Agricultural Prices

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March Prices Received Index Increased 3.4 Percent

The March Prices Received Index (Agricultural Production), at 94.8, increased 3.4 percent from February 2017. At 87.4, the Crop Production Index increased 0.9 percent. At 100.6, the Livestock Production Index increased 4.7 percent. Producers received higher prices for broilers, cattle, and market eggs but lower prices for milk, strawberries, and hogs. Compared with a year earlier, the Prices Received Index is up 2.4 percent. The Crop Production Index increased 6.5 percent and the Livestock Production Index is up 0.7 percent. In addition to prices, the indexes are influenced by the monthly mix of commodities producers market. Increased monthly movement of cattle, strawberries, milk, and calves offset the decreased marketing of cotton, apples, soybeans, and hay. The Food Commodities Index, at 100.4, increased 3.7 percent from the previous month and is up 3.2 percent from March 2016.

March Prices Paid Index Up 0.5 Percent

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 106.4, is up 0.5 percent from February 2017 but is down 0.1 percent from March 2016. Higher prices in March for feeder cattle, herbicides, nitrogen, and hay & forages more than offset lower prices for LP gas, field crop seeds, other services, and mixed fertilizer.

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

Index Group	March 2016	February 2017	March 2017
	(percent)	(percent)	(percent)
Prices received by farmers	92.6	91.7	94.8
Prices paid by farmers	106.5	105.9	106.4
Ratio of prices received to prices paid	88	87	90

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March Prices Received by Farmers

The March Prices Received Index for agricultural production is 94.8 percent of its 2011 base, up 3.4 percent from the February 2017 index and 2.4 percent from the March 2016 index.

Crop production: The March index, at 87.4, increased 0.9 percent from February and is 6.5 percent above March 2016. The Vegetable & Melon Index increase more than offset the Fruit & Tree Nut Index decrease.

Grain and oilseed: The March index, at 65.7, is up 0.2 percent from February and 2.0 percent higher than March 2016. The Food Grain Index and Feed Grain Index increases more than offset the lower Oilseed Index.

Feed grain: The March index, at 58.7, is up 1.4 percent from last month but is 2.3 percent lower than a year ago. The corn price, at $3.49 per bushel, is up 5 cents from last month but is down 7 cents from March 2016. At $4.89 per cwt, sorghum grain is 12 cents lower than February and down 78 cents from March a year earlier.

Food grain: At 65.4, the index for March is 4.5 percent higher than the previous month but is 4.2 percent below a year earlier. The March price for all wheat, at $4.37 per bushel, is up 22 cents from February but is down 3 cents from March 2016.

Oilseed: At 77.3, the index for March is down 1.4 percent from February but is 12 percent higher than March 2016. The soybean price, at $9.69 per bushel, is down 17 cents from February but is up $1.13 from March a year earlier.

Fruit and tree nut: The March index, at 122.4, is down 1.4 percent from February but is 4.3 percent higher than a year earlier. Price decreases during March for strawberries and apples more than offset price increases for oranges and lemons.

Vegetable and melon: At 122.7, the index for March is up 5.1 percent from the previous month and is 23 percent higher than March 2016. Price increases during March for cauliflower and broccoli more than offset price declines for lettuce and sweet corn.

Other crop: The March index, at 78.3, is up 1.2 percent from the previous month and is 4.4 percent above March 2016. The all hay price, at $132.00 per ton, is $6.00 higher than February but $4.00 lower than March 2016. At 68.8 cents per pound, the price for upland cotton is up 0.2 cents from February and 10.6 cents from March 2016.

Livestock production: The index for March, at 100.6, is up 4.7 percent from the previous month and 0.7 percent from March a year earlier. Compared with a year ago, prices are higher for milk, broilers, and hogs. Prices for cattle, calves, market eggs, and turkeys are down from a year earlier.

Meat animal: At 103.1, the March index is up 3.9 percent from the previous month but is 5.1 percent lower than a year earlier. At $53.00 per cwt, the March hog price is down $1.40 from February but is $3.00 higher than a year earlier. The March beef cattle price of $125.00 per cwt is up $6.00 from the previous month but is down $10.00 from March 2016.

Dairy: The index for March, at 86.1, is down 6.4 percent from the previous month but is 13 percent higher than March a year earlier. The March all milk price of $17.30 per cwt is down $1.20 from February but is up $2.00 from March 2016.

Poultry and egg: At 106.4, the March index is up 15 percent from February and 1.5 percent from March 2016. The March market egg price, at 55.5 cents per dozen, increased 18.2 cents from February but is down 17.6 cents from March 2016. The March broiler price, at 55.0 cents per pound, is up 7.0 cents from February and a year earlier. At 69.0 cents per pound, the March turkey price is up 1.8 cents from the previous month but is down 9.9 cents from March 2016.

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

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

Index Group	2011 Base		
	March 2016	February 2017	March 2017
	(percent)	(percent)	(percent)
Agricultural production	92.6	91.7	94.8
Crop production	82.1	86.6	87.4
Grain and oilseed	64.4	65.6	65.7
Feed grain	60.1	57.9	58.7
Food grain	68.3	62.6	65.4
Oilseed	68.9	78.4	77.3
Fruit and tree nut	117.3	124.1	122.4
Vegetable and melon	99.8	116.7	122.7
Other crop	75.0	77.4	78.3
Livestock production	99.9	96.1	100.6
Meat animal	108.6	99.2	103.1
Cattle	119.5	103.7	109.1
Hog	75.2	81.8	79.7
Dairy	76.1	92.0	86.1
Poultry and egg	104.8	92.2	106.4
Food commodity	97.3	96.8	100.4

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

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

Index Group	1910 - 1914 Base		
	March 2016	February 2017	March 2017
	(percent)	(percent)	(percent)
Agricultural production	955	946	978
Crop production	716	755	762
Livestock production	1160	1115	1168

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]

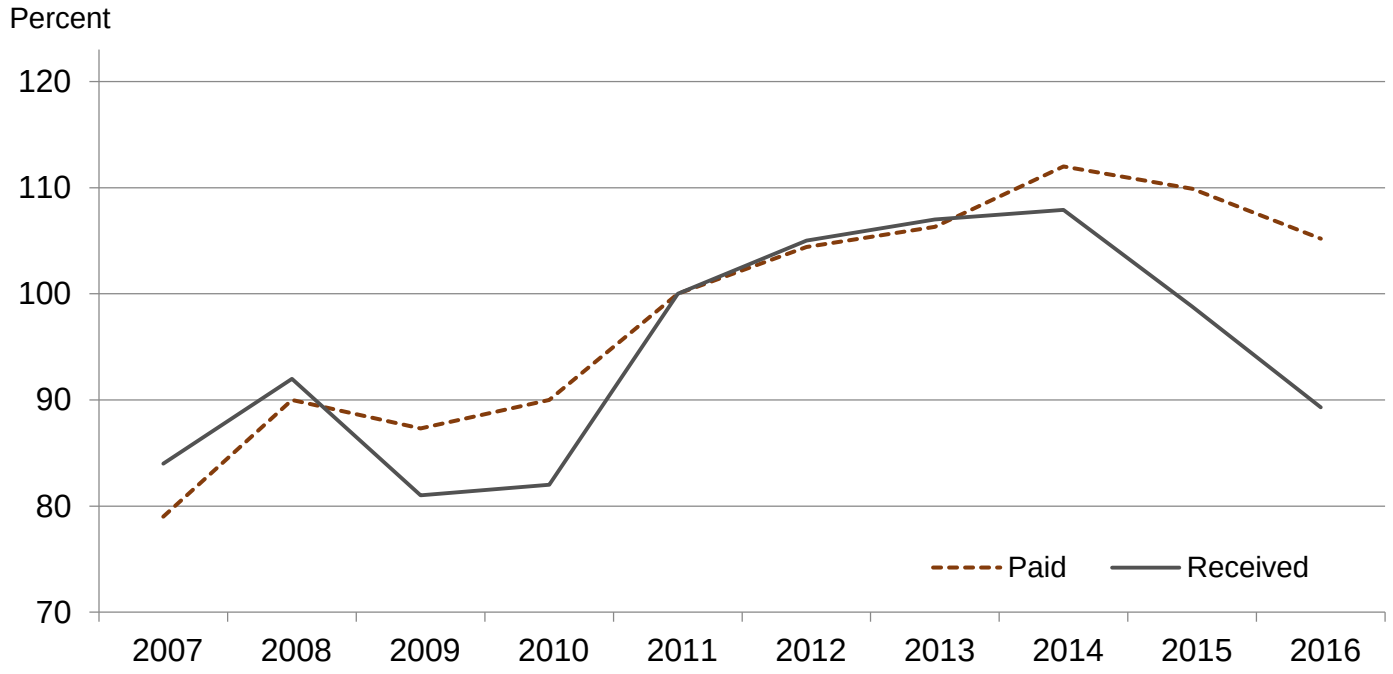
Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	88.9	86.4	79.6	78.4	99.8	96.6	95.7	93.6
February	92.5	91.7	83.7	86.6	99.2	96.1	97.5	96.8
March	92.6	94.8	82.1	87.4	99.9	100.6	97.3	100.4
April	92.6		85.7		97.4		96.4	
May	94.2		89.3		97.5		98.2	
June	92.9		86.4		97.9		96.5	
July	89.5		82.4		96.0		92.9	
August	89.3		83.6		93.9		92.8	
September	85.8		82.6		88.6		88.8	
October	80.2		78.6		82.2		83.4	
November	83.0		79.8		86.3		88.4	
December	87.9		80.9		94.5		93.2	

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

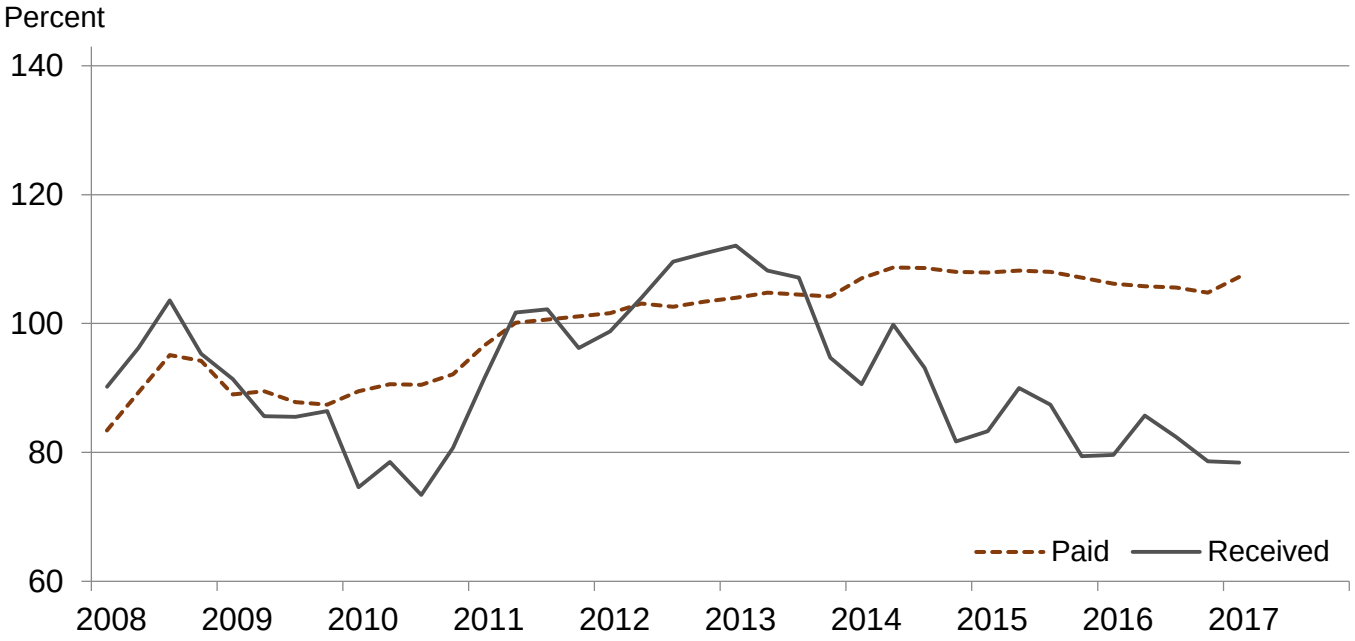
[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

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	105.8	105.8	103.5	106.2	107.2	107.3	104.4
February	106.3	105.9	105.2	103.5	105.7	107.4	107.0	104.4
March	106.5	106.4	105.4	104.1	105.7	107.6	107.4	105.1
April	106.1		104.8		105.8		106.5	
May	106.3		105.0		105.9		106.7	
June	106.6		105.3		106.0		107.2	
July	105.5		103.8		105.6		105.5	
August	104.8		102.8		105.2		104.6	
September	103.5		101.0		104.8		102.2	
October	102.9		100.0		104.8		100.8	
November	103.2		100.4		104.8		101.5	
December	103.8		101.3		105.2		102.4	

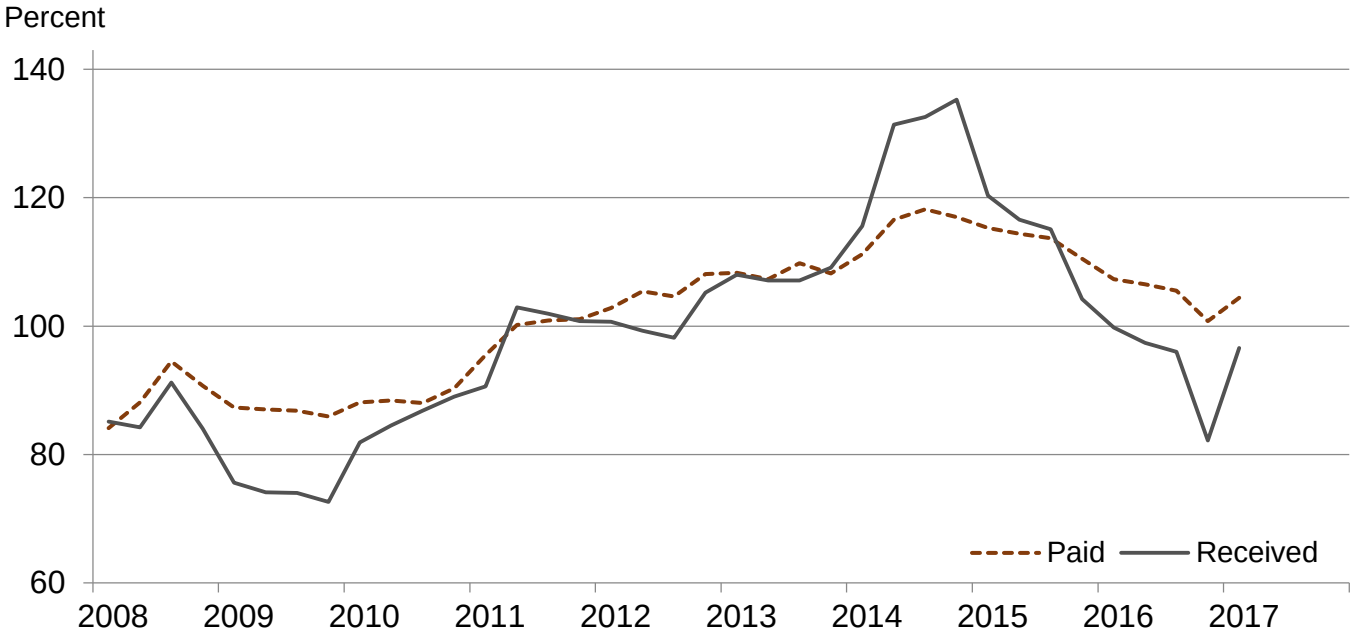
Received and Paid Indexes, Annual Average – United States: 2011=100



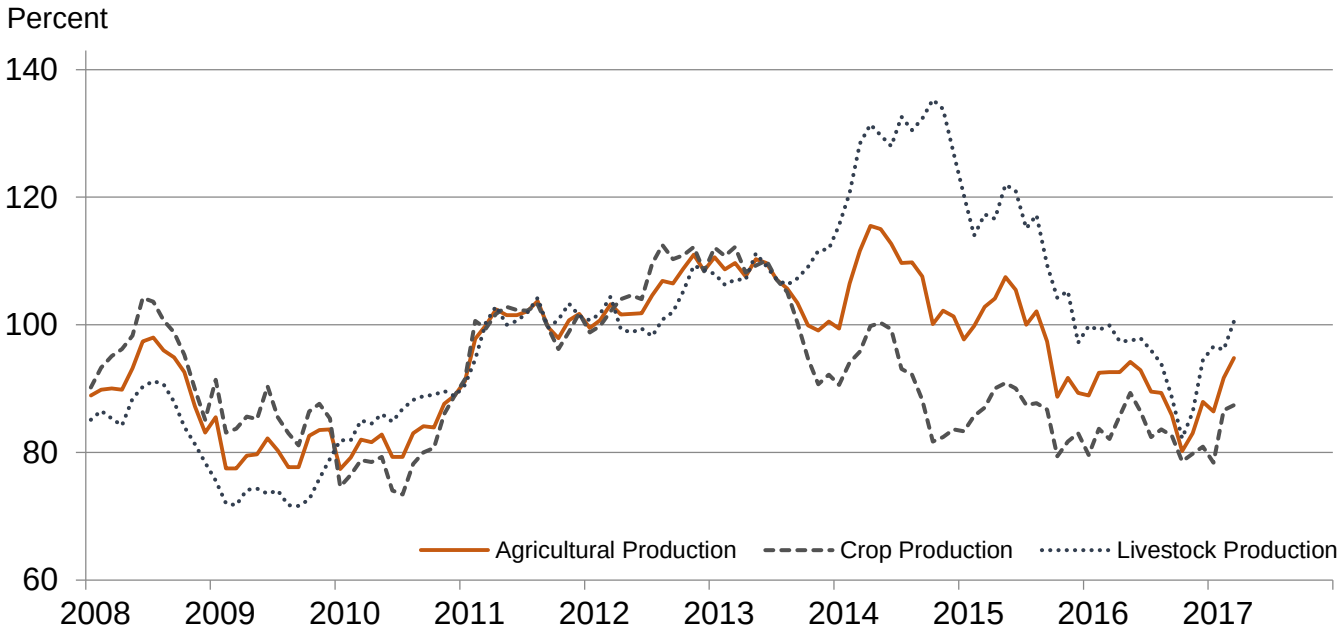
Crop Farm Received and Paid Indexes, All Items by Quarter – United States: 2011=100



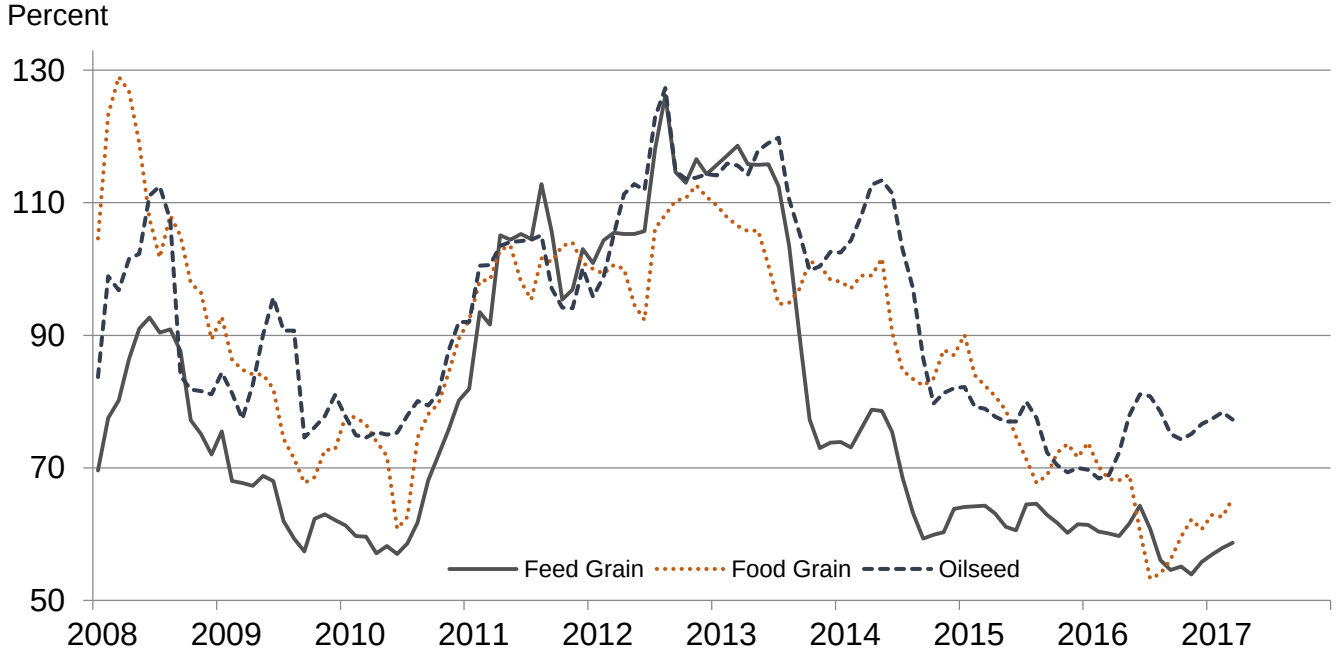
Livestock Farm Received and Paid Indexes, All Items by Quarter – United States: 2011=100



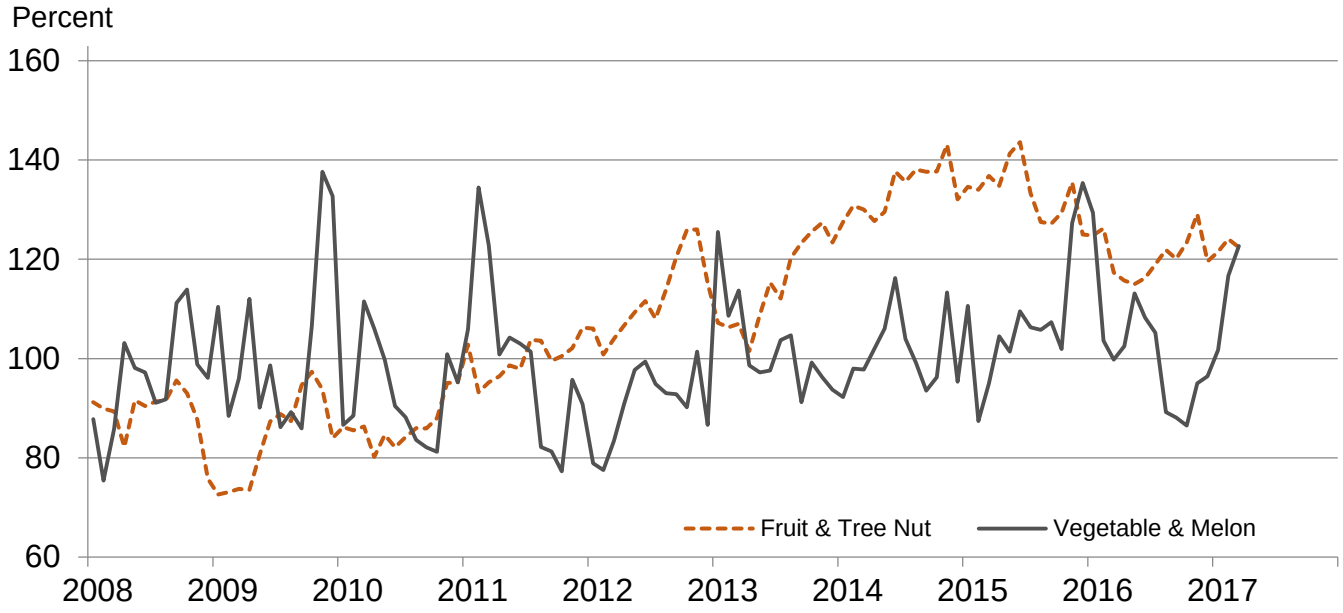
Received Indexes by Sector and Month, Agricultural, Crop, and Livestock Production – United States: 2011=100



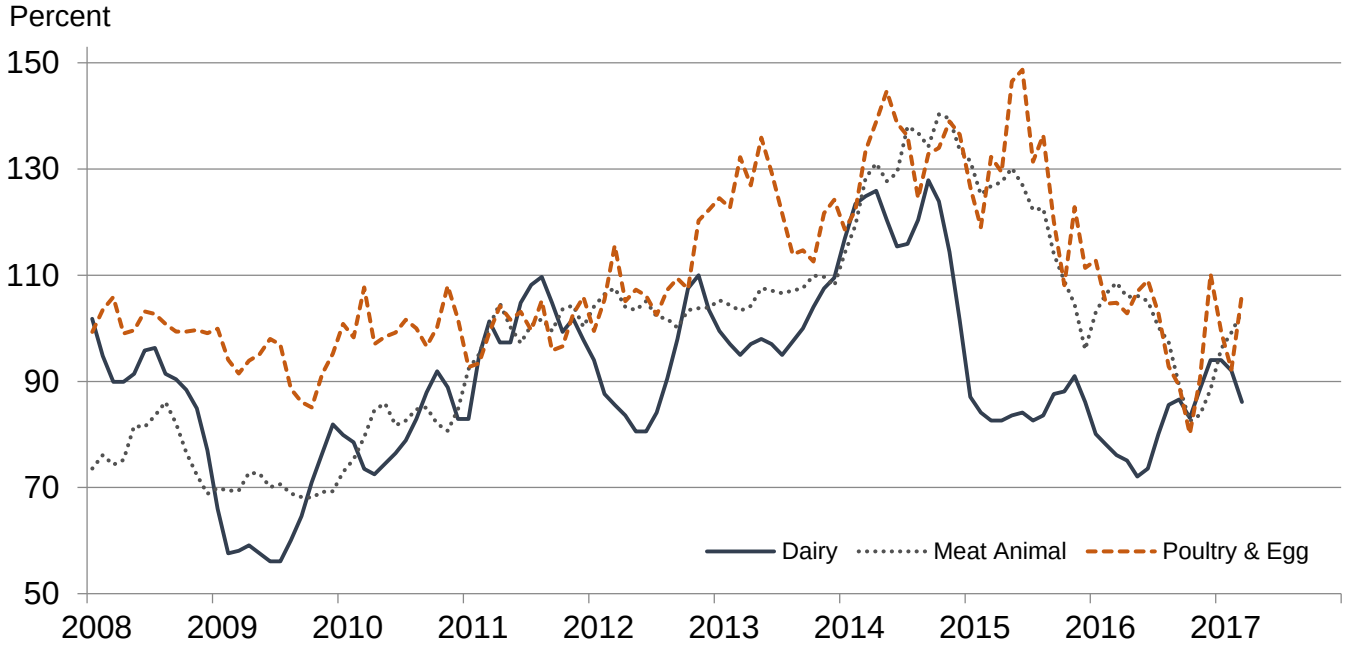
Received Indexes by Month, Feed Grain, Food Grain, and Oilseed – United States: 2011=100



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: March 2017 with Comparisons

Commodity		2011 Base Price	March 2016	February 2017	March 2017
Field crops					
Austrian winter peas	dollars/cwt	19.50	(D)	(D)	(D)
Barley, all	dollars/bushel	4.79	5.43	5.08	4.98
Feed	dollars/bushel	4.59	2.79	2.75	2.45
Malting	dollars/bushel	4.83	5.64	5.20	5.13
Beans, dry edible	dollars/cwt	34.60	26.70	31.10	32.40
Canola	dollars/cwt	23.10	15.10	17.40	17.60
Chickpeas, all	dollars/cwt	35.70	29.20	30.60	32.20
Large	dollars/cwt	39.20	30.70	32.30	37.10
Small	dollars/cwt	23.40	24.80	28.50	28.00
Corn	dollars/bushel	6.02	3.56	3.44	3.49
Cotton, Upland	dollars/pound	0.880	0.582	0.686	0.688
Cottonseed	dollars/ton	131.00	(NA)	203.00	(NA)
Flaxseed	dollars/bushel	14.20	8.37	7.86	8.34
Hay, all, baled	dollars/ton	159.00	136.00	126.00	132.00
Alfalfa	dollars/ton	176.00	139.00	129.00	135.00
Other	dollars/ton	119.00	126.00	122.00	127.00
Lentils	dollars/cwt	27.50	38.80	31.50	32.00
Oats	dollars/bushel	3.42	2.20	2.40	2.39
Peanuts, in-shell	dollars/pound	0.252	0.195	0.198	0.203
Peas, dry edible	dollars/cwt	13.60	13.70	11.50	11.00
Potatoes	dollars/cwt	9.78	9.41	8.82	9.13
Rice, all	dollars/cwt	13.70	11.80	9.81	9.97
Long	dollars/cwt	12.30	11.20	9.42	9.39
Medium and short	dollars/cwt	18.40	14.30	11.90	11.90
Sorghum grain	dollars/cwt	10.70	5.67	5.01	4.89
Soybeans	dollars/bushel	12.50	8.56	9.86	9.69
Sunflowers, all	dollars/cwt	29.00	21.10	17.60	17.40
Wheat, all	dollars/bushel	7.44	4.40	4.15	4.37
Winter	dollars/bushel	6.93	4.28	3.77	3.82
Durum	dollars/bushel	9.22	6.03	5.71	5.72
Other spring	dollars/bushel	8.33	4.47	4.81	4.86
Hard red winter	dollars/bushel	7.07	4.19	3.59	3.66
Soft red winter	dollars/bushel	6.77	4.21	4.25	4.29
Hard red spring	dollars/bushel	8.38	4.46	4.89	4.92
White	dollars/bushel	6.58	4.63	4.02	4.01
Fruits					
Citrus, equivalent on-tree					
Grapefruit	dollars/box	7.47	8.86	10.35	10.41
Lemons	dollars/box	12.30	24.29	24.72	24.93
Oranges	dollars/box	8.16	9.30	11.80	12.43
Non-citrus, fresh					
Apples [1]	dollars/pound	0.325	0.459	0.369	0.357
Grapes [1]	dollars/ton	628.00	(S)	(S)	(S)
Peaches [1]	dollars/ton	507.00	(S)	(S)	(S)
Pears [1]	dollars/ton	559.00	749.00	806.00	717.00
Strawberries	dollars/cwt	104.00	81.00	128.00	94.90

(D) Withheld to avoid disclosing data for individual operations.
(NA) Not available.
(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.

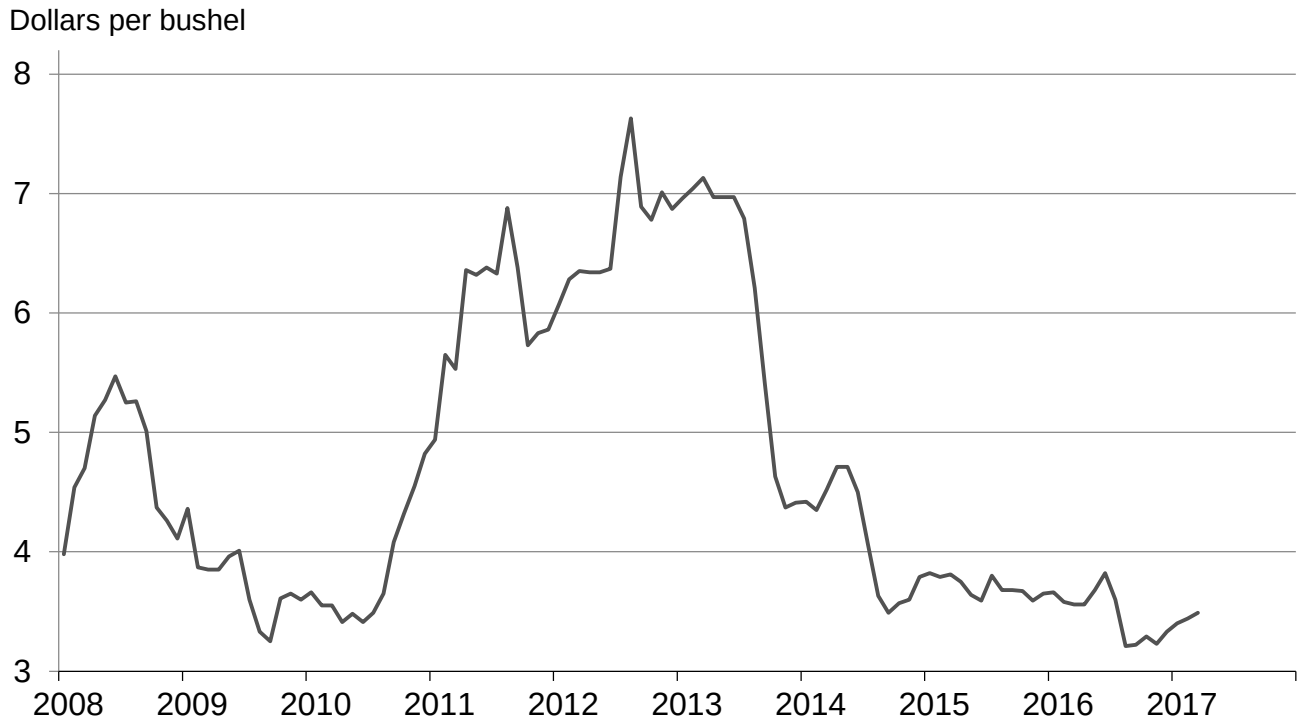
Prices Received for Vegetables and Livestock – United States: March 2017 with Comparisons

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

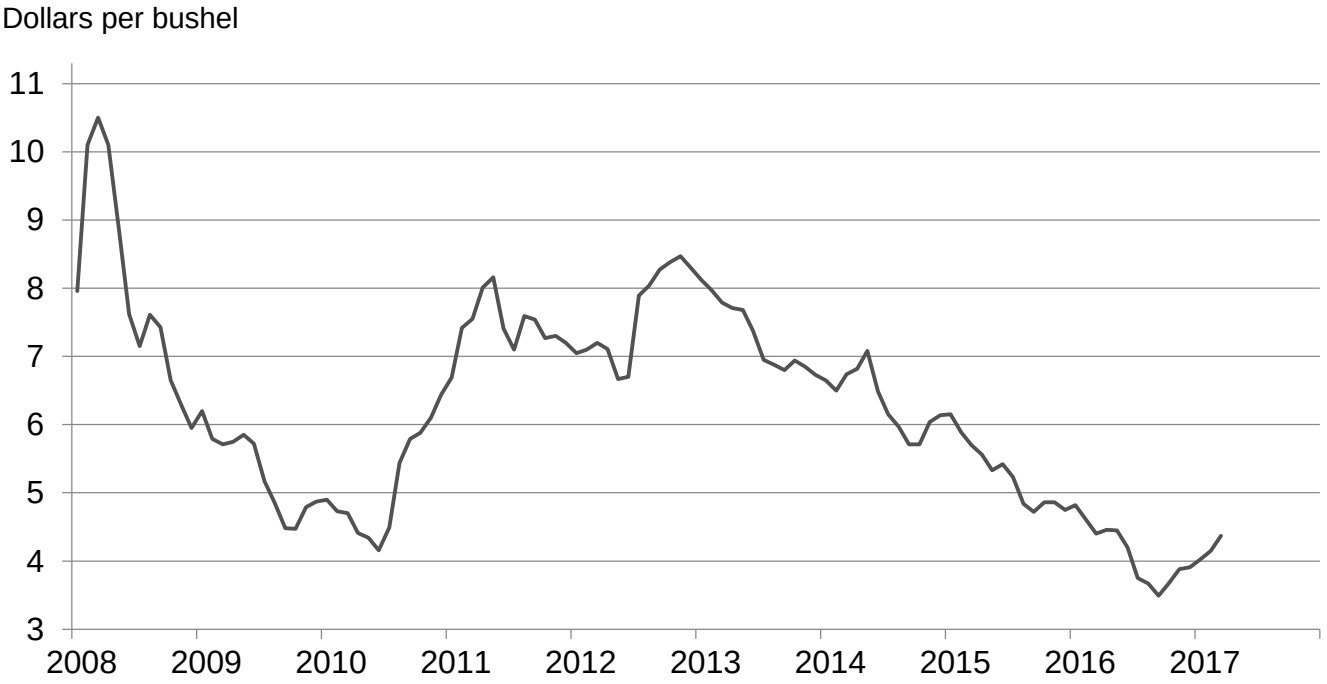
Commodity		2011 Base Price	March 2016	February 2017	March 2017
Vegetables, fresh [1]					
Asparagus	dollars/cwt	37.50	103.00	(S)	96.60
Beans, snap	dollars/cwt	69.00	95.20	54.90	59.90
Broccoli	dollars/cwt	41.60	30.90	54.10	70.90
Cantaloupes	dollars/cwt	16.50	(D)	(NA)	(NA)
Carrots	dollars/cwt	30.80	34.90	28.40	28.00
Cauliflower	dollars/cwt	47.00	39.80	65.00	134.00
Celery	dollars/cwt	22.50	18.80	15.60	24.50
Corn, sweet	dollars/cwt	30.70	67.50	35.70	26.20
Cucumbers	dollars/cwt	18.70	48.70	(NA)	37.80
Lettuce	dollars/cwt	24.30	15.40	51.40	49.60
Onions [2]	dollars/cwt	11.90	14.90	8.82	7.77
Tomatoes	dollars/cwt	51.20	70.90	28.50	30.20
Livestock					
Calves	dollars/cwt	142.00	199.00	151.00	161.00
Cattle, all beef	dollars/cwt	115.00	135.00	119.00	125.00
Cows [3]	dollars/cwt	71.60	80.00	64.90	69.50
Steers and heifers	dollars/cwt	117.00	137.00	121.00	127.00
Milk cows [4]	dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all	dollars/cwt	66.50	50.00	54.40	53.00
Barrows and gilts	dollars/cwt	66.80	50.50	55.30	53.70
Sows	dollars/cwt	57.90	36.30	33.20	36.20
Dairy and poultry					
Milk, all [5]	dollars/cwt	20.10	15.30	18.50	17.30
Fat test	percent	3.71	3.80	3.88	3.85
Broilers, live [6]	dollars/pound	0.459	0.480	0.480	0.550
Eggs, all [7]	dollars/dozen	0.969	0.967	0.623	0.783
Market [7 8]	dollars/dozen	0.796	0.731	0.373	0.555
Turkeys, live [9]	dollars/pound	0.680	0.789	0.672	0.690
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	0.994	0.649	0.812
Seasonal factor	percent	101	97	96	96
Milk, all	dollars/cwt	20.20	16.00	19.30	18.10
Seasonal factor	percent	100	96	96	95

(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

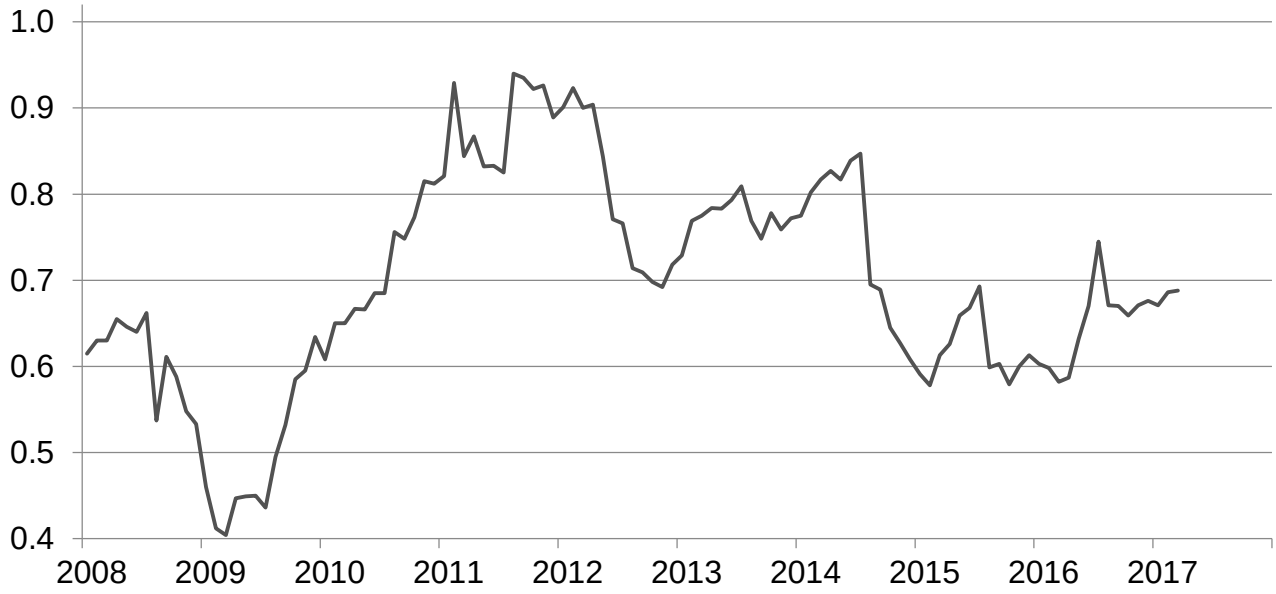


Prices Received for Wheat by Month – United States



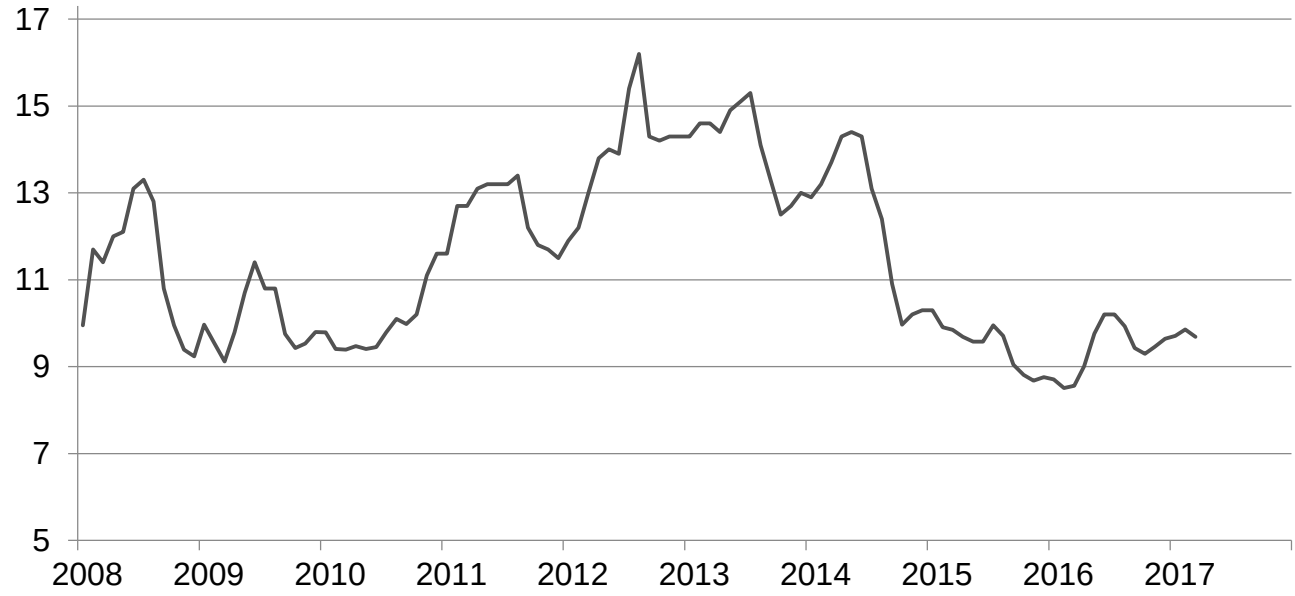
Prices Received for Upland Cotton by Month – United States

Dollars per pound

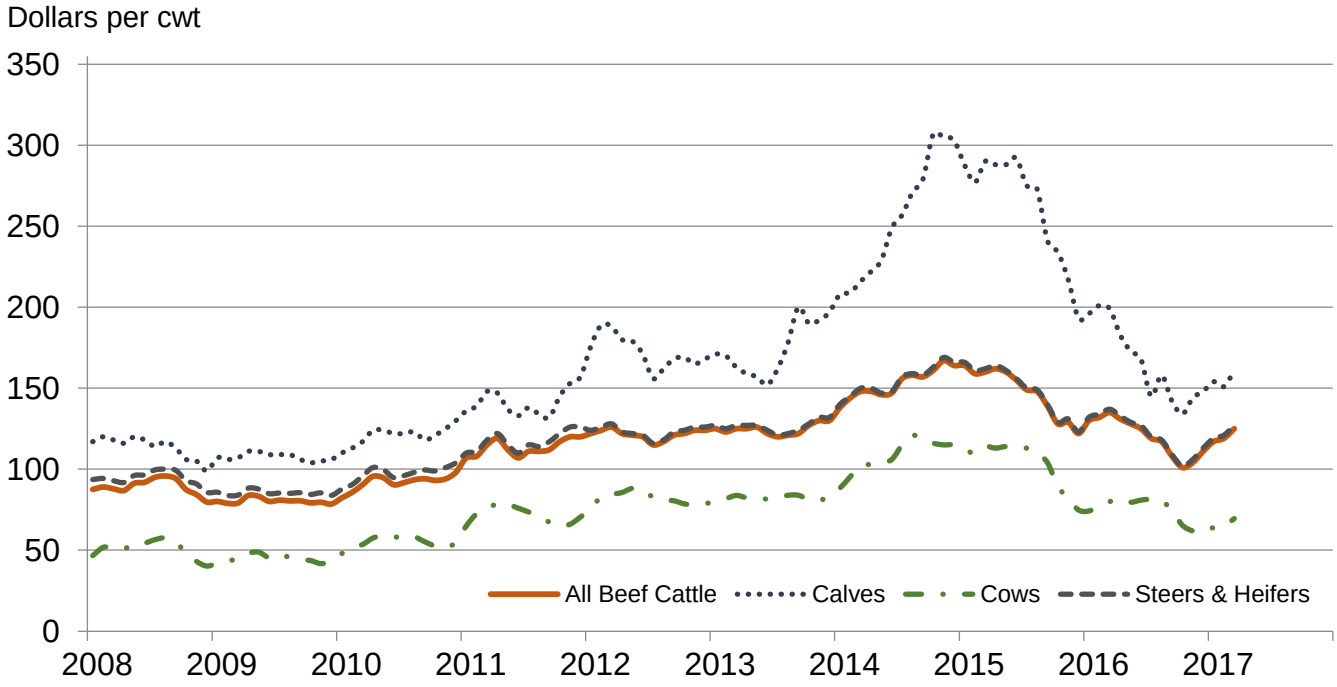


Prices Received for Soybeans by Month – United States

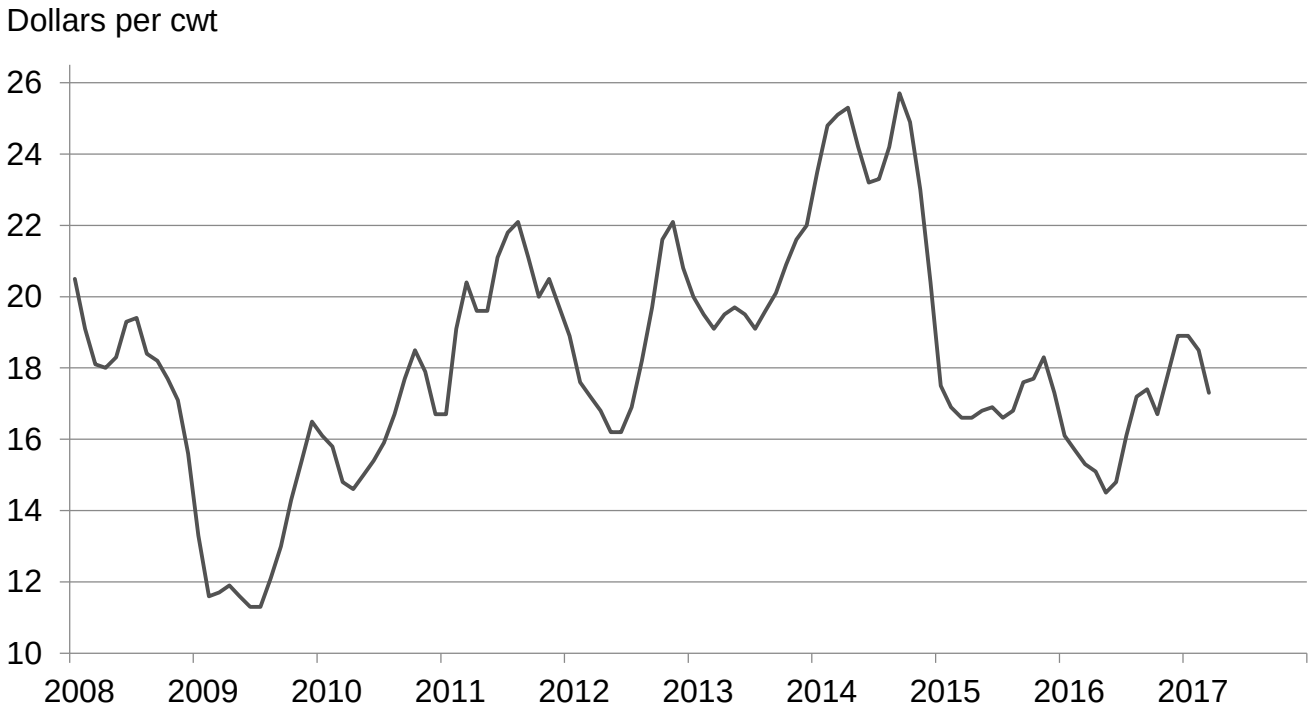
Dollars per bushel



Prices Received for Cattle by Month – United States

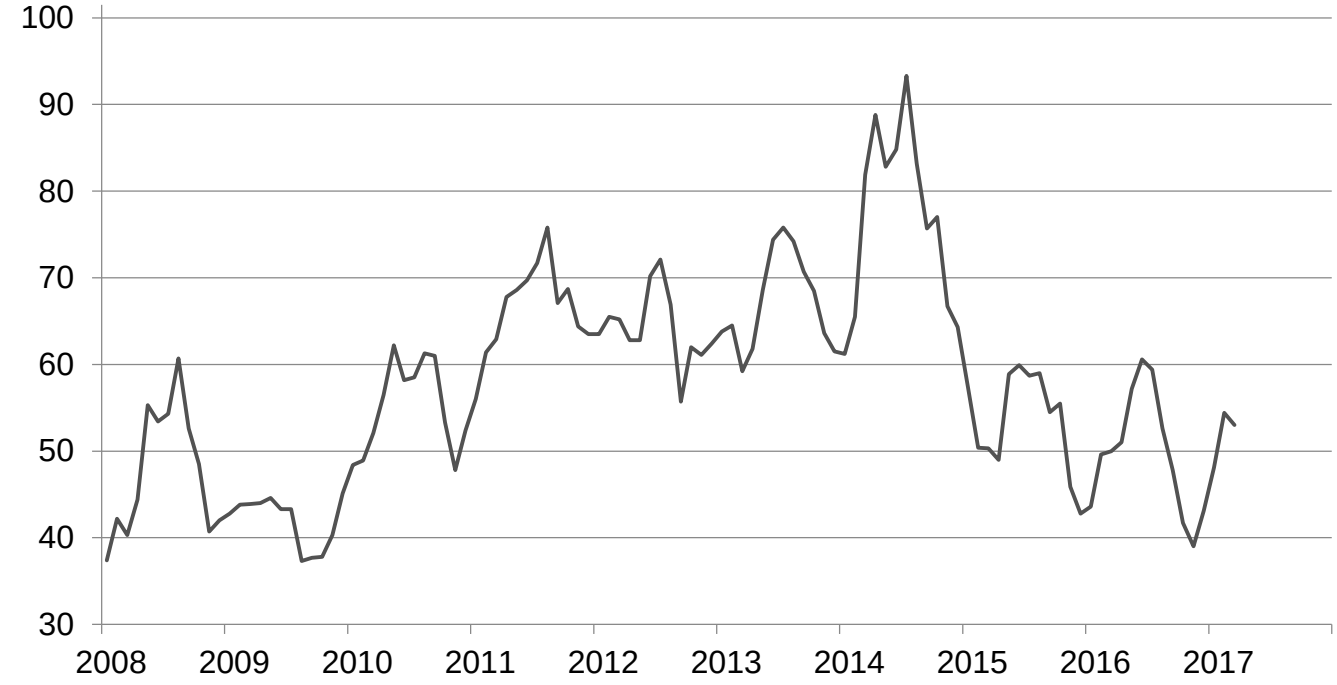


Prices Received for Milk by Month – United States



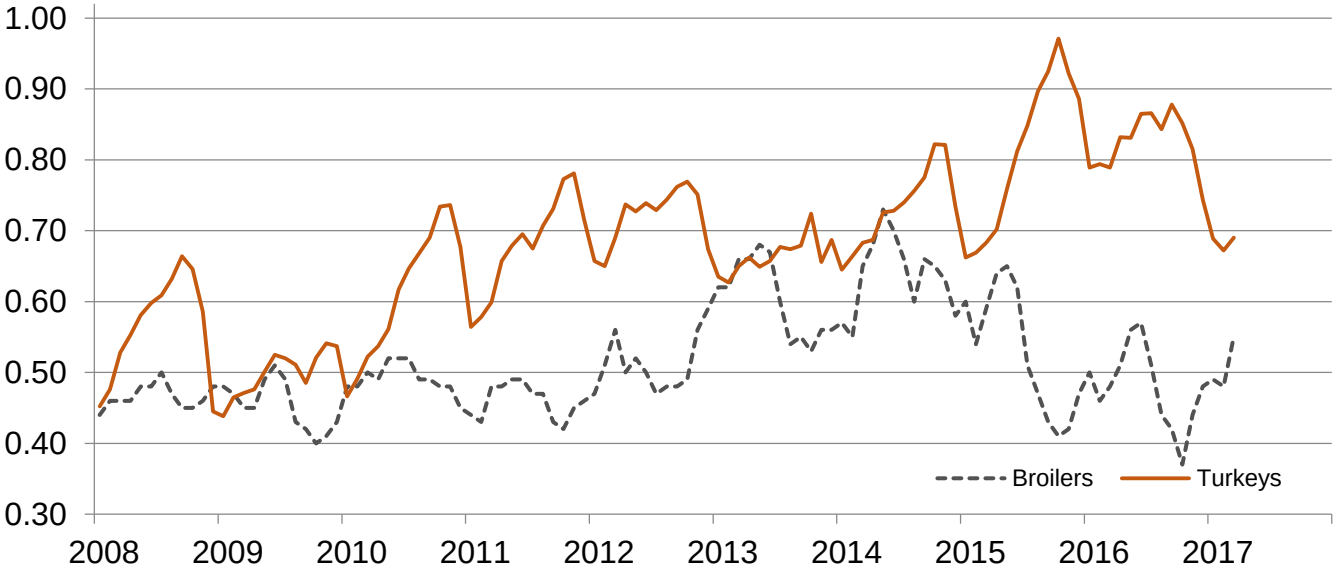
Prices Received for Hogs by Month – United States

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	4.15	3.79	3.58	3.44	9.91	8.51	9.86
March	5.70	4.40	4.37	3.81	3.56	3.49	9.85	8.56	9.69
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	119.00	50.40	49.60	54.40
March	160.00	135.00	125.00	50.30	50.00	53.00
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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(S)	(D)	(S)
Arkansas	(D)	(D)	3.74
California	4.15	(D)	(D)
Colorado	3.88	3.16	3.21
Idaho	4.61	4.03	4.18
Illinois	3.03	4.22	4.12
Indiana	4.48	4.17	4.60
Kansas	4.04	3.50	3.57
Michigan	5.25	4.25	4.49
Minnesota	4.48	4.87	4.78
Missouri	4.24	3.97	4.00
Montana	4.53	4.51	4.57
Nebraska	3.89	3.21	3.50
North Carolina	5.37	4.85	4.87
North Dakota	4.50	4.92	5.00
Ohio	4.39	4.34	4.22
Oklahoma	4.13	3.53	3.57
Oregon	4.73	4.33	4.49
South Dakota	4.33	4.35	4.48
Texas	3.81	3.82	3.56
Washington	4.81	4.08	3.99
United States	4.40	4.15	4.37

(D) Withheld to avoid disclosing data for individual operations.
(S) Insufficient number of reports to establish an estimate.

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	3.74
California	4.15	(D)	(D)
Colorado	3.88	3.16	3.21
Idaho	4.58	3.89	3.93
Illinois	3.03	4.22	4.12
Indiana	4.48	4.17	4.60
Kansas	4.04	3.50	3.57
Michigan	5.25	4.25	4.49
Minnesota	(D)	(D)	(S)
Missouri	4.24	3.97	4.00
Montana	4.44	3.93	3.78
Nebraska	3.89	3.21	3.50
North Carolina	5.37	4.85	4.87
North Dakota	3.58	3.89	3.47
Ohio	4.39	4.34	4.22
Oklahoma	4.13	3.53	3.57
Oregon	4.72	4.23	4.39
South Dakota	3.91	3.94	3.84
Texas	3.81	3.82	3.56
Washington	4.79	4.04	3.95
United States	4.28	3.77	3.82

(D) Withheld to avoid disclosing data for individual operations.
(S) Insufficient number of reports to establish an estimate.

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(S)	(D)	(S)
California	(S)	(S)	(S)
Idaho	(D)	(D)	(D)
Montana	(D)	5.98	5.91
North Dakota	5.91	5.60	5.62
United States	6.03	5.71	5.72

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	(D)	(D)	(S)
Idaho	4.63	4.35	(D)
Minnesota	4.49	4.85	4.78
Montana	4.47	4.92	5.03
North Dakota	4.42	4.84	4.86
Oregon	4.79	4.83	5.09
South Dakota	4.54	5.09	4.93
Washington	4.98	4.36	4.22
United States	4.47	4.81	4.86

(D) Withheld to avoid disclosing data for individual operations.
(S) Insufficient number of reports to establish an estimate.

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(D)	(D)
Iowa	2.83	3.08	3.20
Michigan	2.10	2.79	2.91
Minnesota	2.02	2.07	2.19
Montana	(S)	(D)	(D)
Nebraska	(D)	(D)	2.79
New York	2.22	(D)	(S)
North Dakota	2.12	2.35	2.45
Oregon	(D)	(S)	(S)
Pennsylvania	(D)	(D)	(D)
South Dakota	1.90	2.25	2.28
Texas	(S)	(S)	(S)
Wisconsin	1.62	2.64	2.43
United States	2.20	2.40	2.39

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	4.67	(S)
Colorado	6.24	5.29	5.45
Idaho	5.98	(D)	(D)
Minnesota	5.76	4.22	4.10
Montana	5.40	5.15	5.01
North Dakota	4.97	4.62	4.37
Oregon [1]	(D)	(NA)	(NA)
Utah [1]	(D)	(NA)	(NA)
Washington	3.20	2.62	2.71
Wyoming	(D)	(D)	(D)
United States	5.43	5.08	4.98

(D) Withheld to avoid disclosing data for individual operations.
(NA) Not available.
(S) Insufficient number of reports to establish an estimate.
[1] Monthly estimates discontinued in July 2016.

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	6.14	(D)	(D)
Minnesota	5.76	4.44	4.35
Montana	5.67	5.16	5.06
North Dakota	5.10	4.78	4.56
Wyoming	(D)	(D)	(D)
United States	5.64	5.20	5.13

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

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	2.94	2.53	2.62
Minnesota	(S)	(D)	2.32
Montana	(D)	2.61	2.34
North Dakota	2.31	2.84	2.38
Wyoming	(D)	(S)	(S)
United States	2.79	2.75	2.45

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas	6.62	(D)	(D)
Illinois [1]	5.75	(NA)	(NA)
Kansas	5.28	4.89	4.78
Louisiana	(D)	(D)	(D)
Missouri	7.32	5.54	5.44
Nebraska	5.46	5.01	5.04
Oklahoma	5.72	5.10	5.32
Texas	6.21	5.76	5.85
United States	5.67	5.01	4.89

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	3.61	3.46	3.62
Illinois	3.67	3.48	3.62
Indiana	3.93	3.73	3.77
Iowa	3.46	3.39	3.43
Kansas	3.50	3.33	3.34
Kentucky	3.85	3.90	3.92
Michigan	3.57	3.52	3.62
Minnesota	3.24	3.25	3.31
Missouri	3.71	3.56	3.56
Nebraska	3.49	3.41	3.41
North Carolina	4.40	4.34	4.40
North Dakota	3.21	3.00	3.16
Ohio	3.87	3.69	3.69
Pennsylvania	3.91	4.04	3.99
South Dakota	3.20	3.14	3.16
Tennessee	3.76	3.82	3.90
Texas	4.05	3.83	3.61
Wisconsin	3.43	3.36	3.42
United States	3.56	3.44	3.49

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

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	9.25	10.10	10.30
Illinois	8.82	10.10	9.96
Indiana	8.90	10.10	9.97
Iowa	8.46	9.71	9.58
Kansas	8.38	9.64	9.37
Kentucky	8.84	10.20	10.10
Louisiana	9.29	10.40	9.88
Michigan	8.70	10.00	9.97
Minnesota	8.16	9.54	9.56
Mississippi	9.04	10.30	10.00
Missouri	8.86	10.00	9.79
Nebraska	8.30	9.62	9.36
North Carolina	8.79	10.20	10.00
North Dakota	8.06	9.38	9.03
Ohio	8.88	10.20	9.92
South Dakota	8.25	9.43	9.17
Tennessee	8.98	10.20	9.89
Wisconsin	8.53	9.85	9.75
United States	8.56	9.86	9.69

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

State	March 2016	February 2017	March 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	77.10	62.80	61.50
Colorado	25.50	30.50	(D)
Idaho	(D)	30.20	32.70
Michigan	(D)	34.70	34.10
Minnesota	25.00	30.20	31.30
Nebraska	(D)	(D)	(D)
North Dakota	23.20	28.00	28.60
United States	26.70	31.10	32.40

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

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

State	March 2016	February 2017	March 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.188	0.198	0.204
Arkansas[1]	(NA)	0.183	0.183
Florida	0.180	0.191	0.199
Georgia	0.191	0.186	0.187
Mississippi	0.179	0.174	0.188
New Mexico	0.229	(S)	(S)
North Carolina	0.217	0.216	0.204
Oklahoma	0.211	0.213	0.202
South Carolina	0.197	0.214	0.191
Texas	0.242	0.252	0.308
Virginia	(S)	0.207	0.208
United States	0.195	0.198	0.203

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Colorado [1]	(D)	(NA)	(NA)
Kansas	22.00	(D)	(D)
Minnesota	23.00	18.90	19.20
North Dakota	20.90	17.70	17.60
South Dakota	19.20	17.30	17.50
United States	21.10	17.60	17.40

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(S)	(D)	(D)
Montana [1]	(NA)	(D)	(D)
North Dakota	15.10	17.50	17.80
Oklahoma [1]	(NA)	(S)	(S)
United States	15.10	17.40	17.60

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	8.37	7.86	8.34
United States	8.37	7.86	8.34

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	March 2016	February 2017	March 2017	March 2016	February 2017	March 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.672	0.747	0.727	(NA)	180.00	(NA)
Arizona	0.602	(D)	(S)	(NA)	270.00	(NA)
Arkansas	0.711	0.676	0.689	(NA)	(S)	(NA)
California	(D)	(S)	(S)	(NA)	(D)	(NA)
Georgia	0.679	0.695	0.692	(NA)	179.00	(NA)
Louisiana	0.712	0.691	0.689	(NA)	(S)	(NA)
Mississippi	(D)	0.683	0.689	(NA)	(S)	(NA)
North Carolina	0.711	0.680	0.702	(NA)	(S)	(NA)
Tennessee	0.606	0.698	0.717	(NA)	(S)	(NA)
Texas	0.544	0.680	0.683	(NA)	197.00	(NA)
United States	0.582	0.686	0.688	(NA)	203.00	(NA)

(D) Withheld to avoid disclosing data for individual operations.
(NA) Not available.
(S) Insufficient number of reports to establish an estimate.

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

Item	March 2016	February 2017	March 2017
Cotton, Upland			
Average price ..... dollars/pound	0.582	0.686	0.688
Marketings [1] ..... 1,000 bales	1,127	1,579	1,244
Rice, all			
Average price ..... dollars/cwt	11.80	9.81	9.97
Marketings [2] ..... 1,000 cwt	13,562	15,119	18,723
Rice, long			
Average price ..... dollars/cwt	11.20	9.42	9.39
Marketings [2] ..... 1,000 cwt	10,811	12,765	14,416
Rice, medium and short			
California			
Average price ..... dollars/cwt	18.40	13.40	12.50
Other States [3]			
Average price ..... dollars/cwt	10.60	9.95	10.30
United States			
Average price ..... dollars/cwt	14.30	11.90	11.90
Marketings [2] ..... 1,000 cwt	2,751	2,354	4,307

[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: March 2017 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	March 2016	February 2017	March 2017	March 2016	February 2017	March 2017	March 2016	February 2017	March 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	181.00	165.00	170.00	180.00	165.00	170.00	195.00	155.00	160.00
California	157.00	160.00	167.00	165.00	165.00	175.00	130.00	140.00	135.00
Colorado	175.00	151.00	151.00	180.00	150.00	150.00	150.00	160.00	160.00
Idaho	150.00	131.00	127.00	150.00	130.00	125.00	150.00	150.00	150.00
Illinois	153.00	148.00	151.00	170.00	165.00	165.00	100.00	95.00	95.00
Iowa	98.00	87.00	80.00	102.00	90.00	84.00	82.00	76.00	68.00
Kansas	89.00	81.00	84.00	100.00	86.00	96.00	71.00	67.00	66.00
Kentucky	146.00	135.00	137.00	225.00	220.00	215.00	115.00	110.00	105.00
Michigan	124.00	121.00	124.00	130.00	150.00	140.00	110.00	110.00	115.00
Minnesota	81.00	70.00	73.00	85.00	77.00	78.00	61.00	55.00	53.00
Missouri	94.00	95.00	99.00	160.00	150.00	160.00	75.00	85.00	85.00
Montana	118.00	138.00	138.00	120.00	140.00	140.00	110.00	130.00	130.00
Nebraska	85.00	76.00	74.00	89.00	79.00	78.00	77.00	68.00	66.00
Nevada	132.00	145.00	153.00	130.00	145.00	155.00	150.00	130.00	140.00
New Mexico	176.00	161.00	166.00	185.00	165.00	170.00	145.00	135.00	140.00
New York	160.00	184.00	188.00	236.00	196.00	215.00	157.00	184.00	187.00
North Dakota	70.00	78.00	68.00	75.00	80.00	72.00	54.00	58.00	56.00
Ohio	139.00	121.00	132.00	160.00	155.00	170.00	130.00	100.00	115.00
Oklahoma	92.00	107.00	105.00	138.00	134.00	125.00	81.00	77.00	87.00
Oregon	170.00	147.00	156.00	170.00	155.00	160.00	170.00	140.00	150.00
Pennsylvania	196.00	176.00	169.00	198.00	178.00	178.00	196.00	175.00	167.00
South Dakota	92.00	82.00	83.00	95.00	86.00	85.00	81.00	73.00	75.00
Texas	100.00	102.00	106.00	195.00	168.00	171.00	85.00	89.00	93.00
Utah	145.00	120.00	120.00	145.00	120.00	120.00	120.00	105.00	105.00
Washington	152.00	131.00	129.00	145.00	120.00	115.00	170.00	155.00	160.00
Wisconsin	85.00	87.00	85.00	92.00	92.00	91.00	58.00	67.00	66.00
Wyoming	112.00	116.00	123.00	115.00	120.00	125.00	100.00	105.00	110.00
United States	136.00	126.00	132.00	139.00	129.00	135.00	126.00	122.00	127.00

Prices Received for Apples – States and United States: March 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		
	March 2016	February 2017	March 2017
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California	(S)	(S)	(S)
Michigan	0.370	0.340	0.335
New York	0.249	0.368	0.375
Pennsylvania	0.339	0.301	0.303
Virginia	0.230	0.250	0.250
Washington	0.488	0.375	0.359
United States	0.459	0.369	0.357

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

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

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

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)	16.16	(D)	(D)	13.65	(D)	(D)
Florida, all	26.70	10.92	15.90	9.03	8.20	13.65	6.14
White	29.80	8.94	18.90	8.65	6.35	16.75	6.05
Red	26.60	11.79	15.80	9.30	9.01	13.55	6.20
Texas	31.70	8.95	20.10	(D)	7.43	18.49	(D)
United States	26.60	11.55	16.86	8.76	8.86	14.59	5.85
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	48.30	30.24	38.66	(D)	24.29	32.40	(D)
United States	48.30	30.24	38.66	(D)	24.29	32.40	(D)
Oranges							
California, all	25.30	12.88	15.80	(D)	10.19	13.14	(D)
Navel and miscellaneous	25.20	12.75	15.66	(D)	10.06	13.00	(D)
Valencia	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida, all	25.10	11.59	13.90	11.52	8.79	11.16	8.72
Early and mids	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia	24.90	11.56	13.75	11.50	8.77	11.00	8.70
Texas, all	35.40	20.15	23.81	(D)	18.35	21.98	(D)
Early and mids	(S)	9.85	(S)	(D)	8.13	(S)	(D)
Valencia	35.70	22.21	24.10	(D)	20.39	22.27	(D)
United States	25.60	12.06	15.87	10.61	9.30	13.22	7.81

(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: February 2017

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85; 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)	19.34	(D)	(D)	16.91	(D)	(D)
Florida, all	29.40	13.86	18.55	11.40	10.97	15.95	8.35
White	32.70	12.71	21.80	9.75	9.92	19.20	6.90
Red	28.90	14.10	18.10	11.80	11.18	15.50	8.70
Texas	30.20	9.61	18.60	(D)	8.08	16.99	(D)
United States	29.50	12.84	18.70	8.93	10.35	16.45	6.27
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	47.80	31.13	37.97	(D)	25.00	31.58	(D)
United States	47.70	30.84	37.87	(D)	24.72	31.48	(D)
Oranges							
California, all	30.00	17.21	20.27	(D)	14.47	17.56	(D)
Navel and miscellaneous	30.00	17.21	20.27	(D)	14.47	17.56	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	32.40	12.37	21.24	12.00	9.21	17.98	8.85
Early and mids	32.70	11.99	21.55	11.90	8.84	18.45	8.75
Valencia	32.30	17.37	21.15	14.40	14.07	17.85	11.10
Texas, all	34.80	20.86	23.24	(D)	19.05	21.41	(D)
Early and mids	29.20	13.08	17.60	(D)	11.30	15.77	(D)
Valencia	37.30	25.70	25.70	(S)	23.87	23.87	(S)
United States	30.30	14.74	20.40	10.55	11.80	17.69	7.43

(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: March 2017

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85; 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)	17.74	(D)	(D)	15.07	(D)	(D)
Florida, all	29.50	13.85	18.67	11.68	10.96	16.07	8.67
White	32.70	11.03	21.80	10.30	8.20	19.20	7.45
Red	29.30	14.80	18.50	12.40	11.89	15.90	9.30
Texas	32.60	10.53	21.00	(D)	9.00	19.39	(D)
United States	31.10	12.66	20.44	7.05	10.41	18.37	4.68
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	49.90	30.99	40.07	(D)	24.93	33.68	(D)
United States	49.90	30.99	40.07	(D)	24.93	33.68	(D)
Oranges							
California, all	30.90	17.48	21.15	(D)	14.73	18.44	(D)
Navel and miscellaneous	30.90	17.66	21.17	(D)	14.92	18.46	(D)
Valencia	(D)	(D)	(D)	(D)	(D)	(D)	(S)
Florida, all	32.10	13.94	21.00	13.67	10.64	17.70	10.37
Early and mids	(S)	12.21	(S)	11.90	9.06	(S)	8.75
Valencia	32.20	13.97	21.05	13.70	10.67	17.75	10.40
Texas, all	35.50	19.92	23.93	(D)	18.12	22.10	(D)
Early and mids	(S)	9.83	(S)	(D)	8.08	(S)	(D)
Valencia	37.30	25.70	25.70	(S)	23.87	23.87	(S)
United States	31.00	15.48	21.18	12.10	12.43	18.45	8.85

(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: March 2017 with Comparisons

State	March 2016	February 2017	March 2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California, all [1]	11.80	15.50	15.60
Spring	19.30	15.50	15.60
Fall	8.40	(S)	(S)
Colorado, all [1]	8.95	9.35	9.75
Fresh [2]	10.30	11.30	11.40
Florida	20.00	23.10	20.00
Idaho, all [1]	7.75	7.15	7.50
Fresh [2]	5.45	4.05	4.45
Processing	7.50	7.30	7.15
Maine	(D)	(D)	(D)
Michigan	(D)	(D)	(D)
Minnesota	10.20	12.00	12.20
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	10.20	8.50	10.00
Texas	(D)	(D)	(D)
Virginia	(S)	(S)	(S)
Washington, all [1]	8.45	8.20	8.05
Processing	8.00	7.85	7.75
Wisconsin, all [1]	10.80	9.15	10.20
Fresh [2]	8.70	9.10	8.45
Processing	9.35	7.95	7.95
United States, all [1]	9.41	8.82	9.13
Fresh [2]	9.29	8.42	8.65
Processing	8.33	8.13	8.07

(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: March 2017 with Comparisons

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

State	March 2016		February 2017		March 2017	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	14.00	3.50	17.20	3.65	16.20	3.57
California	13.93	3.75	17.44	3.84	15.73	3.80
Colorado	15.70	3.66	18.70	3.74	18.00	3.68
Florida	18.30	3.57	21.60	3.67	21.80	3.67
Idaho	15.00	3.86	18.40	3.99	16.60	3.91
Illinois	15.40	3.81	18.90	3.87	18.10	3.84
Indiana	15.10	3.72	18.70	3.86	17.90	3.83
Iowa	15.50	3.86	19.20	3.89	17.70	3.91
Kansas	15.00	3.70	17.60	3.83	16.30	3.74
Michigan	14.10	3.71	17.50	3.77	16.50	3.74
Minnesota	15.80	3.94	18.70	3.93	17.50	3.94
New Mexico	14.60	3.59	17.10	3.71	15.70	3.64
New York	16.20	3.86	19.10	3.92	18.60	3.92
Ohio	16.00	3.85	19.30	3.86	18.50	3.84
Oregon	16.80	3.93	20.50	4.08	19.30	4.01
Pennsylvania	16.40	3.83	19.60	3.91	18.80	3.89
South Dakota	16.60	4.10	19.80	4.11	18.60	4.11
Texas	16.00	3.94	19.30	4.07	17.80	4.01
Utah	14.90	3.81	18.40	3.87	17.90	3.80
Vermont	16.50	3.86	19.60	3.93	18.90	3.93
Virginia	17.00	3.73	20.00	3.80	19.90	3.78
Washington	15.30	3.93	18.90	4.08	18.00	4.01
Wisconsin	15.80	3.81	19.00	3.86	18.00	3.85
United States	15.30	3.80	18.50	3.88	17.30	3.85

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

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

State	April 2016	January 2017	April 2017
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,950.00	1,700.00	1,800.00
California	1,800.00	1,600.00	1,600.00
Colorado	1,950.00	1,800.00	1,850.00
Florida	1,790.00	1,650.00	1,630.00
Idaho	1,900.00	1,650.00	1,700.00
Illinois	1,700.00	1,600.00	1,650.00
Indiana	1,700.00	1,500.00	1,550.00
Iowa	1,860.00	1,570.00	1,600.00
Kansas	1,830.00	1,750.00	1,750.00
Michigan	1,900.00	1,600.00	1,650.00
Minnesota	1,850.00	1,490.00	1,540.00
New Mexico	1,900.00	1,850.00	1,800.00
New York	1,670.00	1,500.00	1,480.00
Ohio	1,700.00	1,500.00	1,550.00
Oregon	1,900.00	1,700.00	1,700.00
Pennsylvania	1,700.00	1,480.00	1,500.00
South Dakota	1,730.00	1,600.00	1,620.00
Texas	1,900.00	1,650.00	1,700.00
Utah	1,750.00	1,700.00	1,700.00
Vermont	1,850.00	1,680.00	1,650.00
Virginia	1,680.00	1,470.00	1,500.00
Washington	1,800.00	1,650.00	1,700.00
Wisconsin	1,910.00	1,730.00	1,710.00
United States	1,830.00	1,620.00	1,640.00

Commodity Parity Prices and Price as Percent of Parity Price – United States: March 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		
		March 2016	February 2017	March 2017	March 2016	February 2017	March 2017
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheat ..... bushel	0.613	18.10	17.70	17.60	24	23	25
Rice ..... cwt	1.37	39.70	39.50	39.40	30	25	25
Corn ..... bushel	0.451	13.00	13.00	13.00	27	26	27
Cotton							
Upland ..... pound	0.067	1.94	1.93	1.93	30	36	36
American Pima ..... pound	0.133	3.85	3.84	3.83	31	36	36
Peanuts ..... pound	0.023	0.667	0.664	0.662	29	30	31
Small chickpeas [1] ..... cwt	2.31	65.20	66.70	66.50	38	43	42
Large chickpeas [1] ..... cwt	3.24	94.80	93.50	93.30	32	35	40
Lentils [1] ..... cwt	2.55	69.00	73.60	73.40	56	43	44
Designated non-basic							
All milk, to plants [2] ..... cwt	1.80	52.20	51.90	51.80	31	37	35
Honey, extracted [3] ..... pound	0.164	4.55	4.73	4.72	46	44	44
Wool and mohair							
Wool ..... pound	0.126	3.51	3.64	3.63	41	40	40
Mohair ..... pound	0.394	11.40	11.40	11.30	46	40	40
Other non-basic							
Apples, fresh [4] ..... pound	0.034	0.956	0.981	0.979	48	38	36
Barley ..... bushel	0.497	14.00	14.30	14.30	39	36	35
Canola ..... cwt	1.90	54.80	54.80	54.70	28	32	32
Cottonseed ..... ton	20.50	580.00	592.00	590.00	41	34	34
Dry edible beans ..... cwt	3.24	93.00	93.50	93.30	29	33	35
Flaxseed ..... bushel	1.15	33.30	33.20	33.10	25	24	25
Oats ..... bushel	0.292	8.58	8.43	8.41	26	28	28
Potatoes ..... cwt	0.854	24.80	24.60	24.60	38	36	37
Sorghum grain ..... cwt	0.770	22.50	22.20	22.20	25	23	22
Soybeans ..... bushel	1.09	31.30	31.50	31.40	27	31	31
Sunflower, all ..... cwt	2.17	62.60	62.60	62.50	34	28	28
Citrus (equivalent on-tree)							
Grapefruit ..... box	0.666	19.10	19.20	19.20	46	54	54
Lemons ..... box	1.75	46.90	50.50	50.40	52	49	49
Oranges ..... box	0.880	25.10	25.40	25.30	37	46	49
Livestock and poultry							
Beef cattle ..... cwt	11.10	322.00	320.00	320.00	42	37	39
Broilers ..... pound	0.050	1.45	1.44	1.44	33	33	38
Calves ..... cwt	16.10	469.00	465.00	464.00	42	32	35
Eggs [2] ..... dozen	0.102	2.98	2.94	2.94	33	22	28
Hogs ..... cwt	5.60	165.00	162.00	161.00	30	34	33
Turkeys, live ..... pound	0.065	1.830	1.880	1.870	43	36	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: March 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		
			March 2016	February 2017	March 2017
		(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous					
Hops	pound	0.367	9.80	10.60	10.60
Mustard seed	cwt	3.28	91.90	94.70	94.40
Rapeseed	cwt	2.69	77.10	77.60	77.40
Rye	bushel	0.633	18.30	18.30	18.20
Safflower	cwt	2.24	64.60	64.60	64.50
Spearmint oil	pound	1.70	49.30	49.10	48.90
Sweet potatoes	cwt	2.06	60.30	59.50	59.30
Tobacco					
Flue-cured, 11-14	pound	0.181	5.22	5.22	5.21
Fire-cured, 21-23	pound	0.252	7.39	7.27	7.26
Burley, 31	pound	0.178	5.19	5.14	5.12
Maryland, 32	pound	0.170	4.96	4.91	4.89
Dark air-cured, 35-37	pound	0.226	6.67	6.52	6.51
Pennsylvania seedleaf, 41	pound	0.191	5.33	5.51	5.50
Non-citrus fruit					
Apples, processing [1 2]	ton	18.90	530.00	545.00	544.00
Apricots					
Fresh [3]	ton	118.00	3,360.00	3,410.00	3,400.00
Dried (California)	ton	265.00	7,270.00	7,650.00	7,630.00
Avocados [2 3]	ton	177.00	5,160.00	5,110.00	5,100.00
Cherries					
Sweet	ton	206.00	6,060.00	5,950.00	5,930.00
Tart [2]	pound	0.032	0.927	0.924	0.921
Cranberry [2 4]	barrel	4.19	125.00	121.00	121.00
Dates (California) [3]	ton	148.00	4,260.00	4,270.00	4,260.00
Grapes (California)					
Raisin variety [5]	ton	142.00	4,060.00	4,100.00	4,090.00
Wine, processing	ton	64.40	(NA)	1,860.00	1,850.00
Kiwifruit [2]	ton	96.40	2,650.00	2,780.00	2,780.00
Nectarines, fresh (California) [3]	ton	63.40	1,750.00	1,830.00	1,830.00
Olives, canning (California) [4]	ton	97.00	2,700.00	2,800.00	2,790.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: March 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		
			March 2016	February 2017	March 2017
		(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued					
Papayas (Hawaii)	pound	0.040	1.19	1.15	1.15
Peaches					
Fresh [4 6]	ton	86.60	2,460.00	2,500.00	2,490.00
Dried (California) [1 5]	ton	45.80	1,340.00	1,320.00	1,320.00
Processing, excludes dried					
Clingstone (California) [4]	ton	34.00	945.00	981.00	979.00
Pears, Fresh [6]	ton	57.80	1,620.00	1,670.00	1,660.00
Plums (California) equivalent on-tree					
Fresh [7]	ton	63.80	1,760.00	1,840.00	1,840.00
Prunes, dried (California) [1 2 5]	ton	157.00	4,460.00	4,530.00	4,520.00
Strawberries					
Fresh [10]	pound	8.78	258.00	253.00	253.00
Processing	pound	3.52	99.70	102.00	101.00
Sugar crops					
Sugar beets [2 8]	ton	5.19	152.00	150.00	149.00
Sugarcane [2 8]	ton	3.46	102.00	99.90	99.60
Tree nuts [9]					
Almonds	pound	0.229	6.58	6.61	6.59
Hazelnuts	ton	217.00	6,290.00	6,260.00	6,250.00
Pistachios	pound	0.230	6.58	6.64	6.62
Walnuts	ton	232.00	6,840.00	6,700.00	6,680.00
Vegetables, fresh [10]					
Carrots [11]	cwt	2.73	77.40	78.80	78.60
Cauliflower [11]	cwt	4.51	124.00	130.00	130.00
Celery [11]	cwt	2.04	59.40	58.90	58.70
Honeydew melons	cwt	1.93	56.80	55.70	55.60
Lettuce	cwt	2.30	65.50	66.40	66.20
Onions [11]	cwt	1.38	41.20	39.80	39.70
Tomatoes	cwt	4.01	120.00	116.00	115.00

(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.

Marketing Year for Specified Commodities

Broilers: December 1, previous year through November 30 for the United States.

Eggs: December 1, previous year to November 30 for the United States.

Milk: January 1 to December 31 for the United States.

Turkeys: January 1 to December 31 for the United States.

Prices Received for Broilers by Month – United States: 2011-2016

[Live weight equivalent price]

Year	December [1]	January	February	March	April	May
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2011	0.450	0.440	0.430	0.480	0.480	0.490
2012	0.460	0.470	0.510	0.560	0.500	0.520
2013	0.590	0.620	0.620	0.660	0.660	0.680
2014	0.560	0.570	0.550	0.650	0.680	0.730
2015	0.580	0.600	0.540	0.590	0.640	0.650
2016	0.470	0.500	0.460	0.480	0.510	0.560
Year	June	July	August	September	October	November
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2011	0.490	0.470	0.470	0.430	0.420	0.450
2012	0.500	0.470	0.480	0.480	0.490	0.560
2013	0.670	0.600	0.540	0.550	0.530	0.560
2014	0.700	0.660	0.600	0.660	0.650	0.630
2015	0.620	0.510	0.470	0.430	0.410	0.420
2016	0.570	0.510	0.440	0.420	0.370	0.440

[1] December preceding year.

Prices Received for Turkeys by Month – United States: 2011-2016

[Live weight equivalent price]

Year	January	February	March	April	May	June
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2011	0.564	0.578	0.599	0.657	0.679	0.695
2012	0.657	0.650	0.690	0.737	0.727	0.739
2013	0.635	0.627	0.650	0.662	0.649	0.657
2014	0.645	0.664	0.683	0.687	0.726	0.728
2015	0.662	0.669	0.683	0.702	0.759	0.812
2016	0.789	0.794	0.789	0.832	0.831	0.865
Year	July	August	September	October	November	December
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2011	0.675	0.707	0.731	0.773	0.781	0.715
2012	0.729	0.744	0.762	0.769	0.751	0.674
2013	0.677	0.674	0.679	0.724	0.656	0.687
2014	0.740	0.756	0.775	0.822	0.821	0.734
2015	0.848	0.897	0.925	0.971	0.922	0.886
2016	0.866	0.843	0.878	0.852	0.815	0.744

Prices Received for All Eggs by Month – United States: 2011-2016

[Includes hatching and market eggs]

Year	December [1]	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2011	1.070	0.848	0.949	0.843	1.050	0.821
2012	1.220	0.881	0.887	0.990	0.862	0.826
2013	1.120	1.060	0.991	1.140	0.879	1.170
2014	1.380	1.110	1.400	1.230	1.270	1.170
2015	1.750	1.240	1.290	1.540	1.080	1.730
2016	1.240	1.180	1.070	0.967	0.676	0.547
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2011	0.884	0.878	1.140	0.944	1.020	1.020
2012	0.905	0.967	1.120	1.220	1.020	1.180
2013	0.926	1.030	1.070	1.030	1.040	1.320
2014	1.090	1.240	1.080	1.040	1.140	1.510
2015	2.000	1.900	2.390	1.900	1.430	2.000
2016	0.537	0.648	0.651	0.601	0.510	0.588

[1] December preceding year.

Prices Received for Market Eggs by Month – United States: 2011-2016

Year	December [1]	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2011	0.919	0.660	0.776	0.654	0.888	0.622
2012	1.100	0.667	0.669	0.792	0.641	0.596
2013	0.957	0.863	0.776	0.952	0.645	0.977
2014	1.210	0.906	1.230	1.040	1.090	0.972
2015	1.650	1.060	1.110	1.410	0.871	1.610
2016	1.040	0.969	0.850	0.731	0.392	0.242
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2011	0.687	0.684	0.991	0.769	0.857	0.862
2012	0.688	0.764	0.949	1.060	0.837	1.020
2013	0.695	0.821	0.870	0.823	0.836	1.160
2014	0.876	1.050	0.864	0.824	0.934	1.370
2015	1.930	1.810	2.380	1.800	1.260	1.920
2016	0.231	0.361	0.369	0.317	0.216	0.310

[1] December preceding year.

Prices Received for All Milk Sold at Plants by Month – States and United States: 2015

State	January	February	March	April	May	June
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	16.40	15.50	15.20	15.10	15.50	15.80
California	15.31	14.82	14.72	14.72	15.02	15.42
Colorado	18.70	17.70	17.30	17.30	17.40	17.40
Florida	22.60	21.20	20.20	20.10	20.50	20.90
Idaho	16.80	16.40	16.30	16.50	16.60	16.70
Illinois	18.20	17.50	17.40	17.30	17.30	17.50
Indiana	18.10	17.10	16.70	17.00	16.50	16.50
Iowa	17.60	17.20	16.90	16.90	16.90	17.30
Kansas	17.50	17.00	16.60	16.20	16.40	16.30
Michigan	17.60	16.60	16.20	16.20	16.00	16.00
Minnesota	18.30	17.70	17.40	17.60	17.80	17.90
New Mexico	16.40	16.00	15.70	15.50	16.00	15.60
New York	18.70	17.90	17.60	17.50	17.60	17.70
Ohio	18.70	17.80	17.50	17.30	17.20	17.10
Oregon	18.90	18.00	17.90	18.00	18.50	18.50
Pennsylvania	19.10	18.40	17.90	17.60	17.80	18.20
South Dakota	19.00	18.50	18.30	18.40	18.40	18.70
Texas	18.20	17.60	17.20	17.00	17.10	17.20
Utah	17.80	16.50	16.40	16.40	16.70	16.90
Vermont	19.20	18.30	18.00	17.90	18.00	18.20
Virginia	20.60	19.20	18.30	17.90	17.90	18.50
Washington	17.50	16.80	16.40	16.30	16.70	16.50
Wisconsin	18.40	17.60	17.60	17.60	17.80	18.00
United States	17.50	16.90	16.60	16.60	16.80	16.90

State	July	August	September	October	November	December
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	15.60	15.60	16.30	16.80	17.60	16.70
California	15.02	15.43	16.03	16.12	16.62	15.81
Colorado	17.20	17.30	18.20	18.20	19.00	18.10
Florida	21.40	21.00	22.20	21.50	22.20	21.50
Idaho	16.30	16.50	16.90	17.10	17.60	16.70
Illinois	17.40	17.40	17.80	18.10	18.60	17.60
Indiana	16.40	16.30	17.60	18.00	19.00	17.50
Iowa	17.10	17.10	17.80	17.70	18.00	17.20
Kansas	16.30	16.60	17.50	17.70	18.50	17.00
Michigan	15.90	16.00	17.20	17.30	17.80	16.50
Minnesota	17.40	17.50	17.80	17.70	17.70	17.00
New Mexico	15.90	15.40	16.60	16.60	17.50	16.00
New York	17.40	17.40	18.60	19.20	20.00	18.80
Ohio	17.10	17.10	18.40	18.80	19.60	17.80
Oregon	18.00	18.20	19.20	19.40	19.80	18.80
Pennsylvania	17.50	17.70	18.90	19.40	20.20	19.10
South Dakota	18.10	18.20	18.40	18.70	19.00	18.20
Texas	17.20	17.60	18.20	18.40	19.10	17.80
Utah	16.70	16.70	17.00	17.40	18.40	17.80
Vermont	17.90	17.80	19.00	19.50	20.30	19.10
Virginia	19.10	19.30	20.50	20.60	21.40	20.20
Washington	16.10	16.00	18.00	18.50	19.40	18.30
Wisconsin	17.60	17.60	17.90	17.90	18.20	17.30
United States	16.60	16.80	17.60	17.70	18.30	17.30

Prices Received for All Milk Sold at Plants by Month – States and United States: 2016

State	January	February	March	April	May	June
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	15.20	14.30	14.00	13.90	13.80	14.10
California	14.82	14.33	13.93	13.63	12.91	13.83
Colorado	16.60	16.20	15.70	15.70	15.20	15.20
Florida	19.80	18.90	18.30	18.50	18.30	18.20
Idaho	15.60	15.40	15.00	14.70	14.20	14.60
Illinois	16.30	16.00	15.40	15.40	14.70	14.80
Indiana	16.30	15.80	15.10	15.10	14.70	14.80
Iowa	15.90	15.70	15.50	15.20	14.50	14.90
Kansas	16.00	15.50	15.00	14.90	14.20	14.20
Michigan	15.30	14.80	14.10	14.00	13.50	13.70
Minnesota	16.40	16.10	15.80	15.60	14.80	15.00
New Mexico	15.30	15.00	14.60	14.40	14.00	13.90
New York	17.00	16.70	16.20	16.10	15.80	15.80
Ohio	16.90	16.60	16.00	16.00	15.60	15.50
Oregon	17.50	17.20	16.80	16.60	15.90	16.50
Pennsylvania	17.50	16.80	16.40	16.40	15.70	15.80
South Dakota	17.00	16.80	16.60	16.20	15.20	15.70
Texas	16.80	16.40	16.00	15.80	15.30	15.20
Utah	16.00	15.60	14.90	14.90	14.40	14.40
Vermont	17.40	17.10	16.50	16.40	16.00	16.00
Virginia	18.70	17.70	17.00	16.40	16.40	16.30
Washington	16.40	16.00	15.30	15.10	15.00	15.30
Wisconsin	16.10	16.10	15.80	15.60	14.80	14.90
United States	16.10	15.70	15.30	15.10	14.50	14.80

State	July	August	September	October	November	December
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	15.30	16.20	16.50	15.80	15.80	17.20
California	14.94	16.06	15.94	15.43	17.07	17.55
Colorado	16.20	17.20	17.90	17.30	17.50	19.20
Florida	19.00	19.90	21.40	20.90	19.90	22.10
Idaho	16.20	17.30	17.20	16.40	17.90	18.60
Illinois	16.50	17.60	17.70	17.20	18.10	19.70
Indiana	15.90	16.60	17.20	16.30	17.30	19.20
Iowa	16.50	17.50	17.80	17.30	18.60	19.50
Kansas	15.60	16.60	17.00	16.20	17.40	18.70
Michigan	14.80	15.60	16.20	15.30	16.00	17.80
Minnesota	16.80	18.10	17.90	17.20	18.80	19.60
New Mexico	15.20	16.60	16.80	15.90	17.00	18.20
New York	16.80	17.30	17.80	17.40	17.80	19.30
Ohio	16.50	17.10	17.70	16.60	17.60	19.30
Oregon	18.40	19.50	19.50	18.40	19.80	21.30
Pennsylvania	16.90	17.20	18.10	17.60	17.70	19.70
South Dakota	17.50	18.80	18.30	18.20	19.80	20.50
Texas	16.70	18.10	18.60	17.80	19.10	20.30
Utah	15.40	16.50	17.30	16.60	17.10	18.80
Vermont	17.10	17.70	18.20	17.70	18.20	19.70
Virginia	17.30	18.30	19.60	19.40	18.70	20.50
Washington	16.80	17.20	17.50	17.00	17.40	19.00
Wisconsin	16.70	18.00	18.00	17.00	18.70	19.70
United States	16.10	17.20	17.40	16.70	17.80	18.90

Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2015

State	January	February	March	April	May	June
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.54	3.48	3.42	3.40	3.40	3.43
California	3.82	3.73	3.70	3.67	3.65	3.62
Colorado	3.72	3.65	3.64	3.59	3.58	3.49
Florida	3.61	3.64	3.55	3.51	3.52	3.56
Idaho	3.88	3.83	3.80	3.77	3.72	3.70
Illinois	3.87	3.86	3.85	3.73	3.67	3.62
Indiana	3.82	3.81	3.77	3.69	3.60	3.54
Iowa	3.86	3.86	3.83	3.76	3.72	3.66
Kansas	3.88	3.84	3.74	3.65	3.63	3.57
Michigan	3.78	3.80	3.75	3.67	3.60	3.55
Minnesota	3.94	3.93	3.91	3.85	3.82	3.73
New Mexico	3.75	3.67	3.62	3.52	3.47	3.44
New York	3.90	3.91	3.87	3.78	3.70	3.65
Ohio	3.90	3.91	3.86	3.75	3.66	3.62
Oregon	3.96	3.87	3.87	3.87	3.78	3.77
Pennsylvania	3.78	3.83	3.81	3.71	3.63	3.58
South Dakota	4.08	4.06	4.06	4.00	3.95	3.89
Texas	4.03	3.94	3.93	3.82	3.79	3.75
Utah	3.83	3.76	3.74	3.71	3.63	3.58
Vermont	3.94	3.96	3.93	3.86	3.78	3.74
Virginia	3.80	3.79	3.74	3.63	3.56	3.53
Washington	3.96	3.87	3.87	3.87	3.78	3.77
Wisconsin	3.85	3.84	3.81	3.76	3.71	3.66
United States	3.85	3.81	3.78	3.72	3.67	3.63

State	July	August	September	October	November	December
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.37	3.39	3.44	3.51	3.63	3.62
California	3.59	3.63	3.70	3.76	3.84	3.90
Colorado	3.44	3.46	3.54	3.62	3.75	3.78
Florida	3.60	3.61	3.66	3.66	3.64	3.62
Idaho	3.63	3.72	3.79	3.85	3.98	4.03
Illinois	3.60	3.61	3.74	3.83	3.91	3.91
Indiana	3.53	3.51	3.58	3.69	3.77	3.77
Iowa	3.65	3.66	3.73	3.86	3.93	3.94
Kansas	3.51	3.51	3.59	3.74	3.85	3.89
Michigan	3.54	3.55	3.59	3.70	3.73	3.74
Minnesota	3.71	3.74	3.81	3.95	3.99	4.00
New Mexico	3.43	3.40	3.45	3.58	3.72	3.78
New York	3.65	3.64	3.70	3.85	3.88	3.86
Ohio	3.61	3.60	3.69	3.81	3.88	3.89
Oregon	3.74	3.77	3.85	4.00	4.12	4.14
Pennsylvania	3.58	3.62	3.67	3.81	3.85	3.84
South Dakota	3.85	3.88	3.95	4.10	4.16	4.18
Texas	3.71	3.72	3.79	3.92	4.04	4.08
Utah	3.54	3.63	3.71	3.80	3.95	4.00
Vermont	3.72	3.70	3.75	3.87	3.87	3.84
Virginia	3.54	3.56	3.64	3.78	3.81	3.79
Washington	3.74	3.77	3.85	4.00	4.12	4.14
Wisconsin	3.63	3.64	3.69	3.81	3.86	3.86
United States	3.61	3.63	3.70	3.80	3.88	3.90

Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2016

State	January	February	March	April	May	June
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.64	3.50	3.50	3.50	3.50	3.50
California	3.86	3.81	3.75	3.73	3.73	3.70
Colorado	3.79	3.71	3.66	3.65	3.62	3.53
Florida	3.62	3.65	3.57	3.52	3.52	3.55
Idaho	3.98	3.92	3.86	3.82	3.76	3.74
Illinois	3.92	3.88	3.81	3.79	3.73	3.67
Indiana	3.81	3.78	3.72	3.71	3.67	3.57
Iowa	3.94	3.91	3.86	3.84	3.78	3.72
Kansas	3.85	3.72	3.70	3.68	3.62	3.57
Michigan	3.77	3.77	3.71	3.71	3.59	3.54
Minnesota	4.00	3.97	3.94	3.90	3.84	3.78
New Mexico	3.75	3.66	3.59	3.55	3.51	3.46
New York	3.89	3.90	3.86	3.83	3.78	3.68
Ohio	3.93	3.92	3.85	3.84	3.73	3.68
Oregon	4.09	4.01	3.93	3.86	3.89	3.88
Pennsylvania	3.89	3.89	3.83	3.79	3.74	3.65
South Dakota	4.16	4.14	4.10	4.05	3.98	3.92
Texas	4.06	3.98	3.94	3.91	3.88	3.83
Utah	3.98	3.92	3.81	3.76	3.73	3.64
Vermont	3.89	3.88	3.86	3.83	3.78	3.69
Virginia	3.81	3.83	3.73	3.66	3.64	3.59
Washington	4.09	4.01	3.93	3.86	3.89	3.88
Wisconsin	3.86	3.85	3.81	3.80	3.76	3.67
United States	3.89	3.85	3.80	3.77	3.74	3.68

State	July	August	September	October	November	December
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.46	3.45	3.56	3.61	3.63	3.69
California	3.67	3.69	3.79	3.85	3.88	3.96
Colorado	3.51	3.54	3.63	3.67	3.70	3.81
Florida	3.57	3.62	3.67	3.70	3.71	3.70
Idaho	3.72	3.72	3.86	3.94	3.95	4.07
Illinois	3.64	3.63	3.69	3.83	3.89	3.98
Indiana	3.56	3.55	3.61	3.72	3.80	3.92
Iowa	3.70	3.70	3.81	3.90	3.94	4.00
Kansas	3.53	3.54	3.63	3.71	3.77	3.89
Michigan	3.53	3.54	3.59	3.70	3.76	3.84
Minnesota	3.76	3.78	3.88	3.98	3.99	4.03
New Mexico	3.43	3.48	3.60	3.63	3.70	3.77
New York	3.66	3.65	3.71	3.84	3.92	3.96
Ohio	3.65	3.64	3.72	3.84	3.94	4.01
Oregon	3.87	3.82	3.90	4.01	4.07	4.15
Pennsylvania	3.63	3.62	3.70	3.83	3.90	3.96
South Dakota	3.91	3.94	4.01	4.13	4.16	4.20
Texas	3.78	3.84	3.96	4.03	4.08	4.18
Utah	3.61	3.64	3.79	3.84	3.87	3.99
Vermont	3.68	3.67	3.74	3.86	3.93	3.95
Virginia	3.57	3.55	3.62	3.75	3.82	3.91
Washington	3.87	3.82	3.90	4.01	4.07	4.15
Wisconsin	3.65	3.62	3.73	3.83	3.88	3.94
United States	3.66	3.66	3.76	3.85	3.89	3.97

Adjustment for Seasonal Variation - All Eggs and All Milk

Base prices used in calculating parity prices are averages of prices received by farmers for ten years; therefore, any seasonal variation is largely averaged out. To facilitate comparisons with parity prices, monthly prices for All Eggs and All Milk are adjusted for seasonal variation. The seasonally adjusted price is calculated by dividing the monthly price by the adjustment factor.

Prices Received for All Eggs Adjusted for Seasonal Variation by Month – United States: 2013-2016

State	Prices received adjusted for seasonal variation, dollars per dozen											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	0.934	1.020	0.981	1.090	0.976	1.400	1.070	1.090	1.040	1.070	1.040	1.140
2014	1.130	1.180	1.350	1.150	1.400	1.280	1.220	1.260	1.070	1.160	1.210	1.350
2015	1.520	1.350	1.310	1.540	1.260	1.890	2.060	1.850	2.150	1.930	1.580	1.690
2016	0.983	1.240	1.120	0.994	0.748	0.597	0.553	0.617	0.598	0.608	0.559	0.479

[1] December preceding year.

Prices Received for All Eggs as a Percentage of Parity Price by Month – United States: 2013-2016

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	36	39	38	42	38	54	41	42	40	42	40	45
2014	45	45	51	43	50	46	44	45	39	42	43	49
2015	55	49	47	55	45	68	74	67	78	71	58	63
2016	37	42	38	33	25	20	18	21	20	21	19	16

[1] December preceding year.

Prices Received for All Eggs Adjustment Factors by Month – United States: 2013-2016

State	Seasonal price adjustment factors, percent											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	121	104	101	105	91	83	87	95	104	96	100	116
2014	121	95	104	108	91	91	90	98	101	91	95	113
2015	116	93	98	100	86	91	97	103	111	98	91	118
2016	126	95	97	97	91	92	98	105	109	99	91	122

[1] December preceding year.

Prices Received for All Milk Adjusted for Seasonal Variation by Month – United States: 2013-2016

State	Prices received adjusted for seasonal variation, dollars per cwt											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	19.90	19.70	20.00	20.10	20.50	20.80	20.40	19.60	19.50	19.60	19.80	20.50
2014	21.70	23.40	24.70	25.50	25.60	25.00	24.40	24.40	24.40	24.60	23.20	21.60
2015	20.20	18.10	17.30	17.10	16.90	17.30	17.30	17.20	16.70	16.90	16.50	16.90
2016	16.90	16.40	16.40	16.00	15.30	15.00	15.20	16.50	17.00	16.30	15.50	16.40

[1] December preceding year.

Prices Received for All Milk as a Percentage of Parity Price by Month – United States: 2013-2016

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	38	38	39	39	40	41	40	38	38	40	39	41
2014	44	45	47	48	47	46	44	44	45	45	42	40
2015	37	33	32	31	31	32	32	32	31	32	31	32
2016	33	31	32	31	29	29	29	32	33	32	31	32

[1] December preceding year.

Prices Received for All Milk Adjustment Factors by Month – United States: 2013-2016

State	Seasonal price adjustment factors, percent											
	Dec [1]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2013	104	101	98	95	95	95	96	97	100	102	104	105
2014	101	101	101	99	99	97	95	95	99	104	107	107
2015	101	97	97	97	98	97	98	97	100	104	107	108
2016	102	98	96	96	98	97	97	98	101	106	107	107

[1] December preceding year.

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.

March Prices Paid by Farmers

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 106.4, is up 0.5 percent from February 2017 but is down 0.1 percent from March 2016.

Production: The March index, at 104.1, is up 0.6 percent from February but is 1.2 percent lower than last year. Higher prices in March for feeder cattle, herbicides, nitrogen, and hay & forages more than offset lower prices for LP gas, field crop seeds, other services, and mixed fertilizer.

Feed: At 97.3, the March index increased 1.0 percent from February but is down 3.2 percent from last March. Since February, prices are higher for hay & forages, concentrates, complete feeds, feed grains, and supplements.

Livestock and poultry: The March index, at 102.9, increased 2.1 percent from February but is down 15 percent from last year. Since February, prices are higher for feeder cattle and feeder pigs. The March feeder cattle price, at $135.00 per cwt, is up $3.00 per cwt from the February price. March feeder pigs averaged $187.00 per cwt, up $7.00 per cwt from February.

Fertilizer: The index for March, at 69.5, is up 1.8 percent from February but is 7.9 percent below March a year ago. Since February, higher prices for nitrogen and potash & phosphate more than offset lower prices for mixed fertilizer.

Chemicals: The March index, at 108.8, is up 4.5 percent from February but is unchanged from last March.

Fuels: At 60.9, the March index is down 5.3 percent from February but is 18 percent above March 2016. Compared with February, prices are lower for LP gas and diesel but higher for gasoline.

Machinery: The index for March, at 117.8, increased 0.2 percent from February and is 3.0 percent above last March. Compared with last month, prices are higher for other machinery, self-propelled machinery, and tractors.

Consumer Price Index: The March 2017 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.4 percent over the last 12 months to an index level of 243.801 (1982-1984=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: March 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		
	March 2016	February 2017	March 2017	March 2016	February 2017	March 2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2882	2867	2879	106.5	105.9	106.4
Production	2193	2155	2167	105.4	103.5	104.1
Feed	1107	1061	1072	100.5	96.3	97.3
Livestock and poultry	2385	1990	2032	120.8	100.8	102.9
Seeds	3643	3643	3614	110.9	110.9	110.0
Fertilizer	909	822	836	75.5	68.3	69.5
Chemicals	977	935	977	108.8	104.1	108.8
Fuels	1445	1799	1704	51.7	64.3	60.9
Supplies and repairs	1245	1257	1257	105.5	106.5	106.6
Autos and trucks	3277	3292	3284	106.6	107.1	106.8
Machinery	6988	7186	7199	114.4	117.6	117.8
Building materials	2490	2537	2547	107.0	109.1	109.5
Services and rent	2464	2496	2493	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	115.2	117.7	117.5
Rent	(NA)	(NA)	(NA)	117.3	117.3	117.3
Interest [1]	3827	4070	4070	105.0	111.6	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]	2262	2314	2316	105.9	108.3	108.4
Production, interest, taxes, and wage rates (PITW)	3005	2977	2991	106.6	105.6	106.1
Ratio (received/paid)	(NA)	(NA)	(NA)	88	87	90
Parity ratio [4]	33	33	34	(NA)	(NA)	(NA)
Parity ratio adjusted [5]	34	34	35	(NA)	(NA)	(NA)
PPITW adjusted for productivity [6]	1420	1493	1495	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	105.7	107.4	107.6
Livestock sector (PPITW)	(NA)	(NA)	(NA)	107.4	104.4	105.1
Farm sector (production)	(NA)	(NA)	(NA)	109.3	100.5	101.5
Non-farm sector (production)	(NA)	(NA)	(NA)	102.7	105.4	105.7

(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.

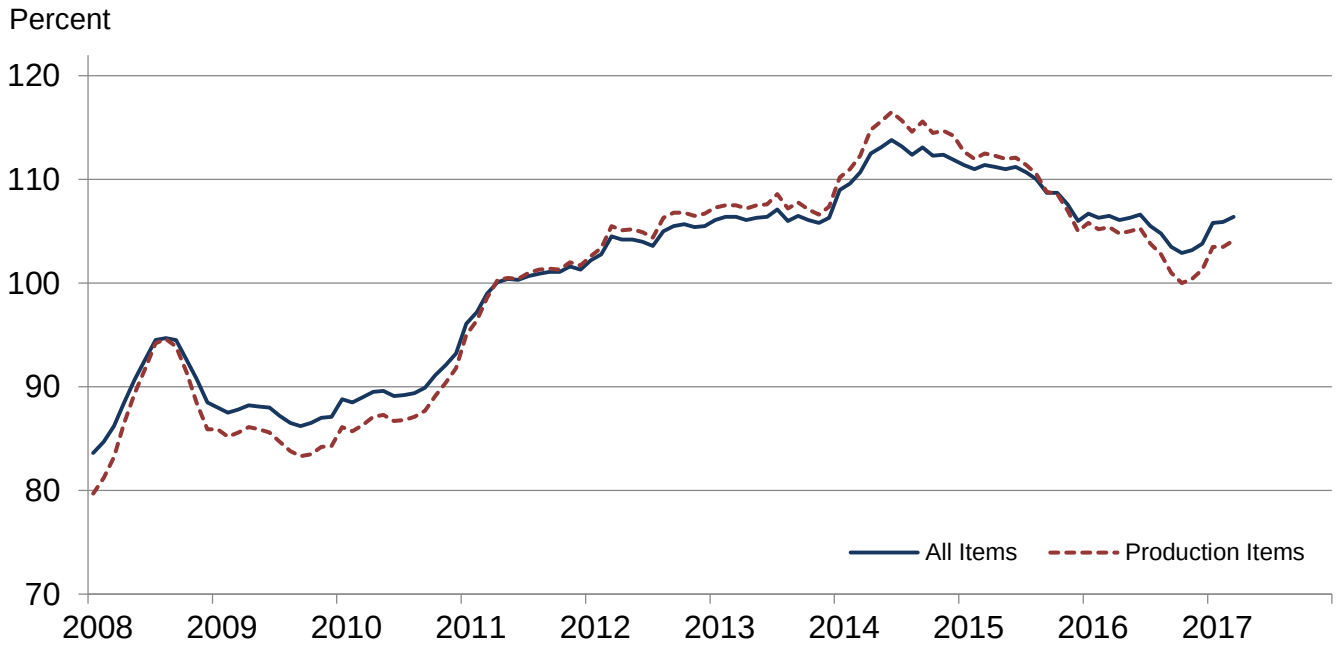
[6] PPITW is adjusted based on productivity trend for the prior 15 years.

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

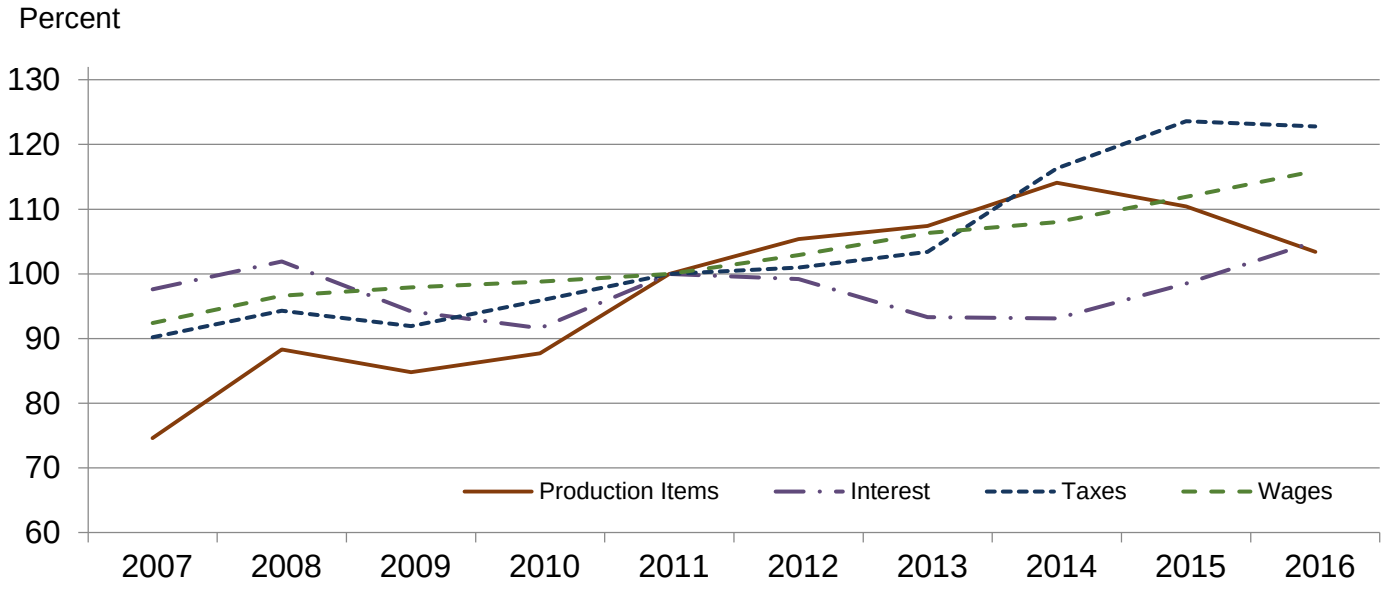
[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Relative weights are a five year moving average]

Index Group	Relative weights		Indexes (2011=100)		
	2016	2017	March 2016	February 2017	March 2017
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	75.6	74.9	105.4	103.5	104.1
Feed	14.5	13.4	100.5	96.3	97.3
Feed grains	2.1	1.9	60.1	57.5	58.0
Complete feeds	7.1	6.6	110.4	104.1	104.5
Hay and forages	1.8	1.7	89.3	84.5	88.2
Concentrates	2.3	2.1	106.8	108.1	109.5
Supplements	1.2	1.1	116.1	112.3	112.7
Livestock and poultry	10.5	10.3	120.8	100.8	102.9
Feeder cattle	8.2	8.0	119.3	96.2	98.4
Feeder pigs	0.8	0.8	139.3	128.6	133.6
Milk cow replacements	0.9	0.9	128.9	114.1	114.1
Poultry	0.6	0.6	105.4	105.4	105.4
Seeds	5.0	5.1	110.9	110.9	110.0
Field crops	4.5	4.6	109.5	109.5	108.4
Grasses and legumes	0.5	0.5	124.0	124.0	125.1
Fertilizer	6.2	5.8	75.5	68.3	69.5
Mixed fertilizer	2.7	2.6	74.8	67.8	67.1
Nitrogen	2.6	2.4	77.0	69.0	72.0
Potash and phosphate	0.9	0.8	73.0	67.5	69.4
Chemicals	3.2	3.3	108.8	104.1	108.8
Herbicides	2.0	2.0	110.7	106.4	111.3
Insecticides	0.7	0.8	109.1	103.5	108.1
Fungicides and other	0.5	0.5	99.9	94.9	99.1
Fuels	3.7	2.5	51.7	64.3	60.9
Diesel	2.3	1.6	47.1	57.5	57.1
Gasoline	0.8	0.5	54.4	63.0	63.5
LP gas	0.6	0.4	65.3	91.3	71.6
Supplies and repairs	4.2	4.4	105.5	106.5	106.6
Supplies	1.4	1.5	106.2	106.7	106.9
Repairs	2.8	2.9	105.2	106.4	106.4
Autos and trucks	1.2	1.2	106.6	107.1	106.8
Autos	0.2	0.1	101.8	102.1	101.7
Trucks	1.0	1.1	107.3	107.8	107.6
Machinery	5.5	5.6	114.4	117.6	117.8
Tractors	1.2	1.2	110.6	112.8	112.9
Self-propelled	2.2	2.3	118.0	120.6	120.8
Other machinery	2.1	2.1	112.7	117.2	117.5
Building materials	3.7	3.9	107.0	109.1	109.5
Services	10.8	11.5	115.2	117.7	117.5
Custom rates	1.1	1.2	111.6	111.6	111.6
Other services	9.7	10.3	115.6	118.4	118.1
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	111.6	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	105.9	108.3	108.4

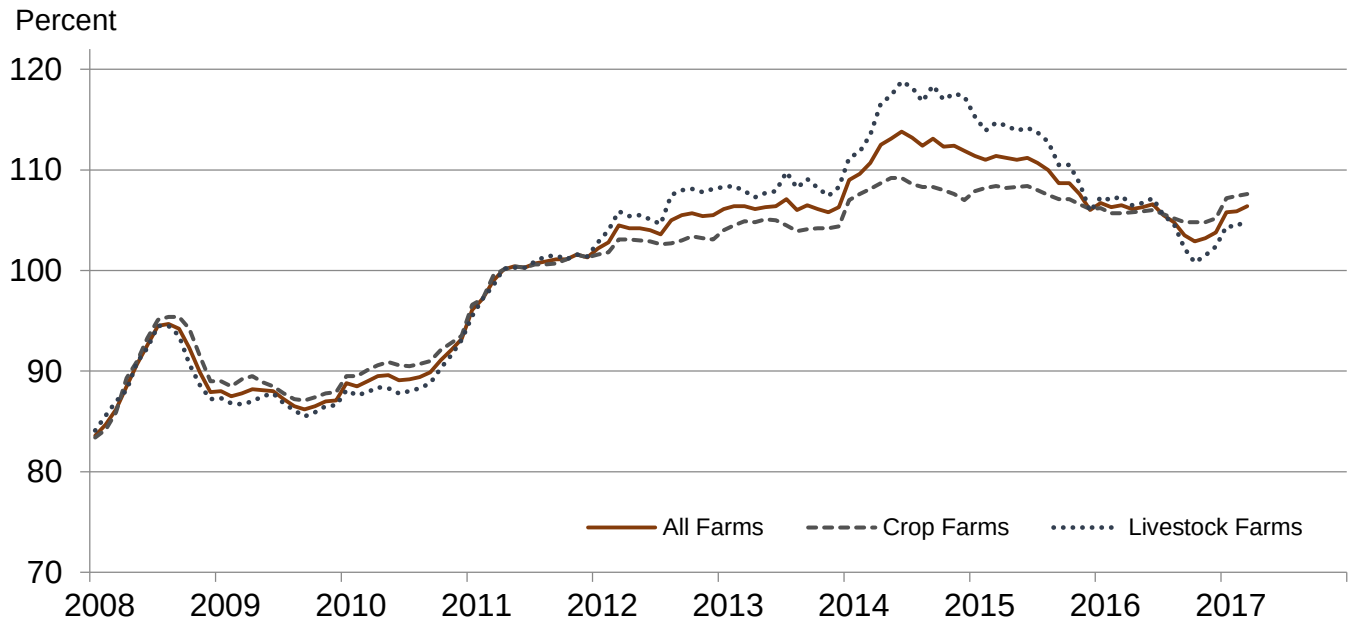
Paid Indexes by Month, All Items and Production Items – United States: 2011=100



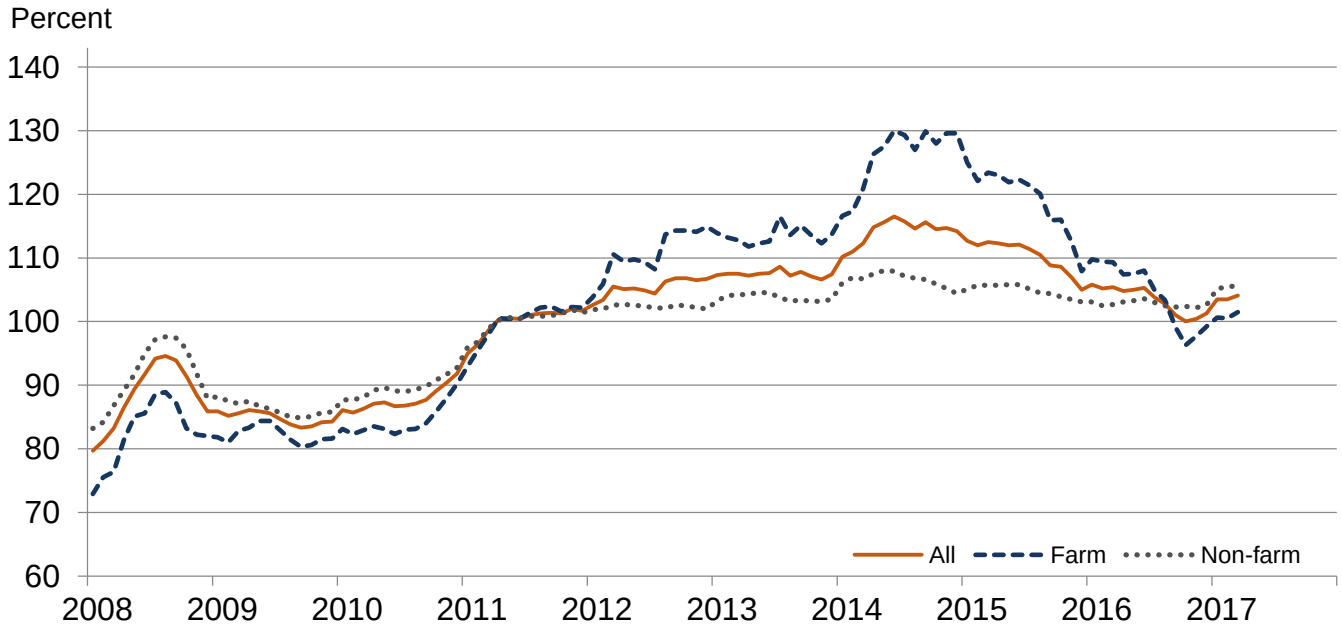
Paid Indexes, Annual Averages, Production Items, Interest, Taxes, and Wages – United States: 2011=100



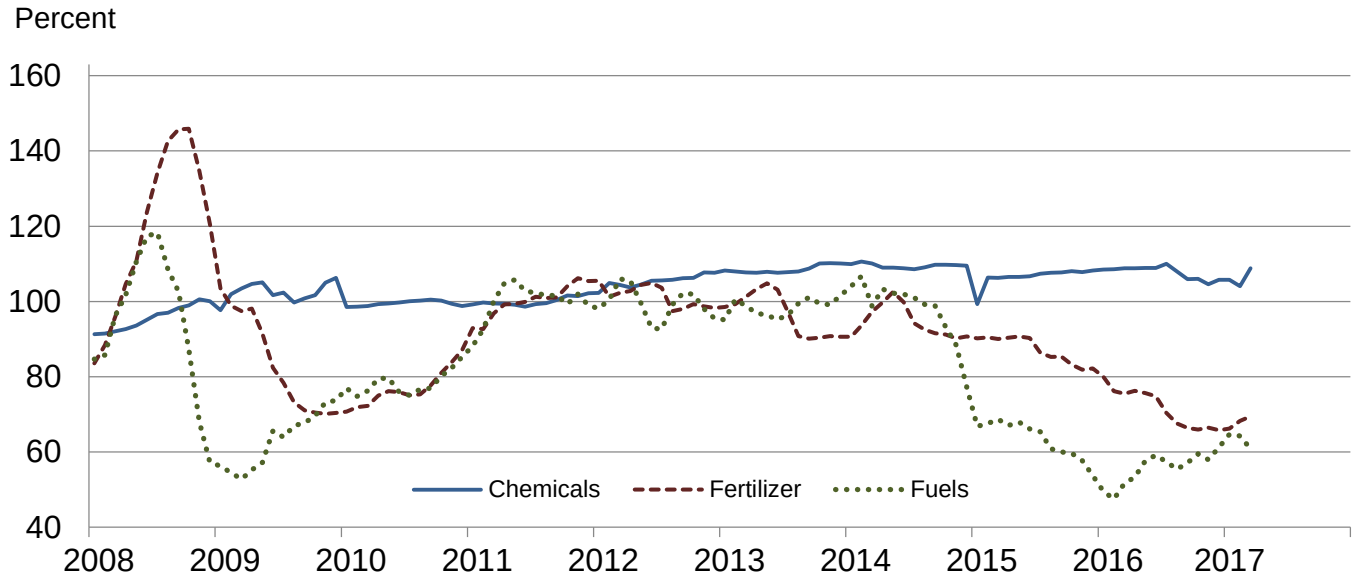
Paid Indexes by Farm Type and Month, All Items – United States: 2011=100



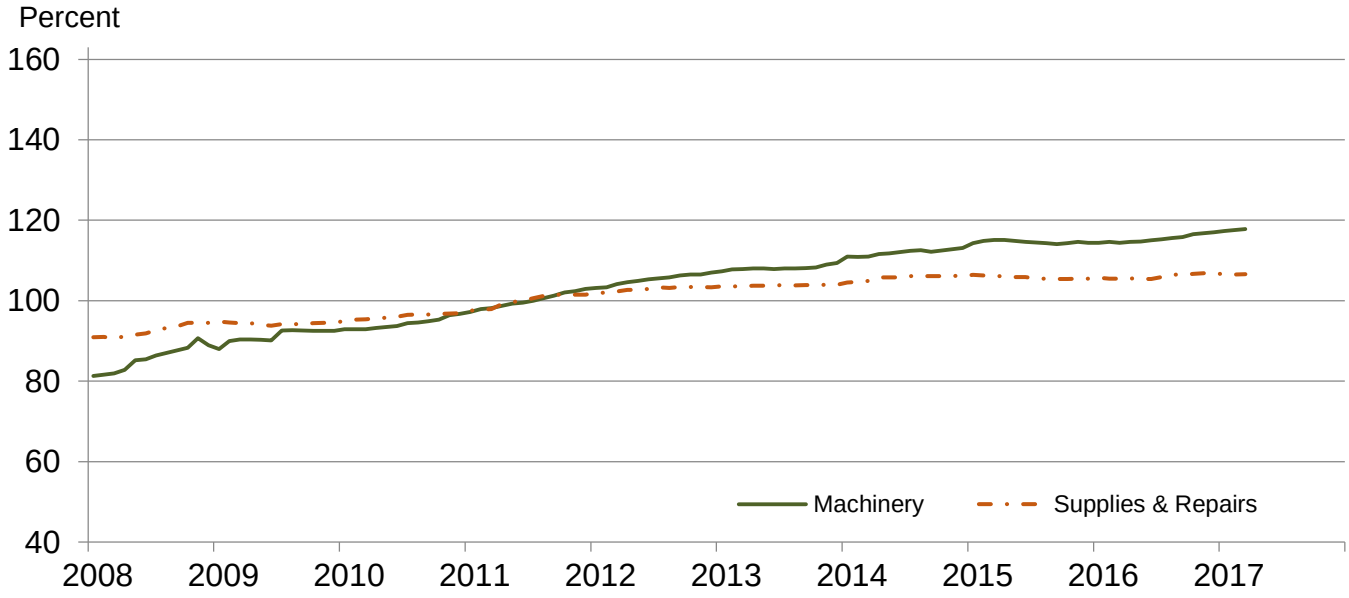
Paid Indexes by Origin and Month, All Production Items – United States: 2011=100



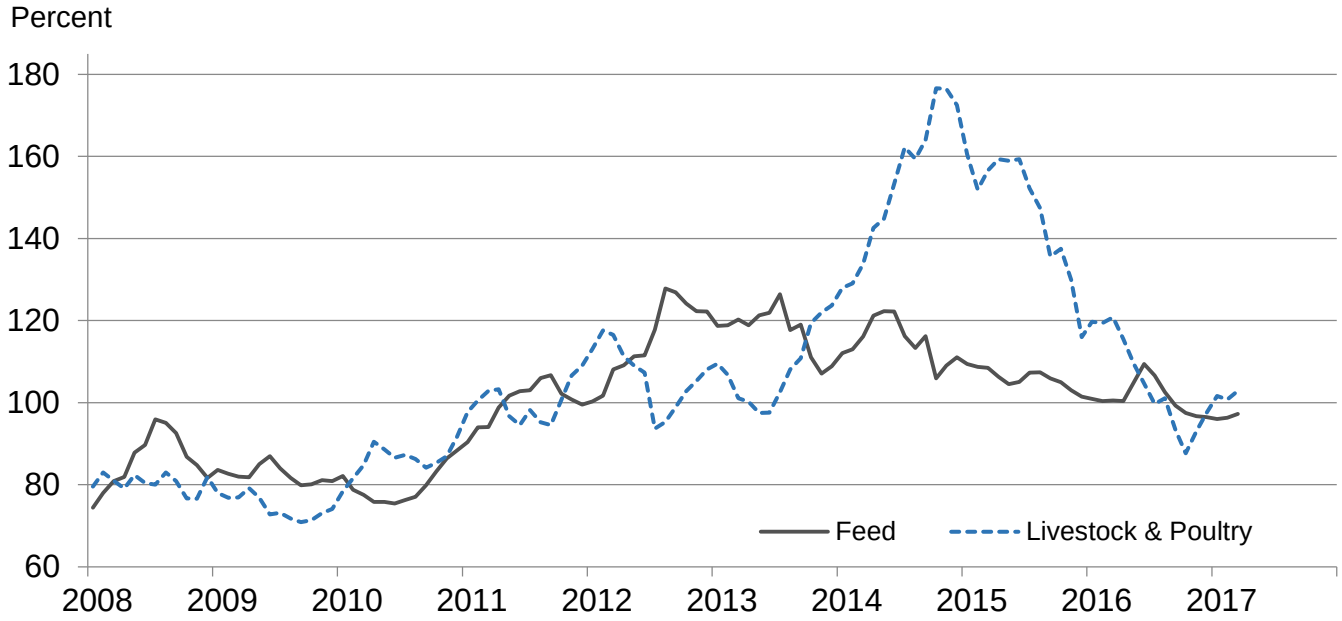
Paid Indexes by Non-farm Origin and Month, Chemicals, Fertilizer, and Fuels – United States: 2011=100



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



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



Feed Price Ratios – United States: March 2017 with Comparisons

Feed price ratio [1]	March 2016	February 2017	March 2017
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight [2]	5.0	4.6	5.3
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs [3]	8.8	4.3	6.4
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	14.0	15.8	15.2
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk [4]	2.12	2.61	2.39
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	38.5	35.2	36.4
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight [5]	9.0	7.3	7.5

[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: March 2017 with Comparisons

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

Item	March 2016	February 2017	March 2017
	(dollars)	(dollars)	(dollars)
Broilers, live ... pound	0.480	0.480	0.550
Eggs, market ... dozen	0.731	0.373	0.555
Hogs, all ... cwt	50.00	54.40	53.00
Milk, all ... cwt	15.30	18.50	17.30
Steers and heifers ... cwt	137.00	121.00	127.00
Turkeys, live ... pound	0.789	0.672	0.690
Corn ... bushel	3.56	3.44	3.49
Hay, alfalfa ... ton	139.00	129.00	135.00
Soybeans ... bushel	8.56	9.86	9.69
Wheat, all ... bushel	4.40	4.15	4.37

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

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

Item	March 2016	February 2017	March 2017
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves ... cwt	163.00	132.00	135.00
Feeder pigs ... cwt	195.00	180.00	187.00

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.

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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