	9.98	10.10	10.19
Loan rate	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Target price	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Direct payment	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Base area	(Million acres)							
	4.35	4.27	4.27	4.27	4.27	4.27	4.27	4.27
Direct payment yield	(Pounds per acre)							
	4,818	4,818	4,818	4,818	4,818	4,818	4,818	4,818
CCP yield	5,131	5,131	5,131	5,131	5,131	5,131	5,131	5,131
Market returns	(Dollars)							
Gross market revenue/a.	1150.11	991.91	843.27	840.87	850.37	870.77	885.48	899.56
Variable expenses/a.	498.15	472.48	488.61	497.00	521.46	541.29	555.91	567.88
Market net return/a.	651.96	519.43	354.66	343.86	328.90	329.48	329.57	331.68

US Cattle Sector

Calendar year	2008	2009	2010	2011	2012	2013	2014	2015
	(Million head)							
Beef cows (Jan. 1)	32.4	31.7	31.4	31.1	30.8	30.6	30.6	30.7
Dairy cows (Jan. 1)	9.3	9.3	9.1	9.1	9.1	9.0	8.9	8.9
Cattle and calves (Jan. 1)	96.0	94.5	93.7	92.6	91.7	91.1	90.9	90.9
Calf crop	36.2	35.8	35.4	35.2	35.0	34.9	34.9	34.9
Calf death loss	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2
Calf slaughter	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Beef cow slaughter	3.6	3.4	3.4	3.2	3.1	3.0	2.9	3.0
Dairy cow slaughter	2.6	2.9	2.7	2.7	2.7	2.7	2.7	2.7
Bull slaughter	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Steer and heifer slaughter	27.6	26.7	26.8	26.7	26.3	26.1	26.0	26.2
Total slaughter	35.5	34.5	34.5	34.2	33.7	33.3	33.2	33.4
Cattle imports	2.3	2.0	2.2	2.3	2.3	2.4	2.4	2.4
Cattle exports	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cattle death loss	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
Residual	0.4	0.6	0.4	0.4	0.4	0.5	0.5	0.5
Cattle and calves (Dec. 31)	94.5	93.7	92.6	91.7	91.1	90.9	90.9	90.7
Cattle on feed (Jan. 1)	14.8	13.9	13.6	13.9	14.0	14.1	14.3	14.5
	(Million pounds)							
Supply								
Beginning stocks	630	642	565	544	537	527	525	528
Imports	2,538	2,626	2,597	2,743	2,847	2,995	3,097	3,111
Production	26,664	26,068	25,819	25,752	25,485	25,317	25,320	25,616
Total	29,832	29,336	28,981	29,039	28,870	28,839	28,942	29,255
Disappearance								
Domestic use	27,303	26,836	26,289	26,315	26,060	25,907	25,960	26,218
Exports	1,887	1,935	2,147	2,188	2,282	2,408	2,454	2,499
Total	29,190	28,771	28,437	28,503	28,342	28,315	28,414	28,718
Ending stocks	642	565	544	537	527	525	528	537
	(Pounds)							
Per capita consumption								
Carcass weight	89.5	87.2	84.6	83.8	82.2	81.0	80.4	80.4
Retail weight	62.6	61.0	59.2	58.7	57.6	56.7	56.3	56.3
Change	-3.9%	-2.6%	-3.0%	-0.9%	-1.9%	-1.5%	-0.8%	0.0%
	(Dollars per hundredweight)							
Prices								
1100 - 1300 # Nebraska direct steers	92.27	82.68	93.50	98.50	103.34	105.85	106.54	105.65
600 - 650 #, Oklahoma City feeder steers	107.62	101.89	115.78	123.79	132.62	137.46	139.82	137.72
Utility cows, Sioux Falls	54.92	47.01	58.09	60.45	61.95	63.37	63.74	62.53
Boxed beef cutout	153.17	140.77	155.29	163.92	172.18	176.21	177.58	177.00
	(Dollars per pound)							
Beef retail	4.32	4.26	4.46	4.74	5.00	5.16	5.27	5.26
Change	4.0%	-1.5%	4.6%	6.3%	5.5%	3.3%	2.0%	-0.1%
	(Dollars per cow)							
Cow-calf returns								
Receipts	543.68	519.57	596.52	634.71	674.77	697.90	709.31	698.95
Feed expenses	148.80	151.42	147.72	152.00	154.72	156.25	158.44	161.32
Non-feed expenses	416.13	401.99	420.62	431.33	449.49	466.25	479.61	491.20
Net returns	-21.25	-33.83	28.18	51.39	70.56	75.40	71.26	46.43

US Swine Sector

Calendar year	2008	2009	2010	2011	2012	2013	2014	2015
	(Million head)							
Breeding herd (Dec. 1*)	6.23	6.06	5.85	5.78	5.88	5.97	6.02	6.02
Gilts added	3.42	3.12	3.09	3.25	3.33	3.36	3.35	3.32
Sow slaughter	3.53	3.27	3.11	3.09	3.18	3.25	3.30	3.30
Sows farrowed	12.23	11.90	11.62	11.73	12.00	12.24	12.38	12.42
Pigs per litter (head)	9.41	9.62	9.74	9.81	9.86	9.92	9.97	10.03
Market hogs (Dec. 1*)	61.9	61.1	59.0	58.5	59.1	60.7	62.0	62.9
Pig crop	115.0	114.5	113.2	115.0	118.4	121.4	123.4	124.5
Barrow and gilt slaughter	112.5	109.9	107.0	107.6	109.8	112.8	115.1	116.6
Hog imports	9.3	6.4	5.8	5.9	6.0	6.0	6.1	6.1
Hog exports	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Death loss/residual	12.7	13.0	12.5	12.6	12.9	13.3	13.5	13.6
Market hogs (Nov.30)	61.1	59.0	58.5	59.1	60.7	62.0	62.9	63.3
	(Million pounds)							
Supply								
Beginning stocks	519	635	525	495	491	507	533	554
Imports	832	834	856	882	889	876	847	829
Production	23,367	23,020	22,439	22,685	23,253	23,987	24,586	25,006
Total	24,718	24,489	23,821	24,062	24,633	25,370	25,966	26,389
Disappearance								
Domestic use	19,415	19,870	18,868	18,880	19,167	19,610	19,937	20,164
Exports	4,667	4,095	4,458	4,691	4,959	5,227	5,475	5,659
Total	24,082	23,965	23,326	23,571	24,126	24,837	25,412	25,823
Ending stocks	635	525	495	491	507	533	554	566
	(Pounds)							
Per capita consumption								
Carcass weight	63.6	64.5	60.7	60.2	60.5	61.3	61.7	61.8
Retail weight	49.4	50.1	47.1	46.7	46.9	47.6	47.9	48.0
Change	-2.7%	1.5%	-6.0%	-0.9%	0.5%	1.3%	0.7%	0.2%
Prices								
Barrows & gilts, national base	(Dollars per hundredweight)							
51-52% lean equivalent	47.84	41.24	54.59	56.39	55.01	52.37	50.04	49.01
Sows, IA-S. Minn. #1-2, 300-400 Lb.	32.55	34.40	49.50	50.49	47.51	43.75	40.98	40.16
Pork cutout value	69.24	58.13	80.30	84.20	84.03	80.80	77.50	76.33
	(Dollars per pound)							
Pork retail	2.94	2.92	3.08	3.25	3.24	3.22	3.20	3.20
Change	2.3%	-0.6%	5.6%	5.5%	-0.3%	-0.6%	-0.6%	-0.1%
Farrow - finish returns	(Dollars per hundredweight)							
Receipts	49.07	42.79	56.92	58.76	57.25	54.50	52.17	51.24
Feed expenses	35.38	31.25	28.44	27.99	28.44	28.72	29.40	30.17
Non-feed expenses	21.67	21.18	21.72	21.94	22.57	23.01	23.31	23.65
Net returns	-7.97	-9.64	6.76	8.82	6.24	2.78	-0.55	-2.58

* Preceding year

US Poultry Supply and Use

Calendar year	2008	2009	2010	2011	2012	2013	2014	2015
Broiler								
				(Million pounds)				
Production	36,511	35,131	36,118	37,542	38,533	39,325	40,012	40,638
Imports	79	85	96	96	99	102	105	108
Domestic use	29,603	28,509	29,690	30,946	31,763	32,407	32,974	33,477
Exports	6,961	6,835	6,466	6,642	6,831	6,989	7,127	7,257
Ending stocks	745	616	673	722	761	792	807	820
Turkey								
Production	6,165	5,588	5,475	5,614	5,770	5,916	6,044	6,146
Imports	8	13	12	12	13	14	15	16
Domestic use	5,361	5,201	4,956	5,059	5,205	5,335	5,450	5,542
Exports	676	534	540	550	569	586	602	615
Ending stocks	396	262	253	269	278	286	293	299
Eggs								
				(Million dozens)				
Production	7,501	7,534	7,605	7,725	7,842	7,945	8,042	8,137
Imports	11	17	18	18	18	18	18	18
Domestic use	6,307	6,347	6,387	6,494	6,592	6,682	6,769	6,855
Hatching egg	996	955	982	1,007	1,022	1,031	1,038	1,043
Exports	206	242	249	237	241	244	248	252
Ending stocks	17	18	18	18	18	18	18	18
Prices								
				(Cents per pound)				
12 city wholesale broiler	79.68	77.60	83.17	84.82	86.64	88.15	89.73	91.27
Broiler retail	174.63	177.98	177.41	183.90	189.63	194.13	198.71	203.45
East. region, wholesale turkey	87.55	79.52	88.98	90.21	91.81	92.96	94.23	94.99
Turkey retail	124.96	139.60	147.72	153.71	157.41	160.08	162.68	165.04
				(Cents per dozen)				
NY grade A large egg	128.32	102.97	102.63	106.57	111.14	113.54	116.61	119.53
Shell egg retail	198.65	166.40	168.99	174.86	182.88	188.05	193.63	198.63
Per capita consumption								
				(Pounds)				
Broiler	97.0	92.6	95.5	98.6	100.2	101.3	102.1	102.6
Turkey	17.6	16.9	15.9	16.1	16.4	16.7	16.9	17.0
				(Eggs)				
Eggs	248.0	247.4	246.6	248.3	249.6	250.6	251.4	252.2
Feed-price ratios								
				(Ratios)				
Broiler	3.7	4.1	5.1	5.4	5.4	5.4	5.4	5.4
Turkey	4.6	5.0	6.3	6.6	6.6	6.5	6.5	6.4
Eggs	8.6	7.2	7.6	8.1	8.4	8.5	8.5	8.6

US Dairy Sector

Calendar year	2008	2009	2010	2011	2012	2013	2014	2015
US milk supply								
Dairy cows (thou. head)	9,315	9,201	9,109	9,101	9,040	8,982	8,912	8,858
Milk yield (lbs.)	20,395	20,576	21,015	21,319	21,613	21,902	22,194	22,485
Milk production (bil. lbs.)	190.0	189.3	191.4	194.0	195.4	196.7	197.8	199.2
Min. FMMO class prices (Dollars per hundredweight)								
Class I mover	18.00	11.48	14.59	14.97	15.58	15.90	16.35	16.83
Class II	16.24	11.26	14.84	15.23	15.84	16.16	16.61	17.09
Class III	17.44	11.36	13.98	14.49	14.77	15.04	15.52	16.08
Class IV	14.65	10.89	14.46	14.85	15.46	15.78	16.23	16.71
All milk price	18.45	12.93	16.05	16.56	17.02	17.31	17.76	18.26
MILC payment	0.00	1.05	0.15	0.00	0.00	0.00	0.00	0.00
Wholesale prices (Dollars per pound)								
Butter, CME	1.46	1.24	1.63	1.76	1.78	1.81	1.87	1.95
Cheese, Am., 40#, CME	1.86	1.30	1.52	1.56	1.58	1.61	1.65	1.70
Nonfat dry milk, AA	1.30	0.99	1.22	1.20	1.26	1.29	1.31	1.33
Evaporated	1.73	1.51	1.60	1.60	1.62	1.64	1.67	1.70
Dairy product production (Million pounds)								
American cheese	4,109	4,202	4,189	4,267	4,316	4,367	4,407	4,453
Other cheese	5,804	5,907	6,133	6,245	6,279	6,362	6,420	6,490
Butter	1,644	1,573	1,553	1,555	1,563	1,566	1,559	1,552
Nonfat dry milk	1,828	1,693	1,653	1,688	1,697	1,701	1,694	1,690