



Agricultural Prices

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January Prices Received Index Decreased 1.6 Percent

The January Prices Received Index (Agricultural Production), at 86.4, decreased 1.6 percent from December 2016. At 78.3, the Crop Production Index decreased 3.1 percent. At 96.6, the Livestock Production Index increased 2.3 percent. Producers received lower prices for market eggs, turkeys, tomatoes, and cauliflower but higher prices for cattle, hogs, broilers, and corn. Compared with a year earlier, the Prices Received Index is down 2.9 percent. The Crop Production Index decreased 1.5 percent and the Livestock Production Index declined 3.4 percent. In addition to prices, the indexes are influenced by the monthly mix of commodities producers market. Increased monthly movement of corn, soybeans, market eggs, and apples offset the decreased marketing of milk, hogs, cotton, and hay. The Food Commodities Index, at 93.5, increased 0.4 percent from the previous month but is down 2.5 percent from January 2016.

January Prices Paid Index Up 1.9 Percent

The January Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 106.5, is up 1.9 percent from December 2016 but is down 0.2 percent from January 2016. Higher prices in January for feeder pigs, other services, feeder cattle, and interest more than offset lower prices for milk cows, repairs, hay & forages, and complete feeds.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: January 2017 with Comparisons

Index Group	January 2016	December 2016	January 2017
	(percent)	(percent)	(percent)
Prices received by farmers	89.0	87.8	86.4
Prices paid by farmers	106.7	104.5	106.5
Ratio of prices received to prices paid	83	85	81

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January Prices Received by Farmers

The January Prices Received Index for agricultural production is 86.4 percent of its 2011 base, down 1.6 percent from the December 2016 index and is 2.9 percent below the January 2016 index.

Crop production: The January index, at 78.3, decreased 3.1 percent from December and is 1.5 percent below January 2016. The lower Other Crop Index more than offset the higher Grain & Oilseed Index.

Grain and oilseed: The January index, at 65.2, is up 2.0 percent from December but is 1.2 percent lower than January 2016. All subcomponent indexes are up.

Feed grain: The January index, at 56.9, is up 2.0 percent from last month but is down 7.3 percent from a year ago. The corn price, at \$3.40 per bushel, is up 7 cents from last month but is down 26 cents from January 2016. At \$4.81 per cwt, sorghum grain is 8 cents above December but is 79 cents below January a year earlier.

Food grain: At 62.9, the index for January is 3.6 percent higher than the previous month but is 15 percent below a year earlier. The January price for all wheat, at \$4.02 per bushel, is up 11 cents from December but is 80 cents below January 2016.

Oilseed: At 77.4, the index for January is up 1.0 percent from December and is 11 percent higher than January 2016. The soybean price, at \$9.71 per bushel, increased 7 cents from December and is \$1.00 above January a year earlier.

Fruit and tree nut: The January index, at 121.6, is up 1.7 percent from December but 2.6 percent lower than a year earlier. The price increase during January for oranges more than offset the lower grapefruit prices.

Vegetable and melon: At 101.1, the index for January is up 5.6 percent from the previous month but 22 percent below January 2016. Price increases during January for onions and broccoli more than offset price declines for tomatoes, cauliflower, and lettuce.

Other crop: The January index, at 79.4, is down 1.7 percent from the previous month but is 3.1 percent above January 2016. The all hay price, at \$124.00 per ton, is down \$2.00 from December and \$10.00 from January 2016. At 67.1 cents per pound, the price for upland cotton is down 0.5 cents from December but is 6.8 cents higher than January 2016.

Livestock production: The index for January, at 96.6, is 2.3 percent above the previous month but is down 3.4 percent from January a year earlier. Compared with a year ago, prices are higher for milk and hogs. Prices for cattle, market eggs, calves, broilers, and turkeys are down from a year earlier.

Meat animal: At 96.1, the January index is up 8.6 percent from the previous month but is 6.7 percent lower than January 2016. At \$48.10 per cwt, the January hog price is up \$5.00 from December and \$4.50 higher than a year earlier. The January beef cattle price of \$117.00 per cwt is up \$6.00 from the previous month but is \$13.00 lower than January 2016.

Dairy: The index for January, at 94.0, is up 0.5 percent from the previous month and 17 percent higher than January a year earlier. The January all milk price of \$18.90 per cwt is up 10 cents from December and \$2.80 from January 2016.

Poultry and egg: At 99.4, the January index is down 9.8 percent from December and is 13 percent lower than January 2016. The January market egg price, at 57.2 cents per dozen, decreased 44.8 cents from December and 39.7 cents from January 2016. The January broiler price, at 49.0 cents per pound, is up 1.0 cent from December but is down 2.0 cents from a year earlier. At 68.9 cents per pound, the January turkey price is down 5.5 cents from the previous month and 10.0 cents from January 2016.

Prices Received Indexes, 2011 Base – United States: January 2017 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group	2011 Base		
	January 2016	December 2016	January 2017
	(percent)	(percent)	(percent)
Agricultural production	89.0	87.8	86.4
Crop production	79.5	80.8	78.3
Grain and oilseed	66.0	63.9	65.2
Feed grain	61.4	55.8	56.9
Food grain	73.8	60.7	62.9
Oilseed	69.7	76.6	77.4
Fruit and tree nut	124.8	119.6	121.6
Vegetable and melon	128.8	95.7	101.1
Other crop	77.0	80.8	79.4
Livestock production	100.0	94.4	96.6
Meat animal	103.0	88.5	96.1
Cattle	115.4	97.3	102.3
Hog	65.6	64.8	72.3
Dairy	80.1	93.5	94.0
Poultry and egg	114.2	110.2	99.4
Food commodity	95.9	93.1	93.5

Prices Received Indexes, 1910-1914 Base – United States: January 2017 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group	1910 - 1914 Base		
	January 2016	December 2016	January 2017
	(percent)	(percent)	(percent)
Agricultural production	919	906	891
Crop production	694	705	683
Livestock production	1162	1096	1121

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2016 and 2017

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

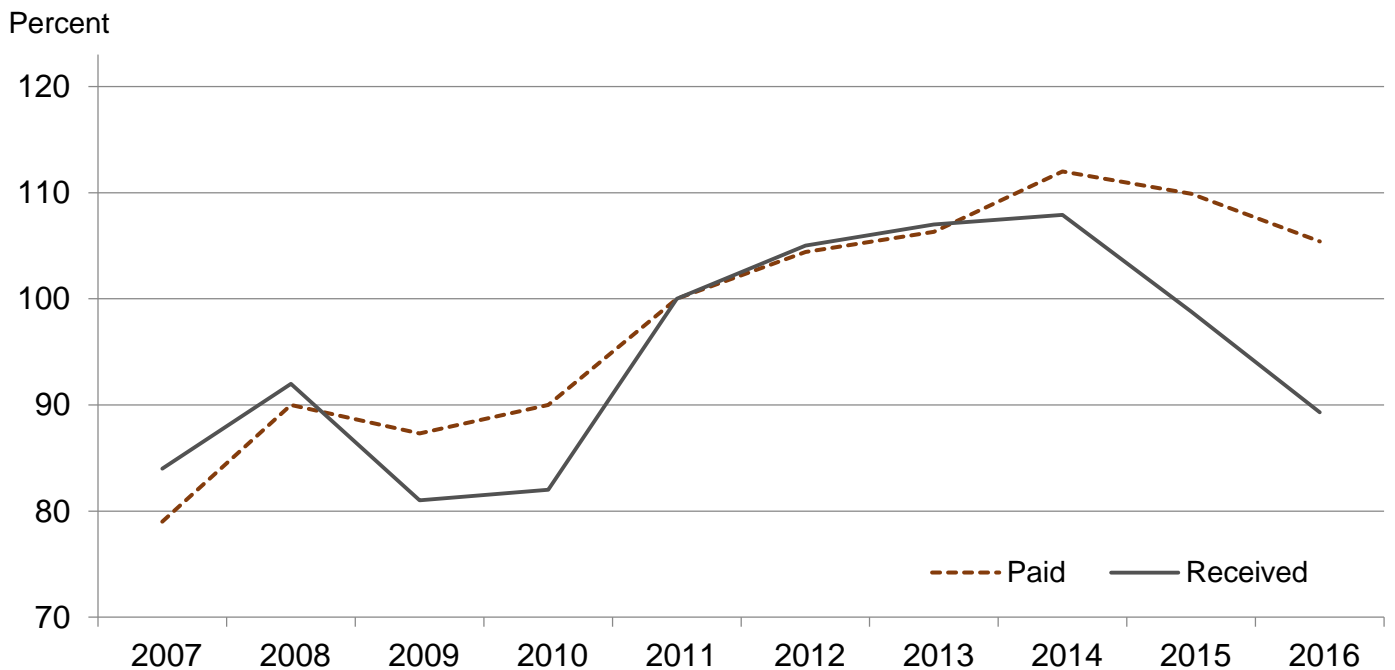
Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	89.0	86.4	79.5	78.3	100.0	96.6	95.9	93.5
February	92.5		83.6		99.2		97.4	
March	92.7		82.1		100.2		97.4	
April	92.7		85.6		97.5		96.5	
May	94.2		89.3		97.5		98.1	
June	93.0		86.3		98.2		96.7	
July	89.6		82.4		96.3		93.0	
August	89.4		83.6		94.1		92.9	
September	85.9		82.6		88.7		88.9	
October	80.3		78.5		82.4		83.5	
November	83.0		79.8		86.3		88.4	
December	87.8		80.8		94.4		93.1	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2016 and 2017

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

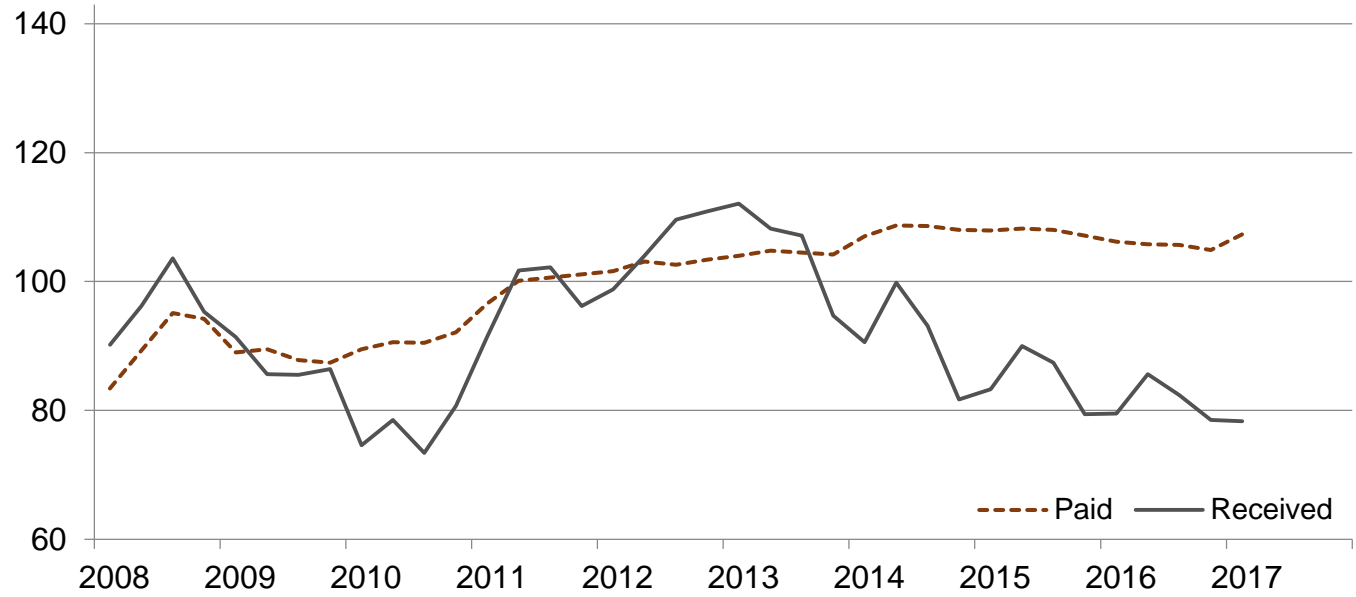
Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	106.7	106.5	105.7	104.3	106.2	107.3	107.3	105.6
February	106.3		105.2		105.7		107.0	
March	106.5		105.3		105.7		107.4	
April	106.1		104.9		105.8		106.6	
May	106.4		105.1		105.9		107.0	
June	106.8		105.6		106.1		107.6	
July	105.8		104.1		105.7		106.0	
August	105.2		103.3		105.2		105.2	
September	103.9		101.6		104.8		103.0	
October	103.3		100.6		104.9		101.7	
November	103.8		101.2		105.1		102.5	
December	104.5		102.1		105.3		103.6	

Received and Paid Indexes, Annual Average – United States: 2011=100



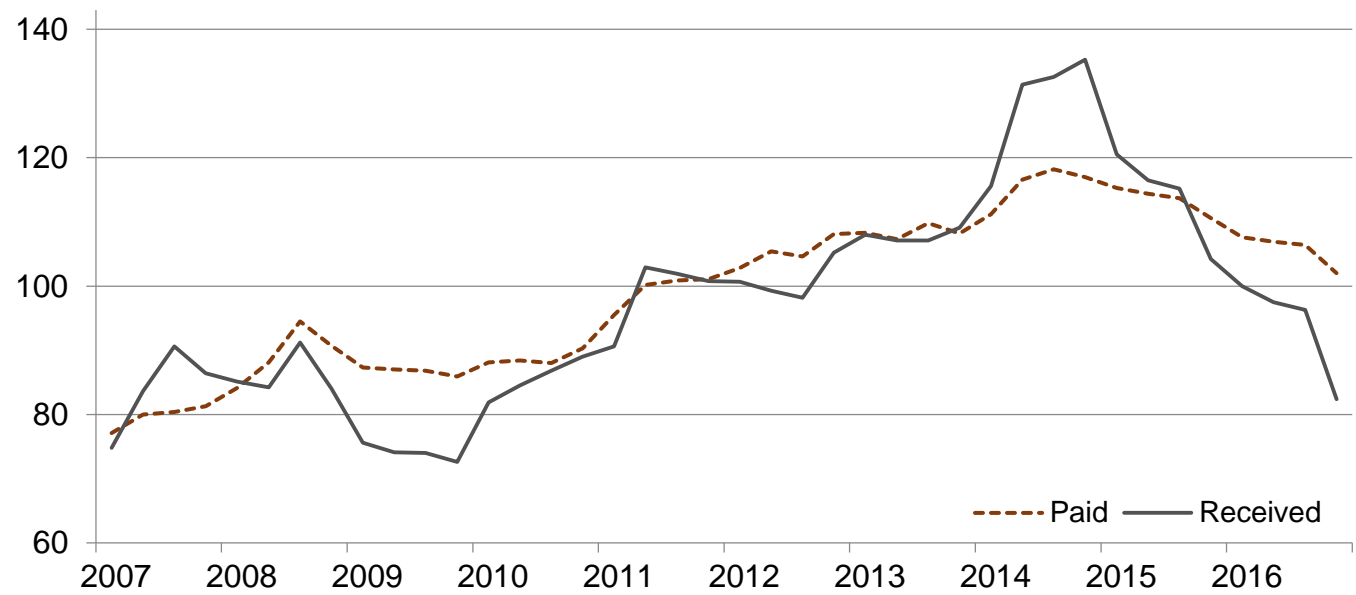
Crop Farm Received and Paid Indexes, All Items by Quarter – United States: 2011=100

Percent

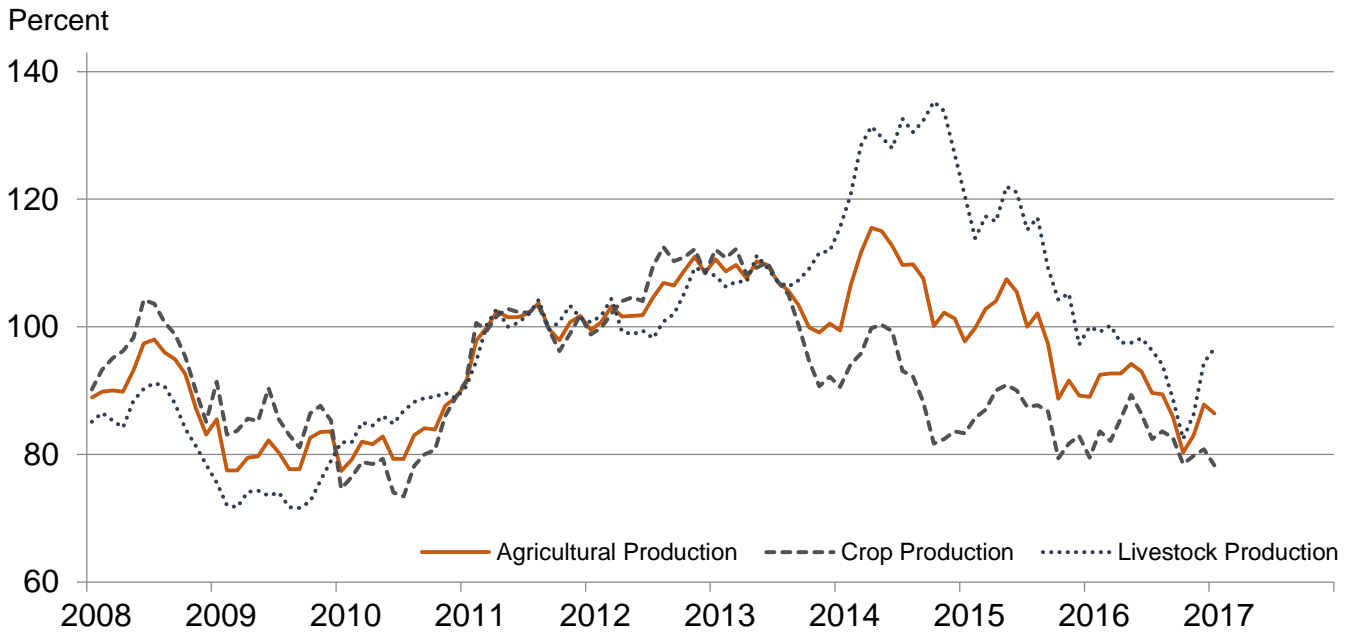


Livestock Farm Received and Paid Indexes, All Items by Quarter – United States: 2011=100

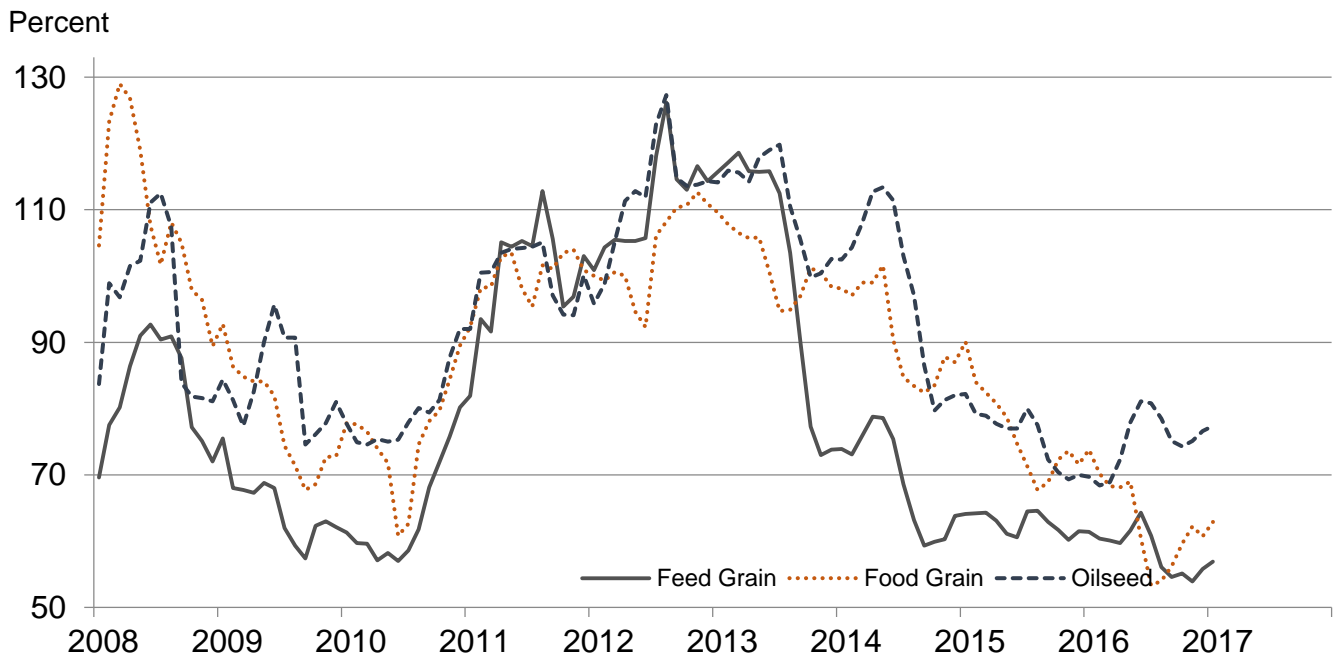
Percent



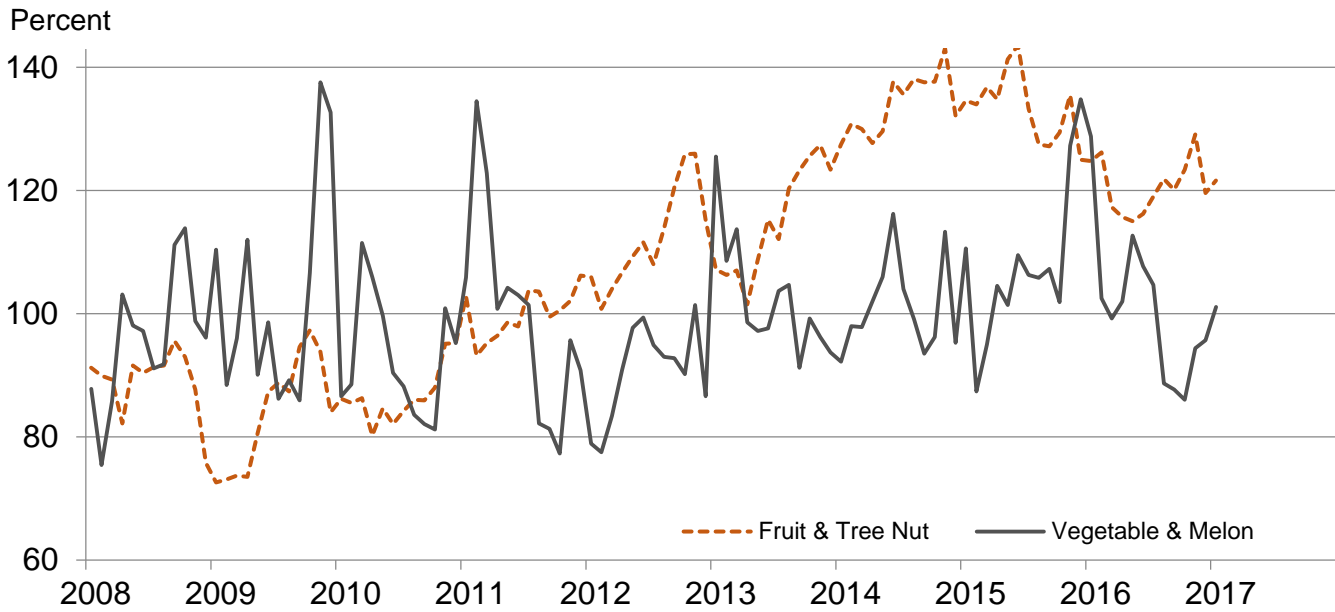
Received Indexes by Sector and Month, Agricultural, Crop, and Livestock Production – United States: 2011=100



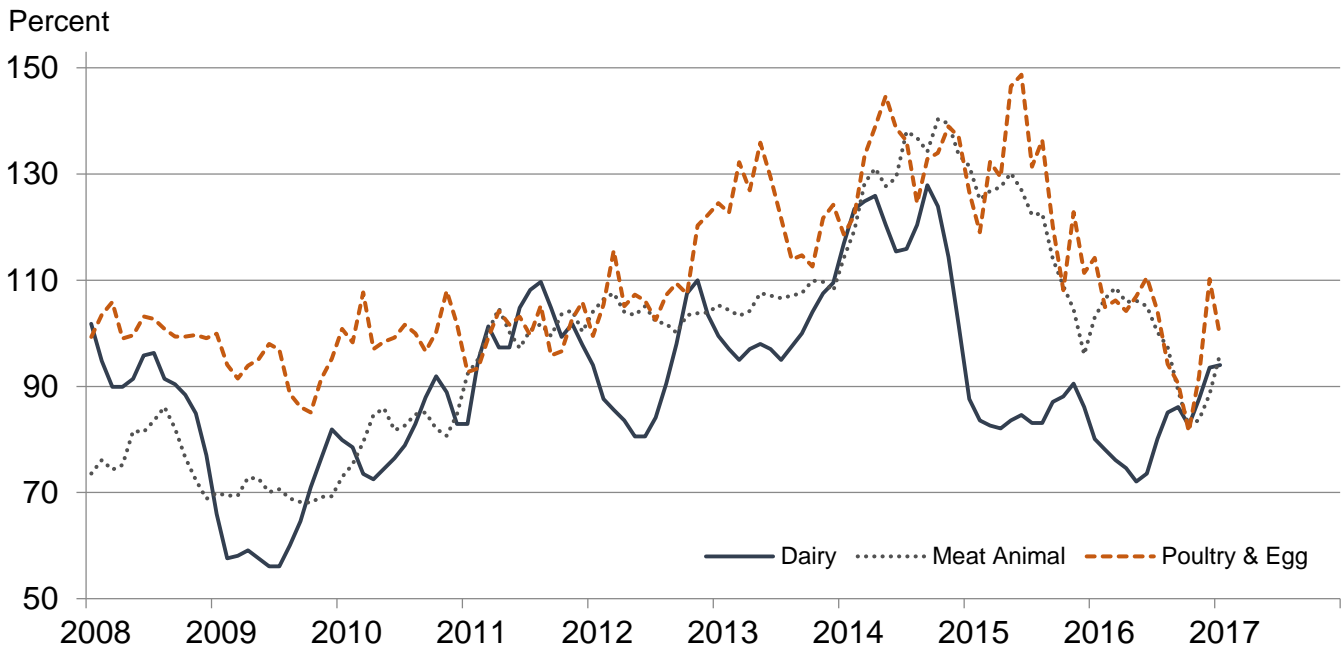
Received Indexes by Month, Feed Grain, Food Grain, and Oilseed – United States: 2011=100



**Received Indexes by Month,
Fruit & Tree Nut and Vegetable & Melon –
United States: 2011=100**



**Received Indexes by Month,
Dairy, Meat Animal, and Poultry & Egg –
United States: 2011=100**



Prices Received for Field Crops and Fruits – United States: January 2017 with Comparisons

Commodity	2011 Base Price	January 2016	December 2016	January 2017
Field crops				
Austrian winter peas	dollars/cwt	19.50	(D)	(D)
Barley, all	dollars/bushel	4.79	5.47	5.12
Feed	dollars/bushel	4.59	3.14	2.87
Malting	dollars/bushel	4.83	5.68	5.32
Beans, dry edible	dollars/cwt	34.60	28.40	30.90
Canola	dollars/cwt	23.10	13.80	17.10
Chickpeas, all	dollars/cwt	35.70	28.80	32.20
Large	dollars/cwt	39.20	34.00	33.70
Small	dollars/cwt	23.40	22.20	29.00
Corn	dollars/bushel	6.02	3.66	3.33
Cotton, Upland	dollars/pound	0.880	0.603	0.676
Cottonseed	dollars/ton	131.00	227.00	197.00
Flaxseed	dollars/bushel	14.20	8.46	7.59
Hay, all, baled	dollars/ton	159.00	134.00	126.00
Alfalfa	dollars/ton	176.00	141.00	129.00
Other	dollars/ton	119.00	124.00	120.00
Lentils	dollars/cwt	27.50	31.60	31.50
Oats	dollars/bushel	3.42	1.93	2.35
Peanuts, in-shell	dollars/pound	0.252	0.193	0.185
Peas, dry edible	dollars/cwt	13.60	13.20	11.20
Potatoes	dollars/cwt	9.78	8.63	8.47
Rice, all	dollars/cwt	13.70	13.30	10.30
Long	dollars/cwt	12.30	11.60	9.70
Medium and short	dollars/cwt	18.40	16.60	12.30
Sorghum grain	dollars/cwt	10.70	5.60	4.73
Soybeans	dollars/bushel	12.50	8.71	9.64
Sunflowers, all	dollars/cwt	29.00	20.10	17.20
Wheat, all	dollars/bushel	7.44	4.82	3.91
Winter	dollars/bushel	6.93	4.63	3.40
Durum	dollars/bushel	9.22	6.60	6.27
Other spring	dollars/bushel	8.33	4.81	4.69
Hard red winter	dollars/bushel	7.07	4.37	3.11
Soft red winter	dollars/bushel	6.77	4.48	3.91
Hard red spring	dollars/bushel	8.38	4.77	4.75
White	dollars/bushel	6.58	5.48	4.00
Fruits				
Citrus, equivalent on-tree				
Grapefruit	dollars/box	7.47	10.70	12.15
Lemons	dollars/box	12.30	23.05	21.36
Oranges	dollars/box	8.16	8.96	9.59
Non-citrus, fresh				
Apples ¹	dollars/pound	0.325	0.447	0.394
Grapes ¹	dollars/ton	628.00	(S)	2,370.00
Peaches ¹	dollars/ton	507.00	(S)	(S)
Pears ¹	dollars/ton	559.00	844.00	756.00
Strawberries	dollars/cwt	104.00	195.00	154.00

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

¹ Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received for Vegetables and Livestock – United States: January 2017 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	January 2016	December 2016	January 2017
Vegetables, fresh ¹				
Asparagus	dollars/cwt	37.50	(D)	(S)
Beans, snap	dollars/cwt	69.00	95.90	50.60
Broccoli	dollars/cwt	41.60	50.80	34.80
Cantaloupes	dollars/cwt	16.50	(NA)	(NA)
Carrots	dollars/cwt	30.80	34.40	27.90
Cauliflower	dollars/cwt	47.00	59.10	81.10
Celery	dollars/cwt	22.50	67.20	17.30
Corn, sweet	dollars/cwt	30.70	43.80	37.50
Cucumbers	dollars/cwt	18.70	35.00	18.70
Lettuce	dollars/cwt	24.30	42.00	30.20
Onions ²	dollars/cwt	11.90	14.40	6.43
Tomatoes	dollars/cwt	51.20	108.00	29.40
Livestock				
Calves	dollars/cwt	142.00	196.00	148.00
Cattle, all beef	dollars/cwt	115.00	130.00	111.00
Cows ³	dollars/cwt	71.60	74.20	61.10
Steers and heifers	dollars/cwt	117.00	132.00	113.00
Milk cows ⁴	dollars/head	1,420.00	1,830.00	(NA)
Hogs, all	dollars/cwt	66.50	43.60	43.10
Barrows and gilts	dollars/cwt	66.80	44.00	43.60
Sows	dollars/cwt	57.90	31.50	27.60
Dairy and poultry				
Milk, all ⁵	dollars/cwt	20.10	16.10	18.80
Fat test	percent	3.71	3.89	3.95
Broilers, live ⁶	dollars/pound	0.459	0.510	0.480
Eggs, all ⁷	dollars/dozen	0.969	1.18	1.21
Market ^{7 8}	dollars/dozen	0.796	0.969	1.02
Turkeys, live ⁹	dollars/pound	0.680	0.789	0.744
Adjusted for seasonal variation				
Eggs, all	dollars/dozen			

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Point of first sale.

² Includes some processing.

³ Beef cows and cull dairy cows sold for slaughter.

⁴ Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

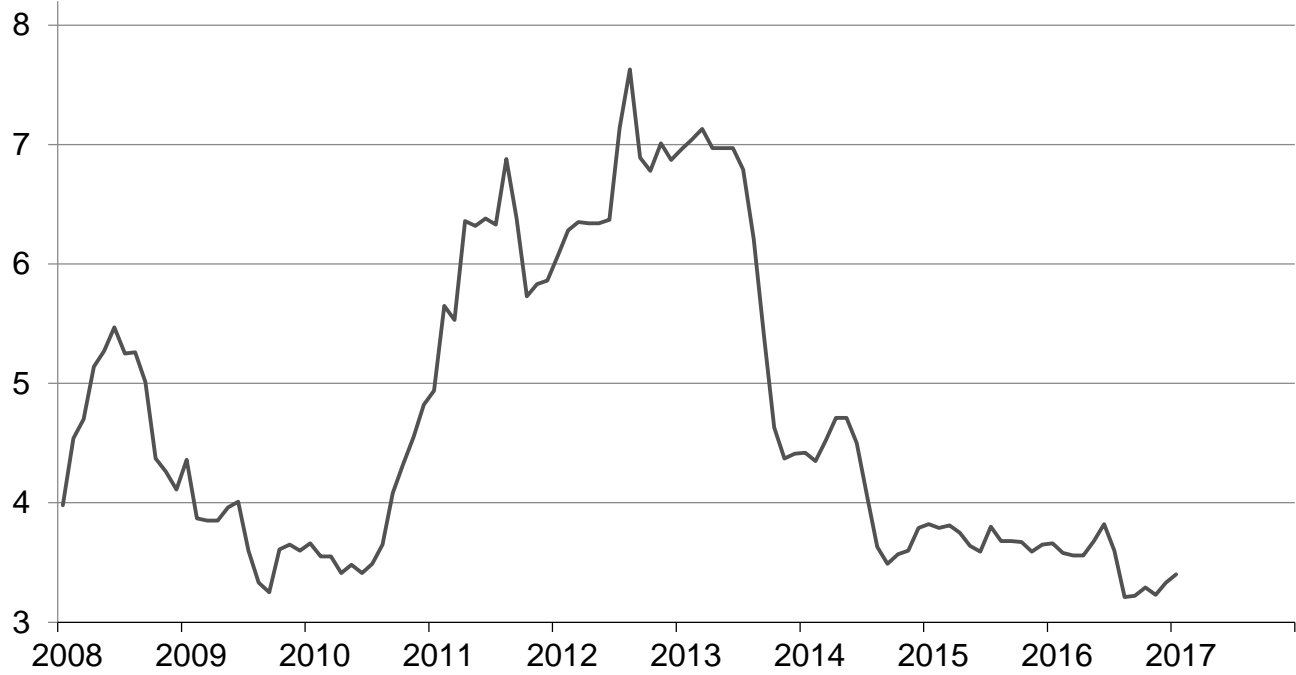
⁷ Mid-month price.

⁸ Also referred to as table eggs.

⁹ Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

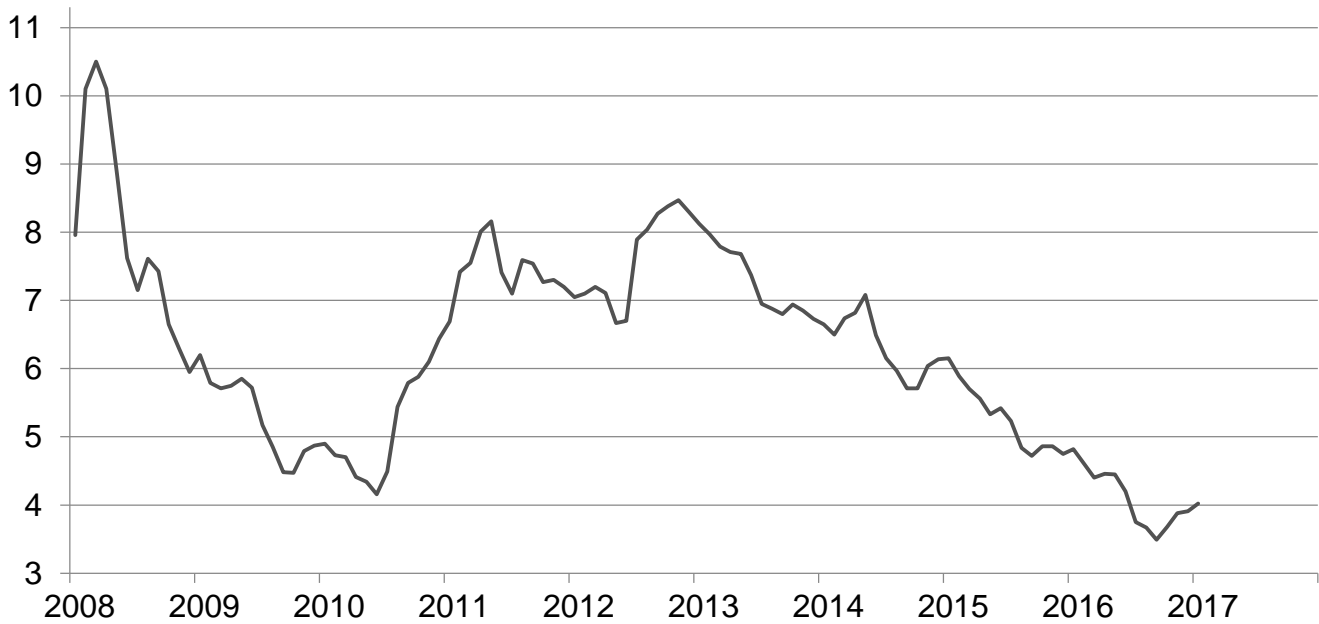
Prices Received for Corn by Month – United States

Dollars per bushel



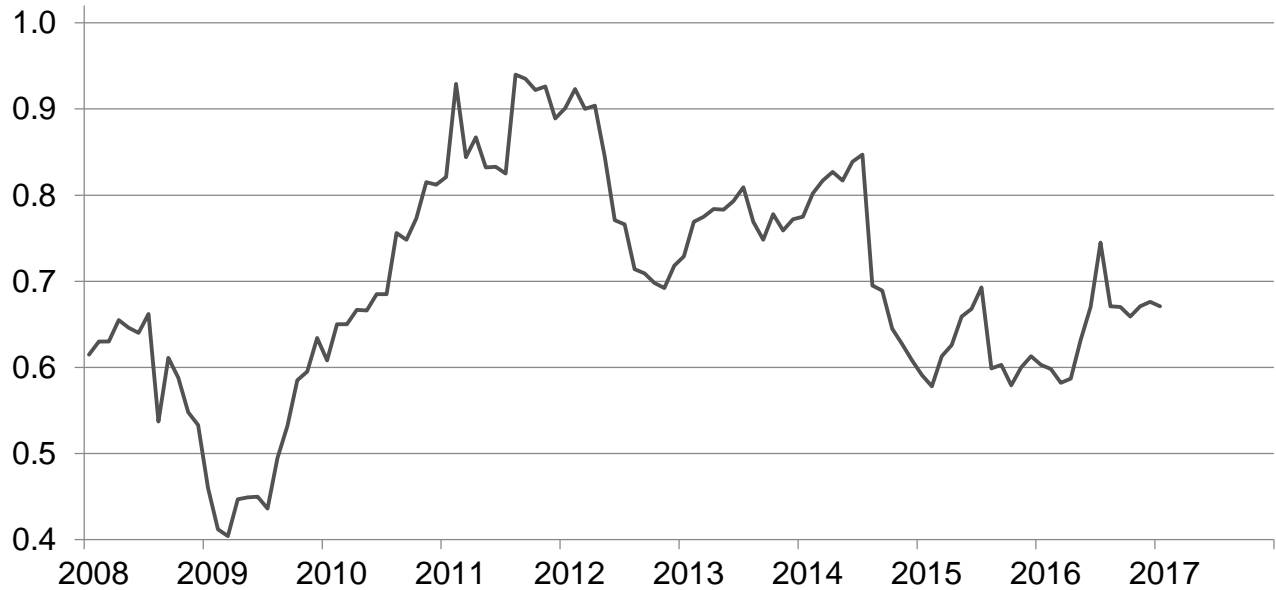
Prices Received for Wheat by Month – United States

Dollars per bushel



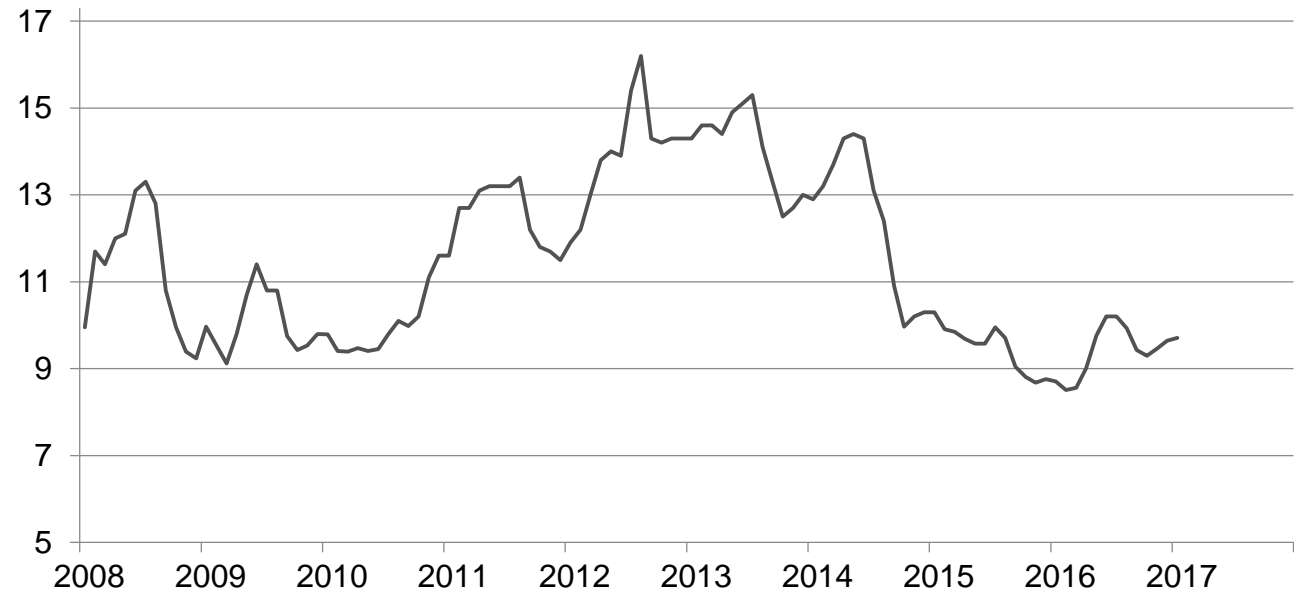
Prices Received for Upland Cotton by Month – United States

Dollars per pound



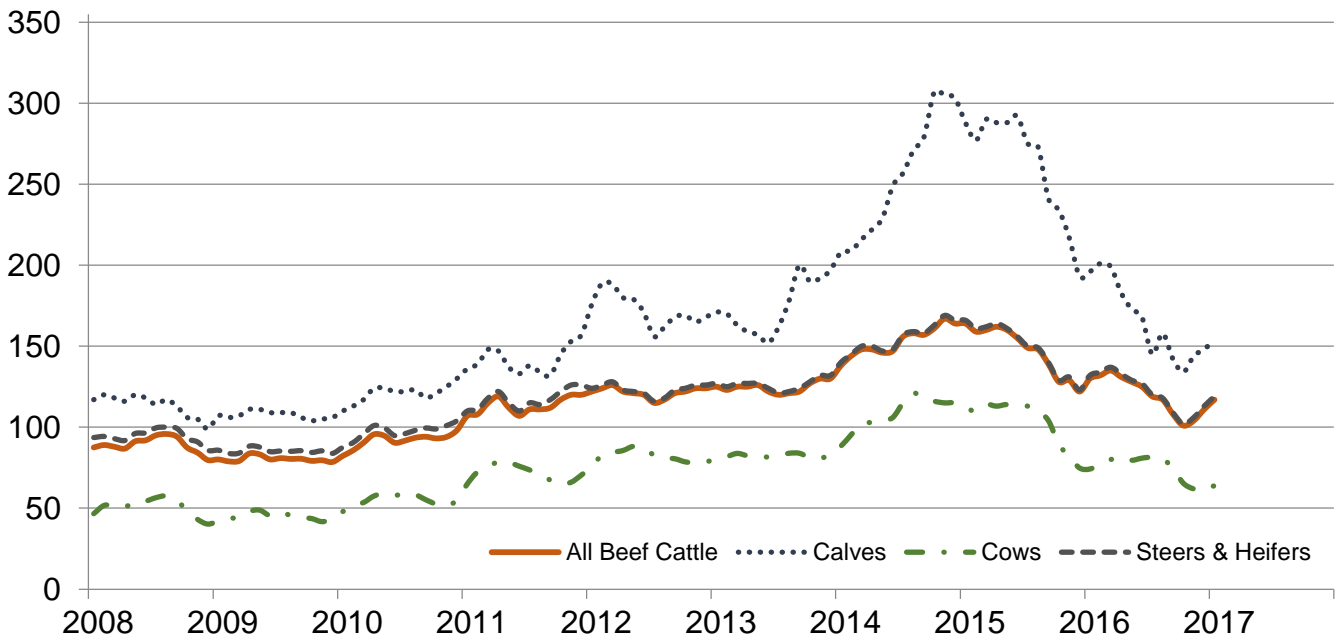
Prices Received for Soybeans by Month – United States

Dollars per bushel



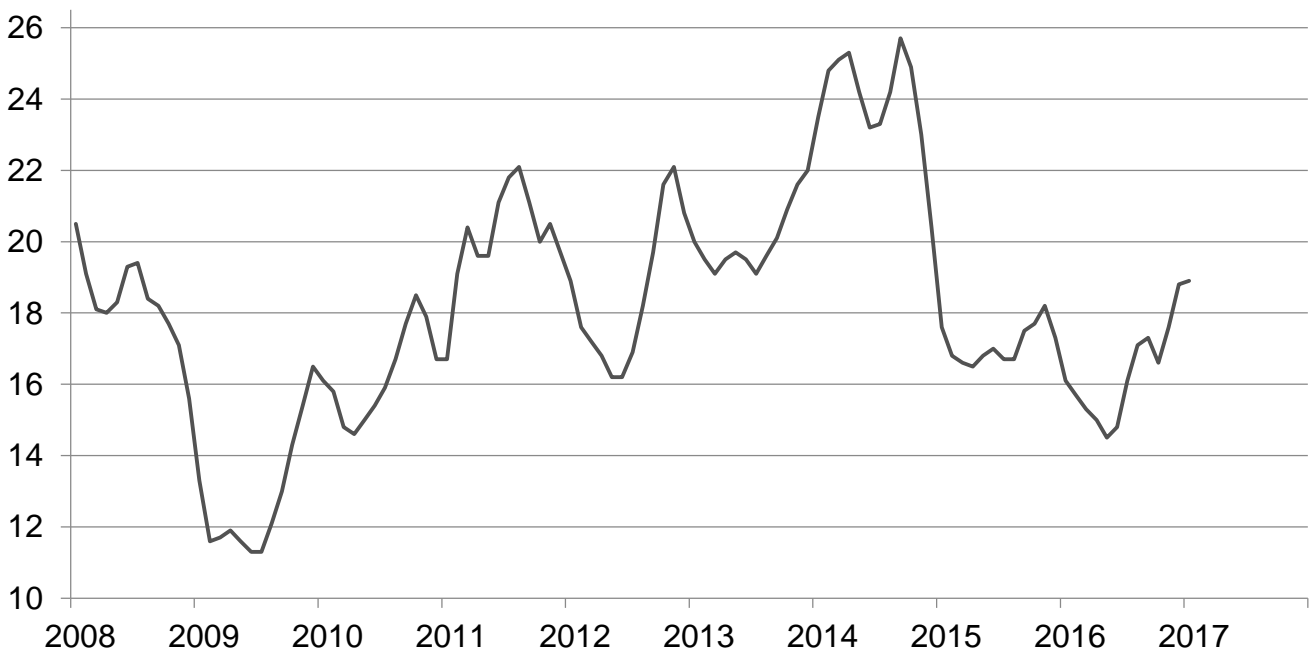
Prices Received for Cattle by Month – United States

Dollars per cwt



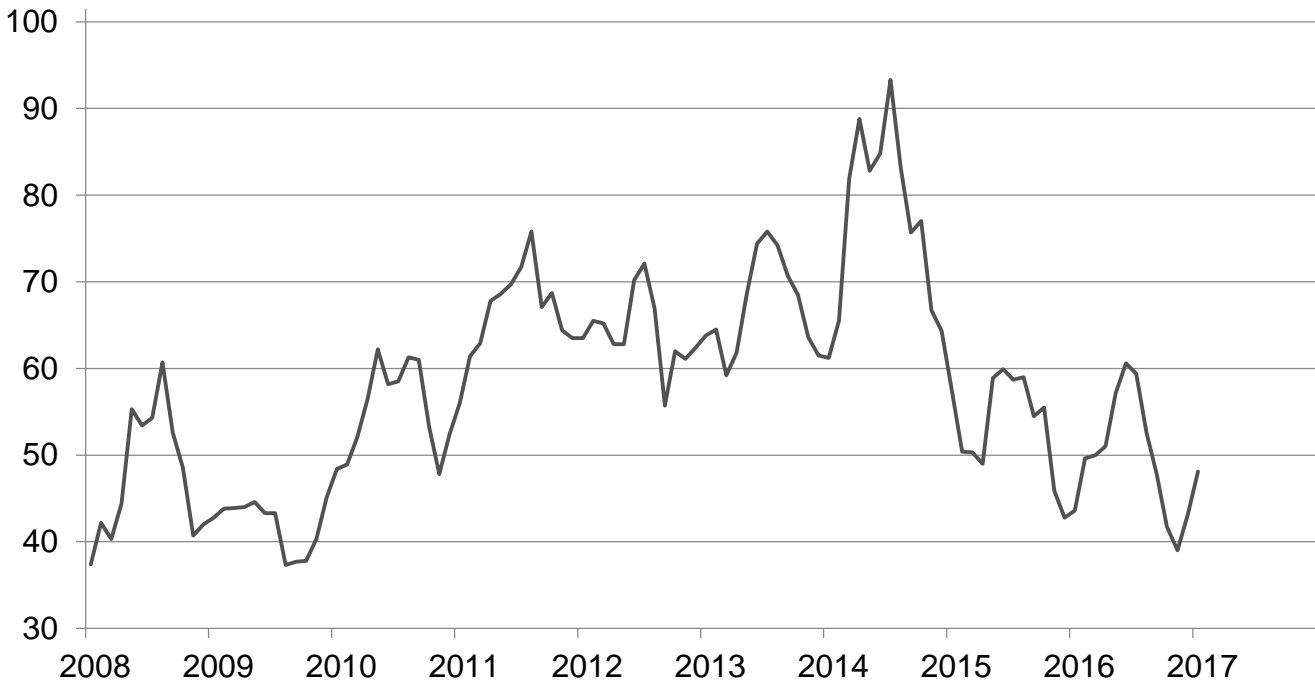
Prices Received for Milk by Month – United States

Dollars per cwt



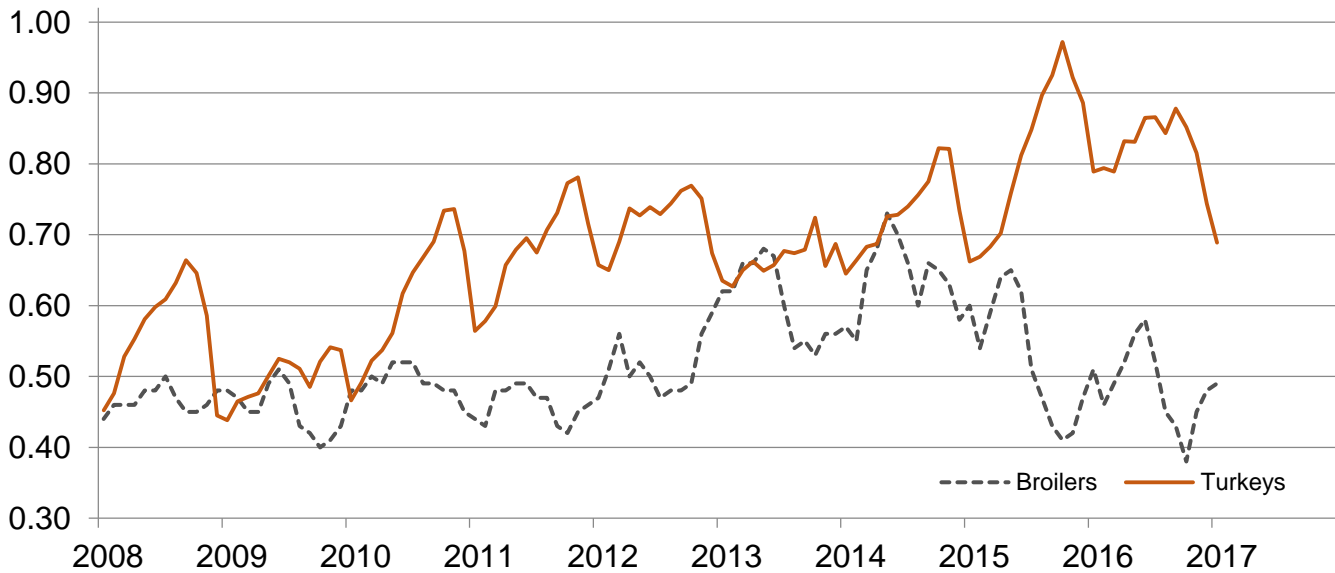
Prices Received for Hogs by Month – United States

Dollars per cwt



Prices Received for Poultry by Month – United States

Dollars per pound



Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2017 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month	All wheat			Corn			Soybeans		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January	6.15	4.82	4.02	3.82	3.66	3.40	10.30	8.71	9.71
February	5.89	4.61		3.79	3.58		9.91	8.51	
March	5.70	4.40		3.81	3.56		9.85	8.56	
April	5.56	4.46		3.75	3.56		9.69	9.01	
May	5.33	4.45		3.64	3.68		9.58	9.76	
June	5.42	4.20		3.59	3.82		9.58	10.20	
July	5.23	3.75		3.80	3.60		9.95	10.20	
August	4.84	3.67		3.68	3.21		9.71	9.93	
September	4.72	3.49		3.68	3.22		9.05	9.43	
October	4.86	3.68		3.67	3.29		8.81	9.30	
November	4.86	3.88		3.59	3.23		8.68	9.46	
December	4.75	3.91		3.65	3.33		8.76	9.64	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2017 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle ¹			All hogs ²		
	2015	2016	2017	2015	2016	2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	164.00	130.00	117.00	57.40	43.60	48.10
February	159.00	132.00		50.40	49.60	
March	160.00	135.00		50.30	50.00	
April	162.00	131.00		49.00	51.00	
May	160.00	128.00		58.90	57.20	
June	155.00	125.00		59.90	60.60	
July	149.00	119.00		58.70	59.40	
August	148.00	117.00		59.00	52.60	
September	139.00	108.00		54.50	47.80	
October	128.00	101.00		55.50	41.70	
November	129.00	104.00		45.90	39.00	
December	122.00	111.00		42.80	43.10	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(D)	(D)
California	5.40	(D)	(D)
Colorado	4.06	2.75	2.95
Idaho	4.95	3.97	4.01
Illinois	3.67	3.66	4.13
Indiana	4.59	3.98	3.95
Kansas	4.35	2.88	3.18
Michigan	5.15	4.13	4.09
Minnesota	4.80	4.71	4.79
Missouri	3.55	3.78	3.84
Montana	5.05	4.52	4.47
Nebraska	4.06	2.69	2.98
North Carolina	5.46	4.76	4.58
North Dakota	4.99	4.83	4.84
Ohio	4.41	3.96	4.04
Oklahoma	4.34	3.10	3.39
Oregon	5.31	4.56	4.50
South Dakota	4.81	4.20	4.37
Texas	3.61	3.18	3.26
Washington	5.60	4.13	4.20
United States	4.82	3.91	4.02

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Winter Wheat – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	(D)
California	5.40	(D)	(D)
Colorado	4.05	2.75	2.95
Idaho	4.87	3.77	3.85
Illinois	3.67	3.66	4.13
Indiana	4.59	3.98	3.95
Kansas	4.35	2.88	3.18
Michigan	5.15	4.13	4.09
Minnesota	(D)	(D)	4.13
Missouri	3.55	3.78	3.84
Montana	4.80	3.95	4.09
Nebraska	4.06	2.69	2.98
North Carolina	5.46	4.76	4.58
North Dakota	3.42	3.70	3.54
Ohio	4.41	3.96	4.04
Oklahoma	4.34	3.10	3.39
Oregon	5.31	4.42	4.37
South Dakota	4.23	3.42	3.78
Texas	3.61	3.18	3.26
Washington	5.59	4.07	4.10
United States	4.63	3.40	3.53

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Durum Wheat – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(S)	(D)	(D)
Idaho	(S)	(D)	(D)
Montana	(D)	5.75	6.07
North Dakota	6.40	6.14	5.83
United States	6.60	6.27	6.02

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Spring Wheat – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	(D)	(D)	(D)
Idaho	5.15	4.35	4.36
Minnesota	4.81	4.71	4.79
Montana	4.89	4.77	4.67
North Dakota	4.64	4.70	4.74
Oregon	5.34	5.23	5.09
South Dakota	4.94	4.89	4.97
Washington	5.68	4.45	4.74
United States	4.81	4.69	4.76

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Oats – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(D)	(D)
Iowa	2.62	2.63	3.00
Michigan	2.53	(D)	2.68
Minnesota	2.31	2.14	2.06
Montana	(D)	(D)	(D)
Nebraska	(D)	2.59	(D)
New York	(S)	(D)	(D)
North Dakota	2.32	(D)	2.22
Oregon	(S)	(S)	(S)
Pennsylvania	(D)	2.52	2.73
South Dakota	2.10	1.97	2.21
Texas	(S)	(S)	(S)
Wisconsin	1.48	1.93	2.54
United States	1.93	2.35	2.31

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for All Barley – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(D)
Colorado	6.24	5.63	(D)
Idaho	5.69	5.08	5.19
Minnesota	4.99	4.14	4.37
Montana	5.88	5.19	5.10
North Dakota	4.76	5.10	4.63
Oregon ¹	(D)	(NA)	(NA)
Utah ¹	3.48	(NA)	(NA)
Washington	3.19	2.39	2.89
Wyoming	(D)	(D)	(D)
United States	5.47	5.12	4.91

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

¹ Monthly estimates discontinued in July 2016.

Prices Received for Malting Barley – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	6.04	5.19	5.86
Minnesota	5.03	(D)	(D)
Montana	5.97	5.22	5.13
North Dakota	4.95	5.50	4.81
Wyoming	(D)	(D)	(D)
United States	5.68	5.32	5.19

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Feed Barley – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	3.22	2.67	2.71
Minnesota	3.54	(D)	(D)
Montana	2.66	2.38	2.38
North Dakota	2.41	2.62	2.55
Wyoming	(S)	(S)	(S)
United States	3.14	2.87	2.61

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Sorghum Grain – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas	7.30	(D)	(D)
Illinois ¹	6.96	(NA)	(NA)
Kansas	5.43	4.54	4.69
Louisiana	(D)	5.82	(D)
Missouri	6.17	5.21	5.04
Nebraska	5.68	4.99	5.00
Oklahoma	5.98	4.81	4.79
Texas	5.94	5.63	5.85
United States	5.60	4.73	4.81

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

¹ Monthly estimates discontinued in September 2016.

Prices Received for Corn – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	3.78	3.51	3.33
Illinois	3.73	3.47	3.47
Indiana	3.97	3.57	3.65
Iowa	3.55	3.27	3.34
Kansas	3.61	3.05	3.20
Kentucky	3.95	3.80	3.79
Michigan	3.65	3.33	3.45
Minnesota	3.44	3.21	3.21
Missouri	3.73	3.44	3.43
Nebraska	3.58	3.28	3.31
North Carolina	4.40	4.20	4.26
North Dakota	3.23	3.00	2.99
Ohio	3.90	3.57	3.65
Pennsylvania	3.87	4.05	4.02
South Dakota	3.27	3.03	3.08
Tennessee	4.00	3.72	3.83
Texas	4.43	3.71	3.84
Wisconsin	3.51	3.16	3.27
United States	3.66	3.33	3.40

Prices Received for Soybeans – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	9.10	9.97	10.20
Illinois	8.98	9.96	9.93
Indiana	8.93	9.90	9.96
Iowa	8.46	9.58	9.58
Kansas	8.25	9.39	9.41
Kentucky	9.23	9.97	10.00
Louisiana	9.65	10.00	10.00
Michigan	8.58	9.76	9.78
Minnesota	8.32	9.28	9.38
Mississippi	9.37	10.00	10.20
Missouri	8.97	9.70	9.78
Nebraska	8.42	9.37	9.33
North Carolina	8.06	9.86	9.90
North Dakota	8.22	8.94	9.20
Ohio	9.15	9.89	9.95
South Dakota	8.34	9.17	9.23
Tennessee	9.29	9.99	10.00
Wisconsin	8.69	9.49	9.65
United States	8.71	9.64	9.71

Prices Received for Dry Beans – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	69.30	60.50	80.10
Colorado	28.20	28.80	30.70
Idaho	33.80	29.90	28.10
Michigan	28.50	31.80	32.40
Minnesota	35.70	30.20	31.30
Nebraska	(D)	(D)	(D)
North Dakota	21.70	28.70	28.50
United States	28.40	30.90	30.70

(D) Withheld to avoid disclosing data for individual operations.

Prices Received for Peanuts (in shell) – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.172	0.187	0.188
Arkansas ¹	(NA)	(D)	0.183
Florida	0.157	0.185	0.195
Georgia	0.195	0.181	0.187
Mississippi	0.052	0.165	0.171
New Mexico	0.209	(S)	0.193
North Carolina	0.142	(D)	0.214
Oklahoma	0.209	0.205	0.214
South Carolina	0.176	0.184	0.200
Texas	0.217	0.204	0.230
Virginia	(S)	0.187	0.206
United States	0.193	0.185	0.195

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Monthly estimates began in August 2016.

Prices Received for Sunflower – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Colorado ¹	(D)	(NA)	(NA)
Kansas	20.60	15.60	(D)
Minnesota	20.10	18.70	20.20
North Dakota	20.50	17.80	16.80
South Dakota	18.60	16.50	17.80
United States	20.10	17.20	17.20

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

¹ Monthly estimates discontinued in September 2016.

Prices Received for Canola – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana ¹	(NA)	(D)	(D)
North Dakota	13.80	17.10	17.30
Oklahoma ¹	(NA)	(S)	(S)
United States	13.80	17.10	17.30

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Monthly estimates began in September 2016.

Prices Received for Flaxseed – States and United States: January 2017 with Comparisons

State	January 2016	December 2016	January 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	8.46	7.59	8.26
United States	8.46	7.59	8.26

Prices Received for Upland Cotton and Cottonseed – States and United States: January 2017 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	January 2016	December 2016	January 2017	January 2016	December 2016	January 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.648	0.681	0.681	192.00	169.00	180.00
Arizona	0.612	(D)	(D)	317.00	220.00	230.00
Arkansas	0.645	(D)	0.668	(S)	(S)	(S)
California	(D)	(S)	(D)	(S)	(D)	(S)
Georgia	0.666	0.712	0.705	197.00	169.00	175.00
Louisiana	0.696	0.674	0.680	(S)	(S)	(S)
Mississippi	0.757	0.674	0.684	(S)	(D)	(S)
North Carolina	0.619	0.651	0.690	(S)	(D)	(S)
Tennessee	0.606	0.683	0.689	(S)	(S)	(S)
Texas	0.566	0.664	0.665	229.00	198.00	199.00
United States	0.603	0.676	0.671	227.00	197.00	199.00

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received and Marketings for Upland Cotton and Rice – United States: January 2017 with Comparisons

Item	January 2016	December 2016	January 2017
Cotton, Upland			
Average price dollars/pound	0.603	0.676	0.671
Marketings ¹ 1,000 bales	1,602	1,926	2,826
Rice, all			
Average price dollars/cwt	13.30	10.30	10.80
Marketings ² 1,000 cwt	17,810	17,177	19,163
Rice, long			
Average price dollars/cwt	11.60	9.70	9.67
Marketings ² 1,000 cwt	11,694	13,323	12,909
Rice, medium and short			
California			
Average price dollars/cwt	18.50	13.30	13.80
Other States ³			
Average price dollars/cwt	11.40	10.50	10.30
United States			
Average price dollars/cwt	16.60	12.30	13.10
Marketings ² 1,000 cwt	6,116	3,854	6,254

¹ Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

² Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

³ Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

Prices Received for Hay by Type – States and United States: January 2017 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	January 2016	December 2016	January 2017	January 2016	December 2016	January 2017	January 2016	December 2016	January 2017
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Arizona	162.00	150.00	150.00	160.00	150.00	150.00	200.00	155.00	155.00
California	153.00	146.00	154.00	165.00	150.00	160.00	120.00	130.00	135.00
Colorado	159.00	151.00	151.00	160.00	150.00	150.00	150.00	160.00	160.00
Idaho	168.00	122.00	123.00	170.00	120.00	120.00	150.00	150.00	150.00
Illinois	149.00	140.00	142.00	165.00	160.00	160.00	110.00	95.00	95.00
Iowa	116.00	93.00	89.00	122.00	99.00	94.00	101.00	85.00	80.00
Kansas	99.00	86.00	87.00	106.00	90.00	92.00	77.00	76.00	73.00
Kentucky	142.00	135.00	135.00	225.00	220.00	220.00	115.00	110.00	110.00
Michigan	143.00	132.00	131.00	150.00	150.00	155.00	125.00	125.00	120.00
Minnesota	90.00	81.00	74.00	100.00	93.00	84.00	67.00	59.00	55.00
Missouri	97.00	92.00	94.00	170.00	160.00	155.00	80.00	75.00	80.00
Montana	114.00	130.00	133.00	115.00	130.00	135.00	110.00	130.00	125.00
Nebraska	85.00	76.00	76.00	87.00	79.00	79.00	80.00	68.00	68.00
Nevada	151.00	144.00	149.00	150.00	145.00	150.00	160.00	125.00	125.00
New Mexico	179.00	161.00	161.00	185.00	165.00	165.00	145.00	135.00	135.00
New York	180.00	191.00	157.00	225.00	221.00	196.00	178.00	189.00	155.00
North Dakota	78.00	80.00	93.00	82.00	80.00	95.00	56.00	72.00	63.00
Ohio	143.00	135.00	121.00	170.00	175.00	155.00	130.00	110.00	100.00
Oklahoma	92.00	122.00	122.00	161.00	160.00	151.00	86.00	75.00	85.00
Oregon	186.00	145.00	158.00	200.00	150.00	165.00	170.00	140.00	150.00
Pennsylvania	210.00	178.00	183.00	215.00	199.00	192.00	209.00	173.00	181.00
South Dakota	102.00	89.00	84.00	107.00	92.00	88.00	90.00	80.00	76.00
Texas	99.00	108.00	104.00	212.00	179.00	166.00	89.00	98.00	97.00
Utah	160.00	125.00	120.00	160.00	125.00	120.00	130.00	105.00	105.00
Washington	162.00	134.00	136.00	155.00	125.00	125.00	180.00	150.00	155.00
Wisconsin	103.00	88.00	78.00	107.00	94.00	82.00	74.00	67.00	58.00
Wyoming	112.00	116.00	113.00	115.00	120.00	115.00	100.00	105.00	105.00
United States ...	134.00	126.00	124.00	141.00	129.00	128.00	124.00	120.00	119.00

Prices Received for Apples – States and United States: January 2017 with Comparisons

[Equivalent packinghouse-door returns for California, Michigan, New York, Pennsylvania, and Washington. Prices at point of first sale for other States]

State	Apples, fresh use		
	January 2016	December 2016	January 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California	(S)	(S)	(S)
Michigan	0.330	0.390	0.385
New York	0.247	0.408	0.361
Pennsylvania	0.335	0.343	0.341
Virginia	0.230	0.260	0.250
Washington	0.495	0.398	0.408
United States	0.447	0.394	0.396

(S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization – States and United States: January 2016

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85; tangelos-90; tangerines and mandarins in California-80, Florida-95]

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit							
California	(D)	19.45	(D)	(D)	17.07	(D)	(D)
Florida, all	27.80	12.74	17.03	8.80	10.12	14.80	5.82
White	31.60	12.70	20.70	7.70	10.27	18.55	5.10
Red	27.10	12.75	16.30	9.15	10.08	14.05	6.05
Texas	27.80	9.72	16.20	(D)	8.18	14.59	(D)
United States	27.80	13.30	17.56	8.71	10.70	15.32	5.73
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	50.00	30.06	40.36	(D)	24.15	34.10	(D)
United States	49.40	28.93	39.76	(D)	23.05	33.50	(D)
Oranges							
California, all	29.10	16.94	19.56	(D)	14.26	16.90	(D)
Navel and miscellaneous	29.10	16.94	19.56	(D)	14.26	16.90	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	28.50	10.04	17.31	9.86	7.39	14.70	7.21
Early and mids	28.50	10.02	17.35	9.85	7.38	14.75	7.20
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all	32.80	18.99	21.20	(D)	17.18	19.37	(D)
Early and mids	32.80	18.99	21.20	(D)	17.18	19.37	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	29.20	11.61	19.43	9.48	8.96	16.81	6.83

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization – States and United States: December 2016

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85; tangelos included with tangerines and mandarins beginning September 2016; tangerines and mandarins in California and Florida discontinued beginning January 2017]

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit							
California	(D)	22.79	(D)	(S)	20.43	(D)	(S)
Florida, all	27.60	13.45	16.76	8.68	10.67	14.16	5.64
White	32.90	13.98	22.00	7.65	11.24	19.40	4.80
Red	26.90	13.36	16.10	8.95	10.57	13.50	5.85
Texas	31.20	14.02	19.60	(D)	12.46	17.99	(D)
United States	29.20	14.48	18.59	6.46	12.15	16.38	3.91
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	47.90	27.98	38.07	(D)	21.97	31.68	(D)
United States	47.80	27.34	38.00	(D)	21.36	31.61	(D)
Oranges							
California, all	29.40	16.97	19.67	(D)	14.23	16.96	(D)
Navel and miscellaneous	29.40	16.97	19.67	(D)	14.23	16.96	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	30.30	10.85	19.15	10.40	7.70	16.05	7.25
Early and mids	30.30	10.85	19.15	10.40	7.70	16.05	7.25
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all	30.10	14.07	18.50	(D)	12.29	16.67	(D)
Early and mids	30.10	14.07	18.50	(D)	12.29	16.67	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	29.60	12.60	19.53	9.82	9.59	16.83	6.70

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization – States and United States: January 2017

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85; tangelos included with tangerines and mandarins beginning in September 2016; tangerines and mandarins in California and Florida discontinued beginning January 2017]

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit							
California	(D)	20.09	(D)	(S)	17.73	(D)	(S)
Florida, all	29.30	13.32	18.48	10.47	10.43	15.88	7.42
White	32.60	12.32	21.70	8.30	9.54	19.10	5.45
Red	28.70	13.54	17.90	11.00	10.62	15.30	7.90
Texas	29.90	11.52	18.30	(D)	9.97	16.69	(D)
United States	29.20	13.31	18.64	8.87	10.77	16.39	6.11
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	47.50	29.60	37.67	(D)	23.52	31.28	(S)
United States	47.20	28.48	37.40	(D)	22.44	31.01	(D)
Oranges							
California, all	28.40	15.96	18.67	(D)	(D)	15.96	(D)
Navel and miscellaneous	28.40	15.96	18.67	(D)	13.23	15.96	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	32.70	11.63	21.56	11.40	8.48	18.43	8.25
Early and mids	32.50	11.60	21.35	11.40	8.45	18.25	8.25
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all	29.20	15.86	17.60	(D)	14.05	15.77	(D)
Early and mids	29.20	15.86	17.60	(D)	14.05	15.77	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	28.70	12.93	18.81	10.75	9.91	16.10	7.61

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Prices Received for Potatoes – States and United States: January 2017 with Comparisons

State	January 2016 (dollars per cwt)	December 2016 (dollars per cwt)	January 2017 (dollars per cwt)
California, all ¹	13.80	16.00	13.20
Spring	18.60	25.50	15.20
Fall	8.30	8.65	8.65
Colorado, all ¹	9.25	9.85	9.90
Fresh ²	9.95	11.50	11.70
Florida	(S)	(S)	(S)
Idaho, all ¹	6.85	5.85	6.75
Fresh ²	6.05	4.35	4.15
Processing	7.20	7.20	7.45
Maine	(D)	(D)	(D)
Michigan	(D)	(D)	(D)
Minnesota	10.00	11.90	12.00
New York	(D)	(D)	(D)
North Carolina	(S)	(S)	(S)
North Dakota, all ¹	(D)	(D)	(D)
Fresh ²	(D)	(D)	(D)
Processing	(D)	(D)	(D)
Oregon	8.70	7.90	7.90
Texas	(D)	(D)	(D)
Virginia	(S)	(S)	(S)
Washington, all ¹	8.05	7.85	8.10
Processing	7.60	7.90	7.90
Wisconsin, all ¹	9.20	9.50	9.00
Fresh ²	8.90	11.00	10.30
Processing	9.30	8.55	7.95
United States, all ¹	8.63	8.47	8.57
Fresh ²	9.05	8.73	8.27
Processing	8.26	8.25	8.28

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

¹ Average price of potatoes sold for all uses, including table stock, processing, seed, and livestock feed.

² Fresh market prices only. Includes table stock prices.

Prices Received for All Milk – States and United States: January 2017 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	January 2016		December 2016		January 2017	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	15.20	3.64	17.20	3.69	17.80	3.72
California	15.12	3.85	17.54	3.92	17.54	3.88
Colorado	16.60	3.79	19.20	3.81	19.50	3.82
Florida	19.80	3.62	22.10	3.70	22.80	3.69
Idaho	15.60	4.02	18.60	4.07	18.30	4.05
Illinois	16.30	3.91	19.40	3.97	19.40	3.92
Indiana	16.30	3.85	19.20	3.90	19.40	3.89
Iowa	15.90	3.94	19.50	3.99	19.20	3.95
Kansas	15.70	3.85	18.60	3.89	18.50	3.90
Michigan	15.30	3.74	17.80	3.80	18.10	3.77
Minnesota	16.50	4.00	19.70	4.01	19.10	3.96
New Mexico	15.00	3.75	16.10	3.77	17.90	3.75
New York	17.00	3.89	19.30	3.96	19.70	3.95
Ohio	16.90	3.89	19.30	3.93	19.90	3.88
Oregon	17.50	4.09	21.30	4.15	21.10	4.13
Pennsylvania	17.40	3.89	19.40	3.96	20.00	3.95
South Dakota	17.00	4.16	20.50	4.20	20.00	4.16
Texas	16.50	4.06	18.70	4.18	20.20	4.13
Utah	16.00	3.98	18.80	3.99	19.00	3.98
Vermont	17.20	3.91	19.70	3.95	20.10	3.93
Virginia	18.70	3.81	20.50	3.91	21.30	3.87
Washington	16.40	4.09	19.00	4.15	19.70	4.13
Wisconsin	16.00	3.85	19.70	3.93	19.30	3.90
United States	16.10	3.89	18.80	3.95	18.90	3.92

Prices Received for Milk Cows – States and United States: January 2017 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	January 2016	October 2016	January 2017
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,900.00	1,800.00	1,700.00
California	1,800.00	1,700.00	1,600.00
Colorado	1,900.00	1,900.00	1,800.00
Florida	1,800.00	1,610.00	1,650.00
Idaho	1,850.00	1,800.00	1,650.00
Illinois	1,850.00	1,600.00	1,600.00
Indiana	1,800.00	1,600.00	1,500.00
Iowa	1,860.00	1,640.00	1,570.00
Kansas	1,830.00	1,680.00	1,750.00
Michigan	2,000.00	1,700.00	1,600.00
Minnesota	1,730.00	1,600.00	1,490.00
New Mexico	1,900.00	1,750.00	1,850.00
New York	1,700.00	1,530.00	1,500.00
Ohio	1,750.00	1,500.00	1,500.00
Oregon	1,850.00	1,850.00	1,700.00
Pennsylvania	1,780.00	1,500.00	1,480.00
South Dakota	1,700.00	1,650.00	1,600.00
Texas	1,850.00	1,800.00	1,650.00
Utah	1,700.00	1,750.00	1,700.00
Vermont	1,830.00	1,720.00	1,680.00
Virginia	1,750.00	1,540.00	1,470.00
Washington	1,800.00	1,750.00	1,650.00
Wisconsin	1,910.00	1,760.00	1,730.00
United States	1,830.00	1,690.00	1,620.00

Commodity Parity Prices and Price as Percent of Parity Price – United States: January 2017 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agriculture's Agricultural Marketing Service]

Commodity and unit	Adjusted base price	Parity price			Price as percent of parity			
		January 2016	December 2016	January 2017	January 2016	December 2016	January 2017	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
Basic commodities								
All wheat	bushel	0.613	18.10	17.80	17.70	27	22	23
Rice	cwt	1.37	39.70	38.90	39.50	34	26	27
Corn	bushel	0.451	13.00	12.80	13.00	28	26	26
Cotton								
Upland	pound	0.067	1.94	1.90	1.93	31	36	35
American Pima	pound	0.133	3.85	3.78	3.83	31	31	36
Peanuts	pound	0.023	0.666	0.654	0.663	29	28	29
Small chickpeas ¹	cwt	2.31	65.20	64.00	66.60	34	45	45
Large chickpeas ¹	cwt	3.24	94.70	93.00	93.30	36	36	35
Lentils ¹	cwt	2.55	68.90	67.70	73.50	46	47	40
Designated non-basic								
All milk, to plants ²	cwt	1.80	52.10	51.20	51.90	31	36	37
Honey, extracted ³	pound	0.164	4.55	4.46	4.72	46	47	44
Wool and mohair								
Wool	pound	0.126	3.50	3.44	3.63	41	42	40
Mohair	pound	0.394	11.40	11.20	11.40	46	47	40
Other non-basic								
Apples, fresh ⁴	pound	0.034	0.956	0.938	0.980	47	42	40
Barley	bushel	0.497	14.00	13.80	14.30	39	37	34
Canola	cwt	1.90	54.70	53.70	54.70	25	32	32
Cottonseed	ton	20.50	579.00	569.00	591.00	39	35	34
Dry edible beans	cwt	3.24	93.00	91.30	93.30	31	34	33
Flaxseed	bushel	1.15	33.30	32.70	33.10	25	23	25
Oats	bushel	0.292	8.57	8.42	8.41	23	28	27
Potatoes	cwt	0.854	24.80	24.40	24.60	35	35	35
Sorghum grain	cwt	0.770	22.50	22.10	22.20	25	21	22
Soybeans	bushel	1.09	31.30	30.70	31.40	28	31	31
Sunflower, all	cwt	2.17	62.60	61.40	62.50	32	28	28
Citrus (equivalent on-tree)								
Grapefruit	box	0.666	19.10	18.80	19.20	56	65	56
Lemons	box	1.75	46.90	46.10	50.40	49	46	45
Oranges	box	0.880	25.10	24.60	25.40	36	39	39
Tangerines	box	1.86	51.80	50.90	51.60	42	26	24
Livestock and poultry								
Beef cattle	cwt	11.10	321.00	316.00	320.00	40	35	37
Broilers	pound	0.050	1.45	1.42	1.44	35	34	34
Calves	cwt	16.10	469.00	461.00	464.00	42	32	33
Eggs ²	dozen	0.102	2.98	2.93	2.94	42	33	29
Hogs	cwt	5.60	165.00	162.00	161.00	26	27	30
Turkeys, live	pound	0.065	1.820	1.790	1.870	43	42	37

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

³ Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

⁴ Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

Commodity Parity Prices – United States: January 2017 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		January 2016	December 2016	January 2017
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops	pound 0.367	9.79	9.61	10.60
Mustard seed	cwt 3.28	91.80	90.10	94.50
Rapeseed	cwt 2.69	77.00	75.60	77.50
Rye	bushel 0.633	18.20	17.90	18.20
Safflower	cwt 2.24	64.60	63.40	64.50
Spearmint oil	pound 1.70	49.20	48.30	49.00
Sweet potatoes	cwt 2.06	60.20	59.10	59.30
Tobacco				
Flue-cured, 11-14	pound 0.181	5.21	5.12	5.21
Fire-cured, 21-23	pound 0.252	7.38	7.25	7.26
Burley, 31	pound 0.178	5.18	5.09	5.13
Maryland, 32	pound 0.170	4.95	4.86	4.90
Dark air-cured, 35-37	pound 0.226	6.66	6.54	6.51
Pennsylvania seedleaf, 41	pound 0.191	5.33	5.23	5.50
Non-citrus fruit				
Apples, processing ^{1 2}	ton 18.90	530.00	520.00	545.00
Apricots				
Fresh ³	ton 118.00	3,360.00	3,300.00	3,400.00
Dried (California)	ton 265.00	7,270.00	7,140.00	7,630.00
Avocados ^{2 3}	ton 177.00	5,150.00	5,060.00	5,100.00
Cherries				
Sweet	ton 206.00	6,050.00	5,940.00	5,930.00
Tart ²	pound 0.032	0.927	0.910	0.922
Cranberry ^{2 4}	barrel 4.19	125.00	123.00	121.00
Dates (California) ³	ton 148.00	4,260.00	4,180.00	4,260.00
Grapes (California)				
Raisin variety ⁵	ton 142.00	4,050.00	3,980.00	4,090.00
Wine, processing	ton 64.40	(NA)	1,850.00	1,860.00
Kiwifruit ²	ton 96.40	2,650.00	2,600.00	2,780.00
Nectarines, fresh (California) ³	ton 63.40	1,750.00	1,720.00	1,830.00
Olives, canning (California) ⁴	ton 97.00	2,700.00	2,650.00	2,790.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: January 2017 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		January 2016	December 2016	January 2017
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.040	1.19	1.17	1.15
Peaches				
Fresh ^{4 6} ton	86.60	2,460.00	2,410.00	2,490.00
Dried (California) ^{1 5} ton	45.80	1,340.00	1,310.00	1,320.00
Processing, excludes dried Clingstone (California) ⁴ ton	34.00	944.00	927.00	980.00
Pears, Fresh ⁶ ton	57.80	1,620.00	1,590.00	1,670.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	63.80	1,750.00	1,720.00	1,840.00
Prunes, dried (California) ^{1 2 5} ton	157.00	4,460.00	4,380.00	4,520.00
Strawberries				
Fresh ¹⁰ pound	8.78	258.00	253.00	253.00
Processing pound	3.52	99.60	97.80	101.00
Sugar crops				
Sugar beets ^{2 8} ton	5.19	152.00	150.00	150.00
Sugarcane ^{2 8} ton	3.46	102.00	100.00	99.70
Tree nuts ⁹				
Almonds pound	0.229	6.57	6.45	6.60
Hazelnuts ton	217.00	6,280.00	6,170.00	6,250.00
Pistachios pound	0.230	6.57	6.45	6.63
Walnuts ton	232.00	6,830.00	6,710.00	6,680.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.73	77.30	75.90	78.70
Cauliflower ¹¹ cwt	4.51	124.00	122.00	130.00
Celery ¹¹ cwt	2.04	59.40	58.30	58.80
Honeydew melons cwt	1.93	56.80	55.70	55.60
Lettuce cwt	2.30	65.40	64.30	66.30
Onions ¹¹ cwt	1.38	41.10	40.40	39.80
Tomatoes cwt	4.01	120.00	118.00	116.00

(NA) Not available.

¹ Equivalent returns at processing plant door.

² Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

⁶ Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except peaches), and Washington. Price at point of first sale for other states.

⁷ Based on "as sold" prices for fresh fruit in all states.

⁸ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

⁹ Prices In-Shell basis except almonds which are shelled basis.

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

Market Year for Specified Commodities

Cattle: January 1 - December 31.

Milk Cows: January 1 – December 31.

Hogs: December 1 - November 30.

Cattle Market Year Average Prices Received – United States: Marketing Years 2015 and 2016

[All beef includes steer and heifers combined and cows. Cows include beef cows and cull dairy cows sold for slaughter. Milk cow prices are calendar year average of quarterly estimates.]

Year	Cows	Steers and heifers	Calves	Beef cattle	Milk cows
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per head)
2015	103.00	148.00	247.00	147.00	1,990.00
2016	74.30	121.00	160.00	119.00	1,760.00

Hog Market Year Average Prices Received – United States: Marketing Years 2015 and 2016

Year	Barrows and gilts	Sows	All
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
2015	55.70	44.90	55.30
2016	49.60	40.70	49.30

Milk Cow Market Year Average Prices Received – States and United States: Marketing Years 2015 and 2016

State	2015 (dollars per head)	2016 (dollars per head)
Alabama	1,720.00	1,580.00
Alaska	1,450.00	1,600.00
Arizona	2,050.00	1,880.00
Arkansas	1,780.00	1,560.00
California	2,030.00	1,750.00
Colorado	2,080.00	1,910.00
Connecticut	1,830.00	1,750.00
Delaware	1,950.00	1,700.00
Florida	2,100.00	1,710.00
Georgia	1,960.00	1,640.00
Hawaii	1,530.00	1,680.00
Idaho	1,990.00	1,840.00
Illinois	2,000.00	1,690.00
Indiana	1,960.00	1,690.00
Iowa	2,000.00	1,780.00
Kansas	1,990.00	1,780.00
Kentucky	1,920.00	1,660.00
Louisiana	2,000.00	1,750.00
Maine	1,780.00	1,530.00
Maryland	1,920.00	1,700.00
Massachusetts	1,820.00	1,580.00
Michigan	2,130.00	1,840.00
Minnesota	1,860.00	1,710.00
Mississippi	1,940.00	1,630.00
Missouri	1,750.00	1,520.00
Montana	1,880.00	1,710.00
Nebraska	2,010.00	1,700.00
Nevada	1,900.00	1,800.00
New Hampshire	1,820.00	1,670.00
New Jersey	2,000.00	1,750.00
New Mexico	1,980.00	1,840.00
New York	1,840.00	1,620.00
North Carolina	2,010.00	1,750.00
North Dakota	1,760.00	1,530.00
Ohio	1,880.00	1,630.00
Oklahoma	1,930.00	1,700.00
Oregon	1,990.00	1,860.00
Pennsylvania	1,900.00	1,630.00
Rhode Island	1,750.00	1,790.00
South Carolina	1,950.00	1,730.00
South Dakota	1,890.00	1,680.00
Tennessee	1,920.00	1,700.00
Texas	2,030.00	1,850.00
Utah	1,930.00	1,730.00
Vermont	1,920.00	1,800.00
Virginia	1,960.00	1,650.00
Washington	1,930.00	1,790.00
West Virginia	1,880.00	1,660.00
Wisconsin	2,100.00	1,850.00
Wyoming	1,950.00	1,860.00
United States	1,990.00	1,760.00

Prices Received for Cows, Steers and Heifers, Calves, Beef Cattle, and Milk Cows by Month – United States: Marketing Years 2015 and 2016

[All beef includes steer & heifers combined and cows. Cows include beef cows and cull dairy cows sold for slaughter. Milk cow prices are calendar year average. Quarterly United States milk cow prices are based on revised milk cow inventory.]

Month	Cows		Steers and heifers		Calves		Beef cattle		Milk cows	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per head)	(dollars per head)
January	112.00	74.20	166.00	132.00	288.00	196.00	164.00	130.00	1,990.00	1,830.00
February	110.00	77.50	161.00	134.00	277.00	201.00	159.00	132.00	(NA)	(NA)
March	114.00	80.00	162.00	137.00	290.00	199.00	160.00	135.00	(NA)	(NA)
April	113.00	81.50	164.00	133.00	288.00	183.00	162.00	131.00	1,970.00	1,830.00
May	114.00	79.60	161.00	129.00	288.00	173.00	160.00	128.00	(NA)	(NA)
June	113.00	80.90	156.00	127.00	292.00	168.00	155.00	125.00	(NA)	(NA)
July	113.00	81.50	150.00	120.00	275.00	145.00	149.00	119.00	2,030.00	1,730.00
August	110.00	80.60	149.00	118.00	273.00	158.00	148.00	117.00	(NA)	(NA)
September	104.00	74.50	140.00	109.00	241.00	142.00	139.00	108.00	(NA)	(NA)
October	89.50	65.40	129.00	102.00	234.00	134.00	128.00	101.00	1,980.00	1,690.00
November	82.00	61.90	131.00	106.00	217.00	144.00	129.00	104.00	(NA)	(NA)
December	74.80	61.10	123.00	113.00	193.00	148.00	122.00	111.00	(NA)	(NA)

(NA) Not available.

Prices Received for Barrows and Gilts, Sows, and All Hogs by Month – United States: Marketing Years 2015 and 2016

[December preceding year]

Month	Barrows and gilts		Sows		All hogs	
	2015	2016	2015	2016	2015	2016
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
December	64.20	43.30	65.80	28.40	64.30	42.80
January	57.70	44.00	48.00	31.50	57.40	43.60
February	50.80	49.80	39.70	45.40	50.40	49.60
March	50.70	50.50	38.20	36.30	50.30	50.00
April	49.40	51.40	38.50	41.30	49.00	51.00
May	60.00	57.50	31.40	49.00	58.90	57.20
June	60.80	61.00	36.80	49.20	59.90	60.60
July	59.50	60.10	40.00	44.50	58.70	59.40
August	59.30	52.60	50.70	50.80	59.00	52.60
September	54.90	47.90	45.20	46.30	54.50	47.80
October	55.40	42.00	57.40	33.20	55.50	41.70
November	45.80	39.30	48.50	30.40	45.90	39.00

Prices Received for Milk Cows by Month – States and United States: 2016

[Cows sold for dairy herd replacement. Quarterly United States milk cow prices are based on revised milk cow inventory.]

State	January 2016	April 2016	July 2016	October 2016
	(dollars per head)	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,900.00	1,950.00	1,850.00	1,800.00
California	1,800.00	1,800.00	1,700.00	1,700.00
Colorado	1,900.00	1,950.00	1,900.00	1,900.00
Florida	1,800.00	1,790.00	1,650.00	1,610.00
Idaho	1,850.00	1,900.00	1,800.00	1,800.00
Illinois	1,850.00	1,700.00	1,600.00	1,600.00
Indiana	1,800.00	1,700.00	1,650.00	1,600.00
Iowa	1,860.00	1,860.00	1,740.00	1,640.00
Kansas	1,830.00	1,830.00	1,780.00	1,680.00
Michigan	2,000.00	1,900.00	1,750.00	1,700.00
Minnesota	1,730.00	1,850.00	1,650.00	1,600.00
New Mexico	1,900.00	1,900.00	1,800.00	1,750.00
New York	1,700.00	1,670.00	1,590.00	1,530.00
Ohio	1,750.00	1,700.00	1,550.00	1,500.00
Oregon	1,850.00	1,900.00	1,850.00	1,850.00
Pennsylvania	1,780.00	1,700.00	1,550.00	1,500.00
South Dakota	1,700.00	1,730.00	1,650.00	1,650.00
Texas	1,850.00	1,900.00	1,850.00	1,800.00
Utah	1,700.00	1,750.00	1,700.00	1,750.00
Vermont	1,830.00	1,850.00	1,780.00	1,720.00
Virginia	1,750.00	1,680.00	1,610.00	1,540.00
Washington	1,800.00	1,800.00	1,800.00	1,750.00
Wisconsin	1,910.00	1,910.00	1,820.00	1,760.00
United States 2016	1,830.00	1,830.00	1,730.00	1,690.00

**Prices Received Value per Head for All Cattle and Calves –
States and United States: January 1, 2016 and 2017**

State	Value per head		Total value	
	2016 (dollars)	2017 (dollars)	2016 (1,000 dollars)	2017 (1,000 dollars)
Alabama	1,310	940	1,637,500	1,222,000
Alaska	1,200	1,170	13,200	15,210
Arizona	1,390	1,080	1,251,000	1,047,600
Arkansas	1,270	910	2,159,000	1,592,500
California	1,460	1,220	7,519,000	6,283,000
Colorado	1,490	1,230	4,023,000	3,505,500
Connecticut	1,400	1,290	68,600	61,920
Delaware	1,280	1,130	20,480	18,080
Florida	1,410	1,130	2,368,800	1,921,000
Georgia	1,260	930	1,386,000	1,023,000
Hawaii	1,010	740	141,400	105,080
Idaho	1,480	1,200	3,537,200	2,820,000
Illinois	1,350	1,140	1,593,000	1,390,800
Indiana	1,330	1,090	1,183,700	970,100
Iowa	1,390	1,160	5,490,500	4,466,000
Kansas	1,430	1,050	8,937,500	6,720,000
Kentucky	1,220	890	2,647,400	1,922,400
Louisiana	1,400	1,040	1,078,000	811,200
Maine	1,340	1,210	108,540	101,640
Maryland	1,280	1,060	243,200	197,160
Massachusetts	1,300	1,110	49,400	42,180
Michigan	1,430	1,200	1,630,200	1,416,000
Minnesota	1,310	1,060	3,170,200	2,544,000
Mississippi	1,270	950	1,193,800	845,500
Missouri	1,350	1,030	5,535,000	4,480,500
Montana	1,620	1,230	4,293,000	3,259,500
Nebraska	1,450	1,190	9,352,500	7,675,500
Nevada	1,460	1,150	635,100	511,750
New Hampshire	1,380	1,230	48,300	43,050
New Jersey	1,380	1,140	38,640	31,920
New Mexico	1,530	1,310	2,096,100	1,873,300
New York	1,380	1,160	2,014,800	1,728,400
North Carolina	1,170	900	936,000	747,000
North Dakota	1,650	1,340	2,821,500	2,425,400
Ohio	1,310	1,080	1,637,500	1,404,000
Oklahoma	1,400	1,080	6,720,000	5,400,000
Oregon	1,440	1,130	1,886,400	1,491,600
Pennsylvania	1,320	1,080	2,112,000	1,749,600
Rhode Island	1,360	1,180	6,800	5,428
South Carolina	1,220	940	414,800	319,600
South Dakota	1,600	1,240	6,240,000	4,774,000
Tennessee	1,240	910	2,269,200	1,665,300
Texas	1,400	1,030	16,520,000	12,669,000
Utah	1,490	1,180	1,251,600	967,600
Vermont	1,440	1,290	374,400	335,400
Virginia	1,190	950	1,773,100	1,444,000
Washington	1,380	1,150	1,587,000	1,322,500
West Virginia	1,270	930	495,300	376,650
Wisconsin	1,420	1,240	4,970,000	4,402,000
Wyoming	1,630	1,250	2,135,300	1,662,500
United States	1,410	1,109	129,614,960	103,807,368

**Prices Received Value per Head and Total Value for Hogs –
States and United States: December 1, 2015 and 2016**

State	Value per head		Total value	
	2015 (dollars)	2016 (dollars)	2015 (1,000 dollars)	2016 (1,000 dollars)
Alabama	100	90	10,000	3,600
Alaska	195	200	273	300
Arizona	100	110	13,200	12,650
Arkansas	90	100	14,940	14,200
California	125	130	11,875	11,570
Colorado	99	109	69,300	73,030
Connecticut	125	135	313	486
Delaware	100	110	300	770
Florida	100	110	1,600	1,980
Georgia	82	92	13,120	5,980
Hawaii	150	155	1,350	1,550
Idaho	(D)	(D)	(D)	(D)
Illinois	99	94	504,900	479,400
Indiana	98	95	377,300	389,500
Iowa	98	91	2,048,200	2,038,400
Kansas	87	85	168,780	162,350
Kentucky	79	86	33,575	36,980
Louisiana	100	105	800	735
Maine	100	110	450	506
Maryland	100	110	2,100	2,310
Massachusetts	100	110	1,100	880
Michigan	110	97	123,200	107,670
Minnesota	110	98	891,000	813,400
Mississippi	100	105	51,500	55,650
Missouri	87	93	265,350	288,300
Montana	100	105	17,500	18,375
Nebraska	100	90	330,000	306,000
Nevada	125	130	125	156
New Hampshire	105	107	410	342
New Jersey	105	110	1,260	1,210
New Mexico	100	110	150	187
New York	87	95	6,612	4,370
North Carolina	77	79	685,300	734,700
North Dakota	100	90	13,700	13,140
Ohio	105	95	262,500	256,500
Oklahoma	100	106	211,000	227,900
Oregon	100	110	1,000	1,430
Pennsylvania	91	101	105,560	122,210
Rhode Island	100	110	150	176
South Carolina	81	91	19,035	18,200
South Dakota	105	94	142,800	136,300
Tennessee	87	86	19,140	19,350
Texas	82	100	70,520	88,000
Utah	100	105	68,000	73,500
Vermont	125	130	500	520
Virginia	80	90	21,600	22,500
Washington	(D)	(D)	(D)	(D)
West Virginia	100	105	500	420
Wisconsin	92	94	29,440	30,550
Wyoming	105	110	10,080	10,120
Idaho and Washington	100	107	5,200	3,215
United States	96	92	6,626,607	6,591,568

(D) Withheld to avoid disclosing data for individual operations.

**Prices Received Value per Head and Total Value for Sheep and Lambs –
States and United States: January 1, 2016 and 2017**

State	Sheep and lambs			
	Value per head		Total value	
	2016	2017	2016	2017
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Arizona	170	178	23,800	23,140
California	198	201	113,850	117,585
Colorado	206	205	89,610	80,975
Idaho	200	191	51,000	48,705
Illinois	212	217	12,720	11,935
Indiana	216	223	10,800	11,596
Iowa	222	227	38,850	39,725
Kansas	220	226	14,300	15,368
Kentucky	214	210	11,342	10,080
Michigan	208	206	17,056	17,510
Minnesota	205	207	25,625	26,910
Missouri	182	185	16,016	16,650
Montana	215	211	49,450	48,530
Nebraska	232	234	18,560	19,422
Nevada	229	236	13,740	14,868
New England ¹	244	238	10,248	10,234
New Mexico	193	195	17,370	18,915
New York	208	205	16,640	15,375
North Carolina	187	188	5,984	5,640
North Dakota	195	195	14,235	12,870
Ohio	227	221	27,240	25,857
Oklahoma	230	230	10,580	11,040
Oregon	182	187	32,760	31,790
Pennsylvania	213	209	20,022	19,437
South Dakota	203	200	53,795	50,000
Tennessee	217	213	10,416	9,798
Texas	182	182	131,950	127,400
Utah	223	221	63,555	60,775
Virginia	195	199	14,625	15,920
Washington	220	215	11,000	10,320
West Virginia	199	195	7,164	6,630
Wisconsin	206	208	15,656	15,808
Wyoming	207	210	73,485	75,600
Other States ²	187	185	28,985	27,380
United States	202	203	1,072,429	1,053,788

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

² Individual State estimates not available for States not shown, but are included in Other States.

Prices Received Value per Head and Total Value for Angora Goats – States and United States: January 1, 2016 and 2017

State	Angora goats			
	Value per head		Total value	
	2016	2017	2016	2017
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Arizona	95.00	97.00	3,325	3,395
California	95.00	100.00	342	340
New Mexico	95.00	104.00	950	1,092
Texas	130.00	150.00	10,140	12,000
4-State average	116.60	130.50	14,757	16,827

Other Hay Baled Market Year Average Prices Received – Selected Regions: 2012-2014, 2013-2015, and 2014-2016 Averages

[Prices provided to the Forest Service, United States Department of Agriculture to compute Eastern National Forest grazing fees]

Region	3-year average		
	2012-2014	2013-2015	2014-2016
	(dollars per ton)	(dollars per ton)	(dollars per ton)
Appalachia ¹	103.90	110.10	113.80
Corn Belt ²	103.10	96.70	90.70
Florida	164.50	159.10	154.00
Lake States ³	124.80	109.40	83.70
Northeast ⁴	160.80	175.70	178.60
Southeast/Delta ⁵	95.80	99.70	102.30

¹ Kentucky, North Carolina, Tennessee, Virginia, and West Virginia.

² Illinois, Indiana, Missouri, and Ohio.

³ Michigan, Minnesota, and Wisconsin.

⁴ Maine, New Hampshire, New York, Pennsylvania, and Vermont.

⁵ Alabama, Arkansas, Georgia, Louisiana, Mississippi, and South Carolina.

Parity Prices

Parity prices based on data January 2017 and adjusted base price data from which parity prices are computed, are presented in the table on pages 43 through 46. Annual average prices for 2007 through 2016 for use in parity computations, and ten-year averages for 2006-2015 and 2007-2016 are shown on pages 49 through 58.

Parity Prices shown on the following pages are computed under the provisions of Title III, Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

The major provisions of the amended Act relating to the calculation of parity prices are as follows:

"(1) (A) The 'parity price' for any agricultural commodity, as of any date, shall be determined by multiplying the adjusted base price of such commodity as of such date by the parity index as of such date."

"(B) The 'adjusted base price' of any agricultural commodity, as of any date, shall be (i) the average of the prices received by farmers for such commodity, at such time as the Secretary may select during each year of the ten-year period ending on the 31st of December last before such date, or during each marketing season beginning in such period if the Secretary determines use of a calendar year basis to be impracticable, divided by (ii) the ratio of the general level of prices received by farmers for agricultural commodities during the period January 1910 to December 1914, inclusive."

"(C) The 'parity index', as of any date, shall be the ratio of (i) the general level of prices for articles and services that farmers buy, wages paid hired farm labor, interest on farm indebtedness secured by farm real estate, and taxes on farm real estate, for the calendar month ending last before such date to (ii) the general level of such prices, wages, rates, and taxes during the period January 1910 to December 1914, inclusive."

"(D) The prices and indexes provided for herein, and the data used in computing them, shall be determined by the Secretary, whose determination shall be final."

Section 301(a) (1) (F) outlines authority for the Secretary of Agriculture to make special adjustments in the method of computing parity prices for particular commodities if the method outlined in the Act results in parity prices seriously out of line with those of other commodities.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2017 it is the 2007-2016 average). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.

b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".

c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

The indexes used in the computation of parity prices are published currently in *Agricultural Prices*. For the purpose of illustrating the computation of parity prices, the calculation of the parity price for corn based on data for January 2017 is given below.

The 120-month, January 2007-December 2016 average of prices received by farmers for corn was \$4.59 per bushel, adjusted to allow for unredeemed loans and other supplemental payments resulting from price support operations. The 120-month average of the Index of Prices Received by Farmers, adjusted to include an allowance for unredeemed loans, etc., was 976 (1910-1914=100). The adjusted base price is obtained by dividing \$4.59 by 9.76 (0.451). The adjusted base prices when multiplied by 2881percent, the Parity Index (1910-1914=100), results in the corn parity price of \$13.00 for January 2016.

Prices Received For Average Base Period – United States: January 1910-December 1914

Commodity and unit	Average Price
All wheat dollars/bushel	0.880
Rice rough dollars/cwt	1.81
Corn dollars/bushel	0.649
Oats dollars/bushel	0.399
All barley dollars/bushel	0.617
All hay, baled dollars/ton	11.90
Cotton, Upland cents/pound	11.92
Peanuts cents/pound	4.83
Cottonseed dollars/ton	21.80
Flaxseed dollars/bushel	1.68
Potatoes dollars/cwt	1.13
Sweet potatoes dollars/cwt	1.61
Dry edible beans dollars/cwt	3.39
All beef cattle dollars/cwt	5.52
Calves dollars/cwt	6.84
All hogs dollars/cwt	7.29
Lambs dollars/cwt	5.96
Sheep dollars/cwt	4.59
All milk dollars/cwt	1.61
All eggs cents/dozen	21.60
Turkeys, live cents/pound	14.30
Wool cents/pound	17.80

Parity Ratio

The parity ratio (the Index of Prices Received by Farmers for the products they sell divided by the Parity Index (1910-1914=100) provides an indication of the per unit purchasing power of farm commodities generally in terms of the goods and services currently bought by farmers, in relation to purchasing power of farm products in the 1910-1914 base period. Thus, a Parity Ratio less than 100 indicates that the average per unit purchasing power of all farm products is lower than during the 1910-1914 period.

The parity ratio is a measure of price relationships. The ratio is not a measure of farm income, farmers' total purchasing power, or farmers' welfare. The latter depends upon a number of factors other than price relationships, such as changes in production efficiency and technology, quantities of farm products sold, and supplementary income, including that from off-farm jobs and federal programs.

An adjusted parity ratio is computed and published which incorporates supplementary income for federal farm programs. A "preliminary adjusted parity ratio reflecting government payments" based on the forecast of direct government payments for the year is published each quarter in *Agricultural Prices*.

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017

Commodity and unit	Adjusted base price ¹	Parity price ²	
	(dollars)	(dollars)	
Basic commodities			
All wheat ³	bushel	0.613	17.70
Rice ³	cwt	1.37	39.50
Corn ³	bushel	0.451	13.00
Cotton			
Upland ³	pound	0.067	1.93
American Pima	pound	0.133	3.83
Peanuts	pound	0.023	0.663
Tobacco			
Flue-cured, 11-14	pound	0.181	5.21
Fire-cured, 21-23	pound	0.252	7.26
Burley, 31	pound	0.178	5.13
Maryland, 32	pound	0.170	4.90
Dark air-cured, 35-37	pound	0.226	6.51
Pennsylvania seedleaf, 41	pound	0.191	5.50
Small chickpeas	cwt	2.31	66.60
Large chickpeas	cwt	3.24	93.30
Lentils	cwt	2.55	73.50
Designated nonbasic commodities			
Soybeans ³	bushel	1.09	31.40
All milk sold to plants	cwt	1.80	51.90
Honey, wholesale	pound	0.164	4.72
Wool and mohair			
Wool ³	pound	0.126	3.63
Mohair	pound	0.394	11.40
Other nonbasic commodities			
Field crops and miscellaneous			
All barley ³	bushel	0.497	14.30
Canola	cwt	1.90	54.70
Cottonseed	ton	20.50	591.00
Dry edible beans	cwt	3.24	93.30
Flaxseed	bushel	1.15	33.10
Hay, baled	ton	14.70	424.00
Hops	pound	0.367	10.60
Mustard seed	cwt	3.28	94.50
Oats ³	bushel	0.292	8.41
Peppermint oil ³	pound	2.04	58.80
Potatoes	cwt	0.854	24.60
Rapeseed	cwt	2.69	77.50
Rye	bushel	0.633	18.20
Safflower	cwt	2.24	64.50
Sorghum grain ³	cwt	0.770	22.20
Spearmint oil	pound	1.70	49.00
Sunflower	cwt	2.17	62.50
Sweet potatoes	cwt	2.06	59.30

See footnote(s) at end of table.

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Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017 (continued)

Commodity and unit	Adjusted base price ¹	Parity price ²
	(dollars)	(dollars)
Citrus (equivalent on-tree)		
Grapefruit ⁴ box	0.666	19.20
Lemons ⁴ box	1.75	50.40
Oranges ⁴ box	0.880	25.40
Deciduous and other fruit		
Apples		
Fresh ⁶ pound	0.034	0.980
Processing ⁴ ton	18.90	545.00
Apricots		
Fresh ton	118.00	3,400.00
Processing		
Dried (California) ⁵ ton	265.00	7,630.00
Excluding dried ton	40.20	1,160.00
Avocados ⁴ ton	177.00	5,100.00
Cherries		
Sweet ton	206.00	5,930.00
Tart ⁴ pound	0.032	0.922
Cranberries ⁴ barrel	4.19	121.00
Dates (California) ⁷ ton	148.00	4,260.00
Grapes		
Raisin varieties dried (California) ⁵ ton	142.00	4,090.00
Wine, processing (California) ton	64.40	1,860.00
Kiwifruit ⁴ ton	96.40	2,780.00
Nectarines (California)		
Fresh ⁷ ton	63.40	1,830.00
Olives (California) ⁹		
Processing		
Crushed for oil ton	58.50	1,690.00
Excluding crushed ton	87.30	2,520.00
Canning ton	97.00	2,790.00
Papayas (Hawaii), fresh pound	0.040	1.150
Peaches		
Fresh ^{6 9} ton	86.60	2,490.00
Processing		
Dried (California) ^{8 5} ton	45.80	1,320.00
Excluding dried		
Clingstone (California) ⁹ ton	34.00	980.00
Freestone ⁸ ton	27.70	798.00
Pears		
Fresh ⁶ ton	57.80	1,670.00
Processing ⁸		
Excluding dried ton	24.50	706.00

See footnote(s) at end of table.

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Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017 (continued)

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Deciduous and other fruit, continued		
Plums (California) equiv on-tree		
Fresh ¹⁰ ton	63.80	1,840.00
Processing ton	10.70	308.00
Prunes, dried (California) ^{4 5} ton	157.00	4,520.00
Strawberries		
Fresh ¹⁰ pound	8.780	253.00
Processing pound	3.520	101.00
Sugar crops		
Sugarbeets ^{4 12} ton	5.19	150.00
Sugarcane ^{4 12} ton	3.46	99.70
Tree nuts ¹³		
Almonds pound	0.229	6.60
Hazelnuts ton	217.00	6,250.00
Pecans, all ton	346.00	9,960.00
Pistachio, all pound	0.230	6.63
Walnuts ton	232.00	6,680.00
Vegetables, fresh ¹¹		
Asparagus cwt	11.20	323.00
Broccoli ¹⁴ cwt	3.84	111.00
Carrots ¹⁴ cwt	2.73	78.70
Cauliflower ¹⁴ cwt	4.51	130.00
Celery ¹⁴ cwt	2.04	58.80
Honeydew melons cwt	1.93	55.60
Lettuce cwt	2.30	66.30
Onions ¹⁴ cwt	1.38	39.80
Sweet corn cwt	2.65	76.30
Tomatoes cwt	4.01	116.00
Vegetables, processing ⁸		
Asparagus ton	146.00	4,210.00
Green peas ton	33.90	977.00
Snap beans ton	22.40	645.00
Sweet corn ton	10.60	305.00
Tomatoes ton	8.15	235.00
Livestock and products		
Beef cattle cwt	11.10	320.00
Broilers pound	0.050	1.44
Calves cwt	16.10	464.00
Eggs dozen	0.102	2.94
Hogs cwt	5.60	161.00
Turkeys pound	0.065	1.87

See footnote(s) at end of table.

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Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017 (continued)

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Discontinued nonbasic commodities ¹⁵		
Field crops and miscellaneous		
Crude pine gum barrel	13.90	400.00
Dry field peas cwt	1.89	54.50
Popcorn cwt	1.81	52.10
Citrus (equiv on-tree)		
Tangerines box	1.79	51.60
Temples box	0.372	10.70
Deciduous and other fruit		
Berries, processing		
Blackberries pound	0.620	17.90
Black raspberries pound	0.106	3.05
Boysenberries/youngberries pound	0.088	2.54
Gooseberries pound	0.037	1.070
Loganberries pound	0.060	1.73
Red raspberries pound	0.084	2.42
Grapes, excluding raisin variety dried ton	65.50	1,890.00
Nectarines, processing ¹⁷ ton	4.21	121.00
Pears, dried ton	171.00	4,930.00
Prunes and Plums, fresh ¹⁶ ton	61.20	1,760.00
Prunes and Plums, processing ¹⁶ ton	23.80	686.00
Vegetables, fresh		
Artichokes cwt	4.55	131.00
Cabbage cwt	1.38	39.80
Cantaloupes cwt	2.13	61.40
Cucumbers cwt	2.28	65.70
Eggplant cwt	2.41	69.40
Escarole cwt	3.10	89.30
Garlic cwt	2.93	84.40
Green peppers cwt	3.60	104.00
Snap beans cwt	4.51	130.00
Spinach cwt	3.95	114.00
Watermelon cwt	0.846	24.40
Vegetables, processing		
Beets ton	7.79	224.00
Cabbage ton	6.01	173.00
Lima beans ton	67.00	1,930.00
Spinach ton	14.50	418.00

See footnote(s) at end of table.

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Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017 (continued)

Commodity and unit	Adjusted base price ¹	Parity price ²
	(dollars)	(dollars)
Discontinued nonbasic commodities ¹⁵		
Tobacco		
Virginia fire-cured, 21 pound	0.254	7.32
Kentucky-Tennessee fire-cured, 22-23 pound	0.319	9.19
Dark air-cured, 35-36 pound	0.282	8.12
Sun-cured, 37 pound	0.235	6.77
Cigar filler & binder 42-44, 54-55 pound	0.222	6.40
Puerto Rican filler, 46 pound	0.155	4.47
Cigar binder, 51 ¹⁶ pound	0.629	18.10
Cigar wrapper, 61 ¹⁶ pound	2.430	70.00
Tobacco, 62 ¹⁷ pound	3.300	95.10
Seed crops		
Alfalfa cwt	19.300	556.00
Bentgrass cwt	18.900	545.00
Chewings fescue cwt	10.000	288.00
Crimson clover cwt	8.400	242.00
Hairy vetch cwt	5.810	167.00
Ladino clover cwt	24.700	712.00
Lespedeza cwt	8.310	239.00
Merion Kentucky bluegrass cwt	22.000	634.00
Orchardgrass cwt	7.160	206.00
Red clover cwt	12.000	346.00
Red fescue cwt	10.100	291.00
Tall fescue cwt	3.670	106.00
Timothy cwt	6.400	184.00
Livestock and products		
Beeswax pound	0.291	8.38
Lambs cwt	11.700	337.00
Sheep cwt	4.380	126.00

See footnote(s) at end of table.

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Prices Received Adjusted Base Prices and Parity Prices – United States: January 2017 (continued)

(NA) Not available.

- 1/ Adjusted base price 1910-1914 derived by dividing the average of 10 season average prices 2007-2016, including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations, by 976 percent (120-month, January 2007-December 2016 average of the index of prices received by farmers adjusted to include an allowance for unredeemed loans and other supplemental payments) unless otherwise noted.
- 2/ Legally applicable parity prices for the following calendar month.
- 3/ Adjusted base price 1910-1914 derived from 120-month, January 2007-December 2016 average including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations.
- 4/ The 2016 marketing year average prices are not yet available for these commodities. Therefore, the adjusted base prices are brought forward from 2016, except citrus items (excluding limes) and cranberries.
- 5/ Dried basis.
- 6/ Prices are equivalent packinghouse-door returns for California, Michigan, New York (apples only), and Washington (apples, peaches, and pears). Prices "as sold" for other states.
- 7/ Equivalent returns at packinghouse-door.
- 8/ Equivalent returns at processing plant door.
- 9/ Equivalent returns for bulk fruit at first delivery point.
- 10/ Based on 'as sold' prices for fresh fruit in all states.
- 11/ Prices are average FOB shipping point.
- 12/ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.
- 13/ Prices on in-shell basis except almonds which are on shelled basis.
- 14/ Includes some processing.
- 15/ Monthly and/or season average prices are no longer estimated for these items. Therefore, the adjusted base price is brought forward from July 1986.
- 16/ Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 2016
- 17/ Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 1988.
- 18/ Processing prices combined with fresh beginning in 2002.

Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Simple average of monthly prices]

Commodity and unit	2007	2008	2009	2010	2011	2012	2013
Prices received index, 1910-1914=100percent	862	947	832	850	1,032	1,083	1,104
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic commodities							
Cornbushel	3.39	4.78	3.75	3.83	6.02	6.67	6.15
Cotton, Uplandpound	0.500	0.608	0.492	0.710	0.880	0.795	0.772
All wheatbushel	5.76	8.02	5.30	5.12	7.44	7.60	7.32
Peanutspound	0.19	0.21	0.24	0.21	0.25	0.34	0.27
Ricecwt	10.50	16.20	15.20	13.20	13.70	14.50	15.70
Small chickpeascwt	15.70	26.70	19.90	22.80	23.40	30.50	25.50
Large chickpeascwt	28.40	35.30	31.10	28.50	39.20	41.20	34.90
Lentilscwt	17.20	32.40	29.10	26.60	27.50	21.80	21.10
Designated nonbasic commodities							
All milkcwt	19.10	18.30	12.80	16.30	20.10	18.50	20.10
Other nonbasic commodities							
Field crops and miscellaneous							
All barleybushel	3.59	5.00	4.83	4.00	4.79	5.98	6.26
All dry beanscwt	25.60	34.30	31.00	27.90	34.60	42.40	38.40
Flaxseedbushel	8.73	15.40	8.60	10.20	14.20	13.60	14.30
All hay, baledton	124.00	148.00	117.00	110.00	159.00	184.00	183.00
Oatsbushel	2.44	3.29	2.30	2.37	3.42	3.80	3.92
Sorghumcwt	6.27	8.12	5.59	6.50	10.70	11.10	9.97
Soybeansbushel	7.74	11.30	10.10	9.97	12.50	14.00	14.10
All sunflowercwt	17.00	25.30	18.70	16.80	29.10	27.80	23.50
Fruit							
Apples, fresh ²pound	0.325	0.394	0.233	0.262	0.325	0.411	0.408
Livestock and products							
Beef cattlecwt	90.00	89.20	80.40	92.00	113.00	122.00	125.00
Broilerspound	0.439	0.466	0.453	0.492	0.459	0.511	0.604
Calvescwt	122.00	114.00	108.00	121.00	142.00	173.00	174.00
Eggsdozen	0.929	1.060	0.823	0.857	0.968	0.998	1.090
All hogscwt	46.70	47.70	42.00	55.10	66.50	64.20	67.20
Turkeyspound	0.520	0.564	0.499	0.612	0.680	0.719	0.665

See footnote(s) at end of table.

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Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Simple average of monthly prices]

Commodity and unit	2014	2015	2016	2006-2015 Average	2007-2016 Average	
					As computed	For parity purposes ¹
Prices received index, 1910-1914=100	1,114	1,019	922	957	976	1,017
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic commodities						
Corn	4.11	3.71	3.48	4.47	4.59	4.59
Cotton, Upland	0.749	0.619	0.647	0.660	0.677	0.677
All wheat	6.33	5.28	4.11	6.22	6.23	6.23
Peanuts	0.23	0.21	0.19	0.23	0.23	0.23
Rice	15.60	12.50	11.50	13.60	13.90	13.90
Small chickpeas	21.60	21.60	26.90	22.30	23.50	23.50
Large chickpeas	28.80	29.10	32.50	32.40	32.90	32.90
Lentils	21.10	28.60	33.50	23.60	25.90	25.90
Designated nonbasic commodities						
All milk	24.00	17.10	16.20	17.90	18.30	18.30
Other nonbasic commodities						
Field crops and miscellaneous						
All barley	5.65	5.24	5.17	4.81	5.05	5.05
All dry beans	35.80	29.90	29.00	31.90	32.90	32.90
Flaxseed	13.20	10.60	8.01	11.40	11.70	11.70
All hay, baled	178.00	151.00	133.00	146.00	149.00	149.00
Oats	3.54	2.54	2.07	2.94	2.97	2.97
Sorghum	7.41	7.29	5.38	7.73	7.83	7.83
Soybeans	12.50	9.49	9.39	10.70	11.10	11.10
All sunflower	21.60	22.50	19.10	21.40	22.10	22.10
Fruit						
Apples, fresh ²	0.376	0.317	0.434	0.332	0.349	0.349
Livestock and products						
Beef cattle	153.00	148.00	120.00	110.00	113.00	113.00
Broilers	0.638	0.529	0.486	0.495	0.508	0.508
Calves	255.00	263.00	166.00	161.00	164.00	164.00
Eggs	1.250	1.650	0.767	1.020	1.040	1.040
All hogs	77.10	53.50	49.60	56.60	57.00	57.00
Turkeys	0.732	0.811	0.825	0.628	0.663	0.663

¹ Includes an allowance for price support operations as authorized by the Secretary of Agriculture, January 30, 1956. This entry is omitted for commodities not affected by the adjustment.

² Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2007	2008	2009	2010	2011	2012
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pima pound	0.988	0.990	1.170	1.790	1.450	1.240
Tobacco						
Flue-cured 11-14 pound	1.527	1.757	1.754	1.690	1.682	1.983
Fire-cured 21-23 pound	2.401	2.460	2.468	2.467	2.557	2.578
Burley 31 pound	1.601	1.669	1.709	1.549	1.751	1.968
Maryland 32 pound	(D)	(D)	1.600	1.550	1.550	(D)
Dark air-cured 35-37 pound	2.197	2.246	2.242	2.242	2.278	2.287
Pennsylvania seedleaf, 41 pound	1.650	1.700	1.700	1.750	1.700	1.950
Designated nonbasic commodities						
Honey pound	1.077	1.421	1.473	1.619	1.765	1.992
Wool and mohair ¹						
Wool pound	0.870	0.980	0.790	1.150	1.670	1.520
Mohair pound	3.64	3.31	2.65	3.49	4.16	3.89
Other nonbasic commodities						
Field crops and miscellaneous						
Canola cwt	18.30	18.70	16.20	19.30	24.00	26.50
Cottonseed ton	162.00	223.00	158.00	161.00	260.00	252.00
Hops pound	2.99	4.03	3.57	3.28	3.14	3.17
Mustard seed cwt	28.00	43.80	30.40	25.90	33.60	35.80
Peppermint oil pound	13.60	15.90	20.10	20.30	23.10	24.10
Potatoes cwt	7.51	9.09	8.25	9.20	9.41	8.63
Rapeseed cwt	17.70	25.30	26.30	23.40	27.00	26.10
Rye bushel	5.01	6.35	5.06	5.18	7.81	7.69
Safflower cwt	18.60	24.80	17.10	17.20	24.40	27.60
Spearmint oil pound	12.60	14.90	16.50	16.20	18.60	19.50
Sweet potatoes cwt	18.30	21.20	21.80	19.80	18.80	17.40

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2013	2014	2015	2016	Ten-year Average	
					2006-2015 Period	2007-2016 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pimapound	1.720	1.550	1.180	1.383	1.300	1.350
Tobacco						
Flue-cured 11-14pound	2.115	2.026	1.873	1.970	1.790	1.840
Fire-cured 21-23pound	2.625	2.673	2.683	2.698	2.530	2.560
Burley 31pound	2.061	1.942	1.929	1.939	1.780	1.810
Maryland 32pound	1.900	1.950	1.800	1.910	1.690	1.730
Dark air-cured 35-37pound	2.352	2.380	2.366	2.380	2.280	2.300
Pennsylvania seedleaf, 41pound	2.100	2.100	2.200	2.520	1.840	1.940
Designated nonbasic commodities						
Honeypound	2.141	2.173	2.090	(NA)	1.560	(NA)
Wool and mohair ¹						
Woolpound	1.450	1.460	1.450	1.450	1.200	1.280
Mohairpound	4.23	4.85	5.30	4.56	3.91	4.01
Other nonbasic commodities						
Field crops and miscellaneous						
Canola cwt	20.60	16.90	15.60	16.40	18.80	19.30
Cottonseed ton	246.00	194.00	227.00	194.00	199.00	208.00
Hopspound	3.35	3.67	4.38	5.72	3.36	3.73
Mustard seed cwt	37.20	34.80	31.80	32.80	31.50	33.40
Peppermint oilpound	23.90	23.00	21.80	20.90	19.90	20.70
Potatoes cwt	9.75	8.88	8.76	(NA)	8.51	(NA)
Rapeseed cwt	25.10	34.90	43.20	25.20	26.40	27.40
Rye bushel	7.95	7.74	6.50	5.15	6.26	6.44
Safflower cwt	27.90	25.00	24.50	20.70	22.10	22.80
Spearmint oilpound	18.90	19.80	18.30	17.40	16.70	17.30
Sweet potatoes cwt	24.10	23.90	21.80	22.40	20.50	21.00

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2007	2008	2009	2010	2011	2012
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruit box	5.19	4.80	4.37	6.76	7.09	7.65
Lemons box	15.98	26.59	8.32	11.29	10.93	15.13
Oranges box	9.84	6.74	6.62	7.67	8.31	10.14
Tangerines box	14.81	14.25	14.77	14.70	17.74	19.16
Deciduous and other fruit						
Apples ³						
Processing ton	190.00	198.00	132.00	187.00	226.00	281.00
Apricots						
Fresh ⁴ ton	829.00	918.00	1,150.00	1,350.00	1,050.00	1,140.00
Processing ³						
Dried (California) ⁵ ton	1,510.00	2,360.00	2,970.00	2,860.00	2,720.00	2,470.00
Excluding dried ton	325.00	350.00	371.00	368.00	357.00	411.00
Avocados ton	1,770.00	1,850.00	1,440.00	2,750.00	1,540.00	(NA)
Cherries						
Sweet ton	1,820.00	2,390.00	1,330.00	2,330.00	2,530.00	2,020.00
Tart pound	0.273	0.377	0.192	0.222	0.300	0.594
Cranberries barrel	50.70	58.10	44.20	43.90	44.80	47.90
Dates (California) ton	2,290.00	1,260.00	1,180.00	1,270.00	1,320.00	1,340.00
Grapes						
Raisin varieties						
Dried (California) ⁵ ton	1,040.00	1,130.00	1,130.00	1,510.00	1,660.00	1,880.00
Wine, processing (California) ton	565.00	610.00	612.00	574.00	637.00	773.00
Kiwifruit ⁶ ton	950.00	888.00	847.00	768.00	775.00	1,020.00
Nectarines						
Fresh ^{6 7} ton	340.00	367.00	631.00	553.00	582.00	767.00
Olives (California)						
Processing ⁸						
Crushed for oil ton	775.00	670.00	540.00	532.00	556.00	550.00
Excluding crushed ton	643.00	705.00	814.00	692.00	987.00	1,040.00
Canning ⁸ ton	700.00	767.00	855.00	862.00	1,060.00	1,110.00

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2013	2014	2015	2016	Ten-year Average	
					2006-2015 Period	2007-2016 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruitbox	6.52	7.25	7.44	10.58	6.58	6.77
Lemonsbox	12.05	25.40	25.10	27.04	16.10	17.80
Orangesbox	8.27	11.64	10.60	9.65	8.59	8.95
Tangerinesbox	22.48	27.96	18.85	24.39	17.50	18.90
Deciduous and other fruit						
Apples ³						
Processington	197.00	178.00	201.00	(NA)	192.00	(NA)
Apricots						
Fresh ⁴ton	1,190.00	1,360.00	1,570.00	(NA)	1,150.00	(NA)
Processing ³						
Dried (California) ⁵ton	2,980.00	2,410.00	3,990.00	(NA)	2,490.00	(NA)
Excluding driedton	451.00	488.00	652.00	(NA)	370.00	(NA)
Avocadoston	1,970.00	1,880.00	1,320.00	(NA)	1,780.00	(NA)
Cherries						
Sweetton	2,610.00	2,140.00	2,250.00	(NA)	2,080.00	(NA)
Tartpound	0.359	0.355	0.347	(NA)	0.313	(NA)
Cranberriesbarrel	32.40	30.90	31.60	(NA)	42.90	(NA)
Dates (California)ton	1,220.00	1,510.00	1,560.00	(NA)	1,500.00	(NA)
Grapes						
Raisin varieties						
Dried (California) ⁵ton	1,630.00	1,710.00	1,620.00	(NA)	1,380.00	(NA)
Wine, processing (California)ton	753.00	759.00	679.00	(NA)	645.00	(NA)
Kiwifruit ⁶ton	1,110.00	1,190.00	1,340.00	(NA)	908.00	(NA)
Nectarines						
Fresh ⁶ton	837.00	906.00	945.00	(NA)	601.00	(NA)
Olives (California)						
Processing ⁸						
Crushed for oilton	582.00	614.00	723.00	(NA)	575.00	(NA)
Excluding crushedton	1,000.00	1,020.00	1,120.00	(NA)	832.00	(NA)
Canning ⁸ton	1,110.00	1,170.00	1,300.00	(NA)	923.00	(NA)

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2007	2008	2009	2010	2011	2012
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii) pound	0.417	0.455	0.467	0.380	0.350	(NA)
Peaches						
Fresh ⁴ ton	706.00	684.00	811.00	788.00	825.00	967.00
Processing ³						
Dried (California) ton	530.00	452.00	359.00	278.00	411.00	327.00
Excluding dried						
Clingstone (California) ton	304.00	347.00	338.00	325.00	303.00	348.00
Freestone ton	235.00	239.00	263.00	257.00	261.00	254.00
Pears						
Fresh ⁹ ton	534.00	589.00	458.00	599.00	451.00	656.00
Processing ³						
Excluding dried ton	214.00	227.00	224.00	243.00	237.00	238.00
Plums (California)						
Fresh ton	(D)	(D)	(D)	(D)	(D)	(D)
Processing ton	(D)	(D)	(D)	(D)	(D)	(D)
Prunes, dried (California) ³ ton	1,450.00	1,500.00	1,230.00	1,350.00	1,310.00	1,330.00
Strawberries						
Fresh ^{10 11} pound	0.821	0.841	0.861	0.908	0.940	0.918
Processing ton	27.700	36.000	30.900	29.200	34.800	33.400
Sugar crops ¹²						
Sugarbeets ton	42.00	48.10	51.50	66.90	69.40	66.40
Sugarcane for sugar ton	29.40	29.50	34.80	41.70	47.20	41.90

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2013	2014	2015	2016	Ten-year Average	
					2006-2015 Period	2007-2016 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii) pound	0.360	0.490	0.420	(NA)	0.405	(NA)
Peaches						
Fresh ⁴ ton	956.00	1,190.00	1,100.00	(NA)	842.00	(NA)
Processing ³						
Dried (California) ton	419.00	493.00	588.00	(NA)	458.00	(NA)
Excluding dried						
Clingstone (California) ton	364.00	369.00	470.00	(NA)	324.00	(NA)
Freestone ton	288.00	360.00	418.00	(NA)	258.00	(NA)
Pears						
Fresh ⁹ ton	599.00	703.00	765.00	(NA)	558.00	(NA)
Processing ³						
Excluding dried ton	276.00	287.00	346.00	(NA)	234.00	(NA)
Plums (California)						
Fresh ton	(D)	(D)	(D)	(NA)	(D)	(NA)
Processing ton	(D)	(D)	(D)	(NA)	(D)	(NA)
Prunes, dried (California) ³ ton	2,000.00	2,470.00	2,010.00	(NA)	1,550.00	(NA)
Strawberries						
Fresh ^{10 11} pound	0.965	1.050	0.799	0.822	0.883	0.893
Processing ton	34.900	42.600	44.000	44.000	34.200	35.800
Sugar crops ¹²						
Sugarbeets ton	46.60	46.00	47.20	(NA)	52.50	(NA)
Sugarcane for sugar ton	31.40	34.70	31.00	(NA)	34.90	(NA)

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2007	2008	2009	2010	2011	2012
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts ¹³						
Almonds pound	1.75	1.45	1.65	1.79	1.99	2.58
Hazelnuts ton	2,040.00	1,620.00	1,690.00	2,410.00	2,330.00	1,830.00
Pecans, all pound	1.120	1.340	1.430	2.300	2.430	1.570
Pistachio, all pound	1.41	2.05	1.67	2.22	1.98	2.61
Walnuts ton	2,290.00	1,280.00	1,710.00	2,040.00	2,900.00	3,030.00
Mushrooms, all pound	1.16	1.18	1.17	1.17	1.18	1.22
Vegetables, fresh ¹⁰						
Asparaguscwt	98.90	103.00	108.00	122.00	122.00	117.00
Broccolicwt	36.70	36.20	39.80	37.60	35.40	33.80
Carrotscwt	22.10	24.50	25.20	26.60	32.50	26.60
Cauliflowercwt	34.40	40.70	44.30	41.80	46.80	35.90
Celery ¹⁴cwt	20.80	18.70	20.40	18.90	20.00	18.40
Honeydew melonscwt	17.70	17.80	15.60	15.50	22.10	20.70
Lettucecwt	21.70	20.10	22.40	21.10	23.00	17.70
Onions ¹⁴cwt	11.10	11.90	15.00	15.60	10.90	14.20
Sweet corncwt	22.70	26.00	29.50	25.90	26.70	26.30
Tomatoescwt	34.80	45.30	40.40	48.20	36.10	30.50
Vegetables, processing ³						
Asparagus ton	1,260.00	1,360.00	1,330.00	1,360.00	1,510.00	1,570.00
Green peas ton	259.00	360.00	319.00	287.00	416.00	434.00
Snap beans ton	168.00	219.00	191.00	192.00	235.00	271.00
Sweet corn ton	81.80	120.00	104.00	85.30	116.00	127.00
Tomatoes ton	71.20	79.80	87.20	72.50	75.60	76.70

See footnote(s) at end of table.

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Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2007-2016 (continued)

[Average used to compute "adjusted base prices". Averages for 2016 and 2007-2016 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2013	2014	2015	2016	Ten-year Average	
					2006-2015 Period	2007-2016 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts ¹³						
Almondspound	3.21	4.00	2.84	(NA)	2.33	(NA)
Hazelnutston	2,680.00	3,600.00	2,800.00	(NA)	2,150.00	(NA)
Pecans, allpound	1.730	1.960	2.200	(NA)	1.690	(NA)
Pistachio, allpound	3.48	3.57	2.48	(NA)	2.29	(NA)
Walnutston	3,710.00	3,340.00	1,620.00	(NA)	2,360.00	(NA)
Mushrooms, allpound	1.24	1.24	1.28	1.26	1.19	1.21
Vegetables, fresh ¹⁰						
Asparaguscwt	131.00	106.00	116.00	113.00	111.00	114.00
Broccolicwt	43.20	40.70	49.10	38.20	38.60	39.10
Carrotscwt	28.60	27.10	30.50	34.70	26.40	27.80
Cauliflowercwt	44.50	50.10	61.50	58.70	43.20	45.90
Celery ¹⁴cwt	25.80	17.20	25.10	21.20	20.40	20.70
Honeydew melonscwt	20.90	23.70	22.60	19.20	19.50	19.60
Lettucecwt	26.70	24.40	29.10	27.70	22.30	23.40
Onions ¹⁴cwt	15.00	13.60	16.40	16.70	14.00	14.00
Sweet corncwt	28.20	28.70	28.20	28.20	26.50	27.00
Tomatoescwt	44.60	41.50	46.30	40.70	41.10	40.80
Vegetables, processing ³						
Asparaguston	1,570.00	1,530.00	1,650.00	1,670.00	1,430.00	1,480.00
Green peaston	427.00	367.00	320.00	258.00	344.00	345.00
Snap beanston	320.00	250.00	233.00	200.00	224.00	228.00
Sweet cornton	140.00	113.00	103.00	91.80	106.00	108.00
Tomatoeston	90.10	99.30	94.20	82.80	81.30	82.90

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

¹ Average local market price; does not include incentive payment per pound, the 2006-2015 and 2007-2016 averages for parity purposes include this allowance.

² Consistent with legislation quoted in this report, citrus prices shown for 2016 relate to the citrus crop designated as 2015-2016 in the production reports.

³ Equivalent returns at processing plant door.

⁴ Based on "as sold" prices for fresh fruit in all states.

⁵ Dried basis.

⁶ Equivalent returns at packinghouse-door. Includes some processing beginning in 2002.

⁷ Processed estimates discontinued in 2009.

⁸ Equivalent returns for bulk fruit at first delivery point.

⁹ Equivalent packinghouse-door returns for California, New York (applies only starting in 1985), Oregon (except peaches), and Washington. Prices "as sold" for other states.

¹⁰ Average F.O.B. shipping point prices.

¹¹ Includes strawberries for processing in states where the processing crop is not estimated separately.

¹² Prices include average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

¹³ Prices on in-shell basis except almonds which are on shelled basis.

¹⁴ Includes some processing.

Reliability of Prices Received Estimates

Definition: Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

Survey procedures: Primary sales data used to determine grain prices were obtained from probability samples of about 1,900 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total United States production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total sales. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

Summary and estimation procedures: Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a United States price based on expanded sales. Recommendations are prepared by the Regional Field Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

Revisions: In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of *Agricultural Prices*.

Reliability: United States price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors at around five percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program Changes: After the Council on Food, Agricultural and Resource Economics (C-FARE) 2009 program review which included changes in farm production practices, plans were implemented to make necessary program improvements in the agricultural price program. The index group structure for prices received was modified to maintain a more universal structure and consistency with the required 1910-1914 series.

Modifications implemented January 2014 include the following: update the current 1990-1992 base reference period to 2011, link the 1910-1914 series to the updated base reference period, 2011, create index groups used universally by researchers, data users, and policymakers, re-classify agricultural commodities into the index groups, expand the commodity coverage for vegetable, melon, non-citrus, and tree nuts, update monthly market weights, and adjust (normalization) current five year moving average cash receipts and farm input cost weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

January Prices Paid by Farmers

The January Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 106.5, is up 1.9 percent from December 2016 but is down 0.2 percent from January 2016.

Production: The January index, at 104.3, is up 2.2 percent from December but is 1.3 percent lower than last year. Higher prices for feeder pigs, other services, feeder cattle, and interest more than offset lower prices for milk cows, repairs, hay & forages, and complete feeds.

Feed: At 100.7, the January index was unchanged from December but is down 0.2 percent from last January. Since December, lower prices for complete feeds, hay & forages, and supplements offset higher prices for feed grains and concentrates.

Livestock and poultry: The January index, at 101.5, increased 4.3 percent from December but is down 15 percent from last year. Since December, higher prices for feeder pigs and feeder cattle more than offset lower prices for milk cows. The January feeder cattle price, at \$135.00 per cwt, is up \$4.00 per cwt from the December price. January feeder pigs averaged \$167.00 per cwt, up \$47.00 per cwt from December.

Fertilizer: The index for January, at 67.6, is up 0.9 percent from December but is 16 percent below January a year ago. Since December, prices were higher for mixed fertilizer, nitrogen, and potash & phosphate.

Chemicals: The January index, at 105.1, is down 0.1 percent from December and is down 3.1 percent from last January.

Fuels: At 67.9, the January index is up 6.6 percent from December and is 37 percent above January 2016. Compared with December, prices are higher for LP gas, gasoline, and diesel.

Machinery: The index for January, at 115.2, increased 0.1 percent from December and is 0.7 percent above last January. Compared with last month, prices are higher for other machinery.

Consumer Price Index: The January 2017 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.5 percent over the last 12 months to an index level of 242.839 (1982-1984=100). For the month, the index increased 0.6 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: January 2017 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group and Ratios	1910-1914 Base			2011 Base		
	January 2016	December 2016	January 2017	January 2016	December 2016	January 2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2888	2827	2881	106.7	104.5	106.5
Production	2201	2125	2171	105.7	102.1	104.3
Feed	1112	1110	1110	100.9	100.7	100.7
Livestock and poultry	2361	1922	2003	119.6	97.3	101.5
Seeds	3755	3643	3643	114.3	110.9	110.9
Fertilizer	964	807	814	80.0	67.0	67.6
Chemicals	975	945	944	108.5	105.2	105.1
Fuels	1388	1781	1900	49.6	63.7	67.9
Supplies and repairs	1246	1261	1256	105.7	106.9	106.5
Autos and trucks	3255	3260	3292	105.9	106.1	107.1
Machinery	6990	7036	7042	114.4	115.1	115.2
Building materials	2487	2518	2530	106.9	108.2	108.7
Services and rent	2464	2470	2495	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	115.2	115.6	117.6
Rent	(NA)	(NA)	(NA)	117.3	117.3	117.3
Interest ¹	3827	3827	4070	105.0	105.0	111.6
Taxes ²	7287	7287	7287	122.8	122.8	122.8
Wage rates	8210	8479	8479	114.7	118.4	118.4
Family living-CPI ³	2251	2293	2307	105.3	107.4	108.0
Production, interest, taxes, and wage rates (PITW)	3015	2933	2996	106.9	104.0	106.2
Ratio (received/paid)	(NA)	(NA)	(NA)	83	85	81
Parity ratio ⁴	32	32	31	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	33	33	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1419	1430	1495	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	106.2	105.3	107.3
Livestock sector (PPITW)	(NA)	(NA)	(NA)	107.3	103.6	105.6
Farm sector (production)	(NA)	(NA)	(NA)	109.7	101.2	102.8
Non-farm sector (production)	(NA)	(NA)	(NA)	103.1	102.7	105.3

(NA) Not available.

¹ Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

² Farm real estate taxes payable per acre.

³ Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by the USDA.

⁴ Ratio of index of prices received to PPITW (1910-1914=100).

⁵ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.026 for 2017 and the revised factor is 1.026 for 2016.

⁶ PPITW is adjusted based on productivity trend for the prior 15 years.

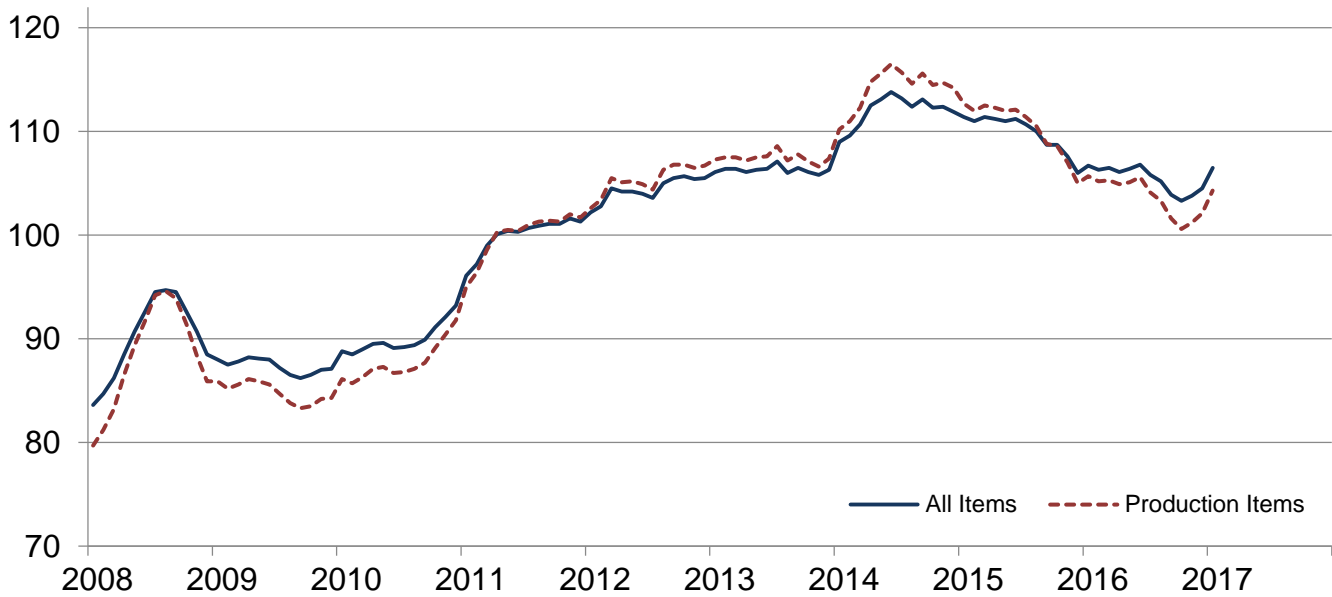
Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: January 2017 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Relative weights are a five year moving average]

Index Group	Relative weights		Indexes (2011=100)		
	2016	2017	January 2016	December 2016	January 2017
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	75.6	74.9	105.7	102.1	104.3
Feed	14.5	13.4	100.9	100.7	100.7
Feed grains	2.1	1.9	61.2	55.7	56.6
Complete feeds	7.1	6.6	110.7	110.3	110.1
Hay and forages	1.8	1.7	89.3	83.8	83.2
Concentrates	2.3	2.1	106.3	116.4	116.7
Supplements	1.2	1.1	118.9	117.3	117.2
Livestock and poultry	10.5	10.3	119.6	97.3	101.5
Feeder cattle	8.2	8.0	120.0	95.9	98.2
Feeder pigs	0.8	0.8	119.3	85.7	119.3
Milk cow replacements	0.9	0.9	128.9	119.0	114.1
Poultry	0.6	0.6	102.9	102.9	102.9
Seeds	5.0	5.1	114.3	110.9	110.9
Field crops	4.5	4.6	113.7	109.5	109.5
Grasses and legumes	0.5	0.5	119.9	124.0	124.0
Fertilizer	6.2	5.8	80.0	67.0	67.6
Mixed fertilizer	2.7	2.6	77.8	71.0	71.5
Nitrogen	2.6	2.4	83.5	63.9	64.5
Potash and phosphate	0.9	0.8	76.5	63.9	64.7
Chemicals	3.2	3.3	108.5	105.2	105.1
Herbicides	2.0	2.0	110.2	107.0	106.9
Insecticides	0.7	0.8	108.9	105.5	105.4
Fungicides and other	0.5	0.5	100.6	96.5	96.5
Fuels	3.7	2.5	49.6	63.7	67.9
Diesel	2.3	1.6	48.3	56.5	58.1
Gasoline	0.8	0.5	54.2	62.1	64.6
LP gas	0.6	0.4	48.9	92.1	108.6
Supplies and repairs	4.2	4.4	105.7	106.9	106.5
Supplies	1.4	1.5	106.2	106.5	106.7
Repairs	2.8	2.9	105.4	107.0	106.4
Autos and trucks	1.2	1.2	105.9	106.1	107.1
Autos	0.2	0.1	101.5	100.8	102.0
Trucks	1.0	1.1	106.6	106.8	107.9
Machinery	5.5	5.6	114.4	115.1	115.2
Tractors	1.2	1.2	110.5	111.3	111.3
Self-propelled	2.2	2.3	117.8	119.0	119.0
Other machinery	2.1	2.1	113.0	113.3	113.6
Building materials	3.7	3.9	106.9	108.2	108.7
Services	10.8	11.5	115.2	115.6	117.6
Custom rates	1.1	1.2	111.6	111.6	111.6
Other services	9.7	10.3	115.6	116.1	118.3
Rent	7.1	7.9	117.3	117.3	117.3
Cash	3.8	4.3	130.4	130.4	130.4
Share	3.3	3.6	102.2	102.2	102.2
Interest	2.2	2.2	105.0	105.0	111.6
Taxes	2.8	3.2	122.8	122.8	122.8
Wage rates	6.2	6.5	114.7	118.4	118.4
Family living-CPI	13.2	13.2	105.3	107.4	108.0

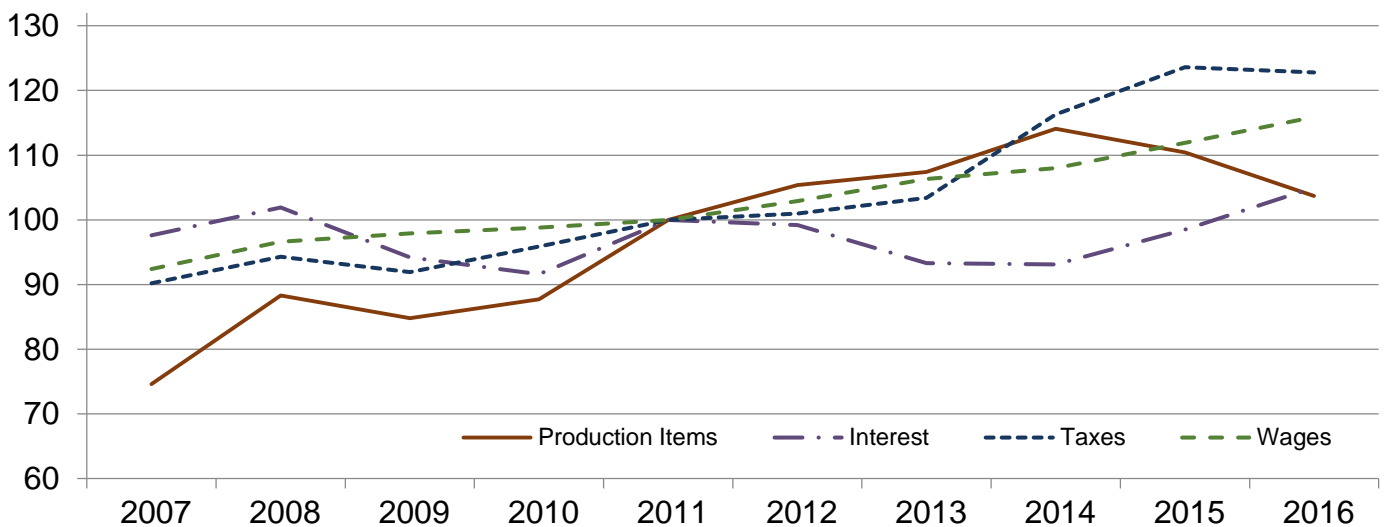
Paid Indexes by Month, All Items and Production Items – United States: 2011=100

Percent

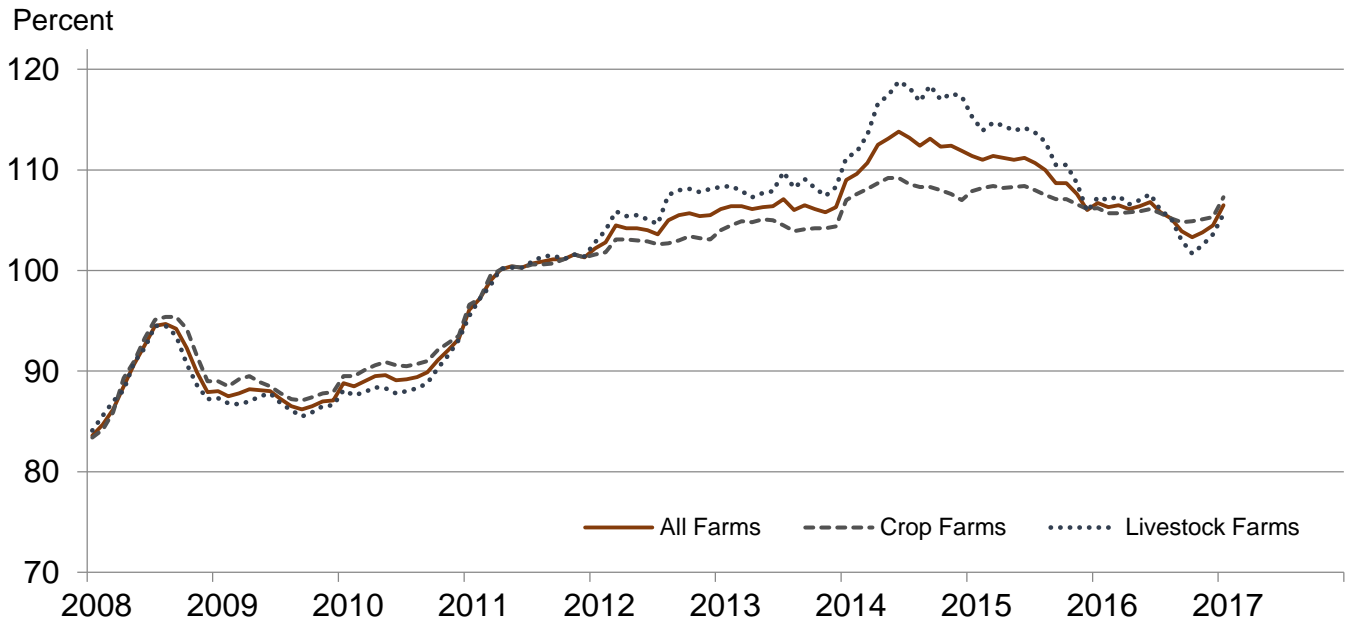


Paid Indexes, Annual Averages, Production Items, Interest, Taxes, and Wages – United States: 2011=100

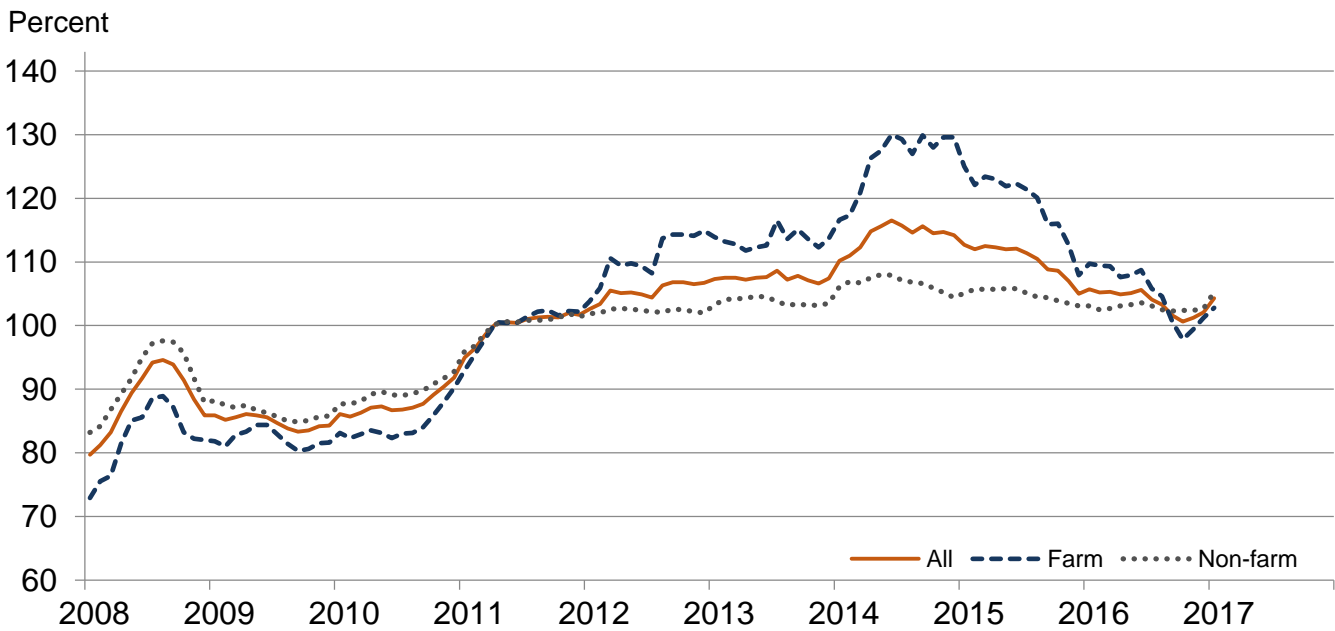
Percent



Paid Indexes by Farm Type and Month, All Items – United States: 2011=100

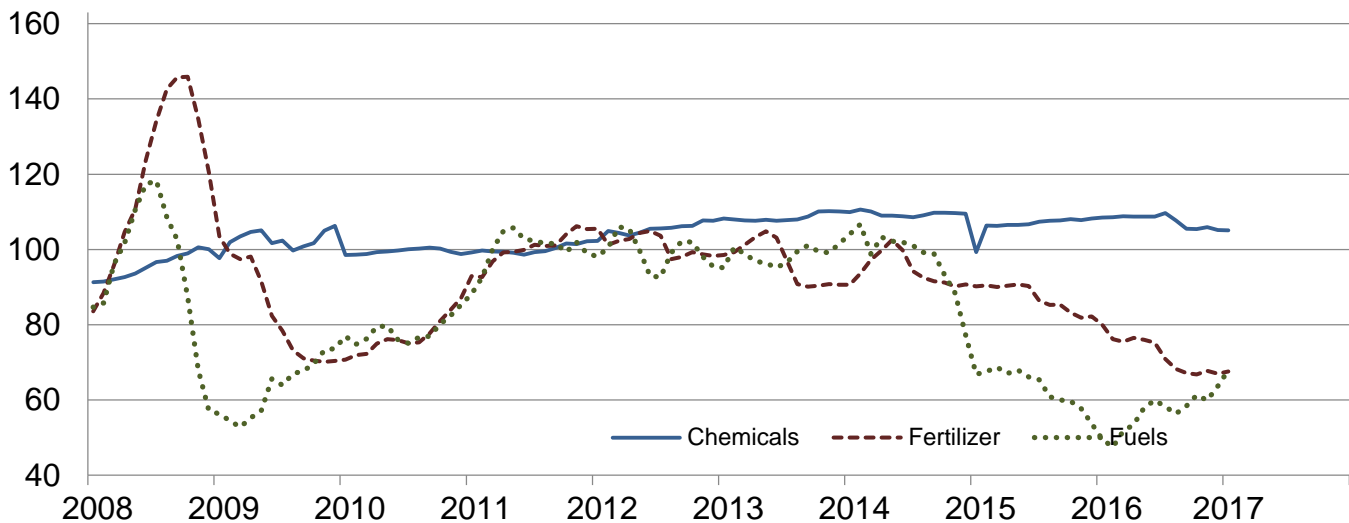


Paid Indexes by Origin and Month, All Production Items – United States: 2011=100



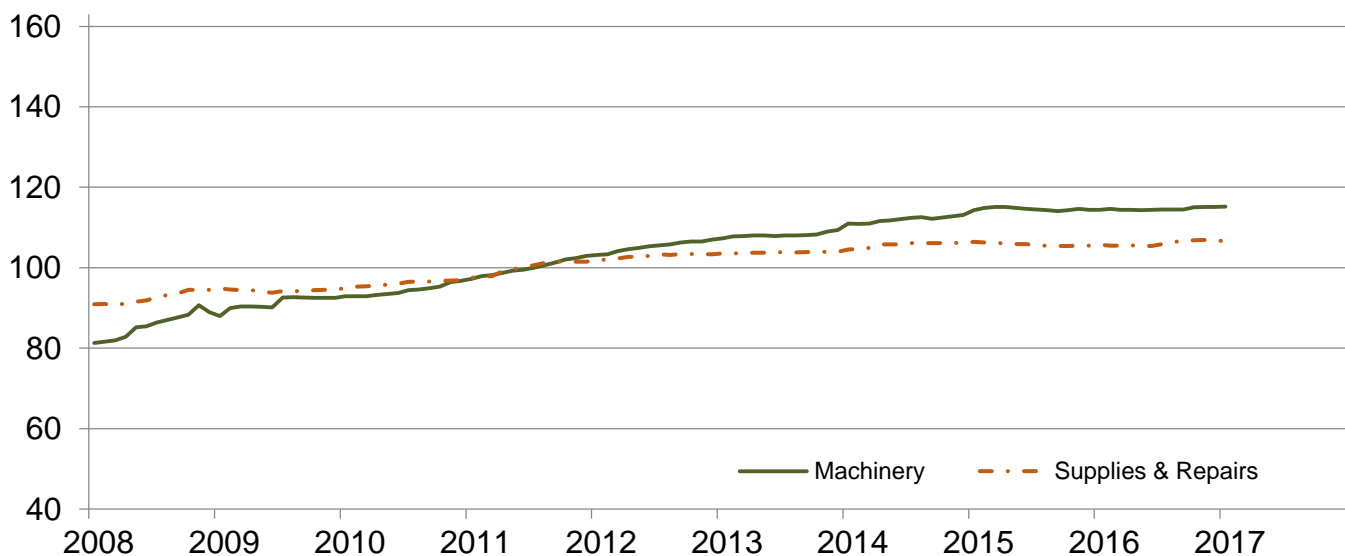
Paid Indexes by Non-farm Origin and Month, Chemicals, Fertilizer, and Fuels – United States: 2011=100

Percent

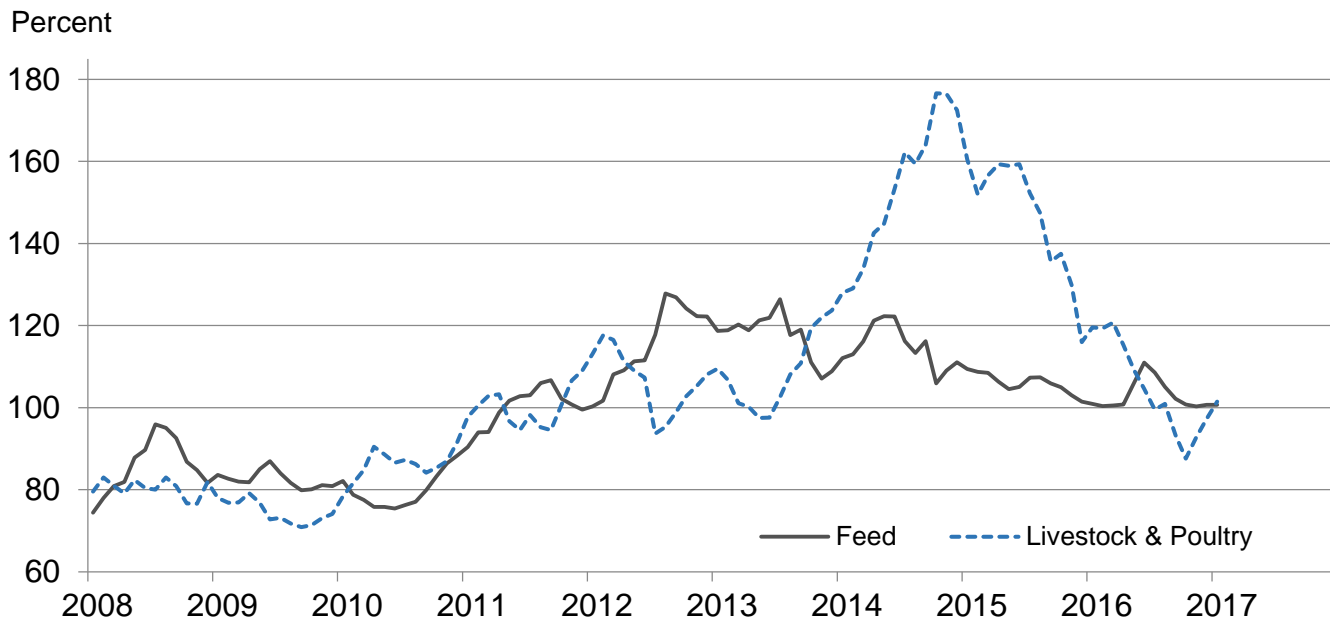


Paid Indexes by Non-farm Origin and Month, Machinery and Supplies & Repairs – United States: 2011=100

Percent



Paid Indexes by Farm Origin and Month, Feed and Livestock & Poultry – United States: 2011=100



Feed Price Ratios – United States: January 2017 with Comparisons

Feed price ratio ¹	January 2016	December 2016	January 2017
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.2	4.7	4.7
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	11.4	12.0	6.7
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	11.9	12.9	14.1
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	2.18	2.70	2.69
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	36.1	33.9	35.0
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	8.7	8.3	7.6

¹ Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

² The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

³ The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

⁴ The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

⁵ The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

Prices Received Used to Calculate Feed Price Ratios – United States: January 2017 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

Item	January 2016	December 2016	January 2017
	(dollars)	(dollars)	(dollars)
Broilers, live pound	0.510	0.480	0.490
Eggs, market dozen	0.969	1.02	0.572
Hogs, allcwt	43.60	43.10	48.10
Milk, allcwt	16.10	18.80	18.90
Steers and heiferscwt	132.00	113.00	119.00
Turkeys, live pound	0.789	0.744	0.689
Corn bushel	3.66	3.33	3.40
Hay, alfalfa ton	141.00	129.00	128.00
Soybeans bushel	8.71	9.64	9.71
Wheat, all bushel	4.82	3.91	4.02

Prices Paid for Feeder Livestock – United States: January 2017 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	January 2016	December 2016	January 2017
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	164.00	131.00	135.00
Feeder pigscwt	167.00	120.00	167.00

Reliability of Prices Paid Estimates

Definition: Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

Survey procedures: The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for most items is the five business days centered at the 15th of the month. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

Summary and estimation procedures: The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

Revisions: Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

Reliability: Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program change: Effective January 2014, the National Agricultural Statistics Service modified the five-year moving weights and updated the base reference period. In January 2015, publication of preliminary prices was suspended, and the annual average index was replaced by an annual index.

As of January 2014, the 1990-1992 base reference period was updated to 2011. Five-year moving average weights are adjusted (normalized) to minimize the effects of price changes. The 1910-1914=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 2011=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The April 2015 program update discontinued publication of the annual March survey prices paid data.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

Information Contacts

General

Jody McDaniel, Chief, Environmental, Economics and Demographics Branch (202) 720-6146

Crop Prices Received

Lance Honig, Chief, Crops Branch (202) 720-2127

Anthony Prillaman, Head, Field Crops Section (202) 720-2127

Tony Dahlman – Oats, Soybeans (202) 690-3234

Chris Hawthorn – Corn, Flaxseed, Proso Millet (202) 720-9526

James Johanson – County Estimates, Hay (202) 690-8533

Scott Matthews – Barley, Crop Weather (202) 720-7621

Sammy Neal – Peanuts, Rice (202) 720-7688

Jean Porter – Rye, Wheat (202) 720-8068

Bianca Pruneda – Cotton, Cotton Ginnings, Sorghum (202) 720-5944

Travis Thorson – Canola, Mustard Seed, Rapeseed, Safflower, Sunflower (202) 720-7369

Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section (202) 720-2127

Vincent Davis – Cherries, Fresh and Processing Vegetables, Onions, Strawberries, Sugar Crops (202) 720-2157

Fleming Gibson – Citrus, Coffee, Tropical Fruits (202) 720-5412

Greg Lemmons – Berries, Cranberries, Potatoes, Sweet Potatoes (202) 720-4285

Dan Norris – Austrian Winter Peas, Dry Beans, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches,
Pears, Wrinkled Seed Peas (202) 720-3250

Daphne Schauber – Floriculture, Grapes, Hops, Maple Syrup, Nursery, Tree Nuts (202) 720-4215

Chris Singh – Apples, Apricots, Plums, Prunes, Tobacco (202) 720-4288

Livestock Prices Received

Dan Kerestes, Chief, Livestock Branch (202) 720-3570

Scott Hollis, Head, Livestock Section (202) 720-3570

Dave Colwell – Sheep and Goats (202) 720-8784

Michael Klamm – Cattle and Cattle on Feed (202) 720-3040

Mike Miller – Milk, Milk Cows (202) 720-3278

Seth Riggins – Hogs and Pigs (202) 720-3106

Bruce Boess, Head, Poultry and Specialty Commodities Section (202) 720-3570

Aaron Cosgrove – Turkeys (202) 690-3237

Kim Linonis – Eggs (202) 690-8632

Josh O’Rear – Honey (202) 690-3676

Miste Salmon – Broilers (202) 720-3244

Indexes, Prices Paid, and Parity Prices

Jody McDaniel, Chief, Environmental, Economics and Demographics Branch (202) 720-6146

Tony Dorn, Head, Economics Section (202) 690-3223

Daryl Brinkman – Prices Received Indexes, Parity Prices (202) 720-8844

Liana Cuffman – Prices Received Indexes, Parity Prices, Prices Paid Indexes, Prices Paid for Feed,
Fertilizer, Chemicals, Seeds, Fuels, Farm Supplies and Repairs, Farm Machinery, Feeder Livestock,
Poultry Chicks, Feed Price Ratios (202) 690-3229

Joe Hagedorn – Cash Rents, Grazing Fees (202) 690-3231

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- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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Price Program Links

Economics and Prices

http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

January 2014 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updates.pdf

January 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/update2015.pdf

April 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateApr2015.pdf

February 2016 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateFeb2016.pdf