



# Agricultural Prices

ISSN: 1937-4216

Released June 28, 2018, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Special Note

The United States Market Year Average price and monthly price revisions for Barley, Oats, and Wheat (All, Winter, Durum, and Other Spring) previously published in this report will now be published in the August *Agricultural Prices* report.

## May Prices Received Index Increased 1.7 Percent

The May Prices Received Index (Agricultural Production), at 94.3, increased 1.7 percent from April 2018. At 89.0, the Crop Production Index increased 1.1 percent. The Livestock Production Index, at 97.7, increased 2.0 percent. Producers received higher prices for broilers, milk, hogs, and oranges but lower prices for market eggs, strawberries, apples, and calves. Compared with a year earlier, the Prices Received Index is down 3.9 percent. The Crop Production Index increased 3.4 percent but the Livestock Production Index decreased 8.5 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of cattle, broilers, hay, and sweet corn offset the decreased marketing of soybeans, hogs, calves, and apples. The Food Commodities Index, at 97.7, increased 1.8 percent from the previous month but decreased 5.8 percent from May 2017.

## May Prices Paid Index Up 0.4 Percent

The May Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.0, is up 0.4 percent from April 2018 and 2.0 percent from May 2017. Higher prices for complete feeds, other services, diesel, and LP gas more than offset lower prices for feeder pigs, feeder cattle, nitrogen, and herbicides.

## Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: May 2018 with Comparisons

Index Group	May 2017 (percent)	April 2018 (percent)	May 2018 (percent)
Prices received by farmers .....	98.1	92.7	94.3
Prices paid by farmers .....	106.9	108.6	109.0
Ratio of prices received to prices paid .....	92	85	86

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## May Prices Received by Farmers

The May Prices Received Index for agricultural production is 94.3 percent of its 2011 base, up 1.7 percent from the April 2018 index but down 3.9 percent from the May 2017 index.

**Crop production:** The May index, at 89.0, increased 1.1 percent from April and 3.4 percent from May 2017. The increase in the Vegetable & Melon Index more than offset the decrease in the Fruit & Tree Nut Index.

**Grain and oilseed:** The May index, at 69.4 is down 0.1 percent from April but is up 9.5 percent from May 2017. The stable Oilseed Index moderated the Feed Grain Index Food Grain Index increases.

**Feed grain:** The May index, at 61.3, increased 2.3 percent from last month and 6.2 percent from a year ago. The corn price, at \$3.67 per bushel, is up 9 cents from last month and 22 cents from May 2017. At \$6.12 per cwt, sorghum grain is unchanged from April but is 96 cents higher than May a year earlier.

**Food grain:** At 79.9, the index for May is up 1.4 percent from the previous month and 28 percent from a year ago. The May price for all wheat, at \$5.39 per bushel, is 10 cents higher than April and is \$1.34 higher than May 2017.

**Oilseed:** At 79.2, the index for May increased 0.1 percent from April and 6.6 percent from May 2017. The soybean price, at \$9.84 per bushel, is 1 cent higher than April and is 55 cents higher than May a year earlier.

**Fruit and tree nut:** The May index, at 113.4, is down 6.0 percent from April but is up 5.5 percent from a year earlier. The price decrease during May for strawberries more than offset the price increase for oranges.

**Vegetable and melon:** At 104.1, the index for May increased 9.7 percent from the previous month but decreased 7.4 percent from May 2017. Price increases during May for lettuce, and broccoli more than offset price declines for sweet corn and celery.

**Other crop:** The May index, at 85.8, is up 5.3 percent from the previous month and 5.8 percent from May 2017. The all hay price, at \$167.00 per ton, is up \$5.00 from April and is \$20.00 higher than May 2017. At 68.8 cents per pound, the price for upland cotton is 2.1 cents higher than April but 1.1 cents lower than May 2017.

**Livestock production:** The index for May, at 97.7, increased 2.0 percent the previous month but decreased 8.5 percent from May a year earlier. Compared with a year ago, prices are higher for market eggs and broilers. Prices for cattle, turkeys, milk, hogs, and calves are lower than a year earlier.

**Meat animal:** At 99.2, the May index increased 3.0 percent from the previous month but decreased 11 percent from a year earlier. At \$51.50 per cwt, the May hog price is \$6.20 higher than April but is \$2.10 lower than a year earlier. The May beef cattle price of \$120.00 per cwt is \$1.00 higher than the previous month but is \$16.00 lower than May 2017.

**Dairy:** The index for May, at 80.6, is up 2.5 percent from the previous month but is down 3.0 percent from May a year ago. The May all milk price of \$16.20 per cwt is 40 cents higher than April but 50 cents lower than May 2017.

**Poultry and egg:** At 128.8, the May index decreased 0.5 percent from April but increased 11 percent from May 2017. The May market egg price, at 61.9 cents per dozen, is 39.1 cents lower than April but 25.9 cents higher than May 2017. The May broiler price, at 70.0 cents per pound, is 5.0 cents higher than April and 4.0 cents higher than a year ago. At 49.8 cents per pound, the May turkey price is 0.2 cents lower than the previous month and 18.8 cents lower than May 2017.

## Prices Received Indexes, 2011 Base – United States: May 2018 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	2011 Base		
	May 2017	April 2018	May 2018
	(percent)	(percent)	(percent)
Agricultural production .....	98.1	92.7	94.3
Crop production .....	86.1	88.0	89.0
Grain and oilseed .....	63.4	69.5	69.4
Feed grain .....	57.7	59.9	61.3
Food grain .....	62.4	78.8	79.9
Oilseed .....	74.3	79.1	79.2
Fruit and tree nut .....	107.5	120.7	113.4
Vegetable and melon .....	112.4	94.9	104.1
Other crop .....	81.1	81.5	85.8
Livestock production .....	106.8	95.8	97.7
Meat animal .....	111.4	96.3	99.2
Cattle .....	118.4	104.6	105.0
Hog .....	80.6	68.1	77.4
Dairy .....	83.1	78.6	80.6
Poultry and egg .....	116.1	129.4	128.8
Food commodity .....	103.7	96.0	97.7

## Prices Received Indexes, 1910-1914 Base – United States: May 2018 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	1910 - 1914 Base		
	May 2017	April 2018	May 2018
	(percent)	(percent)	(percent)
Agricultural production .....	1012	957	973
Crop production .....	751	767	776
Livestock production .....	1240	1112	1134

## Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2017 and 2018

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	85.7	85.8	76.9	78.2	96.5	94.5	93.0	92.4
February .....	91.0	90.8	84.8	86.1	96.0	94.2	96.2	95.1
March .....	94.1	94.9	85.6	87.4	100.5	99.8	99.8	99.7
April .....	95.8	92.7	90.8	88.0	99.5	95.8	100.9	96.0
May .....	98.1	94.3	86.1	89.0	106.8	97.7	103.7	97.7
June .....	98.1		86.8		107.2		104.0	
July .....	95.2		86.2		103.9		100.5	
August .....	93.6		87.6		98.5		98.3	
September .....	91.9		88.6		94.8		96.6	
October .....	87.2		81.8		94.3		93.0	
November .....	91.0		81.0		101.8		100.1	
December .....	91.6		83.5		99.6		98.7	

## Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2017 and 2018

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://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	
	2017	2018	2017	2018	2017	2018	2017	2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	106.0	108.0	103.8	105.2	107.8	109.3	104.1	106.6
February .....	106.5	108.8	104.4	106.1	108.4	109.5	104.4	107.9
March .....	106.6	109.0	104.6	106.3	108.4	109.9	104.8	108.0
April .....	106.8	108.6	104.9	106.0	108.5	109.6	105.1	107.4
May .....	106.9	109.0	105.0	106.5	108.2	110.0	105.4	108.0
June .....	106.7		104.7		108.2		105.1	
July .....	106.5		104.5		107.9		105.1	
August .....	105.7		103.4		107.6		103.8	
September .....	106.1		103.8		107.8		104.4	
October .....	106.8		104.6		108.0		105.6	
November .....	107.1		105.0		108.3		105.9	
December .....	107.1		105.0		108.0		106.1	

**Prices Received for Field Crops and Fruits – United States: May 2018 with Comparisons**

Commodity	2011 Base Price	May 2017	April 2018	May 2018
<b>Field crops</b>				
Austrian winter peas .....	dollars/cwt	19.50	(D)	(D)
Barley, all .....	dollars/bushel	4.79	5.05	4.44
Feed .....	dollars/bushel	4.59	2.69	3.08
Malting .....	dollars/bushel	4.83	5.27	4.73
Beans, dry edible .....	dollars/cwt	34.60	31.40	26.10
Canola .....	dollars/cwt	23.10	16.80	17.50
Chickpeas, all .....	dollars/cwt	35.70	29.50	39.40
Large .....	dollars/cwt	39.20	35.30	43.60
Small .....	dollars/cwt	23.40	23.50	34.90
Corn .....	dollars/bushel	6.02	3.45	3.58
Cotton, Upland .....	dollars/pound	0.880	0.699	0.667
Cottonseed .....	dollars/ton	131.00	(NA)	(NA)
Flaxseed .....	dollars/bushel	14.20	8.96	9.92
Hay, all, baled .....	dollars/ton	159.00	147.00	162.00
Alfalfa .....	dollars/ton	176.00	157.00	183.00
Other .....	dollars/ton	119.00	127.00	124.00
Lentils .....	dollars/cwt	27.50	30.40	21.20
Oats .....	dollars/bushel	3.42	2.63	2.93
Peanuts, in-shell .....	dollars/pound	0.252	0.194	0.239
Peas, dry edible .....	dollars/cwt	13.60	11.60	11.20
Rice, all .....	dollars/cwt	13.70	10.20	12.90
Long .....	dollars/cwt	12.30	9.38	12.00
Medium and short .....	dollars/cwt	18.40	13.40	15.60
Sorghum grain .....	dollars/cwt	10.70	5.16	6.12
Soybeans .....	dollars/bushel	12.50	9.29	9.83
Sunflowers, all .....	dollars/cwt	29.00	17.30	18.00
Wheat, all .....	dollars/bushel	7.44	4.05	5.29
Winter .....	dollars/bushel	6.93	3.77	4.90
Durum .....	dollars/bushel	9.22	5.82	5.66
Other spring .....	dollars/bushel	8.33	4.81	5.78
Hard red winter .....	dollars/bushel	7.07	3.65	4.83
Soft red winter .....	dollars/bushel	6.77	4.20	4.92
Hard red spring .....	dollars/bushel	8.38	4.95	5.85
White .....	dollars/bushel	6.58	4.07	5.02
<b>Fruits</b>				
<b>Citrus, equivalent on-tree</b>				
Grapefruit .....	dollars/box	7.47	16.44	12.55
Lemons .....	dollars/box	12.30	31.30	18.20
Oranges .....	dollars/box	8.16	12.46	14.20
<b>Non-citrus, fresh</b>				
Apples <sup>1</sup> .....	dollars/pound	0.325	0.360	0.326
Grapes <sup>1</sup> .....	dollars/ton	628.00	(S)	(S)
Peaches <sup>1</sup> .....	dollars/ton	507.00	(S)	(S)
Pears <sup>1</sup> .....	dollars/ton	559.00	694.00	677.00
Strawberries .....	dollars/cwt	104.00	53.20	105.00

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

(NA) Not available.

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

<sup>1</sup> 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: May 2018 with Comparisons

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

Commodity	2011 Base Price	May 2017	April 2018	May 2018	
<b>Vegetables, fresh <sup>1</sup></b>					
Asparagus .....	dollars/cwt	37.50	119.00	105.00	107.00
Beans, snap .....	dollars/cwt	69.00	74.10	66.50	64.50
Broccoli .....	dollars/cwt	41.60	82.60	39.70	56.90
Cantaloupes .....	dollars/cwt	16.50	22.80	(S)	23.20
Carrots .....	dollars/cwt	30.80	27.80	27.30	27.70
Cauliflower .....	dollars/cwt	47.00	70.60	60.80	78.60
Celery .....	dollars/cwt	22.50	79.90	30.70	27.10
Corn, sweet .....	dollars/cwt	30.70	29.80	32.60	28.30
Cucumbers .....	dollars/cwt	18.70	33.40	32.70	43.50
Lettuce .....	dollars/cwt	24.30	26.10	25.50	28.90
Onions <sup>2</sup> .....	dollars/cwt	11.90	14.00	14.80	17.10
Potatoes .....	dollars/cwt	14.30	9.40	11.20	11.40
Tomatoes .....	dollars/cwt	51.20	62.80	25.70	35.40
<b>Livestock</b>					
Calves .....	dollars/cwt	142.00	171.00	170.00	165.00
Cattle, all beef .....	dollars/cwt	115.00	136.00	119.00	120.00
Cows <sup>3</sup> .....	dollars/cwt	71.60	73.30	67.50	66.20
Steers and heifers .....	dollars/cwt	117.00	138.00	122.00	122.00
Milk cows <sup>4</sup> .....	dollars/head	1,420.00	(NA)	1,360.00	(NA)
Hogs, all .....	dollars/cwt	66.50	53.60	45.30	51.50
Barrows and gilts .....	dollars/cwt	66.80	53.80	45.50	51.80
Sows .....	dollars/cwt	57.90	50.00	40.20	43.50
<b>Dairy and poultry</b>					
Milk, all <sup>5</sup> .....	dollars/cwt	20.10	16.70	15.80	16.20
Fat test .....	percent	3.71	3.78	3.87	3.78
Broilers, live <sup>6</sup> .....	dollars/pound	0.459	0.660	0.650	0.700
Eggs, all <sup>7</sup> .....	dollars/dozen	0.969	0.619	1.20	0.856
Market <sup>7 8</sup> .....	dollars/dozen	0.796	0.360	1.01	0.619
Turkeys, live <sup>9</sup> .....	dollars/pound	0.680	0.686	0.500	0.498
<b>Adjusted for seasonal variation</b>					
Eggs, all .....	dollars/dozen	0.979	0.754	1.44	1.06
Seasonal factor .....	percent	101	82	83	81
Milk, all .....	dollars/cwt	20.20	17.80	16.60	17.30
Seasonal factor .....	percent	100	94	95	94

(NA) Not available.

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

<sup>1</sup> Point of first sale.

<sup>2</sup> Includes some processing.

<sup>3</sup> Beef cows and cull dairy cows sold for slaughter.

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

<sup>5</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

<sup>6</sup> Live weight equivalent price.

<sup>7</sup> Mid-month price.

<sup>8</sup> Also referred to as table eggs.

<sup>9</sup> 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 All Wheat, Corn, and Soybeans by Month – United States: 2018 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	(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 .....	4.82	4.01	4.69	3.66	3.40	3.29	8.71	9.71	9.30
February .....	4.61	4.16	4.92	3.58	3.44	3.38	8.51	9.86	9.49
March .....	4.40	4.37	5.10	3.56	3.49	3.51	8.56	9.69	9.81
April .....	4.46	4.16	5.29	3.56	3.43	3.58	9.01	9.33	9.83
May .....	4.45	4.05	5.39	3.68	3.45	3.67	9.76	9.29	9.84
June .....	4.20	4.37		3.82	3.43		10.20	9.10	
July .....	3.75	4.77		3.60	3.49		10.20	9.42	
August .....	3.68	4.83		3.21	3.27		9.93	9.24	
September .....	3.48	4.65		3.22	3.27		9.41	9.35	
October .....	3.68	4.64		3.29	3.26		9.30	9.18	
November .....	3.88	4.73		3.24	3.15		9.47	9.22	
December .....	3.90	4.51		3.32	3.23		9.64	9.30	

## Prices Received for Beef Cattle and All Hogs by Month – United States: 2018 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle <sup>1</sup>			All hogs <sup>2</sup>		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January .....	130.00	117.00	120.00	43.60	48.10	52.50
February .....	132.00	119.00	125.00	49.60	54.40	54.60
March .....	135.00	125.00	125.00	50.00	53.00	50.00
April .....	131.00	128.00	119.00	51.00	48.40	45.30
May .....	128.00	136.00	120.00	57.20	53.60	51.50
June .....	125.00	132.00		60.60	62.10	
July .....	119.00	120.00		59.40	67.30	
August .....	117.00	114.00		52.60	61.50	
September .....	108.00	105.00		47.80	48.90	
October .....	101.00	109.00		41.70	47.30	
November .....	104.00	119.00		39.00	50.00	
December .....	111.00	118.00		43.10	48.60	

<sup>1</sup> Cows and steers & heifers.

<sup>2</sup> Barrows & gilts and sows.



## Prices Received for All Wheat – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	5.22	(S)
Colorado .....	3.27	4.44	4.75
Idaho .....	4.14	4.86	4.97
Illinois .....	4.17	4.85	4.80
Indiana .....	4.22	4.66	4.96
Kansas .....	3.62	4.44	4.83
Michigan .....	4.30	5.01	4.97
Minnesota .....	4.86	5.80	5.76
Missouri .....	4.06	4.95	4.94
Montana .....	4.57	5.58	5.80
Nebraska .....	3.40	4.58	4.78
North Carolina .....	4.54	4.97	5.33
North Dakota .....	4.80	5.58	5.74
Ohio .....	4.16	4.90	5.12
Oklahoma .....	3.67	4.46	4.94
Oregon .....	4.51	5.50	5.61
South Dakota .....	4.21	5.75	5.94
Texas .....	3.69	5.05	5.27
Washington .....	4.25	5.34	5.53
United States .....	4.05	5.29	5.39

(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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	5.22	(S)
Colorado .....	(D)	4.44	4.75
Idaho .....	3.90	4.80	4.83
Illinois .....	4.17	4.85	4.80
Indiana .....	4.22	4.66	4.96
Kansas .....	3.62	4.44	4.83
Michigan .....	4.30	5.01	4.97
Minnesota .....	(D)	(D)	(S)
Missouri .....	4.06	4.95	(D)
Montana .....	3.94	5.18	5.28
Nebraska .....	3.40	4.58	4.78
North Carolina .....	4.54	4.97	5.33
North Dakota .....	3.81	4.25	4.30
Ohio .....	4.16	4.90	5.12
Oklahoma .....	3.67	4.46	4.94
Oregon .....	4.48	5.42	(D)
South Dakota .....	3.79	5.38	5.60
Texas .....	3.69	5.05	5.27
Washington .....	4.07	5.08	5.33
United States .....	3.77	4.90	5.05

(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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
California .....	(S)	(S)	(S)
Idaho .....	(D)	(D)	(D)
Montana .....	5.85	(D)	6.04
North Dakota .....	5.54	5.58	5.52
United States .....	5.82	5.66	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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	(S)	(D)	(D)
Idaho .....	4.59	5.01	5.19
Minnesota .....	4.86	5.80	5.76
Montana .....	4.96	6.27	6.39
North Dakota .....	4.71	5.59	5.75
Oregon .....	4.74	5.99	6.01
South Dakota .....	4.94	6.13	6.13
Washington .....	5.05	6.14	6.28
United States .....	4.81	5.78	5.84

(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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(D)	(S)	(D)
Iowa .....	2.96	2.78	2.94
Michigan .....	2.74	3.48	3.46
Minnesota .....	2.13	2.31	2.39
Montana .....	(S)	(D)	(S)
Nebraska .....	3.15	3.08	3.39
New York .....	(S)	(S)	(D)
North Dakota .....	2.26	2.49	2.28
Oregon .....	(S)	(S)	(S)
Pennsylvania .....	(D)	4.02	(D)
South Dakota .....	2.27	2.58	2.68
Texas .....	(D)	(S)	(D)
Wisconsin .....	2.57	3.24	3.20
United States .....	2.63	2.93	3.14

(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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(D)
Colorado .....	(D)	4.49	4.45
Idaho .....	(D)	(D)	(D)
Minnesota .....	(D)	4.12	4.08
Montana .....	5.01	4.32	4.51
North Dakota .....	4.36	4.13	4.13
Washington .....	3.75	3.54	2.62
Wyoming .....	(D)	(D)	(D)
United States .....	5.05	4.44	4.45

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

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

### Prices Received for Malting Barley – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(D)
Colorado .....	5.64	(D)	4.45
Idaho .....	(D)	(D)	(D)
Minnesota .....	(D)	4.17	4.13
Montana .....	5.12	4.50	(D)
North Dakota .....	4.60	4.54	4.41
Washington .....	(D)	(D)	(S)
Wyoming .....	(D)	(D)	(D)
United States .....	5.27	4.73	4.58

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

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

### Prices Received for Feed Barley – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(D)
Colorado .....	(D)	(D)	(S)
Idaho .....	2.53	3.42	3.38
Minnesota .....	(D)	(D)	3.22
Montana .....	2.19	2.73	(D)
North Dakota .....	3.00	3.07	3.35
Washington .....	2.63	2.78	2.62
Wyoming .....	(S)	(S)	(S)
United States .....	2.69	3.08	3.33

(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: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas .....	(D)	(S)	(D)
Kansas .....	5.15	6.03	6.03
Louisiana .....	(S)	(S)	(S)
Missouri .....	5.81	(D)	6.12
Nebraska .....	4.95	5.81	6.02
Oklahoma .....	5.15	6.11	6.45
Texas .....	5.66	6.47	6.54
United States .....	5.16	6.12	6.12

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

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

## Prices Received for Corn – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama <sup>1</sup>	(NA)	4.26	4.17
Alaska <sup>1</sup>	(NA)	(S)	(S)
Arizona <sup>1</sup>	(NA)	(D)	(D)
Arkansas <sup>1</sup>	(NA)	3.82	4.02
California <sup>1</sup>	(NA)	(S)	(D)
Colorado	3.50	3.56	3.66
Connecticut <sup>1</sup>	(NA)	(S)	(S)
Delaware <sup>1</sup>	(NA)	(D)	(D)
Florida <sup>1</sup>	(NA)	(D)	(D)
Georgia <sup>1</sup>	(NA)	(D)	4.87
Hawaii <sup>1</sup>	(NA)	(S)	(S)
Idaho <sup>1</sup>	(NA)	4.33	(D)
Illinois	3.55	3.61	3.69
Indiana	3.79	3.80	3.92
Iowa	3.39	3.52	3.57
Kansas	3.43	3.57	3.69
Kentucky	3.76	3.87	3.95
Louisiana <sup>1</sup>	(NA)	3.82	(D)
Maine <sup>1</sup>	(NA)	(S)	(S)
Maryland <sup>1</sup>	(NA)	3.98	(D)
Massachusetts <sup>1</sup>	(NA)	(S)	(S)
Michigan	3.58	3.74	3.83
Minnesota	3.31	3.38	3.50
Mississippi <sup>1</sup>	(NA)	(D)	3.86
Missouri	3.54	3.61	3.79
Montana <sup>1</sup>	(NA)	(D)	(D)
Nebraska	3.39	3.59	3.72
Nevada <sup>1</sup>	(NA)	(S)	(S)
New Hampshire <sup>1</sup>	(NA)	(S)	(S)
New Jersey <sup>1</sup>	(NA)	(D)	(D)
New Mexico <sup>1</sup>	(NA)	(D)	(D)
New York <sup>1</sup>	(NA)	4.13	3.81
North Carolina	4.39	4.48	5.14
North Dakota	3.13	3.19	3.36
Ohio	3.74	3.83	3.96
Oklahoma <sup>1</sup>	(NA)	3.83	3.99
Oregon <sup>1</sup>	(NA)	(D)	(S)
Pennsylvania	4.25	4.07	4.23
Rhode Island <sup>1</sup>	(NA)	(S)	(S)
South Carolina <sup>1</sup>	(NA)	(D)	4.88
South Dakota	3.13	3.29	3.46
Tennessee	3.78	3.95	3.94
Texas	3.83	3.86	3.92
Utah <sup>1</sup>	(NA)	(D)	(D)
Vermont <sup>1</sup>	(NA)	(S)	(S)
Virginia <sup>1</sup>	(NA)	4.27	4.37
Washington <sup>1</sup>	(NA)	4.13	(D)
West Virginia <sup>1</sup>	(NA)	(D)	(D)
Wisconsin	3.35	3.52	3.64
Wyoming <sup>1</sup>	(NA)	(D)	(D)
United States <sup>2</sup>	3.45	3.58	3.67

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

(NA) Not available.

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

<sup>1</sup> States added September 2017.

<sup>2</sup> United States price includes Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, and Wisconsin.

### Prices Received for Soybeans – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	10.10	9.76
Illinois .....	9.46	10.00	10.00
Indiana .....	9.58	10.30	10.50
Iowa .....	9.14	9.75	9.58
Kansas .....	9.07	9.56	9.59
Kentucky .....	9.61	10.20	10.10
Louisiana .....	10.00	(D)	(D)
Michigan .....	9.55	10.00	10.10
Minnesota .....	9.33	9.47	9.73
Mississippi .....	9.56	10.00	9.98
Missouri .....	9.44	9.98	9.98
Nebraska .....	8.90	9.63	9.63
North Carolina .....	9.43	10.10	10.10
North Dakota .....	8.71	9.32	9.41
Ohio .....	9.56	10.30	10.10
South Dakota .....	8.84	9.49	9.46
Tennessee .....	9.33	10.10	10.10
Wisconsin .....	9.34	9.77	9.84
United States .....	9.29	9.83	9.84

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

### Prices Received for Dry Beans – States and United States: May 2018 with Comparisons

State	May 2017	April 2018	May 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	57.80	72.40	(D)
Colorado .....	33.90	23.30	29.90
Idaho .....	(D)	35.10	31.50
Michigan .....	33.80	(D)	30.90
Minnesota .....	27.90	24.60	(D)
Nebraska .....	(D)	(D)	(D)
North Dakota .....	29.10	23.90	23.50
United States .....	31.40	26.10	27.50

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

**Prices Received for Peanuts (in shell) – States and United States: May 2018 with Comparisons**

State	May 2017	April 2018	May 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.180	0.220	0.226
Arkansas .....	0.183	0.196	0.190
Florida .....	0.195	0.217	0.218
Georgia .....	0.188	0.223	0.219
Mississippi .....	0.183	0.188	0.240
New Mexico .....	(S)	(S)	(S)
North Carolina .....	0.222	(D)	0.239
Oklahoma .....	0.211	0.244	0.249
South Carolina .....	0.195	0.216	0.231
Texas .....	0.213	0.320	0.250
Virginia .....	0.208	0.238	0.243
United States .....	0.194	0.239	0.228

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

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

**Prices Received for Sunflower – States and United States: May 2018 with Comparisons**

State	May 2017	April 2018	May 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	(D)	18.70	(D)
Minnesota .....	19.80	19.00	(D)
North Dakota .....	17.80	18.30	19.40
South Dakota .....	16.40	17.30	16.90
United States .....	17.30	18.00	17.90

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

**Prices Received for Canola – States and United States: May 2018 with Comparisons**

State	May 2017	April 2018	May 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(S)	(D)
Montana .....	(D)	17.40	(D)
North Dakota .....	(D)	17.50	18.50
Oklahoma .....	12.90	(S)	(S)
United States .....	16.80	17.50	18.50

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

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

**Prices Received for Flaxseed – States and United States: May 2018 with Comparisons**

State	May 2017	April 2018	May 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	8.96	9.92	10.10
United States .....	8.96	9.92	10.10

## Prices Received for Upland Cotton and Cottonseed – States and United States: May 2018 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	May 2017	April 2018	May 2018	May 2017	April 2018	May 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
Arizona .....	(D)	(S)	(S)	(NA)	(NA)	(NA)
Arkansas .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
California .....	(D)	(S)	(S)	(NA)	(NA)	(NA)
Georgia .....	(D)	0.725	0.745	(NA)	(NA)	(NA)
Louisiana .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mississippi .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
North Carolina .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
Tennessee .....	(D)	0.699	(D)	(NA)	(NA)	(NA)
Texas .....	0.673	0.634	0.650	(NA)	(NA)	(NA)
United States .....	0.699	0.667	0.688	(NA)	(NA)	(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: May 2018 with Comparisons

Item	May 2017	April 2018	May 2018
Cotton, Upland			
Average price .....dollars/pound	0.699	0.667	0.688
Marketings <sup>1</sup> .....1,000 bales	299	769	790
Rice, all			
Average price .....dollars/cwt	10.20	12.90	12.90
Marketings <sup>2</sup> .....1,000 cwt	16,874	13,008	11,963
Rice, long			
Average price .....dollars/cwt	9.38	12.00	12.10
Marketings <sup>2</sup> .....1,000 cwt	13,276	10,013	9,695
Rice, medium and short			
California			
Average price .....dollars/cwt	14.10	17.10	17.50
Other States <sup>3</sup>			
Average price .....dollars/cwt	10.10	12.80	12.80
United States			
Average price .....dollars/cwt	13.40	15.60	16.20
Marketings <sup>2</sup> .....1,000 cwt	3,598	2,995	2,268

<sup>1</sup> 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.

<sup>2</sup> Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

<sup>3</sup> Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

**Prices Received for Hay by Type – States and United States: May 2018 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	May 2017	April 2018	May 2018	May 2017	April 2018	May 2018	May 2017	April 2018	May 2018
	(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)
Alabama <sup>1</sup>	(NA)	101.00	98.00	(NA)	(S)	(S)	(NA)	(S)	93.00
Alaska <sup>1</sup>	(NA)	340.00	330.00	(NA)	(S)	(S)	(NA)	340.00	330.00
Arizona	170.00	210.00	210.00	170.00	210.00	210.00	160.00	200.00	200.00
Arkansas <sup>1</sup>	(NA)	98.00	98.00	(NA)	(S)	(S)	(NA)	(S)	(S)
California	170.00	193.00	194.00	180.00	205.00	210.00	130.00	135.00	135.00
Colorado	175.00	190.00	190.00	175.00	190.00	190.00	180.00	190.00	190.00
Connecticut <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Delaware <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Florida <sup>1</sup>	(NA)	136.00	146.00	(NA)	(S)	(S)	(NA)	(S)	(S)
Georgia <sup>1</sup>	(NA)	75.00	74.00	(NA)	(S)	(S)	(NA)	(S)	(S)
Hawaii <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Idaho	135.00	141.00	137.00	135.00	140.00	135.00	140.00	160.00	160.00
Illinois	139.00	143.00	136.00	155.00	155.00	150.00	90.00	100.00	95.00
Indiana <sup>1</sup>	(NA)	191.00	170.00	(NA)	215.00	210.00	(NA)	170.00	165.00
Iowa	89.00	136.00	126.00	96.00	142.00	126.00	75.00	122.00	125.00
Kansas	100.00	139.00	144.00	112.00	159.00	160.00	79.00	96.00	116.00
Kentucky	152.00	157.00	164.00	215.00	215.00	215.00	110.00	130.00	130.00
Louisiana <sup>1</sup>	(NA)	97.00	98.00	(NA)	(S)	(S)	(NA)	97.00	98.00
Maine <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Maryland <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Massachusetts <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Michigan	137.00	188.00	155.00	150.00	200.00	160.00	120.00	160.00	145.00
Minnesota	81.00	146.00	135.00	87.00	156.00	144.00	64.00	127.00	107.00
Mississippi <sup>1</sup>	(NA)	91.00	91.00	(NA)	(S)	(S)	(NA)	91.00	91.00
Missouri	104.00	102.00	110.00	160.00	150.00	155.00	85.00	90.00	95.00
Montana	130.00	156.00	152.00	130.00	160.00	155.00	130.00	135.00	135.00
Nebraska	74.00	98.00	104.00	77.00	110.00	114.00	64.00	74.00	70.00
Nevada	169.00	177.00	179.00	170.00	180.00	180.00	140.00	150.00	150.00
New Hampshire <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
New Jersey <sup>1</sup>	(NA)	146.00	(S)	(NA)	(S)	(S)	(NA)	122.00	(S)
New Mexico	182.00	204.00	229.00	185.00	210.00	240.00	165.00	170.00	170.00
New York	220.00	124.00	126.00	250.00	190.00	190.00	217.00	120.00	120.00
North Carolina <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
North Dakota	79.00	105.00	113.00	80.00	110.00	116.00	69.00	75.00	70.00
Ohio	127.00	184.00	193.00	165.00	210.00	215.00	115.00	150.00	135.00
Oklahoma	109.00	99.00	112.00	121.00	183.00	193.00	91.00	86.00	96.00
Oregon	150.00	177.00	173.00	155.00	180.00	180.00	140.00	170.00	160.00
Pennsylvania	166.00	157.00	142.00	172.00	174.00	160.00	165.00	154.00	133.00
Rhode Island <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
South Carolina <sup>1</sup>	(NA)	154.00	155.00	(NA)	(S)	(S)	(NA)	(S)	(S)
South Dakota	100.00	116.00	112.00	103.00	119.00	116.00	90.00	106.00	95.00
Tennessee <sup>1</sup>	(NA)	122.00	117.00	(NA)	215.00	(S)	(NA)	120.00	115.00
Texas	131.00	121.00	146.00	181.00	211.00	212.00	105.00	106.00	112.00
Utah	120.00	150.00	150.00	120.00	150.00	150.00	105.00	125.00	125.00
Vermont <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Virginia <sup>1</sup>	(NA)	153.00	144.00	(NA)	225.00	(S)	(NA)	140.00	130.00
Washington	142.00	181.00	186.00	130.00	170.00	175.00	170.00	200.00	210.00
West Virginia <sup>1</sup>	(NA)	(S)	(S)	(NA)	(S)	(S)	(NA)	(S)	(S)
Wisconsin	107.00	154.00	156.00	120.00	165.00	171.00	66.00	120.00	109.00
Wyoming	121.00	162.00	158.00	125.00	165.00	165.00	110.00	140.00	140.00
United States <sup>2</sup>	147.00	162.00	167.00	157.00	183.00	189.00	127.00	124.00	122.00

(NA) Not available.

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

<sup>1</sup> States added September 2017.

<sup>2</sup> United States price includes Arizona, California, Colorado, Idaho, Illinois, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Texas, Utah, Washington, Wisconsin, and Wyoming.



## Prices Received for Apples – States and United States: May 2018 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		
	May 2017	April 2018	May 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California .....	(S)	(S)	(S)
Michigan .....	0.330	0.325	0.300
New York .....	0.416	0.302	0.298
Pennsylvania .....	0.350	0.357	0.381
Virginia .....	(S)	0.230	(S)
Washington .....	0.357	0.329	0.295
United States .....	0.360	0.326	0.297

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

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

[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)
<b>Grapefruit</b>							
California .....	(D)	19.22	(D)	(D)	16.54	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	32.60	(S)	21.00	(S)	(S)	19.39	(S)
United States .....	(D)	19.12	(D)	(D)	16.44	(D)	(D)
<b>Lemons</b>							
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California .....	55.20	37.44	45.37	(D)	31.30	38.98	(D)
United States .....	55.20	37.44	45.37	(D)	31.30	38.98	(D)
<b>Oranges</b>							
California, all .....	32.80	19.34	23.11	(D)	16.60	20.40	(D)
Navel and miscellaneous .....	35.60	20.70	25.87	(D)	17.95	23.16	(D)
Valencia .....	29.60	17.66	19.87	(D)	14.92	17.16	(D)
Florida, all .....	34.50	14.10	23.35	13.90	10.80	20.05	10.60
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	34.50	14.10	23.35	13.90	10.80	20.05	10.60
Texas, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	32.90	15.60	23.12	13.09	12.46	20.38	9.82

(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: April 2018

[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)
<b>Grapefruit</b>							
California .....	(D)	20.79	(D)	(D)	18.12	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	32.20	10.28	20.60	(D)	8.75	18.99	(D)
United States .....	32.20	14.55	22.94	(D)	12.55	20.89	(D)
<b>Lemons</b>							
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California .....	46.60	24.22	36.57	(D)	18.20	30.05	(D)
United States .....	46.60	24.22	36.57	(D)	18.20	30.05	(D)
<b>Oranges</b>							
California, all .....	37.80	22.56	27.87	(D)	19.76	25.11	(D)
Navel and miscellaneous .....	38.10	22.77	28.18	(D)	19.97	25.42	(D)
Valencia .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida, all .....	33.60	14.84	22.45	14.60	11.54	19.15	11.30
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	33.60	14.84	22.45	14.60	11.54	19.15	11.30
Texas, all .....	36.60	19.10	24.96	(D)	17.31	23.13	(D)
Early and mids .....	(S)	6.20	(S)	(D)	4.50	(S)	(D)
Valencia .....	37.20	25.60	25.60	(S)	23.77	23.77	(S)
United States .....	37.40	17.33	27.39	13.39	14.20	24.62	10.12

(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: May 2018

[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)
<b>Grapefruit</b>							
California .....	(D)	19.51	(D)	(D)	16.79	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	(S)	(S)	(S)	(D)	(S)	(S)	(D)
United States .....	(D)	18.90	(D)	(D)	16.25	(D)	(D)
<b>Lemons</b>							
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California .....	46.50	27.52	36.47	(D)	21.36	29.95	(D)
United States .....	46.50	27.52	36.47	(D)	21.36	29.95	(D)
<b>Oranges</b>							
California, all .....	39.70	23.47	29.80	(D)	20.66	27.04	(D)
Navel and miscellaneous .....	41.60	24.42	31.68	(D)	21.61	28.92	(D)
Valencia .....	35.80	21.42	25.88	(D)	18.62	23.12	(D)
Florida, all .....	35.30	15.69	24.15	15.10	12.39	20.85	11.80
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	35.30	15.69	24.15	15.10	12.39	20.85	11.80
Texas, all .....	37.10	20.16	25.51	(D)	18.37	23.68	(D)
Early and mids .....	(S)	(S)	(S)	(D)	(S)	(S)	(D)
Valencia .....	37.20	25.60	25.60	(S)	23.77	23.77	(S)
United States .....	39.30	19.46	29.26	12.61	16.41	26.47	9.38

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

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

## Prices Received for All Milk – States and United States: May 2018 with Comparisons

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

State	May 2017		April 2018		May 2018	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	15.70	3.55	14.80	3.62	15.50	3.61
California .....	15.96	3.78	15.26	3.81	15.66	3.77
Colorado .....	17.20	3.67	16.20	3.72	16.60	3.65
Florida .....	20.10	3.64	19.10	3.61	19.60	3.59
Idaho .....	16.40	3.85	15.30	3.97	16.00	3.84
Illinois .....	17.20	3.79	16.20	3.91	16.40	3.80
Indiana .....	16.70	3.66	15.30	3.72	15.50	3.64
Iowa .....	17.40	3.82	16.30	3.96	16.50	3.84
Kansas .....	15.60	3.68	15.00	3.87	15.30	3.73
Michigan .....	15.30	3.66	14.50	3.65	14.80	3.57
Minnesota .....	17.10	3.84	16.30	3.99	16.70	3.89
New Mexico .....	15.00	3.55	14.30	3.66	14.80	3.60
New York .....	16.90	3.80	16.10	3.90	16.40	3.80
Ohio .....	17.40	3.78	16.10	3.76	16.10	3.67
Oregon .....	18.60	3.88	18.40	3.99	19.20	3.97
Pennsylvania .....	17.40	3.76	16.40	3.84	16.70	3.73
South Dakota .....	18.20	4.04	17.30	4.21	17.60	4.10
Texas .....	17.10	3.98	16.30	4.07	17.00	3.97
Utah .....	16.50	3.73	15.80	3.84	16.20	3.77
Vermont .....	17.60	3.82	16.70	3.95	17.00	3.87
Virginia .....	17.90	3.67	16.80	3.79	17.20	3.69
Washington .....	17.10	3.88	16.10	3.99	16.90	3.97
Wisconsin .....	17.40	3.77	16.30	3.94	16.70	3.82
United States .....	16.70	3.78	15.80	3.87	16.20	3.78

## Prices Received for Milk Cows – States and United States: April 2018 with Comparisons

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

State	April 2017	January 2018	April 2018
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,800.00	1,700.00	1,550.00
California .....	1,600.00	1,500.00	1,300.00
Colorado .....	1,850.00	1,650.00	1,550.00
Florida .....	1,630.00	1,530.00	1,450.00
Idaho .....	1,700.00	1,600.00	1,500.00
Illinois .....	1,650.00	1,500.00	1,320.00
Indiana .....	1,550.00	1,450.00	1,300.00
Iowa .....	1,600.00	1,440.00	1,310.00
Kansas .....	1,750.00	1,600.00	1,550.00
Michigan .....	1,650.00	1,500.00	1,300.00
Minnesota .....	1,540.00	1,400.00	1,340.00
New Mexico .....	1,800.00	1,750.00	1,550.00
New York .....	1,480.00	1,450.00	1,230.00
Ohio .....	1,550.00	1,450.00	1,200.00
Oregon .....	1,700.00	1,800.00	1,600.00
Pennsylvania .....	1,500.00	1,440.00	1,250.00
South Dakota .....	1,620.00	1,500.00	1,430.00
Texas .....	1,700.00	1,600.00	1,500.00
Utah .....	1,700.00	1,600.00	1,500.00
Vermont .....	1,650.00	1,650.00	1,400.00
Virginia .....	1,500.00	1,370.00	1,150.00
Washington .....	1,700.00	1,600.00	1,400.00
Wisconsin .....	1,710.00	1,470.00	1,320.00
United States .....	1,640.00	1,520.00	1,360.00

## Commodity Parity Prices and Price as Percent of Parity Price – United States: May 2018 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			
		May 2017	April 2018	May 2018	May 2017	April 2018	May 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
<b>Basic commodities</b>								
All wheat .....	bushel	0.599	17.80	17.60	17.70	23	30	30
Rice .....	cwt	1.36	39.70	40.00	40.10	26	32	32
Corn .....	bushel	0.450	13.10	13.20	13.30	26	27	28
<b>Cotton</b>								
Upland .....	pound	0.068	1.94	2.00	2.01	36	33	34
American Pima .....	pound	0.136	3.85	4.00	4.01	36	36	36
Peanuts .....	pound	0.023	0.666	0.676	0.679	29	35	34
Small chickpeas <sup>1</sup> .....	cwt	2.41	66.90	70.80	71.10	35	49	44
Large chickpeas <sup>1</sup> .....	cwt	3.29	93.90	96.70	97.10	38	45	37
Lentils <sup>1</sup> .....	cwt	2.65	73.90	77.90	78.20	41	27	28
<b>Designated non-basic</b>								
All milk, to plants <sup>2</sup> .....	cwt	1.78	52.10	52.30	52.50	34	32	33
Honey, extracted <sup>3</sup> .....	pound	0.175	4.75	5.14	5.16	44	40	40
<b>Wool and mohair</b>								
Wool .....	pound	0.132	3.65	3.88	3.90	40	38	38
Mohair .....	pound	0.406	11.40	11.90	12.00	40	42	42
<b>Other non-basic</b>								
Apples, fresh <sup>4</sup> .....	pound	0.035	0.985	1.030	1.030	37	32	29
Barley .....	bushel	0.506	14.40	14.90	14.90	35	30	30
Canola .....	cwt	1.88	55.00	55.30	55.50	31	32	33
Cottonseed .....	ton	20.20	594.00	594.00	596.00	34	26	26
Dry edible beans .....	cwt	3.27	93.90	96.10	96.50	33	27	28
Flaxseed .....	bushel	1.15	33.30	33.80	33.90	27	29	30
Oats .....	bushel	0.292	8.46	8.58	8.62	31	34	36
Potatoes, fresh .....	cwt	1.11	33.30	32.60	32.80	28	34	35
Sorghum grain .....	cwt	0.761	22.30	22.40	22.50	23	27	27
Soybeans .....	bushel	1.11	31.60	32.60	32.80	29	30	30
Sunflower, all .....	cwt	2.18	62.90	64.10	64.30	28	28	28
<b>Citrus (equivalent on-tree)</b>								
Grapefruit .....	box	0.738	19.30	21.70	21.80	85	58	75
Lemons .....	box	1.87	50.70	55.00	55.20	62	33	39
Oranges .....	box	0.910	25.50	26.70	26.90	49	53	61
<b>Livestock and poultry</b>								
Beef cattle .....	cwt	11.40	322.00	335.00	336.00	42	36	36
Broilers .....	pound	0.051	1.45	1.50	1.51	46	43	46
Calves .....	cwt	16.50	466.00	485.00	487.00	37	35	34
Eggs <sup>2</sup> .....	dozen	0.101	2.95	2.97	2.98	26	48	36
Hogs .....	cwt	5.66	162.00	166.00	167.00	33	27	31
Turkeys, live .....	pound	0.066	1.880	1.940	1.950	36	26	26

<sup>1</sup> Parity prices began January 2015.

<sup>2</sup> Seasonally adjusted price as percentage of parity price.

<sup>3</sup> 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.

<sup>4</sup> 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: May 2018 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			
		May 2017	April 2018	May 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	
<b>Field crops and miscellaneous</b>					
Hops .....	pound	0.395	10.60	11.60	11.70
Mustard seed .....	cwt	3.33	95.00	97.90	98.30
Rapeseed .....	cwt	2.72	77.90	79.90	80.30
Rye .....	bushel	0.630	18.30	18.50	18.60
Safflower .....	cwt	2.24	64.90	65.80	66.10
Spearmint oil .....	pound	1.73	49.20	50.80	51.10
Sweet potatoes .....	cwt	2.06	59.70	60.50	60.80
<b>Tobacco</b>					
Flue-cured, 11-14 .....	pound	0.186	5.24	5.47	5.49
Fire-cured, 21-23 .....	pound	0.254	7.30	7.47	7.50
Burley, 31 .....	pound	0.182	5.16	5.35	5.37
Maryland, 32 .....	pound	0.172	4.92	5.06	5.08
Dark air-cured, 35-37 .....	pound	0.228	6.55	6.70	6.73
Pennsylvania seedleaf, 41 .....	pound	0.197	5.53	5.79	5.81
<b>Non-citrus fruit</b>					
Apples, processing <sup>1 2</sup> .....	ton	19.60	548.00	576.00	578.00
<b>Apricots</b>					
Fresh <sup>3</sup> .....	ton	116.00	3,420.00	3,410.00	3,420.00
Dried (California) .....	ton	298.00	7,680.00	8,760.00	8,790.00
Avocados <sup>2 3</sup> .....	ton	183.00	5,130.00	5,380.00	5,400.00
<b>Cherries</b>					
Sweet .....	ton	213.00	5,970.00	6,260.00	6,290.00
Tart <sup>2</sup> .....	pound	0.032	0.927	0.940	0.944
Cranberry <sup>2 4</sup> .....	barrel	4.07	121.00	120.00	120.00
Dates (California) <sup>3</sup> .....	ton	144.00	4,290.00	4,230.00	4,250.00
<b>Grapes (California)</b>					
Raisin variety <sup>5</sup> .....	ton	140.00	4,110.00	4,110.00	4,130.00
Wine, processing .....	ton	68.40	(NA)	2,010.00	2,020.00
Kiwifruit <sup>2</sup> .....	ton	104.00	2,790.00	3,060.00	3,070.00
Nectarines, fresh (California) <sup>3</sup> .....	ton	67.10	1,840.00	1,970.00	1,980.00
Olives, canning (California) <sup>4</sup> .....	ton	99.10	2,810.00	2,910.00	2,920.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: May 2018 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		
		May 2017	April 2018	May 2018
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Non-citrus fruit - continued</b>				
Papayas (Hawaii) ..... pound	0.041	1.16	1.20	1.21
<b>Peaches</b>				
Fresh <sup>4 6</sup> ..... ton	90.80	2,510.00	2,670.00	2,680.00
Dried (California) <sup>1 5</sup> ..... ton	43.60	1,330.00	1,280.00	1,290.00
Processing, excludes dried Clingstone (California) <sup>4</sup> ..... ton	36.20	985.00	1,060.00	1,070.00
Pears, Fresh <sup>6</sup> ..... ton	60.30	1,670.00	1,770.00	1,780.00
<b>Plums (California) equivalent on-tree</b>				
Fresh <sup>7</sup> ..... ton	65.00	1,850.00	1,910.00	1,920.00
Prunes, dried (California) <sup>1 2 5</sup> ..... ton	160.00	4,550.00	4,700.00	4,720.00
<b>Strawberries</b>				
Fresh <sup>10</sup> ..... pound	9.62	254.00	283.00	284.00
Processing ..... pound	3.62	102.00	106.00	107.00
<b>Sugar crops</b>				
Sugar beets <sup>2 8</sup> ..... ton	5.10	150.00	150.00	151.00
Sugarcane <sup>2 8</sup> ..... ton	3.47	100.00	102.00	102.00
<b>Tree nuts <sup>9</sup></b>				
Almonds ..... pound	0.236	6.63	6.94	6.96
Hazelnuts ..... ton	233.00	6,290.00	6,850.00	6,880.00
Pistachios ..... pound	0.236	6.66	6.94	6.96
Walnuts ..... ton	234.00	6,720.00	6,880.00	6,910.00
<b>Vegetables, fresh <sup>10</sup></b>				
Carrots <sup>11</sup> ..... cwt	2.79	79.10	82.00	82.30
Cauliflower <sup>11</sup> ..... cwt	4.59	131.00	135.00	135.00
Celery <sup>11</sup> ..... cwt	1.98	59.10	58.20	58.40
Honeydew melons ..... cwt	2.02	55.90	59.40	59.60
Lettuce ..... cwt	2.43	66.60	71.40	71.70
Onions <sup>11</sup> ..... cwt	1.41	40.00	41.40	41.60
Tomatoes ..... cwt	4.05	116.00	119.00	120.00

(NA) Not available.

<sup>1</sup> Equivalent returns at processing plant door.

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

<sup>3</sup> Equivalent returns at packinghouse door.

<sup>4</sup> Equivalent returns for bulk fruit at first delivery point.

<sup>5</sup> Dried basis.

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

<sup>7</sup> Based on "as sold" prices for fresh fruit in all states.

<sup>8</sup> 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.

<sup>9</sup> Prices In-Shell basis except almonds which are shelled basis.

<sup>10</sup> FOB shipping point price.

<sup>11</sup> Includes some processing.

## Marketing Year for Specified Commodities

**Sweet Potatoes:** July - June for United States; July 1 to June 30 for Alabama and California; July 1 to May 31 for Arkansas, Louisiana, North Carolina and Texas; August 1 to July 31 for Mississippi and New Jersey; and January 1 to December 31 for Florida.

### Prices Received for Sweet Potatoes, Market Year Average - States and United States: 2015-2017

State	2015	2016	2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Alabama <sup>1</sup> .....	21.40	(NA)	(NA)
Arkansas .....	27.20	(D)	(D)
California .....	23.70	23.10	23.60
Florida .....	(D)	(D)	(D)
Louisiana .....	21.60	21.30	19.90
Mississippi .....	20.90	22.80	18.50
New Jersey <sup>1</sup> .....	31.50	(NA)	(NA)
North Carolina .....	19.40	18.10	15.30
Texas <sup>1</sup> .....	(D)	(NA)	(NA)
Other States <sup>2</sup> .....	43.10	30.10	28.70
United States .....	21.80	20.70	18.40

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

(NA) Not available.

<sup>1</sup> Estimates discontinued in 2016.

<sup>2</sup> Includes state data withheld.



## 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: updated the current 1990-1992 base reference period to 2011; linked the 1910-1914 series to the updated base reference period, 2011; created index groups used universally by researchers, data users, and policymakers; and re-classified agricultural commodities into the index groups. Also the modifications expanded the commodity coverage for vegetable, melon, non-citrus, and tree nuts; updated monthly market weights; and adjusted (normalized) 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.

## May Prices Paid by Farmers

The May Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.0, is up 0.4 percent from April 2018 and 2.0 percent from May 2017.

**Production:** The May index, at 106.5, is up 0.5 percent from April and 1.4 percent from last year. Higher prices for complete feeds, other services, diesel, and LP gas more than offset lower prices for feeder pigs, feeder cattle, nitrogen, and herbicides.

**Feed:** At 102.4, the May index increased 1.7 percent from April and 6.6 percent from last year. The prices for complete feeds, feed grains, hay and forages, supplements, and concentrates are all higher than the previous month.

**Livestock and poultry:** The May index, at 103.3, decreased 1.4 percent from April and 4.2 percent from last year. Since April, feeder pig and feeder cattle prices are lower. The May feeder cattle price, at \$142.00 per cwt, is down \$1.00 from April. May feeder pigs averaged \$143.00 per cwt, down \$22.00 from April but up \$10.00 from last year.

**Fertilizer:** The index for May, at 66.3, is up 0.6 percent from April but is down 4.7 percent from May a year ago. Since April, higher prices for mixed fertilizer more than offset lower prices for nitrogen, and potash & phosphate.

**Chemicals:** The May index, at 106.0, is down 0.1 percent from April but is up 2.6 percent from last May.

**Fuels:** At 69.8, the May index is up 5.6 percent from April and 15 percent from May 2017. Compared with April, the prices are higher for diesel, LP gas, and gasoline.

**Machinery:** The index for May, at 118.1, increased 0.3 percent from April and 0.4 percent from last May. Compared with last month, prices are higher for other machinery.

**Consumer Price Index:** The May 2018 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.8 percent over the last 12 months to an index level of 251.588 (1982-1984=100). For the month, the index increased 0.4 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: May 2018 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group and Ratios	1910-1914 Base			2011 Base		
	May 2017	April 2018	May 2018	May 2017	April 2018	May 2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	2892	2939	2951	106.9	108.6	109.0
Production .....	2185	2206	2217	105.0	106.0	106.5
Feed .....	1058	1109	1128	96.1	100.7	102.4
Livestock and poultry .....	2129	2069	2039	107.8	104.8	103.3
Seeds .....	3934	3885	3885	119.7	118.2	118.2
Fertilizer .....	838	794	798	69.6	65.9	66.3
Chemicals .....	928	953	952	103.3	106.1	106.0
Fuels .....	1697	1850	1952	60.7	66.1	69.8
Supplies and repairs .....	1271	1295	1301	107.7	109.8	110.3
Autos and trucks .....	3281	3241	3246	106.7	105.5	105.6
Machinery .....	7186	7190	7220	117.6	117.7	118.1
Building materials .....	2565	2685	2715	110.2	115.4	116.7
Services and rent .....	2482	2464	2471	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	112.1	113.8	114.3
Rent .....	(NA)	(NA)	(NA)	123.8	119.5	119.5
Interest <sup>1</sup> .....	4092	4327	4327	112.2	118.7	118.7
Taxes <sup>2</sup> .....	6904	6952	6952	116.3	117.1	117.1
Wage rates .....	8466	8780	8780	118.2	122.6	122.6
Family living-CPI <sup>3</sup> .....	2325	2380	2390	108.8	111.4	111.9
Production, interest, taxes, and wage rates (PITW) .....	3005	3049	3062	106.6	108.1	108.6
Ratio (received/paid) .....	(NA)	(NA)	(NA)	92	85	86
Parity ratio <sup>4</sup> .....	35	33	33	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	36	34	34	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1486	1597	1600	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	108.2	109.6	110.0
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	105.4	107.4	108.0
Farm sector (production) .....	(NA)	(NA)	(NA)	104.5	105.4	105.8
Non-farm sector (production) .....	(NA)	(NA)	(NA)	105.3	106.3	106.9

(NA) Not available.

<sup>1</sup> Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

<sup>2</sup> Farm real estate taxes payable per acre.

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

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

<sup>5</sup> Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.026 for 2018 and the revised factor is 1.026 for 2017.

<sup>6</sup> 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: May 2018 with Comparisons

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

Index Group	Relative weights		Indexes (2011=100)		
	2017	2018	May 2017	April 2018	May 2018
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	74.9	73.5	105.0	106.0	106.5
Feed .....	13.4	13.3	96.1	100.7	102.4
Feed grains .....	1.9	1.9	58.0	60.7	62.1
Complete feeds .....	6.6	6.5	103.1	106.4	108.8
Hay and forages .....	1.7	1.6	95.9	104.1	105.6
Concentrates .....	2.1	2.1	102.5	110.3	110.6
Supplements .....	1.1	1.2	108.2	112.4	113.5
Livestock and poultry .....	10.3	8.2	107.8	104.8	103.3
Feeder cattle .....	8.0	6.4	108.4	104.2	103.9
Feeder pigs .....	0.8	0.6	95.0	117.9	102.1
Milk cow replacements .....	0.9	0.7	115.5	95.8	95.8
Poultry .....	0.6	0.5	107.0	107.0	107.0
Seeds .....	5.1	5.3	119.7	118.2	118.2
Field crops .....	4.6	4.8	119.2	116.9	116.9
Grasses and legumes .....	0.5	0.5	125.1	131.0	131.0
Fertilizer .....	5.8	5.2	69.6	65.9	66.3
Mixed fertilizer .....	2.6	2.3	67.1	66.2	67.6
Nitrogen .....	2.4	2.2	72.1	67.2	66.7
Potash and phosphate .....	0.8	0.7	69.8	61.3	61.2
Chemicals .....	3.3	3.6	103.3	106.1	106.0
Herbicides .....	2.0	2.3	105.7	108.4	108.3
Insecticides .....	0.8	0.8	102.5	104.5	104.4
Fungicides and other .....	0.5	0.5	93.9	98.5	98.5
Fuels .....	2.5	2.4	60.7	66.1	69.8
Diesel .....	1.6	1.5	56.4	62.9	65.5
Gasoline .....	0.5	0.5	64.5	69.5	72.2
LP gas .....	0.4	0.4	71.7	73.9	82.5
Supplies and repairs .....	4.4	4.6	107.7	109.8	110.3
Supplies .....	1.5	1.6	107.2	110.5	110.7
Repairs .....	2.9	3.0	108.0	109.4	110.1
Autos and trucks .....	1.2	1.3	106.7	105.5	105.6
Autos .....	0.1	0.2	101.2	99.5	99.8
Trucks .....	1.1	1.1	107.6	106.3	106.5
Machinery .....	5.6	5.6	117.6	117.7	118.1
Tractors .....	1.2	1.2	112.6	112.1	112.1
Self-propelled .....	2.3	2.3	120.4	120.6	120.6
Other machinery .....	2.1	2.1	117.5	117.7	119.0
Building materials .....	3.9	4.0	110.2	115.4	116.7
Services .....	11.5	12.1	112.1	113.8	114.3
Custom rates .....	1.2	1.3	114.3	114.3	114.3
Other services .....	10.3	10.8	111.9	113.7	114.3
Rent .....	7.9	7.9	123.8	119.5	119.5
Cash .....	4.3	4.2	130.4	126.1	126.1
Share .....	3.6	3.7	116.1	111.8	111.8
Interest .....	2.2	2.4	112.2	118.7	118.7
Taxes .....	3.2	3.3	116.3	117.1	117.1
Wage rates .....	6.5	7.1	118.2	122.6	122.6
Family living-CPI .....	13.2	13.7	108.8	111.4	111.9

## Feed Price Ratios – United States: May 2018 with Comparisons

Feed price ratio <sup>1</sup>	May 2017	April 2018	May 2018
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	6.6	6.1	6.5
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	4.2	11.4	6.9
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	15.5	12.7	14.0
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	2.20	1.90	1.90
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	40.0	34.1	33.2
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	7.7	5.2	5.1

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

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> 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: May 2018 with Comparisons

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

Item	May 2017	April 2018	May 2018
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.660	0.650	0.700
Eggs, market .....dozen	0.360	1.01	0.619
Hogs, all .....cwt	53.60	45.30	51.50
Milk, all .....cwt	16.70	15.80	16.20
Steers and heifers .....cwt	138.00	122.00	122.00
Turkeys, live .....pound	0.686	0.500	0.498
Corn .....bushel	3.45	3.58	3.67
Hay, alfalfa .....ton	157.00	183.00	189.00
Soybeans .....bushel	9.29	9.83	9.84
Wheat, all .....bushel	4.05	5.29	5.39

## Prices Paid for Feeder Livestock – United States: May 2018 with Comparisons

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

Item	May 2017	April 2018	May 2018
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	149.00	143.00	142.00
Feeder pigs .....cwt	133.00	165.00	143.00

## 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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## Access to NASS Reports

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- 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](http://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](mailto: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](http://www.nass.usda.gov/Statistics%20by%20Subject/Economics%20and%20Prices/index.php)

January 2014 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updates.pdf](http://www.nass.usda.gov/Surveys/Guide%20to%20NASS%20Surveys/Prices/updates.pdf)

January 2015 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/update2015.pdf](http://www.nass.usda.gov/Surveys/Guide%20to%20NASS%20Surveys/Prices/update2015.pdf)

April 2015 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updateApr2015.pdf](http://www.nass.usda.gov/Surveys/Guide%20to%20NASS%20Surveys/Prices/updateApr2015.pdf)

February 2016 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updateFeb2016.pdf](http://www.nass.usda.gov/Surveys/Guide%20to%20NASS%20Surveys/Prices/updateFeb2016.pdf)