

Economics



Price and Income, 2008

By Tyler D. Heep

Some of the market year average prices in 2008 were higher, and some were lower. Overall, prices were higher than in 2007.

Market year average prices improved for barley, potatoes, alfalfa hay, all hay, tobacco, hogs, cows, sheep, lambs, milk cows, farm chickens, broilers, turkeys, and market eggs. Market year average prices remained the same for oats, and wool. Market year averages declined for corn, winter wheat, soybeans, other hay, sorghum, fresh market apples, steers, calves, and wholesale milk.

Preliminary cash receipts from marketings in 2008 was \$6.12 billion. Total cash income from crops was estimated at \$2.18

billion, up 13 percent from 2007.

Cash income received from livestock and livestock products, at \$3.94 billion, was up 3 percent from last year. Net farm income in 2008 was \$1,457.7 million, down 5 percent from the previous year.

The USDA's Economic Research Service no longer computes gross farm income. The value-added format presented on Page 136 is now used to present the agricultural sector income account. Underlying accounting and concepts remain the same under the new format.

Pennsylvania: Prices Received By Farmers, Monthly, 2008

Commodity	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Dollars</i>													
Corn	Bu.	4.22	5.47	5.28	5.95	5.47	6.78	6.27	5.71	5.63	4.09	3.87	4.14
Oats	Bu.	3.45	3.64	3.73	4.34	4.55	4.92	3.72	3.36	3.48	3.70	3.16	2.74
Alfalfa hay, baled	Ton	211.00	221.00	230.00	230.00	222.00	223.00	210.00	201.00	204.00	199.00	203.00	193.00
Other hay, baled	Ton	176.00	182.00	200.00	200.00	192.00	194.00	174.00	168.00	174.00	170.00	169.00	162.00
All hay, baled	Ton	182.00	188.00	204.00	204.00	197.00	199.00	182.00	172.00	178.00	174.00	174.00	167.00
Apples, fresh market	Lb.	0.263	0.268	0.264	-	-	-	-	0.496	0.519	0.472	0.358	0.259
Barrows and gilts	Cwt.	31.80	38.00	34.00	38.50	51.50	49.30	50.40	56.50	50.20	47.00	41.20	44.50
Steers and heifers	Cwt.	84.40	86.10	86.30	84.40	87.30	88.60	92.20	91.90	91.40	86.00	83.40	82.50
Cows, slaughter	Cwt.	47.00	51.30	51.90	51.60	55.60	57.90	59.50	59.70	57.50	51.10	46.90	42.50
Calves	Cwt.	117.00	118.00	114.00	114.00	118.00	115.00	110.00	112.00	112.00	107.00	103.00	98.00
Milk cows ¹	Cwt.	2100.00	-	-	2000.00	-	-	2000.00	-	-	2000.00	-	-
Milk, wholesale	Cwt.	22.60	21.00	19.10	19.90	19.30	20.30	21.40	20.50	20.40	19.30	19.20	17.10
Eggs, market	Doz.	1.060	1.120	1.220	0.830	0.670	0.890	0.670	0.790	0.840	0.900	0.850	0.800

¹ Estimated quarterly.

Pennsylvania: Market Year Average Prices Received By Farmers, 2001-2008

Commodity	Unit	Marketing Year	2001	2002	2003	2004	2005	2006	2007	2008
<i>Dollars</i>										
Corn ²	Bu.	Sep 1 - Aug 31	2.33	2.97	2.96	2.25	2.30	3.54	4.56	3.75
Oats	Bu.	Jul 1 - Jun 30	1.72	2.08	1.81	1.89	2.28	2.07	3.20	3.20
Barley	Bu.	Jun 1 - May 31	1.51	1.70	2.13	2.20	1.87	1.77	2.90	4.60
Winter wheat	Bu.	Jul 1 - Jun 30	2.68	3.40	3.31	3.40	3.50	3.52	6.60	6.05
Soybeans	Bu.	Sep 1 - Aug 31	4.26	5.90	7.33	5.43	5.60	6.25	10.70	10.20
Potatoes	Cwt.	Aug 1 - May 31	8.05	9.15	7.05	7.45	11.40	10.50	10.10	13.30
Alfalfa hay, dry baled	Ton	May 1 - Apr 30	132.00	151.00	156.00	143.00	153.00	161.00	191.00	204.00
Other hay, dry baled	Ton	May 1 - Apr 30	105.00	122.00	123.00	112.00	125.00	131.00	172.00	171.00
All hay, dry baled	Ton	May 1 - Apr 30	117.00	134.00	137.00	122.00	134.00	136.00	175.00	176.00
Sorghum ²	Cwt.	Sep 1 - Aug 31	3.75	4.79	4.64	4.16	4.75	5.86	6.60	5.35
Tobacco, all	Lb.	Oct 1 - Sep 30	1.550	1.379	1.367	1.352	1.399	1.650	1.650	1.735
Apples, all	Lb.	Jul 1 - Jun 30	0.096	0.101	0.103	0.101	0.100	0.128	0.142	0.180
Apples, fresh market	Lb.	Jul 1 - Jun 30	0.201	0.215	0.213	0.172	0.185	0.257	0.294	0.277
Hogs, all	Cwt.	Dec 1 - Nov 30	40.40	30.30	35.50	46.70	47.30	41.90	40.90	41.50
Steers and heifers	Cwt.	Jan 1 - Dec 31	71.10	65.20	79.70	81.90	84.20	83.20	87.90	87.00
Cows, slaughter	Cwt.	Jan 1 - Dec 31	42.20	38.80	42.10	49.20	51.00	47.10	48.40	52.70
Calves	Cwt.	Jan 1 - Dec 31	115.00	112.00	116.00	111.00	132.00	133.00	116.00	112.00
Sheep	Cwt.	Jan 1 - Dec 31	34.20	30.00	39.10	43.50	51.40	45.20	43.00	44.00
Lambs	Cwt.	Jan 1 - Dec 31	78.70	90.00	107.00	115.00	116.00	109.00	116.00	117.00
Milk cows	Hd.	Jan 1 - Dec 31	1,530.00	1,590.00	1,350.00	1,550.00	1,730.00	1,750.00	1,900.00	2,030.00
Farm chickens	Lb.	Dec 1 - Nov 30	0.010	0.010	0.010	0.009	0.010	0.011	0.011	0.014
Broilers and roasters	Lb.	Dec 1 - Nov 30	0.410	0.320	0.36	0.46	0.45	0.37	0.45	0.47
Turkeys	Lb.	Jan 1 - Dec 31	0.460	0.390	0.47	0.48	0.49	0.54	0.52	0.64
Milk, wholesale	Cwt.	Jan 1 - Dec 31	16.60	13.80	14.00	17.60	16.90	14.60	20.90	20.00
Eggs, market	Doz.	Dec 1 - Nov 30	0.505	0.514	0.628	0.585	0.345	0.378	0.694	0.917
Wool	Lb.	Jan 1 - Dec 31	0.25	0.25	0.27	0.27	0.27	0.30	0.31	0.31

¹ PA type 41 tobacco price for 2000 is not published to avoid disclosure. Price includes type 32 only. ² Preliminary market year average price. Final State market year average price will be published November 30, 2009.

Prices Paid By Farmers for Feed, 2007-2009

Item	Unit	Northeast Region			United States		
		April 2007	April 2008	March 2009	April 2007	April 2008	March 2009
<i>Dollars</i>							
Alfalfa Meal	Cwt	20.50	24.30	27.20	18.20	21.10	23.90
Alfalfa Pellets	Cwt	20.90	25.30	28.90	18.70	21.30	24.10
Bran	Cwt	16.90	19.30	22.70	17.40	19.10	23.20
Beef Cattle Conc. 32-36% Protein	Ton	335	451	455	370	433	488
Corn Meal	Cwt	14.00	15.70	15.30	12.30	13.70	13.40
Cottonseed Meal, 41%	Cwt	26.60	20.00	25.90	20.00	23.00	25.60
Dairy Feed							
16% Protein ¹	Ton	239	300	258	249	313	293
18% Protein ¹	Ton	259	312	285	267	324	297
20% Protein ¹	Ton	260	326	295	258	320	295
32-38% Protein Conc.	Ton	355	405	412	378	469	458
Hog Feed							
14-18% Protein ^{1 2}	Ton	330	376	352	305	345	328
38-42% Protein Conc.	Ton	438	566	515	398	490	493
Molasses, Liquid	Cwt	18.80	18.70	22.90	19.20	17.50	22.20
Poultry Feed ¹							
Broiler Grower	Ton	336	505	514	306	387	464
Chick Starter	Ton	357	512	521	327	416	501
Laying Feed	Ton	288	332	430	278	371	391
Turkey Grower	Ton	300	490	507	337	434	466
Soybean Meal, 44%	Cwt	20.00	26.90	25.20	18.20	23.40	23.20
Soybean Meal, over 44%	Cwt	19.00	24.70	24.20	16.90	22.40	22.00
Stock Salt	50 Lb	6.20	6.86	7.60	5.02	5.45	5.93
Trace Mineral Blocks	50 Lb	7.25	7.90	8.35	6.15	6.60	7.09

¹ Complete ration feed, fed without mixing or supplementation. ² Excluding pig starter.

Prices Paid By Farmers for Fuels, 2007-2009

Item	Northeast Region			United States		
	April 2007	April 2008	March 2009	April 2007	April 2008	March 2009
<i>Dollars per Gallon</i>						
Fuels, bulk delivery						
Service Station	2.700	3.272	2.009	2.625	3.277	1.941
Unleaded Gasoline ¹	2.728	3.282	2.003	2.638	3.331	1.972
Diesel Fuel ^{2 3}	2.355	3.773	1.952	2.430	3.619	1.688
L.P. Gas ²	2.186	2.621	2.190	1.727	2.281	1.737

¹ Includes Federal, State and local per gallon taxes. ² Excludes State road taxes, but includes State and local per gallon taxes where applicable. ³ Excludes Federal excise tax.

Prices Paid By Farmers for Fertilizer and Agricultural Limestone, 2007-2009

Item	Northeast Region ¹			United States		
	April 2007	April 2008	March 2009	April 2007	April 2008	March 2009
<i>Dollars per Ton</i>						
0-20-20	296	506	570	331	573	683
5-10-10	257	410	386	246	386	424
6-24-24	365	673	634	371	691	737
10-6-4	267	404	380	267	404	380
10-10-10	294	468	432	298	449	483
10-20-10	331	623	511	329	616	536
10-20-20	364	644	612	365	632	632
10-34-0	349	615	1000	358	650	787
11-52-0	469	988	539	445	902	645
15-15-15	366	581	572	380	588	602
18-46-0 (DAP)	444	987	539	442	850	638
19-19-19	422	707	644	413	693	665
Ammonium Nitrate	394	570	609	382	509	438
Limestone, Spread	32.30	38.40	35.60	23.00	25.60	27.40
Nitrogen Solution 30%	297	439	359	277	401	320
Superphosphate 44-46%	435	931	733	418	800	639
Urea 44-46%	480	598	494	453	552	486

¹ Northeast Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, WV.

Farm Production Expenditures, 2008

By Julie A. Donahoe

For more detailed data, see the Census of Agriculture found at www.agcensus.usda.gov

U.S. Farm Production Expenditures totaled \$307 billion in 2008 and \$284 billion for the revised 2007 crop year. The 2008 Total Farm Expenditures rose 8.3 percent compared to the 2007 rise of 19.2 percent over 2006. The 2007 revised estimate is up from the preliminary estimate by \$23.5 billion due to significant summary adjustments based on 2007 Census farm numbers.

Rising fertilizer prices and weather were two large factors affecting farm production expenditures during the year. Fertilizer, up 27.1 percent over the previous year, was the fastest expanding non-capital expense. The increased cost of crude oil continued to drive up the cost of several production inputs in 2008. This directly translated into rising fuel cost, and influenced fertilizer products, chemicals, and transportation costs. Persistent snow and rain in the Midwest in the spring set the stage for historic flooding in Iowa in June. This contrasted with driest March – May in California in 114 years.

In 2008, the average per farm U.S. Total Farm Expenditure was \$140,075 compared with \$129,062, an increase of 8.5 percent over

2007. On average, U.S. farm operations spent: \$21,398 on Feed, \$17,337 on Farm Services, \$13,550 on Labor, \$12,912 on Livestock and Poultry Purchases, \$10,265 on Fertilizer, Lime, and Soil Conditioners, and \$10,220 on Rent. Revised estimates for 2007 indicate U.S. farms spent an average of: \$19,073 on Feed, \$16,752 on Farm Services, \$15,022 on Livestock and Poultry Purchases, \$13,019 on Labor, and \$8,968 on Rent.

Total Expenditures by Farm Production Expenditure Region were up for all five regions in 2008. The Midwest had the highest increase at 13 percent, followed by the West up 11 percent.

The Atlantic Region (CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VA, VT, WV) contributed \$39.0 billion or 13 percent of the 2008 U.S. total for farm production expenditures. The total expenditures for the five regions were: the Midwest (IL, IN, IA, MI, MN, MO, OH, WI) at \$91.2 billion; Plains (KS, NE, ND, OK, SD, TX) at \$74.2 billion; West (AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY) at \$68.7 billion; Atlantic at \$39.0 billion; and South (AL, AR, FL, GA, LA, MS, SC) at \$34.0 billion.

Farm Production Expenditures: Major Input Items, Average per Farm and Total, Atlantic Region¹³ & U.S.¹, 2007-2008

Expenditure - Farm Share	Farms Reporting ¹¹		Average per Farm ¹²		Total Expenditures	
	2007	2008	2007	2008	2007	2008
	Percent		Dollars		Million Dollars	
Atlantic¹³						
Total Farm Production Expenditures ²	100.0	100.0	80,292	87,446	35,880	38,950
Livestock, Poultry & Related Expenses ³	23.4	25.5	6,512	6,803	2,910	3,030
Feed	67.0	64.5	15,060	18,567	6,730	8,270
Farm Services ⁴	95.3	95.9	10,025	10,754	4,480	4,790
Rent ⁵	20.7	19.6	2,372	2,514	1,060	1,120
Agricultural Chemicals ⁶	37.8	39.3	2,193	2,178	980	970
Fertilizer, Lime & Soil Conditioners ⁶	53.5	57.3	3,625	4,692	1,620	2,090
Interest	32.9	31.9	3,357	3,345	1,500	1,490
Taxes (Real Estate & Property)	100.0	100.0	3,580	4,131	1,600	1,840
Labor	29.6	26.8	9,846	9,227	4,400	4,110
Fuels	86.7	91.3	3,939	4,445	1,760	1,980
Farm Supplies & Repairs ⁷	86.3	89.7	5,236	4,894	2,340	2,180
Farm Improvements & Construction ⁸	58.3	56.5	6,154	5,882	2,750	2,620
Tractors & Self-Propelled Farm	18.1	17.7	2,283	3,031	1,020	1,350
Other Farm Machinery	21.7	23.4	1,343	1,751	600	780
Seeds & Plants ⁹	40.0	44.6	3,446	3,839	1,540	1,710
Trucks & Autos	15.0	16.5	1,208	1,302	540	580
Miscellaneous Capital Expenses ¹⁰	7.7	6.5	112	90	50	40
United States¹						
Total Farm Production Expenditures ²	100.0	100.0	129,062	140,075	283,520	307,020
Livestock, Poultry & Related Expenses ³	25.1	25.9	15,022	12,912	33,000	28,300
Feed	60.9	59.4	19,073	21,398	41,900	46,900
Farm Services ⁴	93.3	93.3	16,752	17,337	36,800	38,000
Rent ⁵	28.8	28.2	8,968	10,220	19,700	22,400
Agricultural Chemicals ⁶	45.9	45.7	4,780	5,338	10,500	11,700
Fertilizer, Lime & Soil Conditioners ⁶	51.7	51.0	8,057	10,265	17,700	22,500
Interest	38.1	38.1	5,508	5,475	12,100	12,000
Taxes (Real Estate & Property)	99.7	99.7	4,689	4,882	10,300	10,700
Labor	32.3	30.8	13,019	13,550	28,600	29,700
Fuels	80.2	85.1	6,145	7,300	13,500	16,000
Farm Supplies & Repairs ⁷	79.5	82.7	6,874	7,254	15,100	15,900
Farm Improvements & Construction ⁸	53.6	55.7	6,419	7,209	14,100	15,800
Tractors & Self-Propelled Farm	22.3	22.9	3,915	5,201	8,600	11,400
Other Farm Machinery	23.7	25.4	2,003	2,692	4,400	5,900
Seeds & Plants ⁹	39.2	41.1	5,736	6,889	12,600	15,100
Trucks & Autos	21.9	23.0	2,003	2,053	4,400	4,500
Miscellaneous Capital Expenses ¹⁰	14.9	13.1	100	100	220	220

See footnotes on next page.

Footnotes from previous table:

- ¹ Excludes AK and HI.
 - ² Includes landlord and contractor share of farm production expenses. Totals may not add due to rounding.
 - ³ Includes purchases and leasing of livestock and poultry. Edit procedures have been upgraded over the last three years to better identify cattle farm records where not all livestock are owned. These 'custom feeding' operations are now correctly recorded as production contracts, resulting in increased livestock purchases for contractors.
 - ⁴ Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses, and utilities.
 - ⁵ Includes public and private grazing fees.
 - ⁶ Includes material and application costs.
 - ⁷ Includes bedding and litter, marketing containers, power farm shop equipment, oils and lubricants, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.
 - ⁸ Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.
 - ⁹ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.
 - ¹⁰ A zero in this line-item denotes less than 5 million dollars. Average value derived from expenditure rounding to zero will also be zero. Miscellaneous Capital Expense was estimated for the first time in 2005.
 - ¹¹ Number of farms reporting item divided by total number of farms.
 - ¹² Total expenditures divided by total number of farms. Items may not sum to total due to rounding.
 - ¹³ Atlantic Region consists of CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, **PA**, RI, TN, VA, VT, WV.
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Pennsylvania: Farm Income Indicators, 2003-2008 ¹

Item	2003	2004	2005	2006	2007	2008
	<i>1,000 Dollars</i>					
Value of crop production	1,582,935	1,730,703	1,550,446	1,752,646	1,921,824	2,131,858
Food grains	24,160	22,253	22,010	32,824	48,206	82,757
Feed crops	290,207	443,639	321,425	454,515	594,173	708,548
Cotton	-	-	-	-	-	-
Oil crops	74,232	107,932	90,214	90,975	134,656	185,861
Tobacco	9,401	9,466	10,936	14,969	26,309	26,183
Fruits and tree nuts	105,926	101,984	107,474	122,596	132,213	165,712
Vegetables	123,596	144,588	150,045	169,279	151,575	168,132
All other crops	799,847	886,534	877,059	782,889	852,499	842,867
Home consumption	5,194	4,803	4,115	4,748	3,542	4,259
Value of inventory adjustment ²	150,372	9,504	-32,832	79,851	-24,349	-52,461
Value of livestock production	2,861,452	3,289,158	3,213,919	2,998,509	3,887,422	3,921,570
Meat animals	635,368	713,070	719,328	691,825	678,319	681,563
Dairy products	1,438,780	1,759,824	1,763,853	1,560,594	2,219,162	2,102,200
Poultry and eggs	725,959	782,108	701,439	675,877	911,034	1,101,889
Miscellaneous livestock	45,463	50,155	50,991	53,590	56,638	57,005
Home consumption	8,228	8,170	7,811	8,076	8,161	9,812
Value of inventory adjustment ²	7,654	-24,169	-29,503	8,547	14,108	-30,899
Revenues from services and forestry	693,300	788,709	810,406	855,866	930,580	974,233
Machine hire and customwork	72,057	67,877	60,528	45,282	47,330	41,244
Forest products sold	24,705	24,705	24,705	24,705	19,625	19,625
Other farm income	169,004	212,617	184,126	195,050	243,754	268,666
Gross imputed rental value of farm dwelling	427,534	483,510	541,047	590,829	619,871	644,698
Value of agricultural sector production	5,137,687	5,808,571	5,574,771	5,607,020	6,739,826	7,027,660
Less: Purchased inputs	2,585,251	2,757,020	2,516,981	2,796,306	3,415,512	3,739,610
Farm origin	1,112,957	1,168,879	983,375	1,102,342	1,341,334	1,600,995
Feed purchased	782,037	854,413	669,066	729,442	915,808	1,160,462
Livestock and poultry purchased	143,766	140,521	153,894	203,917	209,509	205,353
Seed purchased	187,154	173,945	160,415	168,983	216,017	235,180
Manufactured inputs	445,039	492,896	525,482	578,008	695,432	766,980
Fertilizers and lime	129,571	138,438	151,306	165,775	189,403	247,125
Pesticides	89,546	96,137	93,426	98,598	120,395	113,798
Petroleum fuel and oils	134,068	166,367	189,526	218,217	269,481	292,155
Electricity	91,854	91,954	91,224	95,418	116,153	113,902
Other purchased inputs	1,027,255	1,095,245	1,008,124	1,115,956	1,378,746	1,371,635
Repair and maintenance of capital items	266,852	276,833	257,109	318,280	350,109	333,995
Machine hire and customwork	44,524	56,706	46,121	54,432	52,862	52,082
Marketing, storage, and transportation ex.	153,959	181,472	148,502	144,256	193,247	166,681
Contract labor	39,542	43,627	46,110	44,958	61,003	42,628
Miscellaneous expenses	522,378	536,607	510,282	554,030	721,525	776,249
Plus: Net government transactions	-24,369	-129,287	-127,697	-164,133	-248,202	-321,307
+ Direct Government payments	183,722	91,433	140,242	134,491	77,160	87,393
- Motor vehicle registration and licensing fee	8,527	9,142	12,492	10,644	16,614	10,850
- Property taxes	199,564	211,578	255,447	287,980	308,748	397,850
Gross value added	2,528,067	2,922,264	2,930,094	2,646,582	3,076,112	2,966,743
Less: Capital consumption	613,737	664,667	722,555	765,225	792,756	836,493
Net value added	1,914,330	2,257,597	2,207,539	1,881,357	2,283,356	2,130,250
Less: Payments to stakeholders	608,693	565,916	513,364	612,924	744,711	672,560
Employee compensation (total hired labor)	512,978	514,572	443,895	522,249	629,809	603,051
Net rent received by nonoperator landlords	-86,016	-123,678	-135,866	-142,856	-129,525	-165,028
Real estate and nonreal estate interest	181,731	175,022	205,335	233,531	244,427	234,537
Net farm income	1,305,637	1,691,681	1,694,175	1,268,433	1,538,645	1,457,690

¹ Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. ² A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

Source: Economic Research Service (ERS), USDA.

Pennsylvania: Cash Receipts from Farm Marketing and Government Payments, 1940-2008

Year	Cash Income from Farm Marketings			USDA Government Payments	Total Marketings and Government Payments ¹
	Crops	Livestock and Livestock Products	Total Crops and Livestock ¹		
			--- Million Dollars ---		
1940	75.8	192.9	268.7	6.7	275.4
1950	170.3	531.7	702.0	6.3	708.3
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1990	1,033.8	2,697.8	3,731.6	41.4	3,773.0
1998	1,328.8	2,909.2	4,238.0	45.6	4,283.6
1999	1,279.6	2,892.7	4,172.3	95.7	4,268.0
2000	1,366.5	2,764.6	4,131.1	147.9	4,279.0
2001	1,368.6	3,149.0	4,517.6	103.5	4,621.1
2002	1,433.3	2,676.1	4,109.4	129.4	4,238.8
2003	1,427.4	2,845.6	4,273.0	183.7	4,456.7
2004	1,716.4	3,305.2	5,021.6	91.4	5,113.0
2005	1,579.2	3,235.6	4,814.8	140.2	4,955.0
2006	1,668.0	2,981.9	4,649.9	134.5	4,784.4
2007	1,940.2	3,865.2	5,805.4	77.2	5,882.6
2008²	2,172.9	3,942.7	6,115.5	87.4	6,202.9

¹ May not add due to rounding. ² Preliminary.

Pennsylvania: Leading Commodities for Cash Receipts to Farmers, 2008

Items	Value of receipts 1,000 dollars	Percent of total receipts Percent	Cumulative percent Percent	Percent of U.S. value Percent	U.S. Rank	Value of U.S. receipts 1,000 dollars
ALL COMMODITIES	6,122,717	100.0	—	1.9	22	324,437,852
LIVESTOCK AND PRODUCTS	3,942,657	64.4	—	2.8	12	141,195,120
CROPS	2,180,060	35.6	—	1.2	23	183,242,732
DAIRY PRODUCTS	2,102,200	34.3	34.3	6.0	4	34,772,735
CATTLE AND CALVES	493,627	8.1	42.4	1.0	24	48,189,205
CHICKEN EGGS	487,467	8.0	50.4	5.9	5	8,202,718
CORN	482,834	7.9	58.2	0.9	16	51,552,311
MUSHROOMS, AGARICUS	452,016	7.4	65.6	66.0	1	685,899
BROILERS	438,604	7.2	72.8	1.9	17	23,112,184
GREENHOUSE/NURSERY	324,202	5.3	78.1	2.0	13	16,096,699
HAY	203,285	3.3	81.4	2.7	12	7,402,735
SOYBEANS	185,861	3.0	84.4	0.6	19	29,058,111
HOGS	182,141	3.0	87.4	1.1	13	16,077,382
TURKEYS	138,368	2.3	89.7	3.1	11	4,479,142
APPLES	83,015	1.4	91.0	3.1	4	2,667,803
WHEAT	82,056	1.3	92.4	0.5	31	17,445,471
POTATOES	32,127	0.5	92.9	0.9	16	3,689,343
TOBACCO	26,183	0.4	93.3	1.8	7	1,445,471
PEACHES	21,528	0.4	93.7	4.0	na	543,746
GRAPES	27,477	0.4	94.1	0.6	5	3,473,632
TOMATOES	20,099	0.3	94.5	0.8	13	2,373,711
STRAWBERRIES	15,403	0.3	94.7	0.8	5	1,885,259
BARLEY	11,342	0.2	94.9	1.1	na	1,016,539
OATS	10,598	0.2	95.1	6.7	na	159,156
BEANS, SNAP	10,099	0.2	95.2	2.0	na	508,918
CORN, SWEET	1/	--	--	--	--	--
AQUACULTURE	1/	--	--	--	--	--
Government payments	87,393	--	--	0.7	33	12,237,568
Net farm income	1,450,493	--	--	1.7	23	87,325,108

na = not available

Numbers may not add due to rounding.

1/ Data excluded to avoid disclosure of individual operations.

Pennsylvania: Cash Receipts from Sale of Agricultural Products from Farms by Commodities, 2003-2008 ¹

Commodity	2003	2004	2005	2006	2007	2008
	<i>1,000 Dollars</i>					
All commodities	4,272,939	5,021,553	4,814,774	4,649,933	5,807,784	6,122,717
Livestock and products	2,845,570	3,305,157	3,235,611	2,981,886	3,865,153	3,942,657
Meat animals	635,368	713,070	719,328	691,825	678,319	681,563
Cattle and calves	442,939	465,743	472,382	466,354	462,283	493,627
Hogs	185,301	241,038	240,291	218,511	210,335	182,141
Sheep and lambs	7,128	6,289	6,655	6,960	5,701	5,795
Dairy products	1,438,780	1,759,824	1,763,853	1,560,594	2,219,162	2,102,200
Poultry/eggs	725,959	782,108	701,430	675,877	911,034	1,101,889
Broilers	247,284	325,496	359,865	306,693	381,015	438,604
Farm chickens	443	1,116	579	608	568	650
Chicken eggs	371,170	339,744	214,188	238,351	389,119	487,467
Turkeys	88,417	93,702	101,357	101,370	103,532	138,368
Other poultry	18,645	22,050	25,450	28,855	36,800	36,800
Miscellaneous livestock	45,463	50,155	50,991	53,590	56,638	57,005
Honey	1,944	2,300	1,772	1,826	1,785	1,822
Wool	111	119	124	120	133	124
Aquaculture	9,188	10,923	8,937	NA	NA	NA
Trout	4,678	4,223	4,807	4,790	5,212	5,427
Other aquaculture	4,510	6,700	4,130	3,275	4,940	5,075
Other livestock	34,220	36,813	40,158	43,550	44,518	44,518
Mink pelts	1,640	1,788	2,633	3,715	3,088	3,088
All other livestock	32,580	35,025	37,525	39,835	41,430	41,430
Crops	1,427,369	1,716,396	1,579,163	1,668,047	1,942,631	2,180,060
Food grains	24,160	22,253	22,010	32,824	48,206	82,757
Wheat	23,672	21,862	21,503	32,180	47,777	82,056
Feed crops	290,207	443,639	321,425	454,515	594,173	708,548
Barley	6,074	6,345	3,908	5,393	6,865	11,342
Corn	131,855	265,479	169,126	255,390	379,153	482,834
Hay	144,034	167,011	141,675	182,253	201,123	203,285
Oats	7,486	3,841	6,057	10,698	6,174	10,598
Sorghum grain	759	963	658	781	859	489
Tobacco	9,401	9,466	10,936	14,969	26,309	26,183
Oil crops	74,232	107,932	90,214	90,975	134,656	185,861
Soybeans	73,900	107,700	90,141	90,975	134,656	185,861
Vegetables	123,596	144,588	150,045	169,279	151,575	168,132
Potatoes, fall	18,436	20,232	23,003	31,395	22,402	32,127
Beans, snap, processing	4,589	10,158	6,067	6,730	7,941	10,099
Cabbage, fresh	2,921	3,249	3,713	5,520	4,601	4,234
Corn, sweet	23,971	25,240	28,440	NA	NA	NA
Fresh	23,630	24,487	27,812	36,608	30,122	43,790
Processing	341	753	628	NA	NA	NA
Tomatoes, fresh	14,553	25,364	26,163	21,896	26,208	20,099
Misc. vegetables	53,480	57,933	58,955	62,572	54,775	52,369
Cantaloups	1,927	2,412	3,704	3,943	4,824	3,390
Fruits/nuts	105,926	101,984	107,474	122,596	135,213	126,229
Apples	42,581	41,539	44,159	55,971	65,404	65,404
Fresh	20,148	19,204	21,184	29,702	38,800	38,800
Processing	22,434	22,335	22,975	26,270	26,604	26,604
Cherries	2,496	2,103	819	1,474	1,392	1,392
Sweet	802	1,043	NA	NA	NA	NA
Tart	1,694	1,060	819	1,474	1,392	1,392
Grapes	15,741	18,460	19,221	20,280	22,707	20,913
Peaches	23,397	16,114	19,011	19,454	17,524	17,524
Pears, Bartlett	3,414	2,482	1,254	2,706	2,869	2,869
Strawberries, spring	11,122	12,956	12,810	11,356	10,472	11,407
Other berries	5,710	6,865	7,690	8,845	11,145	6,000
Misc. fruits & nuts	1,465	1,465	2,510	2,510	3,700	720
All other crops	799,847	886,534	877,059	782,889	852,499	842,867
Maple products	1,425	1,740	1,922	2,145	1,738	3,830
Other seeds	786	435	1,985	2,585	3,195	3,195
Other field crops	38,620	36,320	34,890	35,375	40,740	32,665
Greenhouse/nursery	347,930	439,270	427,813	312,675	335,653	324,202
Floriculture	185,544	185,715	174,313	171,121	176,178	164,727
Nursery	113,771	NA	NA	113,919	NA	NA
Christmas trees	28,000	24,610	24,610	10,710	18,405	18,405
Other greenhouse	20,615	228,945	228,890	16,925	141,070	141,070
Mushrooms, agaricus	371,927	385,673	385,891	407,417	446,476	452,016

NA = not available. ¹ USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial. **Source: USDA, Economic Research Service.**

Pennsylvania: Cash Receipts from the Sale of Agricultural Crops, 2008

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
			1,000 Dols.		
Adams	30,457	2,162	76,100	7,826	116,545
Allegheny	1,031	3,855	69	15,954	20,909
Armstrong	10,414	785	64	27,073	38,336
Beaver	4,919	1,188	61	4,314	10,482
Bedford	18,036	628	3,794	260	22,718
Berks	43,503	3,300	5,630	124,625	177,058
Blair	16,711	1,439	531	1,859	20,540
Bradford	18,611	596	122	1,444	20,773
Bucks	12,176	3,492	935	23,614	40,217
Butler	14,446	4,160	92	10,258	28,956
Cambria	11,120	8,641	56	3,388	23,205
Cameron	236	26	48	-	310
Carbon	1,827	1,236	53	1,215	4,331
Centre	18,590	2,756	867	1,201	23,414
Chester	34,932	4,935	1,627	399,824	441,318
Clarion	7,412	3,418	35	1,013	11,878
Clearfield	3,021	81	132	2,104	5,338
Clinton	6,641	738	8	353	7,740
Columbia	16,631	5,970	800	9,916	33,317
Crawford	24,059	1,128	35	1,059	26,281
Cumberland	32,329	3,115	1,490	6,017	42,951
Dauphin	18,129	1,392	369	3,465	23,355
Delaware	752	164	71	16,837	17,824
Elk	888	263	5	-	1,156
Erie	18,288	9,144	27,288	14,077	68,797
Fayette	8,515	1,533	99	4,193	14,340
Forest	564	8	-	-	572
Franklin	42,285	6,531	15,413	2,655	66,884
Fulton	8,803	117	10	73	9,003
Greene	4,368	318	121	1,407	6,214
Huntingdon	11,233	1,409	750	40	13,432
Indiana	17,241	5,190	69	14,357	36,857
Jefferson	5,472	350	56	1,257	7,135
Juniata	13,013	670	143	717	14,543
Lackawanna	916	5,286	101	944	7,247
Lancaster	120,570	20,181	3,809	40,483	185,043
Lawrence	12,375	593	35	2,926	15,929
Lebanon	37,957	2,576	280	7,402	48,215
Lehigh	20,286	4,273	5,743	7,026	37,328
Luzerne	5,085	4,256	243	3,684	13,268
Lycoming	16,191	1,431	2,689	7,595	27,906
McKean	1,515	87	5	440	2,047
Mercer	25,299	1,784	46	11,228	38,357
Mifflin	12,711	498	592	662	14,463
Monroe	2,698	846	280	786	4,610
Montgomery	6,377	1,840	408	17,877	26,502
Montour	5,495	314	174	2,025	8,008
Northampton	22,871	1,585	1,089	3,214	28,759
Northumberland	24,431	3,641	519	2,762	31,353
Perry	17,411	1,176	291	393	19,271
Philadelphia	78	97	-	-	175
Pike	806	75	-	1,254	2,135
Potter	4,786	5,712	15	-	10,513
Schuylkill	13,684	14,279	2,162	1,444	31,569
Snyder	13,071	3,858	2,033	623	19,585
Somerset	16,019	1,402	59	2,444	19,924
Sullivan	1,821	73	17	-	1,911
Susquehanna	7,114	304	167	208	7,793
Tioga	6,919	375	5	274	7,573
Union	9,337	728	437	340	10,842
Venango	4,442	344	6	361	5,153
Warren	3,413	494	-	332	4,239
Washington	9,214	1,858	342	3,951	15,365
Wayne	3,950	257	80	733	5,020
Westmoreland	14,714	2,151	261	7,279	24,405
Wyoming	3,724	972	67	845	5,608
York	81,416	4,048	6,814	10,937	103,215
Northwestern	76,065	12,902	27,375	27,057	143,399
North Central	57,608	9,301	2,914	10,106	79,929
Northeastern	15,704	6,819	415	2,730	25,668
West Central	72,279	15,684	412	61,198	149,573
Central	190,904	32,573	7,694	29,495	260,666
East Central	67,257	26,550	9,570	18,623	122,000
Southwestern	53,861	11,117	951	35,228	101,157
South Central	213,326	16,601	103,621	27,768	361,316
Southeastern	256,345	36,585	12,760	630,662	936,352
Pennsylvania	1,003,349	168,132	165,712	842,867	2,180,060

Pennsylvania: Cash Receipts from the Sale of Livestock, Livestock Products, and Total Cash Receipts, 2008

County & District	Livestock & Products			USDA Government Payments	Total All Crops, Livestock Products and USDA Government Payments
	Poultry ¹ , Meat Animals & Miscellaneous Livestock	Dairy	Total Livestock & Products		
			1,000 Dols.		
Adams	105,199	28,049	133,248	2,303	252,096
Allegheny	1,420	636	2,056	36	23,001
Armstrong	5,855	11,112	16,967	595	55,898
Beaver	4,234	7,435	11,669	279	22,430
Bedford	18,320	55,502	73,822	2,369	98,909
Berks	101,232	83,989	185,221	4,084	366,363
Blair	12,372	62,281	74,653	1,475	96,668
Bradford	25,676	96,671	122,347	6,668	149,788
Bucks	5,377	7,097	12,474	1,028	53,719
Butler	6,871	14,233	21,104	777	50,837
Cambria	3,964	8,309	12,273	655	36,133
Cameron	199	338	537	29	876
Carbon	467	676	1,143	121	5,595
Centre	11,827	41,945	53,772	1,111	78,297
Chester	28,486	79,715	108,201	2,750	552,269
Clarion	5,462	12,027	17,489	350	29,717
Clearfield	2,352	6,361	8,713	329	14,380
Clinton	7,600	18,348	25,948	652	34,340
Columbia	11,907	12,603	24,510	1,499	59,326
Crawford	32,281	51,069	83,350	2,986	112,617
Cumberland	32,252	66,833	99,085	2,486	144,522
Dauphin	39,447	25,067	64,514	585	88,454
Delaware	216	-	216	-	18,040
Elk	1,149	1,372	2,521	76	3,753
Erie	6,164	21,310	27,474	1,483	97,754
Fayette	7,301	11,589	18,890	418	33,648
Forest	386	676	1,062	61	1,695
Franklin	102,183	172,708	274,891	3,210	344,985
Fulton	13,115	19,302	32,417	978	42,398
Greene	5,949	2,863	8,812	229	15,255
Huntingdon	19,001	46,060	65,061	1,918	80,411
Indiana	10,696	27,035	37,731	623	75,211
Jefferson	3,535	7,574	11,109	693	18,937
Junata	63,477	28,546	92,023	1,501	108,067
Lackawanna	2,407	4,234	6,641	256	14,144
Lancaster	475,235	397,325	872,560	6,671	1,064,274
Lawrence	6,576	18,587	25,163	719	41,811
Lebanon	124,436	93,411	217,847	2,391	268,453
Lehigh	3,412	4,413	7,825	884	46,037
Luzerne	3,044	4,453	7,497	859	21,624
Lycoming	14,052	22,582	36,634	1,054	65,594
McKean	1,656	4,433	6,089	319	8,455
Mercer	11,152	31,011	42,163	2,203	82,723
Mifflin	26,602	46,855	73,457	1,158	89,078
Monroe	787	318	1,105	183	5,898
Montgomery	4,051	5,407	9,458	146	36,106
Montour	7,627	6,341	13,968	285	22,261
Northampton	2,282	6,421	8,703	505	37,967
Northumberland	42,269	19,263	61,532	1,170	94,055
Perry	58,665	37,869	96,534	2,762	118,567
Philadelphia	38	-	38	-	213
Pike	188	676	864	240	3,239
Potter	5,152	17,414	22,566	925	34,004
Schuylkill	59,595	9,482	69,077	1,759	102,405
Snyder	93,178	27,016	120,194	1,112	140,891
Somerset	16,389	65,004	81,393	1,182	102,499
Sullivan	1,547	7,196	8,743	364	11,018
Susquehanna	9,980	39,519	49,499	2,382	59,674
Tioga	14,509	42,760	57,269	4,567	69,409
Union	44,232	33,238	77,470	762	89,074
Venango	3,222	5,526	8,748	487	14,388
Warren	4,430	14,253	18,683	748	23,670
Washington	13,144	14,054	27,198	1,901	44,464
Wayne	5,039	21,390	26,429	798	32,247
Westmoreland	9,718	22,940	32,658	1,411	58,474
Wyoming	2,818	10,595	13,413	911	19,932
York	77,053	38,883	115,936	1,922	221,073
Northwestern	57,635	123,845	181,480	7,968	332,847
North Central	71,540	211,114	282,654	14,654	377,237
Northeastern	20,244	75,738	95,982	4,347	125,997
West Central	43,229	98,003	141,232	4,036	294,841
Central	436,920	401,754	838,674	16,322	1,115,662
East Central	69,775	26,439	96,214	4,551	222,765
Southwestern	53,921	117,086	171,007	5,177	277,341
South Central	348,122	381,277	729,399	13,268	1,103,983
Southeastern	739,071	666,944	1,406,015	17,070	2,359,437
Pennsylvania	1,840,457	2,102,200	3,942,657	87,393	6,210,110

¹ Poultry combined with "Meat Animals & Miscellaneous Livestock" due to disclosure issues.

Farm Labor, 2008

By Tenopra M. Shepphard

For more detailed data, see the Census of Agriculture found at www.agcensus.usda.gov

Pennsylvania farmers voluntarily participate in quarterly agricultural labor surveys in April, July, and October. These surveys provide data concerning the number of hired farm workers, hours worked, and wage rates. The survey reference week is the seven-day period (Sunday through Saturday) which includes the 12th day of the month. Results for Pennsylvania are published as part of Northeast Region II, which includes Delaware, Maryland, and New Jersey.

The total number of workers hired by farm operators in the Northeast II Region during 2008 ranged between a low of

20,000 in January to a high of 35,000 in July. The average hours worked during the survey week by all hired workers varied from 35.8 hours in April 2008 to 41.5 hours in July 2008.

In 2008, all hired workers earned between \$10.00 per hour in April to \$11.31 per hour in January. During the same period, field workers' hourly wage rates ranged between \$9.66 in July to \$10.06 in January. In contrast, livestock workers' hourly wage rates ranged from \$8.68 in July to \$9.24 in October.

Northeast II: Hired Farm Labor, Quarterly, 2004-2008 ^{1 2 3}

Year & Survey Week	All Hired Workers				Wage Rates by Type of Worker			
	Total	Expected to be Employed		Hours Worked During the Week	Field	Livestock	Field & Livestock	All Hired Workers
		150 Days or More	149 Days or Less					
	<i>1,000 Workers</i>			<i>Hours</i>	<i>Dollars Per Hour</i>			
2004								
January 11-17	19	16	3	37.2	8.79	7.73	8.38	9.26
April 11-17	31	25	6	39.3	8.68	8.87	8.73	9.25
July 11-17	52	35	17	37.2	7.90	8.79	8.09	8.81
October 10-16	35	28	7	41.2	8.84	8.90	8.85	9.59
2005								
January 9-15	18	14	4	33.7	8.47	8.76	8.62	9.66
April 10-16	26	22	4	39.8	9.24	8.62	9.05	9.65
July 10-16	50	40	10	39.1	8.71	9.37	8.90	9.79
October 9-15	39	32	7	39.6	9.21	8.62	9.09	10.00
2006								
January 8-14	24	21	3	38.1	9.89	7.79	9.29	10.56
April 9-15	25	20	5	40.2	10.54	8.80	10.10	10.75
July 9-15	49	30	19	39.8	9.26	9.03	9.20	9.90
October 8-14	42	31	11	38.0	9.17	7.91	8.86	9.65
2007								
January 8-14 ⁴	-	-	-	-	-	-	-	-
April 8-14	33	25	8	37.1	10.34	8.56	9.80	10.55
July 8-14	36	26	10	42.0	9.62	10.04	9.74	10.78
October 7-13	38	30	8	41.8	9.81	9.86	9.82	10.63
2008								
January 6-12	20	18	2	38.4	10.06	8.90	9.50	11.31
April 6-12	31	24	7	35.8	9.71	8.77	9.42	10.00
July 6-12	35	20	15	41.5	9.66	8.68	9.50	10.10
October 12-18	33	21	12	36.8	9.67	9.24	9.57	10.25

¹ Northeast II Region includes DE, MD, NJ, and PA. ² Hired workers include field, livestock, supervisory, and other workers. ³ Farm labor excludes Agricultural Service Workers. ⁴ No Farm Labor Survey was conducted in January 2007.

Northeast II: Annual Average Wage Rates for Hired Workers, 2004-2008 ^{1 2}

Year	All Hired	Field	Field and Livestock
	<i>Dollars per Hour</i>		
2004	9.23	8.55	8.59
2005	9.78	8.91	8.92
2006	10.22	9.72	9.36
2007	10.62	9.88	9.70
2008	10.32	9.72	9.50

¹ Excludes Agricultural Service Workers. ² Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected for January, April, July, and October.