



# Agricultural Prices

ISSN: 1937-4216

Released February 20, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## December Prices Received Index Up 1.8 Percent

The December Prices Received Index (Agricultural Production), at 89.9, increased 1.8 percent from November 2018. At 87.6, the Crop Production Index increased 4.2 percent. The Livestock Production Index, at 92.0, decreased 0.4 percent. Producers received higher prices for cattle, corn, broilers, and soybeans but lower prices for milk, oranges, hogs, and lemons. Compared with a year earlier, the Prices Received Index is down 2.4 percent. The Crop Production Index increased 3.4 percent and the Livestock Production Index decreased 7.6 percent. The indexes are calculated using commodity prices and volumes of commodities that producers market. Increased monthly movement of milk, oranges, broilers, and cotton offset the decreased marketing of corn, grapes, soybeans, and calves. The Food Commodities Index, at 94.2, increased 0.2 percent from the previous month but decreased 5.3 percent from December 2017.

## December Prices Paid Index Up 0.2 Percent

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.2, is up 0.2 percent from November 2018 and 1.7 percent from December 2017. Higher prices for feeder pigs, complete feeds, hay and forages, and feed grains more than offset lower prices in December for feeder cattle, diesel, gasoline, and LP gas.

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

Index Group	December 2017	November 2018	December 2018
	(percent)	(percent)	(percent)
Prices received by farmers .....	92.1	88.3	89.9
Prices paid by farmers .....	107.4	109.0	109.2
Ratio of prices received to prices paid .....	86	81	83

## Contents

Prices Received by Farmers .....	4
Prices Received Indexes, 2011 Base – United States: December 2018 with Comparisons .....	5
Prices Received Indexes, 1910-1914 Base – United States: December 2018 with Comparisons .....	5
Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2017 and 2018 .....	5
Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2017 and 2018 .....	6
Prices Received for Field Crops and Fruits – United States: December 2018 with Comparisons .....	7
Prices Received for Vegetables and Livestock – United States: December 2018 with Comparisons .....	8
Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2018 with Comparisons .....	9
Prices Received for Beef Cattle and All Hogs by Month – United States: 2018 with Comparisons .....	9
Prices Received for All Wheat – States and United States: December 2018 with Comparisons .....	10
Prices Received for Winter Wheat – States and United States: December 2018 with Comparisons .....	10
Prices Received for Durum Wheat – States and United States: December 2018 with Comparisons .....	11
Prices Received for Spring Wheat – States and United States: December 2018 with Comparisons .....	11
Prices Received for Oats – States and United States: December 2018 with Comparisons .....	11
Prices Received for All Barley – States and United States: December 2018 with Comparisons .....	12
Prices Received for Malting Barley – States and United States: December 2018 with Comparisons .....	12
Prices Received for Feed Barley – States and United States: December 2018 with Comparisons .....	12
Prices Received for Sorghum Grain – States and United States: December 2018 with Comparisons .....	14
Prices Received for Corn – States and United States: December 2018 with Comparisons .....	13
Prices Received for Soybeans – States and United States: December 2018 with Comparisons .....	14
Prices Received for Dry Beans – States and United States: December 2018 with Comparisons .....	14
Prices Received for Peanuts (in shell) – States and United States: December 2018 with Comparisons .....	15
Prices Received for Sunflower – States and United States: December 2018 with Comparisons .....	15
Prices Received for Canola – States and United States: December 2018 with Comparisons .....	15
Prices Received for Flaxseed – States and United States: December 2018 with Comparisons .....	15
Prices Received for Upland Cotton and Cottonseed – States and United States: December 2018 with Comparisons .....	16
Prices Received and Marketings for Upland Cotton and Rice – United States: December 2018 with Comparisons .....	16
Prices Received for Hay by Type – States and United States: December 2018 with Comparisons .....	17
Prices Received for Apples – States and United States: December 2018 with Comparisons .....	18
Prices Received for Citrus Fruits by Utilization – States and United States: December 2017 .....	18
Prices Received for Citrus Fruits by Utilization – States and United States: November 2018 .....	19
Prices Received for Citrus Fruits by Utilization – States and United States: December 2018 .....	20
Prices Received for All Milk – States and United States: December 2018 with Comparisons .....	21
Prices Received for Milk Cows – States and United States: January 2019 with Comparisons .....	21
Parity Price Overview .....	22
Commodity Parity Prices and Price as Percent of Parity Price – United States: December 2018 with Comparisons .....	23
Commodity Parity Prices – United States: December 2018 with Comparisons .....	24
Commodity Parity Prices – United States: December 2018 with Comparisons (continued) .....	25
Marketing Year for Specified Commodities .....	26
Sweet Potato Market Year Average Prices Received – States and United States: Marketing Years 2016-2018 .....	27
Rice Market Year Average Prices Received by All and Length of Grain – States and United States: Marketing Years 2015 through 2017 .....	27
Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2017-2018 through 2018-2019 .....	29
Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 .....	30
Prices Received Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018 .....	32
Reliability of Prices Received Estimates .....	33
Prices Paid by Farmers .....	34
Prices Paid Indexes and Related Parity Ratios – United States: December 2018 with Comparisons .....	35
Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States:	

December 2018 with Comparisons.....	36
Feed Price Ratios – United States: December 2018 with Comparisons .....	37
Prices Received Used to Calculate Feed Price Ratios – United States: December 2018 with Comparisons.....	37
Prices Paid for Feeder Livestock – United States: December 2018 with Comparisons.....	37
Annual Average Prices Paid for Feeder Livestock – United States: 2013-2018.....	38
Grazing Fee Rates for Cattle – States, Regions, and United States: 2017 and 2018 .....	38
Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018.....	39
Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 .....	42
Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018 .....	46
Feed Ratios Monthly and Annual Average – United States: 2014-2018 .....	49
Reliability of Prices Paid Estimates .....	50
Information Contacts .....	51

## December Prices Received by Farmers

The December Prices Received Index for agricultural production is 89.9 percent of its 2011 base, up 1.8 percent from the November 2018 index but down 2.4 percent from the December 2017 index.

**Crop production:** The December index, at 87.6, is 4.2 percent higher than November and 3.4 percent higher than December 2017. The grain & oilseed, vegetable & melon, and other crop index increases more than offset the fruit & tree nut index decreases.

**Grain and oilseed:** The December index, at 64.4, is up 3.5 percent from November but down 1.2 percent from December 2017. Feed grain and oilseed index increases more than offset the lower food grain index.

**Feed grain:** The December index, at 59.2, increased 3.9 percent from last month and 4.0 percent from a year ago. The corn price, at \$3.54 per bushel, is up 13 cents from last month and 31 cents from December 2017. At \$5.68 per cwt, sorghum grain is 14 cents above November and 19 cents above December a year earlier.

**Food grain:** At 75.3, the index for December is down 1.6 percent from the previous month but up 7.0 percent from a year ago. The December price for all wheat, at \$5.28 per bushel, is 5 cents higher than November and 78 cents higher than December 2017.

**Oilseed:** At 68.4, the index for December increased 1.9 percent from November but decreased 8.1 percent from December 2017. The soybean price, at \$8.57 per bushel, is 20 cents higher than November but 73 cents lower than December 2017.

**Fruit and tree nut:** The December index, at 125.9, is down 3.1 percent from November and 5.6 percent from a year earlier. Price decreases during December for oranges, lemons, and grapefruit more than offset price increases for strawberries and apples.

**Vegetable and melon:** At 152.6, the index for December increased 6.8 percent from the previous month and 35 percent from December 2017. Price increases during December for celery, broccoli, sweet potatoes, and tomatoes more than offset price declines for cauliflower, lettuce, sweet corn, and carrots.

**Other crop:** The December index, at 90.5, is up 1.1 percent from the previous month and 8.4 percent from December 2017. The all hay price, at \$164.00 per ton, is \$3.00 higher than November and \$27.00 higher than December 2017. At 72.7 cents per pound, the price for upland cotton is 0.3 cents lower than November but 4.1 cents higher than December 2017.

**Livestock production:** The index for December, at 92.0, decreased 0.4 percent from the previous month and 7.6 percent from December a year earlier. Prices for market eggs, hogs, milk, cattle, calves, and turkeys are all lower than a year earlier. Compared with a year ago, prices are higher for broilers.

**Meat animal:** At 93.1, the December index is unchanged from the previous month but decreased 4.2 percent from a year earlier. At \$43.40 per cwt, the December hog price is \$2.80 lower than November and \$5.20 lower than a year earlier. The December beef cattle price of \$117.00 per cwt is \$4.00 higher than last month but \$1.00 lower than December 2017.

**Dairy:** The index for December, at 81.6, is down 3.5 percent from the previous month and 4.7 percent from December a year ago. The December all milk price of \$16.40 per cwt is 60 cents lower than November and 80 cents lower than December 2017.

**Poultry and egg:** At 108.8, the December index increased 3.4 percent from November but decreased 5.0 percent from December 2017. The December market egg price, at 98.0 cents per dozen, is 3.1 cents higher than November but 20.0 cents lower than December 2017. The December broiler price, at 51.0 cents per pound, is 2.0 cents higher than November and 1.0 cent higher than a year ago. At 49.8 cents per pound, the December turkey price is 3.2 cents lower than the previous month and 3.1 cents lower than December 2017.

## Prices Received Indexes, 2011 Base – United States: December 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		
	December 2017	November 2018	December 2018
	(percent)	(percent)	(percent)
Agricultural production .....	92.1	88.3	89.9
Crop production .....	84.7	84.1	87.6
Grain and oilseed .....	63.1	62.2	64.4
Feed grain .....	54.3	57.0	59.2
Food grain .....	70.4	76.5	75.3
Oilseed .....	74.4	67.1	68.4
Fruit and tree nut .....	133.3	129.9	125.9
Vegetable and melon .....	113.2	142.9	152.6
Other crop .....	83.5	89.5	90.5
Livestock production .....	99.6	92.4	92.0
Meat animal .....	97.2	93.1	93.1
Cattle .....	104.4	100.4	102.8
Hog .....	73.1	69.5	65.3
Dairy .....	85.6	84.6	81.6
Poultry and egg .....	114.5	105.2	108.8
Food commodity .....	99.5	94.0	94.2

## Prices Received Indexes, 1910-1914 Base – United States: December 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		
	December 2017	November 2018	December 2018
	(percent)	(percent)	(percent)
Agricultural production .....	951	911	928
Crop production .....	738	734	764
Livestock production .....	1157	1072	1069

## 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 .....	86.0	86.1	77.3	78.6	96.5	94.5	93.4	92.8
February .....	91.1	91.1	85.1	86.9	96.0	94.2	96.3	95.5
March .....	94.3	95.1	86.1	88.0	100.5	99.8	100.0	100.0
April .....	96.2	92.9	91.7	88.4	99.5	95.8	101.4	96.2
May .....	99.7	94.8	90.0	89.1	106.8	98.3	105.8	98.2
June .....	98.2	95.1	87.1	90.3	107.2	98.5	104.2	98.9
July .....	95.5	91.5	86.8	86.9	103.9	95.4	100.9	94.9
August .....	94.1	89.5	88.8	89.9	98.5	89.3	99.0	92.0
September .....	92.5	88.2	89.9	88.1	94.8	88.3	97.3	90.6
October .....	87.8	85.1	82.7	80.1	94.3	91.3	93.7	88.8
November .....	91.4	88.3	81.9	84.1	101.8	92.4	100.7	94.0
December .....	92.1	89.9	84.7	87.6	99.6	92.0	99.5	94.2

## 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	108.2	103.8	105.4	107.8	109.5	104.1	106.8
February .....	106.5	109.0	104.4	106.3	108.4	109.7	104.4	108.1
March .....	106.6	109.0	104.6	106.3	108.4	109.9	104.7	108.0
April .....	106.8	108.6	104.9	106.1	108.5	109.7	105.0	107.5
May .....	106.8	109.0	104.9	106.5	108.2	110.0	105.4	108.0
June .....	106.7	108.7	104.7	106.1	108.2	110.0	105.1	107.3
July .....	106.5	108.8	104.5	105.7	107.9	110.4	105.0	107.1
August .....	105.7	108.9	103.4	105.8	107.6	110.5	103.8	107.1
September .....	106.1	108.9	103.8	105.8	107.8	110.6	104.4	107.0
October .....	106.8	109.4	104.6	106.2	108.0	111.0	105.6	107.5
November .....	107.1	109.0	105.0	105.8	108.3	110.7	105.9	107.0
December .....	107.4	109.2	105.4	106.1	108.5	110.7	106.2	107.4

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

Commodity	2011 Base Price	December 2017	November 2018	December 2018
<b>Field crops</b>				
Austrian winter peas ..... dollars/cwt	19.50	13.90	(D)	(S)
Barley, all ..... dollars/bushel	4.79	4.38	4.78	4.68
Feed ..... dollars/bushel	4.59	2.85	3.28	3.30
Malting ..... dollars/bushel	4.83	4.51	4.87	4.81
Beans, dry edible ..... dollars/cwt	34.60	27.30	25.90	24.40
Canola ..... dollars/cwt	23.10	16.70	16.00	16.30
Chickpeas, all ..... dollars/cwt	35.70	30.20	21.10	21.10
Large ..... dollars/cwt	39.20	35.40	20.00	20.30
Small ..... dollars/cwt	23.40	25.40	21.60	21.50
Corn ..... dollars/bushel	6.02	3.23	3.41	3.54
Cotton, Upland ..... dollars/pound	0.880	0.686	0.730	0.727
Cottonseed ..... dollars/ton	131.00	143.00	152.00	163.00
Flaxseed ..... dollars/bushel	14.20	9.36	9.76	9.66
Hay, all, baled ..... dollars/ton	159.00	137.00	161.00	164.00
Alfalfa ..... dollars/ton	176.00	149.00	175.00	180.00
Other ..... dollars/ton	119.00	119.00	137.00	140.00
Lentils ..... dollars/cwt	27.50	27.70	18.20	16.00
Oats ..... dollars/bushel	3.42	2.94	2.72	2.77
Peanuts, in-shell ..... dollars/pound	0.252	0.230	0.212	0.178
Peas, dry edible ..... dollars/cwt	13.60	12.10	9.65	10.60
Rice, all ..... dollars/cwt	13.70	12.90	12.20	11.90
Long ..... dollars/cwt	12.30	11.40	10.90	10.70
Medium and short ..... dollars/cwt	18.40	17.30	15.40	15.40
Sorghum grain ..... dollars/cwt	10.70	5.49	5.54	5.68
Soybeans ..... dollars/bushel	12.50	9.30	8.37	8.57
Sunflowers, all ..... dollars/cwt	29.00	17.00	17.00	16.40
Wheat, all ..... dollars/bushel	7.44	4.50	5.23	5.28
Winter ..... dollars/bushel	6.93	3.89	5.20	5.24
Durum ..... dollars/bushel	9.22	6.25	4.72	4.77
Other spring ..... dollars/bushel	8.33	5.62	5.33	5.38
Hard red winter ..... dollars/bushel	7.07	3.66	4.99	5.11
Soft red winter ..... dollars/bushel	6.77	4.45	5.01	5.23
Hard red spring ..... dollars/bushel	8.38	5.72	5.33	5.38
White ..... dollars/bushel	6.58	4.46	5.48	5.42
<b>Fruits</b>				
Citrus, equivalent on-tree				
Grapefruit ..... dollars/box	7.47	16.13	18.84	16.31
Lemons ..... dollars/box	12.30	30.84	32.73	25.44
Oranges ..... dollars/box	8.16	12.55	15.71	10.68
Non-citrus, fresh				
Apples <sup>1</sup> ..... dollars/pound	0.325	0.397	0.404	0.414
Grapes <sup>1</sup> ..... dollars/ton	628.00	1,660.00	1,030.00	1,140.00
Peaches <sup>1</sup> ..... dollars/ton	507.00	(S)	(S)	(S)
Pears <sup>1</sup> ..... dollars/ton	559.00	888.00	616.00	614.00
Strawberries ..... dollars/cwt	104.00	182.00	99.00	(S)

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

(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: December 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	December 2017	November 2018	December 2018
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus ..... dollars/cwt	37.50	(NA)	(NA)	(S)
Beans, snap ..... dollars/cwt	69.00	69.50	99.00	62.80
Broccoli ..... dollars/cwt	41.60	40.30	70.70	85.50
Cantaloupes ..... dollars/cwt	16.50	(NA)	35.00	39.00
Carrots ..... dollars/cwt	30.80	31.30	26.50	26.40
Cauliflower ..... dollars/cwt	47.00	90.10	95.50	74.80
Celery ..... dollars/cwt	22.50	23.60	30.50	46.60
Corn, sweet ..... dollars/cwt	30.70	34.10	45.80	31.70
Cucumbers ..... dollars/cwt	18.70	29.90	37.50	36.70
Lettuce ..... dollars/cwt	24.30	30.50	76.70	74.80
Onions <sup>2</sup> ..... dollars/cwt	11.90	17.00	11.30	10.90
Potatoes ..... dollars/cwt	14.30	11.39	9.22	9.37
Tomatoes ..... dollars/cwt	51.20	80.20	55.50	57.20
<b>Livestock</b>				
Calves ..... dollars/cwt	142.00	174.00	169.00	166.00
Cattle, all beef ..... dollars/cwt	115.00	118.00	113.00	117.00
Cows <sup>3</sup> ..... dollars/cwt	71.60	62.00	52.70	51.80
Steers and heifers ..... dollars/cwt	117.00	120.00	115.00	119.00
Milk cows <sup>4</sup> ..... dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all ..... dollars/cwt	66.50	48.60	46.20	43.40
Barrows and gilts ..... dollars/cwt	66.80	48.80	46.30	43.60
Sows ..... dollars/cwt	57.90	41.80	43.30	38.00
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> ..... dollars/cwt	20.10	17.20	17.00	16.40
Fat test ..... percent	3.71	3.99	4.02	4.02
Broilers, live <sup>6</sup> ..... dollars/pound	0.459	0.500	0.490	0.510
Eggs, all <sup>7</sup> ..... dollars/dozen	0.969	1.33	1.14	1.17
Market <sup>7 8</sup> ..... dollars/dozen	0.796	1.18	0.949	0.980
Turkeys, live <sup>9</sup> ..... dollars/pound	0.680	0.529	0.530	0.498
<b>Adjusted for seasonal variation</b>				
Eggs, all ..... dollars/dozen	0.979	1.07	0.905	0.949
Seasonal factor ..... percent	101	124	126	123
Milk, all ..... dollars/cwt	20.20	16.50	15.90	15.70
Seasonal factor ..... percent	100	105	107	105

(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)								
January .....	4.82	4.01	4.65	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	9.50
March .....	4.40	4.37	5.10	3.56	3.49	3.51	8.56	9.69	9.81
April .....	4.46	4.16	5.28	3.56	3.43	3.58	9.01	9.33	9.85
May .....	4.45	4.05	5.39	3.68	3.45	3.68	9.76	9.29	9.84
June .....	4.20	4.37	5.17	3.82	3.43	3.58	10.20	9.10	9.55
July .....	3.75	4.77	5.00	3.60	3.49	3.47	10.20	9.42	9.08
August .....	3.68	4.84	5.30	3.21	3.27	3.36	9.93	9.24	8.59
September .....	3.48	4.65	5.15	3.22	3.27	3.39	9.41	9.35	8.77
October .....	3.68	4.64	5.22	3.29	3.26	3.41	9.30	9.18	8.58
November .....	3.88	4.72	5.23	3.24	3.15	3.41	9.47	9.22	8.37
December .....	3.90	4.50	5.28	3.32	3.23	3.54	9.64	9.30	8.57

## 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	112.00	60.60	62.10	59.10
July .....	119.00	120.00	110.00	59.40	67.30	58.60
August .....	117.00	114.00	110.00	52.60	61.50	44.30
September .....	108.00	105.00	108.00	47.80	48.90	43.20
October .....	101.00	109.00	110.00	41.70	47.30	50.30
November .....	104.00	119.00	113.00	39.00	50.00	46.20
December .....	111.00	118.00	117.00	43.10	48.60	43.40

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

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

**Prices Received for All Wheat – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(D)
Colorado .....	3.40	4.51	4.74
Idaho .....	4.72	5.25	5.34
Illinois .....	4.41	5.00	5.01
Indiana .....	(D)	5.19	5.37
Kansas .....	3.61	4.71	4.75
Michigan .....	3.82	4.92	5.18
Minnesota .....	5.56	5.19	5.61
Missouri .....	4.39	5.13	5.06
Montana .....	5.30	5.18	5.36
Nebraska .....	3.46	4.47	4.44
North Carolina .....	4.87	4.97	5.47
North Dakota .....	5.57	5.05	5.22
Ohio .....	4.27	5.06	5.09
Oklahoma .....	3.33	4.67	4.71
Oregon .....	5.03	5.80	5.89
South Dakota .....	5.58	4.83	5.22
Texas .....	2.65	5.05	5.05
Washington .....	4.64	5.68	5.56
United States .....	4.50	5.23	5.28

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

**Prices Received for Winter Wheat – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(D)
Colorado .....	3.40	4.51	4.74
Idaho .....	4.45	5.16	5.28
Illinois .....	4.41	5.00	5.01
Indiana .....	(D)	5.19	5.37
Kansas .....	3.61	4.71	4.75
Michigan .....	3.82	4.92	5.18
Minnesota .....	(D)	(D)	(D)
Missouri .....	4.39	5.13	5.06
Montana .....	4.78	4.86	5.36
Nebraska .....	3.46	4.47	4.44
North Carolina .....	4.87	4.97	5.47
North Dakota .....	3.33	4.40	3.94
Ohio .....	4.27	5.06	5.09
Oklahoma .....	3.33	4.67	4.71
Oregon .....	4.92	5.76	5.87
South Dakota .....	4.64	4.60	5.08
Texas .....	2.65	5.05	5.05
Washington .....	4.51	5.62	5.52
United States .....	3.89	5.20	5.24

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

**Prices Received for Durum Wheat – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
California .....	(S)	(S)	(D)
Idaho .....	(D)	(D)	(D)
Montana .....	(D)	4.98	5.31
North Dakota .....	6.18	4.66	4.61
United States .....	6.25	4.72	4.77

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	(D)	(S)	(D)
Idaho .....	5.25	5.48	5.47
Minnesota .....	5.55	5.19	5.61
Montana .....	6.33	5.61	5.36
North Dakota .....	5.52	5.12	5.29
Oregon .....	5.69	5.98	6.05
South Dakota .....	6.22	5.14	5.28
Washington .....	5.36	5.94	5.78
United States .....	5.62	5.33	5.38

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(S)	(D)	(D)
Iowa .....	3.13	3.61	3.40
Michigan .....	3.11	3.59	3.28
Minnesota .....	1.97	2.61	2.35
Montana .....	(S)	(D)	(D)
Nebraska .....	2.71	(D)	(D)
New York .....	(D)	(D)	(S)
North Dakota .....	2.53	2.35	2.65
Oregon .....	(D)	(S)	(S)
Pennsylvania .....	(D)	(D)	(D)
South Dakota .....	2.74	2.62	2.71
Texas .....	(S)	(S)	(D)
Wisconsin .....	2.59	3.09	3.26
United States .....	2.94	2.72	2.77

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(D)
Colorado .....	(D)	4.65	4.67
Idaho .....	4.54	5.10	5.17
Minnesota .....	4.32	(D)	(D)
Montana .....	4.21	4.94	4.62
North Dakota .....	4.32	4.40	4.38
Washington .....	2.09	3.04	3.20
Wyoming .....	(D)	(D)	(D)
United States .....	4.38	4.78	4.68

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(D)
Colorado .....	(D)	4.65	4.67
Idaho .....	(D)	5.19	5.28
Minnesota .....	4.37	(D)	(D)
Montana .....	4.38	4.96	4.63
North Dakota .....	4.41	4.49	4.61
Washington .....	(S)	(S)	(S)
Wyoming .....	(D)	(D)	(D)
United States .....	4.51	4.87	4.81

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(S)
Colorado .....	(S)	(S)	(S)
Idaho .....	3.00	3.30	3.32
Minnesota .....	(D)	(D)	(D)
Montana .....	2.66	4.10	3.85
North Dakota .....	2.56	3.30	3.29
Washington .....	2.09	3.04	3.20
Wyoming .....	(D)	(D)	(S)
United States .....	2.85	3.28	3.30

(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: December 2018 with Comparisons

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama .....	3.97	3.96	4.19
Alaska .....	(S)	(S)	(S)
Arizona .....	(D)	(D)	(D)
Arkansas .....	3.36	3.68	3.78
California .....	(D)	(D)	(D)
Colorado .....	3.25	3.65	3.51
Connecticut .....	(S)	(S)	(S)
Delaware .....	(D)	(D)	(D)
Florida .....	(S)	(D)	(S)
Georgia .....	4.42	4.47	(D)
Hawaii .....	(S)	(S)	(S)
Idaho .....	4.10	4.47	4.40
Illinois .....	3.35	3.44	3.60
Indiana .....	3.42	3.49	3.71
Iowa .....	3.20	3.40	3.53
Kansas .....	3.14	3.48	3.58
Kentucky .....	3.57	3.66	3.84
Louisiana .....	3.64	3.80	(D)
Maine .....	(S)	(S)	(S)
Maryland .....	4.75	3.52	3.95
Massachusetts .....	(S)	(S)	(S)
Michigan .....	3.27	3.34	3.48
Minnesota .....	2.98	3.26	3.40
Mississippi .....	3.75	(D)	3.90
Missouri .....	3.30	3.54	3.63
Montana .....	(D)	(D)	(D)
Nebraska .....	3.21	3.45	3.49
Nevada .....	(S)	(S)	(S)
New Hampshire .....	(S)	(S)	(S)
New Jersey .....	(S)	(D)	(S)
New Mexico .....	(D)	(D)	(D)
New York .....	3.80	3.93	4.26
North Carolina .....	4.14	4.57	4.26
North Dakota .....	2.85	3.14	3.17
Ohio .....	3.50	3.48	3.63
Oklahoma .....	3.55	3.94	3.86
Oregon .....	(D)	(S)	(D)
Pennsylvania .....	3.66	3.87	4.25
Rhode Island .....	(S)	(S)	(S)
South Carolina .....	4.32	(D)	4.98
South Dakota .....	2.91	3.18	3.28
Tennessee .....	3.52	3.80	3.86
Texas .....	3.55	4.11	4.07
Utah .....	3.84	(D)	4.61
Vermont .....	(S)	(S)	(S)
Virginia .....	4.15	4.09	4.24
Washington .....	(D)	(D)	4.29
West Virginia .....	(D)	(D)	(D)
Wisconsin .....	3.13	3.35	3.42
Wyoming .....	(D)	3.59	(D)
United States <sup>1</sup> .....	3.23	3.41	3.54

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

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

<sup>1</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 Sorghum Grain – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas .....	(D)	(S)	(D)
Kansas .....	5.49	5.47	5.61
Louisiana .....	(D)	(S)	(D)
Missouri .....	5.58	5.83	6.30
Nebraska .....	5.34	5.38	5.38
Oklahoma .....	5.62	5.88	5.99
Texas .....	5.47	6.21	6.08
United States .....	5.49	5.54	5.68

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

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

**Prices Received for Soybeans – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	9.69	8.80	9.00
Illinois .....	9.52	8.72	8.81
Indiana .....	9.56	8.58	8.94
Iowa .....	9.20	8.49	8.40
Kansas .....	8.90	7.81	7.98
Kentucky .....	9.65	8.67	8.81
Louisiana .....	9.75	8.82	9.05
Michigan .....	9.34	8.37	8.51
Minnesota .....	8.98	8.35	8.54
Mississippi .....	9.81	8.80	9.17
Missouri .....	9.43	8.48	8.60
Nebraska .....	9.00	8.00	8.18
North Carolina .....	9.27	8.58	8.57
North Dakota .....	8.86	8.03	8.10
Ohio .....	9.65	8.67	8.66
South Dakota .....	8.90	7.90	8.19
Tennessee .....	9.64	8.70	8.71
Wisconsin .....	9.43	8.28	8.63
United States .....	9.30	8.37	8.57

**Prices Received for Dry Beans – States and United States: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(D)	(D)	63.00
Colorado .....	25.70	27.20	(D)
Idaho .....	29.80	22.90	22.30
Michigan .....	29.40	25.80	30.50
Minnesota .....	26.20	27.70	(S)
Nebraska .....	(D)	(D)	(D)
North Dakota .....	23.90	23.60	22.60
United States .....	27.30	25.90	24.40

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

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

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

State	December 2017	November 2018	December 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.199	0.209	0.196
Arkansas .....	0.214	0.198	0.153
Florida .....	0.241	0.219	0.194
Georgia .....	0.225	0.172	0.167
Mississippi .....	0.192	0.201	0.074
New Mexico .....	0.633	0.334	0.229
North Carolina .....	0.228	0.238	0.216
Oklahoma .....	0.251	0.237	0.218
South Carolina .....	0.235	0.208	0.201
Texas .....	0.271	0.266	0.236
Virginia .....	0.241	0.212	0.230
United States .....	0.230	0.212	0.178

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

State	December 2017	November 2018	December 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	17.80	19.90	(D)
Minnesota .....	17.50	18.40	19.00
North Dakota .....	17.60	16.90	17.10
South Dakota .....	16.50	16.10	15.60
United States .....	17.00	17.00	16.40

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

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

State	December 2017	November 2018	December 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(D)	(D)
Montana .....	(D)	13.20	13.70
North Dakota .....	16.70	16.10	16.40
Oklahoma .....	(S)	(S)	(S)
United States .....	16.70	16.00	16.30

(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: December 2018 with Comparisons**

State	December 2017	November 2018	December 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	9.36	9.76	9.66
United States .....	9.36	9.76	9.66

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	December 2017	November 2018	December 2018	December 2017	November 2018	December 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	0.716	0.738	0.739	124.00	116.00	126.00
Arizona .....	(D)	(D)	(D)	191.00	167.00	237.00
Arkansas .....	(D)	0.709	0.706	(S)	145.00	(D)
California .....	(D)	(S)	(S)	240.00	270.00	(D)
Georgia .....	0.754	0.793	0.780	115.00	109.00	118.00
Louisiana .....	0.743	0.760	0.740	(S)	140.00	(D)
Mississippi .....	0.704	0.744	0.742	(D)	155.00	165.00
North Carolina .....	0.692	0.763	0.750	124.00	128.00	130.00
Tennessee .....	(D)	0.738	0.723	(S)	(D)	(D)
Texas .....	0.665	0.717	0.724	142.00	163.00	167.00
United States .....	0.686	0.730	0.727	143.00	152.00	163.00

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

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

## Prices Received and Marketings for Upland Cotton and Rice – United States: December 2018 with Comparisons

Item	December 2017	November 2018	December 2018
Cotton, Upland			
Average price ..... dollars/pound	0.686	0.730	0.727
Marketings <sup>1</sup> ..... 1,000 bales	3,656	2,167	2,705
Rice, all			
Average price ..... dollars/cwt	12.90	12.20	11.90
Marketings <sup>2</sup> ..... 1,000 cwt	15,535	13,233	16,278
Rice, long			
Average price ..... dollars/cwt	11.40	10.90	10.70
Marketings <sup>2</sup> ..... 1,000 cwt	11,431	9,455	12,144
Rice, medium and short			
California			
Average price ..... dollars/cwt	20.00	17.40	17.50
Other States <sup>3</sup>			
Average price ..... dollars/cwt	11.30	11.80	12.00
United States			
Average price ..... dollars/cwt	17.30	15.40	15.40
Marketings <sup>2</sup> ..... 1,000 cwt	4,104	3,778	4,134

<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: December 2018 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	December 2017	November 2018	December 2018	December 2017	November 2018	December 2018	December 2017	November 2018	December 2018
	(dollars per ton)								
Alabama <sup>1</sup>	101.00	82.00	(S)						
Alaska <sup>1</sup>	350.00	360.00	360.00	(S)	(S)	(S)	(S)	(S)	(S)
Arizona	171.00	190.00	200.00	170.00	190.00	200.00	180.00	200.00	200.00
Arkansas <sup>1</sup>	97.00	113.00	109.00	(S)	(S)	(S)	96.00	(S)	(S)
California	173.00	194.00	200.00	185.00	205.00	210.00	135.00	155.00	165.00
Colorado	171.00	225.00	235.00	170.00	225.00	235.00	180.00	225.00	235.00
Connecticut <sup>1</sup>	200.00	(S)							
Delaware <sup>1</sup>	(S)								
Florida <sup>1</sup>	176.00	162.00	162.00	(S)	(S)	(S)	(S)	(S)	(S)
Georgia <sup>1</sup>	91.00	88.00	87.00	(S)	(S)	(S)	(S)	(S)	(S)
Hawaii <sup>1</sup>	(S)								
Idaho	137.00	161.00	165.00	135.00	160.00	165.00	160.00	170.00	170.00
Illinois	128.00	156.00	156.00	150.00	170.00	170.00	90.00	120.00	125.00
Indiana <sup>1</sup>	178.00	157.00	167.00	195.00	185.00	195.00	150.00	130.00	140.00
Iowa	104.00	124.00	138.00	117.00	127.00	145.00	83.00	113.00	128.00
Kansas	111.00	149.00	145.00	131.00	174.00	172.00	73.00	103.00	95.00
Kentucky	129.00	159.00	166.00	205.00	215.00	220.00	110.00	145.00	150.00
Louisiana <sup>1</sup>	95.00	105.00	101.00	(S)	(S)	(S)	(S)	(S)	(S)
Maine <sup>1</sup>	161.00	(S)	142.00	178.00	(S)	(S)	150.00	(S)	(S)
Maryland <sup>1</sup>	155.00	(S)	151.00	(S)	(S)	175.00	137.00	(S)	140.00
Massachusetts <sup>1</sup>	167.00	(S)	203.00	(S)	(S)	(S)	(S)	(S)	(S)
Michigan	170.00	156.00	164.00	180.00	165.00	175.00	145.00	140.00	145.00
Minnesota	111.00	136.00	140.00	121.00	156.00	155.00	82.00	115.00	112.00
Mississippi <sup>1</sup>	90.00	100.00	(S)	(S)	(S)	(S)	(S)	100.00	(S)
Missouri	99.00	121.00	120.00	150.00	160.00	160.00	85.00	110.00	110.00
Montana	139.00	143.00	143.00	140.00	145.00	145.00	135.00	130.00	130.00
Nebraska	89.00	108.00	104.00	94.00	118.00	115.00	77.00	85.00	78.00
Nevada	170.00	166.00	170.00	170.00	165.00	170.00	160.00	180.00	175.00
New Hampshire <sup>1</sup>	166.00	(S)	(S)	(S)	(S)	(S)	150.00	(S)	(S)
New Jersey <sup>1</sup>	(S)	(S)	213.00	(S)	(S)	220.00	(S)	(S)	210.00
New Mexico	168.00	236.00	240.00	170.00	250.00	255.00	155.00	160.00	160.00
New York	142.00	161.00	161.00	235.00	185.00	185.00	133.00	152.00	152.00
North Carolina <sup>1</sup>	110.00	127.00	122.00	(S)	(S)	(S)	110.00	(S)	(S)
North Dakota	86.00	90.00	89.00	90.00	92.00	91.00	67.00	71.00	76.00
Ohio	140.00	151.00	156.00	180.00	180.00	185.00	110.00	125.00	130.00
Oklahoma	72.00	101.00	109.00	126.00	165.00	190.00	68.00	88.00	104.00
Oregon	166.00	193.00	192.00	170.00	195.00	200.00	160.00	190.00	180.00
Pennsylvania	173.00	198.00	210.00	190.00	217.00	231.00	170.00	193.00	205.00
Rhode Island <sup>1</sup>	(S)								
South Carolina <sup>1</sup>	147.00	129.00	(S)						
South Dakota	107.00	98.00	101.00	114.00	104.00	107.00	94.00	87.00	90.00
Tennessee <sup>1</sup>	121.00	132.00	132.00	210.00	(S)	235.00	120.00	(S)	130.00
Texas	114.00	129.00	130.00	176.00	203.00	210.00	108.00	117.00	119.00
Utah	140.00	175.00	180.00	140.00	175.00	180.00	120.00	135.00	135.00
Vermont <sup>1</sup>	168.00	(S)	131.00	(S)	(S)	165.00	(S)	(S)	130.00
Virginia <sup>1</sup>	131.00	152.00	151.00	215.00	(S)	215.00	125.00	140.00	140.00
Washington	158.00	184.00	185.00	145.00	185.00	185.00	190.00	180.00	185.00
West Virginia <sup>1</sup>	(S)								
Wisconsin	118.00	176.00	179.00	127.00	180.00	186.00	94.00	159.00	155.00
Wyoming	138.00	170.00	166.00	140.00	175.00	175.00	130.00	145.00	145.00
United States <sup>2</sup>	137.00	161.00	164.00	149.00	175.00	180.00	119.00	137.00	140.00

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

(NA) Not available.

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

<sup>1</sup> 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: December 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		
	December 2017	November 2018	December 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California .....	(S)	0.415	(S)
Michigan .....	0.405	0.455	0.415
New York .....	0.425	0.403	0.404
Pennsylvania .....	0.394	0.392	0.412
Virginia .....	0.320	0.280	0.280
Washington .....	0.394	0.402	0.418
United States .....	0.397	0.404	0.414

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

## Prices Received for Citrus Fruits by Utilization – States and United States: December 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 (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>Grapefruit</b>							
California .....	(D)	23.25	(D)	(S)	20.84	(D)	(S)
Florida, all .....	36.90	18.97	26.53	13.54	15.65	23.74	9.85
White .....	38.00	17.05	27.65	13.10	13.84	24.95	9.70
Red .....	36.70	19.48	26.35	13.70	16.14	23.55	9.90
Texas .....	30.70	13.79	19.10	(D)	12.22	17.49	(D)
United States .....	35.70	19.36	25.88	13.54	16.13	23.17	9.85
<b>Lemons</b>							
Arizona .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	54.70	37.83	44.67	(D)	31.53	38.15	(D)
United States .....	54.30	37.12	44.26	(D)	30.84	37.74	(D)
<b>Oranges</b>							
California, all .....	38.40	25.81	28.48	(D)	23.03	25.72	(D)
Navel and miscellaneous .....	38.40	25.81	28.48	(D)	23.03	25.72	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all .....	33.60	11.27	22.80	10.80	8.21	19.50	7.75
Early and mids .....	33.60	11.27	22.80	10.80	8.21	19.50	7.75
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	29.90	16.14	18.30	(D)	14.34	16.47	(D)
Early and mids .....	29.90	16.14	18.30	(D)	14.34	16.47	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	37.90	15.52	27.94	10.39	12.55	25.13	7.35

(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: November 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)	23.60	(D)	(S)	21.14	(D)	(S)
Florida, all .....	38.00	23.16	27.67	12.95	20.08	24.88	9.22
White .....	38.20	21.92	27.85	12.70	18.95	25.15	9.30
Red .....	38.00	23.35	27.65	13.00	20.26	24.85	9.20
Texas .....	37.80	18.82	26.20	(D)	17.25	24.59	(D)
United States .....	36.70	21.09	26.24	6.59	18.84	24.06	4.13
<b>Lemons</b>							
Arizona .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	52.30	39.51	42.07	(D)	32.96	35.42	(D)
United States .....	53.10	39.25	42.89	(D)	32.73	36.24	(D)
<b>Oranges</b>							
California, all .....	32.90	20.35	22.78	(D)	17.51	19.96	(D)
Navel and miscellaneous .....	32.90	20.35	22.78	(D)	17.51	19.96	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all .....	34.60	14.53	23.80	10.40	11.41	20.50	7.35
Early and mids .....	34.60	14.53	23.80	10.40	11.41	20.50	7.35
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	32.80	16.35	21.20	(D)	14.56	19.37	(D)
Early and mids .....	32.80	16.35	21.20	(D)	14.56	19.37	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	33.10	18.55	22.78	7.31	15.71	19.98	4.35

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

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

## Prices Received for Citrus Fruits by Utilization – States and United States: December 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)	24.20	(D)	(S)	21.74	(D)	(S)
Florida, all .....	35.70	20.46	25.35	14.06	17.27	22.56	10.34
White .....	34.40	18.58	24.05	13.90	15.50	21.35	10.50
Red .....	35.90	20.83	25.55	14.10	17.62	22.75	10.30
Texas .....	38.40	15.43	26.80	(D)	13.89	25.19	(D)
United States .....	36.00	18.69	25.70	7.71	16.31	23.45	5.14
<b>Lemons</b>							
Arizona .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California .....	48.40	32.57	38.17	(D)	26.16	31.52	(D)
United States .....	48.80	31.80	38.53	(D)	25.44	31.88	(D)
<b>Oranges</b>							
California, all .....	32.50	18.60	22.38	(D)	15.74	19.56	(D)
Navel and miscellaneous .....	32.50	18.60	22.38	(D)	15.74	19.56	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all .....	31.30	11.74	20.50	11.40	8.69	17.20	8.35
Early and mids .....	31.30	11.74	20.50	11.40	8.69	17.20	8.35
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	31.40	12.93	19.80	(D)	11.17	17.97	(D)
Early and mids .....	31.40	12.93	19.80	(D)	11.17	17.97	(D)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	32.30	13.66	22.07	10.59	10.68	19.25	7.56

(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: December 2018 with Comparisons

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

State	December 2017		November 2018		December 2018	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	16.00	3.72	16.40	3.79	16.00	3.78
California .....	15.55	4.02	16.44	3.97	16.05	3.98
Colorado .....	18.00	3.81	17.60	3.87	17.10	3.89
Florida .....	21.60	3.74	20.80	3.71	20.10	3.71
Idaho .....	16.80	4.09	16.20	4.12	16.00	4.13
Illinois .....	18.00	3.98	17.10	4.07	16.40	4.06
Indiana .....	17.30	3.91	17.20	3.85	16.80	3.88
Iowa .....	17.50	4.03	16.50	4.06	16.30	4.07
Kansas .....	16.80	3.93	16.00	4.06	15.30	4.04
Michigan .....	16.00	3.89	16.10	3.76	15.60	3.79
Minnesota .....	17.20	4.04	16.80	4.19	16.30	4.12
New Mexico .....	16.30	3.80	15.30	3.88	14.70	3.87
New York .....	17.70	3.97	17.80	4.01	17.40	4.01
Ohio .....	18.20	4.03	17.50	3.90	17.20	3.94
Oregon .....	19.60	4.12	19.60	4.24	19.00	4.25
Pennsylvania .....	18.40	3.92	18.00	3.97	17.60	3.98
South Dakota .....	18.10	4.24	17.60	4.38	17.00	4.33
Texas .....	18.40	4.21	17.50	4.35	16.80	4.32
Utah .....	17.60	4.00	16.80	4.04	16.30	4.07
Vermont .....	18.10	3.94	18.20	4.06	17.80	4.06
Virginia .....	19.10	3.91	19.00	3.94	18.10	3.95
Washington .....	17.60	4.12	17.80	4.24	17.40	4.25
Wisconsin .....	17.80	3.98	16.90	4.06	16.00	4.00
United States .....	17.20	3.99	17.00	4.02	16.40	4.02

## Prices Received for Milk Cows – States and United States: January 2019 with Comparisons

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

State	January 2018	October 2018	January 2019
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,700.00	1,450.00	1,250.00
California .....	1,500.00	1,200.00	1,100.00
Colorado .....	1,650.00	1,350.00	1,200.00
Florida .....	1,530.00	1,260.00	1,200.00
Idaho .....	1,600.00	1,350.00	1,250.00
Illinois .....	1,500.00	1,210.00	1,120.00
Indiana .....	1,450.00	1,100.00	1,050.00
Iowa .....	1,440.00	1,170.00	1,080.00
Kansas .....	1,600.00	1,400.00	1,300.00
Michigan .....	1,500.00	1,200.00	1,180.00
Minnesota .....	1,400.00	1,050.00	1,050.00
New Mexico .....	1,750.00	1,450.00	1,250.00
New York .....	1,450.00	1,100.00	1,040.00
Ohio .....	1,450.00	1,050.00	1,000.00
Oregon .....	1,800.00	1,400.00	1,350.00
Pennsylvania .....	1,440.00	1,150.00	1,050.00
South Dakota .....	1,500.00	1,270.00	1,120.00
Texas .....	1,600.00	1,450.00	1,300.00
Utah .....	1,600.00	1,300.00	1,100.00
Vermont .....	1,650.00	1,250.00	1,100.00
Virginia .....	1,370.00	1,120.00	970.00
Washington .....	1,600.00	1,300.00	1,200.00
Wisconsin .....	1,470.00	1,180.00	1,120.00
United States .....	1,520.00	1,230.00	1,140.00

## Parity Price Overview

Parity prices, based on data from January 2017, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. 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, 1954, and 1956.

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

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2017, the 10-average includes the years 2007-2016). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

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

## Commodity Parity Prices and Price as Percent of Parity Price – United States: December 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			
		December 2017	November 2018	December 2018	December 2017	November 2018	December 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
<b>Basic commodities</b>								
All wheat .....	bushel	0.599	17.90	17.60	17.70	25	30	30
Rice .....	cwt	1.36	39.80	40.10	40.20	32	30	30
Corn .....	bushel	0.450	13.20	13.30	13.30	24	26	27
<b>Cotton</b>								
Upland .....	pound	0.068	1.93	2.01	2.01	36	36	36
American Pima .....	pound	0.136	3.89	4.01	4.02	35	35	35
Peanuts .....	pound	0.023	0.673	0.679	0.680	34	31	26
Small chickpeas <sup>1</sup> .....	cwt	2.41	67.60	71.10	71.20	38	30	30
Large chickpeas <sup>1</sup> .....	cwt	3.29	94.50	96.80	97.20	37	21	21
Lentils <sup>1</sup> .....	cwt	2.65	74.30	78.20	78.30	37	23	20
<b>Designated non-basic</b>								
All milk, to plants <sup>2</sup> .....	cwt	1.78	52.70	52.20	52.60	31	30	30
Honey, extracted <sup>3</sup> .....	pound	0.175	4.80	5.16	5.17	43	40	40
<b>Wool and mohair</b>								
Wool .....	pound	0.132	3.69	3.86	3.90	39	38	38
Mohair .....	pound	0.406	11.50	12.00	12.00	40	42	42
<b>Other non-basic</b>								
Apples, fresh <sup>4</sup> .....	pound	0.035	0.995	1.030	1.030	40	39	40
Barley .....	bushel	0.506	14.50	14.90	15.00	30	32	31
Canola .....	cwt	1.88	55.30	55.50	55.60	30	29	29
Cottonseed .....	ton	20.20	597.00	596.00	597.00	24	26	27
Dry edible beans .....	cwt	3.27	94.50	96.20	96.60	29	27	25
Flaxseed .....	bushel	1.15	33.70	33.90	34.00	28	29	28
Oats .....	bushel	0.292	8.55	8.61	8.63	34	32	32
Potatoes, fresh .....	cwt	1.11	33.70	32.70	32.80	34	28	29
Sorghum grain .....	cwt	0.761	22.50	22.40	22.50	24	25	25
Soybeans .....	bushel	1.11	31.90	32.70	32.80	29	26	26
Sunflower, all .....	cwt	2.18	63.50	64.30	64.40	27	26	25
<b>Citrus (equivalent on-tree)</b>								
Grapefruit .....	box	0.738	19.40	21.70	21.80	83	87	75
Lemons .....	box	1.87	51.20	55.20	55.30	60	59	46
Oranges .....	box	0.910	25.70	26.80	26.90	49	59	40
<b>Livestock and poultry</b>								
Beef cattle .....	cwt	11.40	325.00	336.00	337.00	36	34	35
Broilers .....	pound	0.051	1.46	1.50	1.51	34	33	34
Calves .....	cwt	16.50	471.00	487.00	488.00	37	35	34
Eggs <sup>2</sup> .....	dozen	0.101	2.99	2.98	2.98	36	30	32
Hogs .....	cwt	5.66	164.00	167.00	167.00	30	28	26
Turkeys, live .....	pound	0.066	1.900	1.950	1.950	28	27	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: December 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			
		December 2017	November 2018	December 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	
<b>Field crops and miscellaneous</b>					
Hops .....	pound	0.392	10.70	11.60	11.60
Mustard seed .....	cwt	3.30	96.00	97.90	97.50
Rapeseed .....	cwt	2.71	78.70	80.20	80.10
Rye .....	bushel	0.627	18.50	18.60	18.50
Safflower .....	cwt	2.24	65.60	66.10	66.20
Spearmint oil .....	pound	1.73	49.80	51.00	51.10
Sweet potatoes .....	cwt	2.04	59.70	60.20	60.30
<b>Tobacco</b>					
Flue-cured, 11-14 .....	pound	0.185	5.30	5.43	5.47
Fire-cured, 21-23 .....	pound	0.254	7.35	7.49	7.51
Burley, 31 .....	pound	0.181	5.21	5.31	5.35
Maryland, 32 .....	pound	0.171	4.98	5.04	5.05
Dark air-cured, 35-37 .....	pound	0.228	6.62	6.73	6.74
Pennsylvania seedleaf, 41 .....	pound	0.196	5.53	5.78	5.79
<b>Non-citrus fruit</b>					
Apples, processing <sup>1 2</sup> .....	ton	20.20	574.00	596.00	597.00
<b>Apricots</b>					
Fresh <sup>3</sup> .....	ton	121.00	3,400.00	3,570.00	3,580.00
Dried (California) .....	ton	313.00	8,720.00	9,230.00	9,250.00
Avocados <sup>2 3</sup> .....	ton	200.00	5,360.00	5,900.00	5,910.00
<b>Cherries</b>					
Sweet .....	ton	215.00	6,230.00	6,340.00	6,350.00
Tart <sup>2</sup> .....	pound	0.032	0.937	0.944	0.946
Cranberry <sup>2 4</sup> .....	barrel	3.87	119.00	114.00	114.00
Dates (California) <sup>3</sup> .....	ton	159.00	4,210.00	4,690.00	4,700.00
<b>Grapes (California)</b>					
Raisin variety <sup>5</sup> .....	ton	147.00	4,100.00	4,340.00	4,340.00
Wine, processing .....	ton	71.90	(NA)	2,120.00	2,120.00
Kiwifruit <sup>2</sup> .....	ton	105.00	3,040.00	3,100.00	3,100.00
Nectarines, fresh (California) <sup>3</sup> .....	ton	73.00	1,960.00	2,150.00	2,160.00
Olives, canning (California) <sup>4</sup> .....	ton	106.00	2,900.00	3,130.00	3,130.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: December 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		
		December 2017	November 2018	December 2018
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Non-citrus fruit - continued</b>				
Papayas (Hawaii) ..... pound	0.042	1.20	1.24	1.24
<b>Peaches</b>				
Fresh <sup>4 6</sup> ..... ton	97.30	2,660.00	2,870.00	2,880.00
Dried (California) <sup>1 5</sup> ..... ton	43.30	1,280.00	1,270.00	1,280.00
Processing, excludes dried Clingstone (California) <sup>4</sup> ..... ton	37.90	1,060.00	1,120.00	1,120.00
Pears, Fresh <sup>6</sup> ..... ton	63.60	1,760.00	1,870.00	1,880.00
<b>Plums (California) equivalent on-tree</b>				
Fresh <sup>7</sup> ..... ton	68.50	1,900.00	2,020.00	2,020.00
Prunes, dried (California) <sup>1 2 5</sup> ..... ton	171.00	4,680.00	5,040.00	5,050.00
<b>Strawberries</b>				
Fresh <sup>10</sup> ..... pound	9.62	256.00	283.00	284.00
Processing ..... pound	3.62	103.00	107.00	107.00
<b>Sugar crops</b>				
Sugar beets <sup>2 8</sup> ..... ton	5.10	149.00	150.00	151.00
Sugarcane <sup>2 8</sup> ..... ton	3.47	102.00	102.00	103.00
<b>Tree nuts <sup>9</sup></b>				
Almonds ..... pound	0.242	6.91	7.14	7.15
Hazelnuts ..... ton	236.00	6,820.00	6,930.00	6,970.00
Pistachios ..... pound	0.238	6.91	6.99	7.03
Walnuts ..... ton	237.00	6,850.00	6,960.00	7,000.00
<b>Vegetables, fresh <sup>10</sup></b>				
Carrots <sup>11</sup> ..... cwt	2.79	79.90	82.00	82.40
Cauliflower <sup>11</sup> ..... cwt	4.59	132.00	135.00	136.00
Celery <sup>11</sup> ..... cwt	1.98	59.40	58.40	58.50
Honeydew melons ..... cwt	2.02	56.20	59.60	59.70
Lettuce ..... cwt	2.43	67.30	71.70	71.80
Onions <sup>11</sup> ..... cwt	1.41	40.10	41.60	41.70
Tomatoes ..... cwt	4.05	117.00	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

### Rice:

United States .....	August 1 to July 31
Louisiana and Texas .....	July 1 to June 30
Arkansas and Mississippi .....	August 1 to July 31
California .....	October 1 to September 30
Missouri .....	September 1 to August 31

### Sweet Potatoes:

United States .....	July 1 to June 30
Alabama and California .....	July 1 to June 30
Arkansas, Louisiana, North Carolina, and Texas .....	July 1 to May 31
Mississippi and New Jersey .....	August 1 to July 31
Florida .....	January 1 to December 31

**Sweet Potato Market Year Average Prices Received – States and United States: Marketing Years 2016-2018**

State	2016	2017	2018 <sup>1</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas .....	(D)	(D)	21.70
California .....	23.10	23.60	25.60
Florida .....	(D)	(D)	41.90
Louisiana .....	21.30	19.90	25.00
Mississippi .....	22.80	18.50	23.50
North Carolina .....	18.10	15.30	21.50
Other States .....	30.10	28.70	(NA)
United States .....	20.70	18.40	23.90

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

(NA) Not available.

<sup>1</sup> Preliminary.

**Rice Market Year Average Prices Received by All and Length of Grain – States and United States: Marketing Years 2015 through 2017**

State	2015	2016	2017
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
<b>All rice</b>			
Arkansas .....	10.90	9.39	11.10
California .....	18.40	14.30	20.30
Louisiana .....	11.40	10.20	11.70
Mississippi .....	11.00	9.55	11.50
Missouri .....	11.20	9.92	12.00
Texas .....	12.40	10.40	11.90
United States <sup>1</sup> .....	12.20	10.40	12.90
<b>Long grain</b>			
United States <sup>1</sup> .....	11.20	9.61	11.50
<b>Medium and short grain</b>			
California .....	18.10	14.10	20.10
Other States <sup>1</sup> .....	11.20	10.10	11.70
United States <sup>1</sup> .....	15.30	13.10	17.00

<sup>1</sup> Based on state prices weighted by marketings for August through July.

## All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2016-2017 through 2018-2019

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	11.70	11.30	14.30	8,327	10,290	4,529
September .....	10.60	11.50	12.50	10,006	10,475	8,054
October .....	10.40	12.40	11.90	15,659	14,046	14,485
November .....	10.50	13.50	12.20	15,632	13,896	13,233
December .....	10.50	12.90	11.90	18,014	15,535	16,278
January <sup>3</sup> .....	10.90	13.70		19,681	20,835	
February .....	10.10	12.70		16,073	13,342	
March .....	10.10	12.70		18,776	13,748	
April .....	10.10	13.10		18,353	13,167	
May .....	10.20	12.80		16,874	11,800	
June .....	10.20	13.10		15,444	9,066	
July .....	10.80	13.70		14,096	9,465	
MYA .....	10.40	12.90		186,935	155,665	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2017 - November 2018. Final monthly prices, marketings, and MYA price will be published in the January 2020 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2016-2017 through 2018-2019

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	10.60	10.60	11.90	6,240	8,505	3,101
September .....	9.95	11.00	11.40	7,590	8,508	6,650
October .....	9.65	11.00	10.90	11,847	10,147	11,374
November .....	9.62	11.20	10.90	11,798	9,372	9,455
December .....	9.69	11.40	10.70	13,484	11,431	12,144
January <sup>3</sup> .....	9.66	11.60		13,063	13,668	
February .....	9.41	11.70		12,831	10,077	
March .....	9.41	11.70		14,494	11,028	
April .....	9.20	11.80		14,382	10,053	
May .....	9.38	11.80		13,276	9,695	
June .....	9.54	11.90		12,720	7,044	
July .....	10.00	11.80		11,107	6,572	
MYA .....	9.61	11.50		142,832	116,100	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2017 - November 2018. Final monthly prices, marketings, and MYA price will be published in the January 2020 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2016-2017 through 2018-2019

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>	2016-2017	2017-2018 <sup>2</sup>	2018-2019 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	14.70	14.90	19.50	2,087	1,785	1,428
September .....	12.70	13.60	17.90	2,416	1,967	1,404
October .....	12.70	16.20	15.60	3,812	3,899	3,111
November .....	13.30	18.40	15.40	3,834	4,524	3,778
December .....	12.90	17.30	15.40	4,530	4,104	4,134
January <sup>3</sup> .....	13.30	17.70		6,618	7,167	
February .....	12.60	16.00		3,242	3,265	
March .....	12.40	16.60		4,282	2,720	
April .....	13.20	17.40		3,971	3,114	
May .....	13.40	17.50		3,598	2,105	
June .....	13.40	17.30		2,724	2,022	
July .....	13.70	18.10		2,989	2,893	
MYA .....	13.10	17.00		44,103	39,565	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2017 - November 2018. Final monthly prices, marketings, and MYA price will be published in the January 2020 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2017-2018 through 2018-2019

[Marketing year for California: October - September. Marketing Year for Other States: August - July. Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas]

Month	California		Other States	
	2017-2018 <sup>1</sup>	2018-2019 <sup>1</sup>	2017-2018	2018-2019 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	15.50	20.40	11.00	14.00
September .....	15.10	20.00	10.80	12.70
October .....	19.80	17.30	11.00	11.70
November .....	20.40	17.40	11.10	11.80
December .....	20.00	17.50	11.30	12.00
January <sup>3</sup> .....	20.40		11.50	
February .....	19.90		12.30	
March .....	20.00		11.80	
April .....	20.00		12.30	
May .....	19.80		11.90	
June .....	20.10		12.50	
July .....	20.00		12.50	
August .....	20.40		14.00	
September .....	20.00		12.70	
MYA .....	20.10		11.70	

<sup>1</sup> Prices include late reports and revised data for October 2017 - November 2018.

<sup>2</sup> Prices include late reports and revised data for August 2018 - November 2018. Final monthly prices and MYA price will be published in the October 2019 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018

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

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	99.4	106.5	111.6	115.5	115.0	112.7	109.7	109.8	107.6	100.0	102.2	101.3	107.9
2015 ...	98.0	100.1	102.9	104.2	107.9	105.7	100.4	102.8	98.3	89.5	92.5	90.2	99.2
2016 ...	89.5	93.2	93.2	93.2	94.8	93.7	90.6	89.7	86.5	80.7	83.4	88.2	90.6
2017 ...	86.0	91.1	94.3	96.2	99.7	98.2	95.5	94.1	92.5	87.8	91.4	92.1	93.4
2018 ...	86.1	91.1	95.1	92.9	94.8	95.1	91.5	89.5	88.2	85.1	88.3	89.9	90.9
Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	90.6	94.1	95.8	99.8	100.3	99.3	93.1	92.2	88.2	81.7	82.4	83.6	92.3
2015 ...	83.7	86.2	87.4	90.3	91.9	90.5	88.1	89.0	88.2	80.5	83.0	84.5	87.0
2016 ...	80.8	85.7	83.9	87.5	91.1	88.7	84.9	84.9	84.2	79.5	80.7	81.6	86.2
2017 ...	77.3	85.1	86.1	91.7	90.0	87.1	86.8	88.8	89.9	82.7	81.9	84.7	86.2
2018 ...	78.6	86.9	88.0	88.4	89.1	90.3	86.9	89.9	88.1	80.1	84.1	87.6	86.8
Year	Grain and oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	86.0	85.9	88.5	92.2	91.0	87.5	80.9	75.9	71.8	71.0	68.9	72.2	81.6
2015 ...	74.4	72.7	72.2	71.2	69.0	69.0	70.7	68.8	67.6	67.4	64.8	66.1	69.8
2016 ...	66.0	64.7	64.3	65.5	67.9	67.8	62.6	60.8	61.9	65.6	62.5	63.8	65.1
2017 ...	65.2	65.7	65.8	64.3	63.4	62.5	64.8	63.8	64.4	65.5	61.7	63.1	64.3
2018 ...	64.8	66.4	68.3	69.5	69.4	67.7	65.7	65.3	64.9	64.7	62.2	64.4	66.2
Year	Food grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	98.1	97.1	99.0	99.0	101.6	90.4	84.7	83.4	82.4	83.5	87.8	87.0	90.4
2015 ...	90.2	84.0	82.4	80.8	78.8	74.7	71.3	67.7	69.0	72.3	73.7	71.7	75.5
2017 ...	73.8	70.2	68.2	68.0	68.9	60.4	53.3	54.0	55.7	59.5	62.5	60.9	62.1
2018 ...	63.0	63.4	65.7	63.7	62.4	61.5	65.4	67.5	68.2	70.7	75.2	70.4	65.4
2019 ...	73.5	74.9	76.4	78.8	79.2	72.6	69.6	74.8	73.3	75.0	76.5	75.3	74.3
Year	Feed grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	73.9	73.1	75.9	78.8	78.6	75.4	68.6	63.2	59.3	59.9	60.3	63.8	69.1
2015 ...	64.2	64.2	64.3	63.1	61.1	60.7	64.5	64.7	62.9	61.7	60.2	61.5	62.7
2016 ...	61.4	60.4	60.1	59.7	61.6	64.3	60.8	56.1	54.6	55.1	54.1	55.6	58.6
2017 ...	56.9	57.9	58.7	57.4	57.7	57.6	59.0	56.8	55.5	54.7	52.8	54.3	56.5
2018 ...	55.2	56.9	58.9	59.9	61.4	60.2	58.7	58.2	57.4	57.0	57.0	59.2	58.3
Year	Oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	102.5	104.3	108.0	112.7	113.4	111.4	103.0	97.1	86.5	79.7	81.3	82.0	98.8
2015 ...	82.2	79.4	79.0	77.8	77.3	77.2	80.2	77.7	72.4	70.4	69.3	70.0	76.0
2016 ...	69.7	68.4	68.8	72.3	77.9	81.1	80.8	78.5	74.9	74.3	75.2	76.6	75.0
2017 ...	77.4	78.5	77.3	74.7	74.3	72.8	75.4	74.3	75.2	73.5	73.6	74.4	75.1
2018 ...	74.5	76.3	79.0	79.2	79.2	76.8	73.3	70.1	70.5	68.8	67.1	68.4	73.5
Year	Fruit and tree nut												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	127.5	130.8	130.0	127.7	129.6	137.7	135.6	138.1	137.7	137.7	143.0	132.0	136.3
2015 ...	135.0	134.5	137.2	135.1	145.4	144.7	136.1	132.1	132.4	134.6	142.2	133.5	138.6
2016 ...	134.6	135.7	127.3	125.0	123.6	127.5	132.4	126.5	126.8	128.8	133.0	124.4	138.8
2017 ...	120.3	120.8	120.1	115.5	127.7	129.3	132.1	132.5	136.9	133.8	134.1	133.3	133.8
2018 ...	137.2	141.2	127.7	122.5	113.5	134.8	131.8	129.6	131.0	129.8	129.9	125.9	132.9

See footnote(s) at end of table.

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**Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Vegetables & melons												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	92.2	98.0	97.8	102.0	106.0	116.2	104.0	99.1	93.5	96.2	113.3	95.3	103.3
2015 ...	110.5	83.2	91.3	101.3	98.6	107.6	103.9	106.2	113.4	109.6	131.3	139.6	108.8
2016 ...	134.2	104.2	97.2	98.7	113.1	108.0	104.3	88.8	89.7	88.8	95.5	95.5	103.9
2017 ...	101.1	119.0	124.8	158.7	112.4	108.7	103.0	96.0	106.0	119.1	108.2	113.2	113.6
2018 ...	101.4	96.3	117.1	94.9	104.1	99.4	88.3	93.1	90.7	97.5	142.9	152.6	107.3
Year	Other crop												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	91.8	91.9	92.6	95.8	99.9	104.3	103.5	97.4	98.9	92.3	84.9	82.7	94.7
2015 ...	79.9	79.3	82.7	84.9	89.1	90.0	89.0	84.3	88.9	82.7	78.6	80.0	84.4
2016 ...	76.9	75.1	74.9	76.6	77.9	79.5	81.4	82.4	82.5	80.0	78.4	79.5	79.3
2017 ...	77.9	75.4	76.4	78.6	80.6	82.6	84.2	83.2	86.8	84.4	81.8	83.5	81.5
2018 ...	83.0	79.8	80.8	82.8	86.9	90.6	92.0	92.0	96.8	92.1	89.5	90.5	88.4
Year	Food commodity												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	110.9	116.9	122.7	125.5	125.1	122.7	120.4	121.4	120.0	112.9	120.7	115.4	120.3
2015 ...	109.4	108.0	111.1	111.5	116.6	114.2	107.0	110.3	104.4	95.2	102.0	96.8	107.3
2016 ...	96.6	98.4	98.1	97.2	99.1	97.6	94.4	93.5	89.8	84.2	89.1	93.8	95.5
2017 ...	93.4	96.3	100.0	101.4	105.8	104.2	100.9	99.0	97.3	93.7	100.7	99.5	99.7
2018 ...	92.8	95.5	100.0	96.2	98.2	98.9	94.9	92.0	90.6	88.8	94.0	94.2	95.1
Year	Livestock production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	115.6	120.7	128.4	131.4	129.7	128.0	132.6	130.5	132.3	135.3	133.8	126.9	128.7
2015 ...	120.2	113.9	117.2	116.5	121.9	121.0	115.2	117.2	109.4	104.3	105.4	97.2	113.4
2016 ...	99.6	99.0	99.8	97.2	97.4	97.7	96.0	93.7	88.4	82.1	86.2	94.5	94.4
2017 ...	96.5	96.0	100.5	99.5	106.8	107.2	103.9	98.5	94.8	94.3	101.8	99.6	99.9
2018 ...	94.5	94.2	99.8	95.8	98.3	98.5	95.4	89.3	88.3	91.3	92.4	92.0	94.2
Year	Meat animal												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	114.2	119.4	128.3	131.1	127.7	129.3	138.0	136.8	134.2	140.3	139.5	133.6	131.1
2015 ...	131.4	125.1	126.7	127.4	130.1	126.9	122.3	122.6	113.9	108.9	104.4	95.9	119.8
2016 ...	102.8	106.1	108.6	105.7	106.0	104.8	100.2	97.2	88.9	82.4	83.6	88.4	97.9
2017 ...	96.0	99.2	103.0	103.9	111.4	110.8	104.0	98.8	90.0	93.0	99.7	97.2	100.5
2018 ...	99.3	103.4	101.8	96.3	99.2	96.1	94.5	90.5	88.7	93.1	93.1	93.1	95.8
Year	Cattle												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	122.2	126.8	130.6	131.0	129.1	130.4	138.0	140.6	141.5	149.0	153.6	148.5	136.6
2015 ...	147.7	142.3	144.4	146.0	143.2	138.7	132.9	132.5	125.0	117.7	117.1	108.6	133.2
2016 ...	115.2	116.4	119.3	115.1	111.9	108.8	103.4	102.1	94.3	88.7	91.8	97.3	105.3
2017 ...	102.2	103.7	109.0	111.7	118.4	114.8	104.7	100.1	94.0	98.5	106.2	104.4	105.5
2018 ...	105.7	109.8	109.7	104.6	105.0	98.0	96.2	96.5	95.7	98.4	100.4	102.8	101.8
Year	Hog												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	92.0	98.5	123.2	133.5	124.5	127.5	140.3	125.1	113.8	115.8	100.3	96.7	115.9
2015 ...	86.3	75.8	75.6	73.7	88.6	90.1	88.3	88.7	82.0	83.5	69.0	64.4	80.5
2016 ...	65.6	74.6	75.2	76.7	86.0	91.1	89.3	79.1	71.9	62.7	58.6	64.8	74.6
2017 ...	72.3	81.8	79.7	72.8	80.6	93.4	101.2	92.5	73.5	71.1	75.2	73.1	80.6
2018 ...	78.9	82.1	75.2	68.1	77.4	88.9	88.1	66.6	65.0	75.6	69.5	65.3	75.1

See footnote(s) at end of table.

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**Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Dairy												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2015 ...	87.1	84.1	82.6	82.6	83.6	84.1	82.6	83.6	87.6	88.1	91.0	86.1	85.2
2016 ...	80.1	78.1	76.1	75.1	72.1	73.6	80.1	85.6	86.6	83.1	88.6	94.0	81.1
2017 ...	94.0	91.5	86.1	82.1	83.1	86.1	85.6	90.0	89.1	90.0	90.5	85.6	87.8
2018 ...	80.1	76.1	77.6	78.6	80.6	81.1	76.6	79.1	83.1	86.6	84.6	81.6	80.5

  

Year	Poultry												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2015 ...	126.3	118.9	132.1	129.2	146.3	148.5	131.5	136.6	120.5	108.5	123.1	111.6	127.8
2016 ...	112.8	104.8	104.9	102.8	106.9	109.0	102.7	92.7	89.0	79.9	90.5	110.3	100.4
2017 ...	99.5	92.3	106.5	104.3	116.1	116.4	116.7	103.9	109.4	99.8	114.6	114.5	107.7
2018 ...	111.2	112.0	140.2	129.4	131.7	137.1	130.2	104.1	96.8	95.7	105.2	108.8	116.8

<sup>1</sup> Weighted index using monthly commodity market shares.

**Prices Received Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018**

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

Year	Agricultural production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	1025	1099	1151	1191	1186	1163	1132	1133	1111	1032	1055	1045	1113
2015 ...	1011	1033	1062	1075	1113	1091	1036	1061	1014	924	955	930	1024
2016 ...	923	961	962	962	978	967	935	926	892	832	861	910	935
2017 ...	887	941	974	993	1029	1013	986	971	955	906	943	951	963
2018 ...	889	941	982	959	978	982	945	924	910	878	911	928	938

  

Year	Crop production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	790	821	835	870	875	866	812	804	769	712	719	729	805
2015 ...	730	752	762	788	802	789	769	777	769	702	724	737	759
2016 ...	705	747	732	763	794	773	741	740	734	693	704	711	752
2017 ...	674	742	750	800	785	759	757	774	784	721	714	738	752
2018 ...	686	758	767	771	777	787	757	784	768	699	734	764	757

  

Year	Livestock production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	1343	1402	1491	1526	1505	1486	1539	1515	1537	1571	1554	1474	1495
2015 ...	1396	1323	1361	1353	1416	1405	1337	1361	1270	1211	1224	1129	1317
2016 ...	1156	1149	1158	1129	1131	1134	1114	1088	1026	953	1001	1098	1096
2017 ...	1121	1114	1167	1155	1240	1244	1206	1144	1101	1095	1182	1157	1160
2018 ...	1097	1094	1159	1112	1141	1144	1108	1037	1025	1060	1072	1069	1094

<sup>1</sup> Weighted index using monthly commodity market shares.

## 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.

## December Prices Paid by Farmers

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.2, is up 0.2 percent from November 2018 and 1.7 percent from December 2017.

**Production:** The December index, at 106.1, is up 0.3 percent from November and 0.7 percent from December last year. Higher prices for feeder pigs, complete feeds, hay and forages, and feed grains more than offset lower prices for feeder cattle, diesel, gasoline, and LP gas.

**Feed:** At 96.9, the December index increased 1.3 percent from November and 3.7 percent from last December. Higher prices for complete feeds, hay and forages, feed grains, and supplements more than offset lower prices for concentrates.

**Livestock and poultry:** The December index, at 106.1, is up 0.8 percent from November but down 6.6 percent from December 2017. Since November, higher prices for feeder pigs more than offset lower prices for feeder cattle. The December feeder pigs, at \$168.00 per cwt, is up \$57.00 from November. The December feeder cattle price, at \$146.00 per cwt, is down \$4.00 from November.

**Fertilizer:** The index for December, at 70.0, is up 0.9 percent from November and 8.9 percent from December a year ago. The prices for nitrogen, mixed fertilizer, and potash and phosphate are all higher than the previous month.

**Chemicals:** The December index, at 99.4, is up 0.3 percent from November but down 5.5 percent from December last year.

**Fuels:** At 62.2, the December index is down 7.0 percent from November and 6.7 percent from December 2018. Compared with November, the prices for diesel, gasoline, and LP gas are all lower.

**Machinery:** The index for December, at 121.5, increased 0.4 percent from November and 3.1 percent from December last year. The prices for other machinery are higher than the previous month. Prices for tractors and self-propelled machinery are unchanged.

**Consumer Price Index:** The December 2018 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 1.9 percent over the last 12 months to an index level of 251.233 (1982-1984=100). For the month, the index decreased 0.3 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: December 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		
	December 2017	November 2018	December 2018	December 2017	November 2018	December 2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	2906	2950	2955	107.4	109.0	109.2
Production .....	2193	2202	2208	105.4	105.8	106.1
Feed .....	1029	1054	1068	93.4	95.7	96.9
Livestock and poultry .....	2243	2078	2094	113.6	105.3	106.1
Seeds .....	3934	3885	3885	119.7	118.2	118.2
Fertilizer .....	775	836	843	64.3	69.4	70.0
Chemicals .....	945	890	893	105.2	99.1	99.4
Fuels .....	1865	1871	1740	66.7	66.9	62.2
Supplies and repairs .....	1283	1338	1338	108.8	113.4	113.4
Autos and trucks .....	3252	3229	3235	105.8	105.0	105.2
Machinery .....	7203	7393	7425	117.9	121.0	121.5
Building materials .....	2599	2724	2725	111.7	117.1	117.2
Services and rent .....	2488	2476	2479	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	112.6	114.7	114.9
Rent .....	(NA)	(NA)	(NA)	123.8	119.5	119.5
Interest <sup>1</sup> .....	4082	4325	4325	111.9	118.6	118.6
Taxes <sup>2</sup> .....	6904	6952	6952	116.3	117.1	117.1
Wage rates .....	8588	9260	9260	119.9	129.3	129.3
Family living-CPI <sup>3</sup> .....	2342	2394	2387	109.6	112.1	111.7
Production, interest, taxes, and wage rates (PITW) .....	3018	3060	3067	107.0	108.5	108.8
Ratio (received/paid) .....	(NA)	(NA)	(NA)	86	81	83
Parity ratio <sup>4</sup> .....	33	31	31	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	34	32	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1497	1633	1633	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	108.5	110.7	110.7
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	106.2	107.0	107.4
Farm sector (production) .....	(NA)	(NA)	(NA)	105.3	103.0	103.9
Non-farm sector (production) .....	(NA)	(NA)	(NA)	105.4	107.4	107.3

(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 2019 and the revised factor is 1.026 for 2018.

<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: December 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	December 2017	November 2018	December 2018
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	74.9	73.5	105.4	105.8	106.1
Feed .....	13.4	13.3	93.4	95.7	96.9
Feed grains .....	1.9	1.9	55.1	57.8	59.7
Complete feeds .....	6.6	6.5	102.1	101.5	102.5
Hay and forages .....	1.7	1.6	90.6	105.5	108.2
Concentrates .....	2.1	2.1	93.7	95.0	94.5
Supplements .....	1.1	1.2	111.6	112.9	115.8
Livestock and poultry .....	10.3	8.2	113.6	105.3	106.1
Feeder cattle .....	8.0	6.4	112.6	109.7	106.6
Feeder pigs .....	0.8	0.6	129.3	79.3	120.0
Milk cow replacements .....	0.9	0.7	113.4	86.6	86.6
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	64.3	69.4	70.0
Mixed fertilizer .....	2.6	2.3	65.5	70.0	70.5
Nitrogen .....	2.4	2.2	65.1	70.0	70.7
Potash and phosphate .....	0.8	0.7	58.3	66.0	66.5
Chemicals .....	3.3	3.6	105.2	99.1	99.4
Herbicides .....	2.0	2.3	107.5	101.2	101.5
Insecticides .....	0.8	0.8	103.8	97.6	97.9
Fungicides and other .....	0.5	0.5	97.0	92.0	92.3
Fuels .....	2.5	2.4	66.7	66.9	62.2
Diesel .....	1.6	1.5	60.6	67.1	63.5
Gasoline .....	0.5	0.5	64.0	66.2	59.4
LP gas .....	0.4	0.4	92.4	67.0	60.9
Supplies and repairs .....	4.4	4.6	108.8	113.4	113.4
Supplies .....	1.5	1.6	108.8	113.2	113.3
Repairs .....	2.9	3.0	108.8	113.5	113.5
Autos and trucks .....	1.2	1.3	105.8	105.0	105.2
Autos .....	0.1	0.2	99.7	99.8	99.9
Trucks .....	1.1	1.1	106.7	105.8	106.0
Machinery .....	5.6	5.6	117.9	121.0	121.5
Tractors .....	1.2	1.2	112.7	116.0	116.0
Self-propelled .....	2.3	2.3	120.8	124.7	124.7
Other machinery .....	2.1	2.1	117.8	120.0	121.3
Building materials .....	3.9	4.0	111.7	117.1	117.2
Services .....	11.5	12.1	112.6	114.7	114.9
Custom rates .....	1.2	1.3	114.3	113.3	113.3
Other services .....	10.3	10.8	112.4	114.9	115.1
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	111.9	118.6	118.6
Taxes .....	3.2	3.3	116.3	117.1	117.1
Wage rates .....	6.5	7.1	119.9	129.3	129.3
Family living-CPI .....	13.2	13.7	109.6	112.1	111.7

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

Feed price ratio <sup>1</sup>	December 2017	November 2018	December 2018
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	5.1	5.2	5.3
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	14.4	11.8	11.8
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	15.0	13.5	12.3
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	2.38	2.18	2.04
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	37.2	33.7	33.6
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	6.0	6.0	5.5

<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: December 2018 with Comparisons

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

Item	December 2017	November 2018	December 2018
	(dollars)	(dollars)	(dollars)
Broilers, live ..... pound	0.500	0.490	0.510
Eggs, market ..... dozen	1.18	0.949	0.980
Hogs, all .....cwt	48.60	46.20	43.40
Milk, all .....cwt	17.20	17.00	16.40
Steers and heifers .....cwt	120.00	115.00	119.00
Turkeys, live ..... pound	0.529	0.530	0.498
Corn ..... bushel	3.23	3.41	3.54
Hay, alfalfa ..... ton	149.00	175.00	180.00
Soybeans ..... bushel	9.30	8.37	8.57
Wheat, all ..... bushel	4.50	5.23	5.28

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

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

Item	December 2017	November 2018	December 2018
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	154.00	150.00	146.00
Feeder pigs .....cwt	181.00	111.00	168.00

## Annual Average Prices Paid for Feeder Livestock – United States: 2013-2018

Item	2013	2014	2015	2016	2017	2018
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Feeders and stockers						
Cattle and calves ..... cwt	150.00	215.00	214.00	144.00	146.00	148.00
Feeder pigs ..... cwt	158.00	254.00	135.00	126.00	141.00	132.00

## Grazing Fee Rates for Cattle – States, Regions, and United States: 2017 and 2018

State	Survey average rates <sup>1</sup>					
	Animal unit <sup>2</sup>		Cow-calf		Per head	
	2017	2018	2017	2018	2017	2018
	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)
Arizona .....	9.50	10.00	(S)	(S)	(S)	(S)
California .....	20.60	22.40	28.00	29.00	19.50	21.00
Colorado .....	19.00	19.50	23.00	23.00	18.00	18.50
Idaho .....	18.00	18.00	22.00	22.50	18.50	19.00
Kansas .....	21.00	21.00	27.00	27.00	24.50	22.00
Montana .....	24.50	24.50	27.00	26.00	24.00	24.50
Nebraska .....	39.80	46.00	45.00	52.00	39.00	35.00
Nevada .....	9.90	9.50	18.10	(S)	15.50	15.20
New Mexico .....	15.50	16.00	(S)	(S)	16.00	16.50
North Dakota .....	19.00	24.50	23.00	32.00	19.00	19.00
Oklahoma .....	12.50	12.50	(S)	(S)	11.50	13.00
Oregon .....	16.50	17.50	19.50	21.00	19.50	21.50
South Dakota .....	31.50	31.50	39.00	40.50	35.00	34.00
Texas .....	12.50	12.50	(S)	(S)	11.50	14.50
Utah .....	16.50	17.00	20.00	19.00	18.50	18.50
Washington .....	14.00	14.50	16.50	16.50	16.00	16.00
Wyoming .....	21.50	22.00	23.50	24.00	22.00	23.00
17-State <sup>3</sup> .....	20.20	21.30	23.70	25.20	20.60	21.00
16-State <sup>4</sup> .....	22.60	24.00	26.40	28.40	23.40	23.00
11-State <sup>5</sup> .....	19.30	19.70	22.80	22.80	19.80	20.50
9-State <sup>6</sup> .....	20.50	21.70	23.80	25.70	20.70	21.00

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

<sup>1</sup> The average rates are estimates based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Cattle Survey.

<sup>2</sup> Animal unit (AUM) rate includes survey rates for both animal unit and cow-calf. The rate is converted to an AUM rate using a multiplier factor of 0.833. The multiplier factor is the conversion of a 1,200 pound cow to a 1,000 pound cow.

<sup>3</sup> 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>4</sup> 16 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming.

<sup>5</sup> 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>6</sup> 9 Great Plains States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

# Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018

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

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	109.0	109.6	110.7	112.5	113.1	113.8	113.2	112.4	113.1	112.3	112.4	111.9	112.0
2015 ...	112.2	111.8	112.2	112.0	111.8	111.9	111.5	110.8	109.5	109.5	108.4	106.8	110.7
2016 ...	107.5	107.1	107.2	106.8	107.0	107.3	106.2	105.6	104.2	103.6	103.9	104.7	105.9
2017 ...	106.0	106.5	106.6	106.8	106.8	106.7	106.5	105.7	106.1	106.8	107.1	107.4	106.6
2018 ...	108.2	109.0	109.0	108.6	109.0	108.7	108.8	108.9	108.9	109.4	109.0	109.2	108.9
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	109.8	110.5	111.6	113.6	114.3	115.1	114.4	113.5	114.3	113.4	113.6	113.2	113.1
2015 ...	113.6	113.0	113.4	113.1	112.7	112.9	112.4	111.6	110.1	110.1	108.8	107.0	111.6
2016 ...	107.8	107.3	107.4	106.9	107.0	107.3	106.1	105.3	103.8	103.0	103.4	104.3	105.8
2017 ...	105.7	106.2	106.4	106.5	106.5	106.3	106.1	105.2	105.6	106.4	106.7	107.0	106.2
2018 ...	107.9	108.7	108.7	108.2	108.6	108.2	108.3	108.4	108.4	108.9	108.5	108.8	108.5
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	110.2	111.0	112.3	114.8	115.6	116.5	115.7	114.6	115.6	114.5	114.7	114.2	114.1
2015 ...	114.3	113.6	114.1	113.9	113.6	113.7	113.0	112.1	110.4	110.1	108.6	106.5	112.0
2016 ...	107.1	106.5	106.6	106.1	106.2	106.6	105.0	104.1	102.3	101.2	101.7	102.7	104.7
2017 ...	103.8	104.4	104.6	104.9	104.9	104.7	104.5	103.4	103.8	104.6	105.0	105.4	104.5
2018 ...	105.4	106.3	106.3	106.1	106.5	106.1	105.7	105.8	105.8	106.2	105.8	106.1	106.0
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	112.1	113.0	116.1	121.2	122.3	122.2	116.2	113.3	116.2	105.9	109.0	111.1	114.9
2015 ...	109.4	108.7	108.5	106.3	104.5	105.1	107.3	107.4	105.9	105.0	103.0	101.5	106.1
2016 ...	100.9	100.4	100.5	100.4	104.8	109.3	106.5	102.6	99.3	97.5	96.8	98.0	101.4
2017 ...	96.3	97.3	97.2	96.6	95.9	94.5	95.0	93.5	92.7	93.2	92.3	93.4	94.8
2018 ...	94.2	97.9	99.2	100.7	102.3	100.5	99.0	98.9	96.2	95.7	95.7	96.9	98.1
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	128.0	129.1	133.7	142.6	144.8	153.3	162.2	159.4	164.0	176.6	176.5	172.5	153.6
2015 ...	160.5	151.9	156.6	159.3	158.9	159.3	152.2	147.4	135.6	137.5	129.9	116.0	147.1
2016 ...	119.8	119.4	120.8	115.5	109.4	104.7	99.7	101.1	93.4	87.7	93.0	97.5	105.2
2017 ...	101.7	100.9	103.0	105.1	107.8	108.0	107.4	102.6	105.7	111.4	113.5	113.6	106.7
2018 ...	113.1	114.0	110.5	104.8	103.3	101.6	100.8	100.7	103.9	107.5	105.3	106.1	106.0
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	110.8	110.8	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	113.5
2015 ...	124.7	124.7	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2016 ...	124.6	124.6	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	121.4
2017 ...	120.8	120.8	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.9
2018 ...	119.7	119.7	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.5
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	90.6	93.6	97.3	99.7	102.5	99.8	94.2	92.5	91.6	91.2	90.2	90.7	94.5
2015 ...	90.2	90.5	90.0	90.4	90.7	90.3	86.4	85.3	85.4	83.2	81.9	82.2	87.2
2016 ...	80.0	76.2	75.5	76.4	75.8	74.8	70.4	67.6	66.4	66.0	66.6	65.7	71.8
2017 ...	66.2	68.3	69.5	70.5	69.6	68.3	66.1	63.6	62.3	62.5	63.4	64.3	66.2
2018 ...	64.4	66.1	66.2	66.2	66.5	66.0	65.7	65.7	66.4	68.2	69.4	70.0	66.7
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	109.9	110.6	110.1	109.0	109.0	108.8	108.6	109.1	109.8	109.8	109.7	109.5	109.5
2015 ...	99.3	106.4	106.3	106.5	106.5	106.7	107.4	107.6	107.7	108.1	107.8	108.2	106.5
2016 ...	108.5	108.6	108.8	108.8	108.9	109.0	110.1	108.2	106.2	106.3	104.9	104.1	107.7
2017 ...	102.6	108.7	108.8	107.6	103.3	104.5	101.7	100.8	101.5	100.8	102.7	105.2	104.0
2018 ...	103.3	103.2	106.9	106.3	105.1	105.1	102.2	103.5	101.9	101.9	99.1	99.4	103.2

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Fuels												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	104.1	106.7	98.8	103.3	102.2	101.9	101.0	99.2	98.9	93.3	88.4	77.3	97.9
2015 ...	66.8	67.6	68.7	67.1	67.9	66.1	65.4	60.9	60.0	59.7	57.7	53.7	63.5
2016 ...	49.6	47.5	51.7	53.3	57.6	59.2	57.4	55.4	57.1	59.5	58.0	61.2	55.6
2017 ...	64.7	64.3	60.9	61.9	60.7	58.2	58.3	61.4	66.9	66.4	68.2	66.7	63.2
2018 ...	66.8	65.4	63.4	66.1	69.8	69.5	69.9	70.2	72.0	72.0	66.9	62.2	67.9
Year	Supplies & repairs												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	104.5	104.7	104.9	105.8	105.8	105.8	106.1	106.1	106.1	106.1	106.2	106.1	105.7
2015 ...	106.4	106.3	106.3	106.0	105.9	105.9	105.5	105.5	105.4	105.4	105.5	105.5	105.8
2016 ...	105.7	105.5	105.5	105.6	105.4	105.4	105.9	106.5	106.4	106.7	106.8	106.8	106.0
2017 ...	106.7	106.7	106.7	107.5	107.7	107.9	108.3	108.3	108.4	108.6	108.6	108.8	107.9
2018 ...	109.1	109.1	109.3	110.4	110.9	111.2	112.0	112.9	113.3	113.4	113.4	113.4	111.5
Year	Autos & trucks												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	103.9	104.3	104.3	104.6	104.6	104.1	104.2	104.2	104.3	104.6	104.8	104.9	104.4
2015 ...	104.9	105.4	105.7	106.0	106.0	106.0	105.6	105.3	105.2	105.2	105.5	105.5	105.5
2016 ...	105.9	106.5	106.6	106.4	106.3	106.0	105.9	105.6	105.5	105.8	105.8	106.1	106.0
2017 ...	107.1	107.1	106.8	106.9	106.7	106.2	105.6	105.3	104.9	104.8	105.0	105.8	106.0
2018 ...	106.1	105.9	105.9	105.5	105.6	105.7	105.6	105.4	105.0	104.9	105.0	105.2	105.5
Year	Machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	111.0	110.9	111.0	111.6	111.8	112.1	112.4	112.6	112.2	112.5	112.8	113.1	112.0
2015 ...	114.3	114.9	115.1	115.1	114.9	114.6	114.5	114.3	114.1	114.3	114.6	114.4	114.6
2016 ...	114.4	114.6	114.4	114.6	114.7	115.0	115.3	115.6	115.8	116.5	116.8	117.0	115.4
2017 ...	117.4	117.6	117.8	117.7	117.6	117.6	117.6	117.5	117.7	117.7	117.9	117.9	117.7
2018 ...	118.2	117.8	117.9	117.9	118.1	118.2	118.9	118.9	119.0	120.0	121.0	121.5	119.0
Year	Building materials												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	105.6	106.1	106.5	106.6	106.9	106.9	107.0	107.2	107.4	107.4	107.4	107.3	106.9
2015 ...	107.6	107.6	107.6	107.8	107.7	107.6	107.5	107.1	106.9	107.0	107.0	106.8	107.4
2016 ...	106.9	106.9	107.0	107.3	107.5	107.7	107.9	108.2	108.1	107.9	107.9	108.1	107.6
2017 ...	108.8	109.3	109.6	110.2	110.2	110.3	110.3	110.7	110.9	111.4	111.6	111.7	110.4
2018 ...	112.6	113.3	114.8	115.3	116.6	117.0	117.2	117.1	117.4	117.5	117.1	117.2	116.1
Year	Services <sup>2</sup>												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	108.4	108.4	108.5	108.1	109.0	110.2	110.2	110.2	109.8	109.0	108.7	108.9	109.1
2015 ...	113.6	113.5	113.2	113.4	113.5	114.5	114.4	114.3	114.2	113.3	113.1	112.9	113.7
2016 ...	115.2	115.2	115.2	115.4	115.2	116.1	116.2	116.2	116.1	115.5	115.2	115.6	115.6
2017 ...	111.6	111.7	111.5	111.7	112.1	112.9	113.2	113.2	113.3	112.5	112.4	112.6	112.4
2018 ...	113.5	113.6	113.8	113.8	114.3	114.9	115.1	115.2	115.2	114.9	114.7	114.9	114.5
Year	Rent <sup>2</sup>												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
2015 ...	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
2016 ...	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8
2017 ...	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8
2018 ...	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5
Year	Ratio (paid/received)												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	91	96	101	103	102	99	97	98	96	89	91	90	96
2015 ...	88	89	92	93	96	95	90	93	89	82	86	84	90
2016 ...	83	87	87	87	89	88	86	85	83	78	80	84	85
2017 ...	81	86	88	90	93	92	91	89	88	82	85	86	87
2018 ...	80	83	87	85	87	87	84	83	81	78	81	83	83

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Interest												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2015 ...	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2016 ...	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9
2017 ...	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9
2018 ...	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6	118.6
Year	Taxes												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
2015 ...	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9
2016 ...	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
2017 ...	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
2018 ...	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1
Year	Wage rates												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	109.3	109.3	109.3	107.3	107.3	107.3	106.9	106.9	106.9	108.3	108.3	108.3	108.3	108.0
2015 ...	112.0	112.0	112.0	109.7	109.7	109.7	111.4	111.4	111.4	114.6	114.6	114.6	114.6	111.9
2016 ...	114.7	114.7	114.7	113.9	113.9	113.9	116.4	116.4	116.4	118.4	118.4	118.4	118.4	115.9
2017 ...	120.0	120.0	120.0	118.2	118.2	118.2	118.2	118.2	118.2	119.9	119.9	119.9	119.9	119.1
2018 ...	125.8	125.8	125.8	122.6	122.6	122.6	127.6	127.6	127.6	129.3	129.3	129.3	129.3	126.3
Year	Family living												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	104.0	104.4	105.1	105.4	105.8	106.0	105.9	105.8	105.8	105.6	105.0	104.4	105.3	105.3
2015 ...	103.9	104.4	105.0	105.2	105.7	106.1	106.1	106.0	105.8	105.8	105.5	105.2	105.4	105.4
2016 ...	105.3	105.4	105.9	106.4	106.8	107.2	107.0	107.1	107.3	107.5	107.3	107.4	106.7	106.7
2017 ...	108.0	108.3	108.4	108.7	108.8	108.9	108.8	109.2	109.7	109.7	109.7	109.6	109.0	109.0
2018 ...	110.2	110.7	111.0	111.4	111.9	112.0	112.1	112.1	112.2	112.4	112.1	111.7	111.7	111.7
Year	Production items with farm origin <sup>3</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	116.6	117.3	120.9	126.3	127.5	130.0	129.3	127.0	129.9	128.0	129.6	129.6	126.0	126.0
2015 ...	126.8	123.9	125.2	124.7	123.6	124.1	123.2	121.9	117.7	117.8	114.5	109.7	121.1	121.1
2016 ...	111.5	111.1	111.0	109.1	109.0	109.6	106.5	105.1	100.8	97.9	99.4	101.6	106.1	106.1
2017 ...	102.5	102.7	103.3	103.7	104.4	103.8	103.8	101.4	102.1	104.4	104.7	105.3	103.5	103.5
2018 ...	105.0	107.1	106.4	105.4	105.8	104.3	103.3	103.3	102.9	103.7	103.0	103.9	104.5	104.5
Year	Production items with non-farm origin <sup>4</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	106.1	106.9	106.7	107.5	108.0	107.9	107.1	106.8	106.6	105.9	105.2	104.4	106.6	106.6
2015 ...	106.5	107.2	107.1	107.1	107.2	107.2	106.5	105.9	105.8	105.3	104.9	104.6	106.3	106.3
2016 ...	104.2	103.5	103.7	104.1	104.3	104.6	104.1	103.5	103.3	103.4	103.2	103.5	103.8	103.8
2017 ...	104.6	105.4	105.4	105.7	105.3	105.3	104.9	104.7	104.9	104.7	105.1	105.4	105.1	105.1
2018 ...	105.7	105.9	106.3	106.5	106.9	107.1	107.1	107.3	107.4	107.7	107.4	107.3	106.9	106.9
Year	Crop sector (PPITW)												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	107.0	107.6	108.1	108.7	109.2	109.2	108.6	108.3	108.3	108.0	107.6	107.0	108.1	108.1
2015 ...	109.4	109.8	109.9	109.7	109.8	109.8	109.5	109.0	108.6	108.6	108.1	107.6	109.2	109.2
2016 ...	107.6	107.1	107.0	107.1	107.2	107.3	106.9	106.5	106.1	106.2	106.1	106.4	106.8	106.8
2017 ...	107.8	108.4	108.4	108.5	108.2	108.2	107.9	107.6	107.8	108.0	108.3	108.5	108.1	108.1
2018 ...	109.5	109.7	109.9	109.7	110.0	110.0	110.4	110.5	110.6	111.0	110.7	110.7	110.2	110.2
Year	Livestock Sector (PPITW)												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	111.2	111.8	113.5	116.6	117.4	118.8	118.2	116.8	118.4	117.0	117.6	117.3	116.2	116.2
2015 ...	115.3	114.0	114.7	114.4	113.9	114.2	113.7	112.8	110.5	110.6	108.7	105.9	112.4	112.4
2016 ...	107.4	107.1	107.5	106.6	106.8	107.3	105.5	104.6	102.3	100.8	101.6	102.9	105.0	105.0
2017 ...	104.1	104.4	104.7	105.0	105.4	105.1	105.0	103.8	104.4	105.6	105.9	106.2	105.0	105.0
2018 ...	106.8	108.1	108.0	107.5	108.0	107.3	107.1	107.1	107.0	107.5	107.0	107.4	107.4	107.4

<sup>1</sup> Weighted index using 5-year average production expenditures

<sup>2</sup> For the 2011=100 base period, the Services & Rent Index is separated.

<sup>3</sup> Feed, livestock & poultry purchases, and seed.

<sup>4</sup> Fertilizer, agricultural chemicals, fuels, supplies & repairs, autos & trucks, machinery, building materials, and services & rent.

## Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018

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

Year	Feed grains												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	75.3	74.5	77.7	80.6	80.2	76.4	69.9	63.5	60.7	61.4	62.0	65.6	70.7
2015 ...	65.8	66.3	66.4	65.4	63.5	63.2	65.7	64.4	63.7	62.4	60.7	61.6	64.1
2016 ...	61.2	60.2	60.1	59.5	61.7	64.3	60.7	54.5	53.7	54.8	54.1	55.5	58.4
2017 ...	56.6	57.5	58.0	57.1	58.0	58.0	59.8	56.2	55.8	55.3	53.9	55.1	56.8
2018 ...	56.5	57.8	59.5	60.7	62.2	62.0	59.9	57.9	57.9	57.6	57.8	59.7	59.1
Year	Complete feeds												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	118.7	119.7	123.7	126.9	128.8	128.0	125.2	120.5	121.0	115.0	114.0	116.4	121.5
2015 ...	119.0	117.2	116.3	115.2	113.6	112.3	113.9	115.4	114.5	113.5	112.2	111.2	114.5
2016 ...	110.7	110.5	110.4	109.4	110.8	114.8	114.6	112.7	109.5	107.3	105.7	104.9	110.1
2017 ...	104.3	104.5	104.5	103.9	103.1	102.4	102.2	101.5	100.9	101.0	100.8	102.1	102.6
2018 ...	103.7	105.0	105.6	105.9	107.4	107.0	104.9	104.7	103.1	102.0	101.5	102.5	104.4
Year	Hay & forages												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	108.7	111.1	113.4	122.8	125.1	121.1	119.0	115.1	109.4	108.9	104.7	102.4	113.5
2015 ...	98.9	100.7	104.3	106.4	106.8	101.4	99.0	91.9	92.8	93.3	91.5	92.2	98.3
2016 ...	89.3	89.5	89.3	94.2	89.2	86.1	84.1	85.4	84.1	85.3	84.2	82.2	86.9
2017 ...	82.1	83.5	87.8	94.7	94.6	93.3	92.3	89.2	89.0	92.3	90.6	90.6	90.0
2018 ...	93.2	93.9	97.8	104.1	105.6	102.5	103.4	103.9	105.0	104.9	105.5	108.2	102.3
Year	Concentrates												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	123.0	126.3	127.1	138.4	139.4	149.6	131.0	138.3	159.8	113.8	139.1	140.5	135.5
2015 ...	122.2	120.8	120.6	112.0	109.2	118.8	127.9	127.8	120.7	118.8	112.2	105.2	118.0
2016 ...	106.3	104.6	106.8	106.5	131.7	147.2	136.0	122.7	114.8	108.7	109.7	119.8	117.9
2017 ...	108.1	113.5	109.5	103.1	102.5	96.6	99.2	98.4	96.3	96.2	93.1	93.7	100.9
2018 ...	89.8	107.4	109.0	111.8	114.5	108.7	106.7	107.0	95.2	95.7	95.0	94.5	102.9
Year	Supplements												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	121.0	116.9	120.2	122.8	120.2	116.7	110.1	107.1	111.0	109.5	109.3	115.4	115.0
2015 ...	119.6	119.7	118.1	112.8	108.9	113.5	112.9	118.0	119.2	119.3	120.6	119.9	116.9
2016 ...	118.9	118.8	116.1	115.4	115.2	117.4	114.6	113.9	111.1	110.4	111.8	113.0	114.7
2017 ...	115.9	112.3	112.7	111.6	108.2	108.1	108.8	107.3	106.3	108.3	108.9	111.6	110.0
2018 ...	112.4	113.1	112.7	113.2	113.7	110.0	109.5	112.3	109.6	110.1	112.9	115.8	112.1
Year	Feeder Cattle												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	128.7	128.4	132.2	137.6	142.5	155.3	164.4	165.4	173.7	187.9	188.1	182.1	157.2
2015 ...	168.9	159.7	165.9	170.4	170.1	173.5	165.6	159.9	143.7	145.5	136.0	117.2	156.4
2016 ...	120.0	118.0	119.3	112.9	107.2	103.7	100.5	103.6	93.8	88.2	92.9	95.9	104.7
2017 ...	98.2	96.2	98.4	103.7	108.4	109.2	108.4	104.4	108.7	114.7	115.5	112.6	106.5
2018 ...	110.8	111.6	108.0	104.2	103.9	104.8	106.6	107.7	110.4	113.4	109.7	106.6	108.1
Year	Feeder pigs												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	167.9	184.3	205.0	237.9	217.1	199.3	209.3	164.3	142.1	150.0	147.1	155.0	181.6
2015 ...	142.9	125.0	122.9	115.0	112.1	84.3	67.9	62.9	73.6	83.6	80.7	90.0	96.7
2016 ...	119.3	134.3	139.3	134.3	114.3	90.0	65.0	52.1	51.4	38.6	57.9	85.7	90.2
2017 ...	119.3	128.6	133.6	106.4	95.0	90.0	90.7	70.7	66.4	80.7	100.0	129.3	100.9
2018 ...	145.7	150.0	140.7	117.9	102.1	72.9	47.9	35.7	50.0	71.4	79.3	120.0	94.5
Year	Milk cow replacements												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	101.4	101.4	101.4	127.5	127.5	127.5	138.7	138.7	138.7	149.3	149.3	149.3	129.2
2015 ...	140.1	140.1	140.1	138.7	138.7	138.7	143.0	143.0	143.0	139.4	139.4	139.4	140.3
2016 ...	128.9	128.9	128.9	128.9	128.9	128.9	121.8	121.8	121.8	119.0	119.0	119.0	124.7
2017 ...	114.1	114.1	114.1	115.5	115.5	115.5	114.1	114.1	114.1	113.4	113.4	113.4	114.3
2018 ...	107.0	107.0	107.0	95.8	95.8	95.8	93.0	93.0	93.0	86.6	86.6	86.6	95.6

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Poultry												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9
2015 ...	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9
2016 ...	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
2017 ...	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0
2018 ...	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0
Year	Field crop seeds												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	109.9	109.9	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	112.6
2015 ...	125.0	125.0	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1
2016 ...	125.1	125.1	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	121.2
2017 ...	120.4	120.4	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.4
2018 ...	119.2	119.2	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	117.3
Year	Grass & legume seeds												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	120.3	120.3	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.1
2015 ...	122.5	122.5	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	120.3
2016 ...	119.9	119.9	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	123.3
2017 ...	124.0	124.0	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	124.9
2018 ...	125.1	125.1	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	130.0
Year	Mixed fertilizer												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	85.9	86.7	89.6	89.9	91.0	91.3	86.0	85.3	85.1	84.7	84.7	85.9	87.2	87.2
2015 ...	86.1	85.8	86.2	85.6	86.1	85.7	84.4	84.2	83.8	82.3	81.7	80.7	84.4	84.4
2016 ...	77.8	75.8	74.8	74.7	75.0	74.3	71.3	70.3	69.2	68.3	68.9	67.4	72.3	72.3
2017 ...	67.5	67.8	67.1	67.6	67.1	65.9	66.1	66.6	65.9	65.8	65.4	65.5	66.5	66.5
2018 ...	65.5	66.0	66.4	66.2	67.6	67.1	67.7	67.7	68.4	69.0	70.0	70.5	67.7	67.7
Year	Nitrogen												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	97.6	102.3	105.8	108.5	113.6	109.0	103.3	99.9	97.6	96.9	95.3	96.4	102.2	102.2
2015 ...	96.1	96.0	94.2	95.3	96.3	95.6	90.0	87.6	88.3	85.0	83.2	85.6	91.1	91.1
2016 ...	83.5	78.1	77.0	78.7	77.2	75.8	70.4	65.1	63.3	63.0	63.7	63.8	71.6	71.6
2017 ...	64.4	69.1	72.0	73.5	72.1	71.1	67.1	61.3	59.3	60.1	62.8	65.1	66.5	66.5
2018 ...	64.8	67.9	67.6	67.6	67.1	66.2	64.5	64.8	65.1	68.1	70.0	70.7	67.0	67.0
Year	Potash & phosphate												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	84.2	89.5	96.3	104.4	105.5	98.9	92.5	93.1	94.1	94.2	92.6	89.0	94.5	94.5
2015 ...	85.5	88.9	89.5	90.7	88.7	88.8	82.0	82.1	82.1	80.7	78.6	77.0	84.6	84.6
2016 ...	76.5	71.8	73.0	74.4	73.9	73.5	67.2	66.8	67.1	67.8	67.7	66.2	70.5	70.5
2017 ...	67.2	67.5	69.4	70.7	69.8	67.1	63.4	61.1	60.4	59.3	59.1	58.3	64.4	64.4
2018 ...	59.7	61.1	61.6	61.6	61.2	62.1	63.0	62.2	64.1	65.7	66.0	66.5	62.9	62.9
Year	Herbicides												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	109.9	110.6	110.2	109.1	109.1	109.0	108.8	109.3	110.1	110.0	110.0	109.8	109.7	109.7
2015 ...	99.6	106.7	106.7	107.0	107.1	107.4	108.3	108.6	108.9	109.4	109.2	109.7	107.4	107.4
2016 ...	110.2	110.4	110.7	110.8	110.9	111.1	112.2	110.3	108.3	108.4	107.0	106.3	109.7	109.7
2017 ...	104.9	111.1	111.3	110.1	105.7	106.9	104.0	103.1	103.8	103.0	105.0	107.5	106.4	106.4
2018 ...	105.5	105.4	109.2	108.6	107.4	107.4	104.4	105.8	104.0	104.0	101.2	101.5	105.4	105.4
Year	Insecticides												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2014 ...	113.3	114.0	113.5	112.2	111.9	111.6	111.1	111.4	111.9	111.6	111.4	110.9	112.1	112.1
2015 ...	100.4	107.3	107.0	107.2	107.1	107.3	107.9	108.1	108.2	108.5	108.2	108.6	107.2	107.2
2016 ...	108.9	108.9	109.1	109.0	109.0	109.1	110.1	108.0	105.9	105.9	104.4	103.6	107.7	107.7
2017 ...	102.1	108.1	108.1	106.8	102.5	103.6	100.7	99.8	100.4	99.6	101.5	103.8	103.1	103.1
2018 ...	101.8	101.7	105.2	104.7	103.5	103.5	100.6	102.0	100.3	100.3	97.6	97.9	101.6	101.6

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Fungicides & other												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	104.6	104.7	103.7	103.3	103.5	103.6	103.6	104.3	105.3	105.5	105.7	105.7	104.5
2015 ...	96.1	103.2	103.4	103.0	102.6	102.2	102.4	102.1	101.8	101.6	100.9	100.7	101.7
2016 ...	100.6	100.2	99.9	99.8	99.8	99.9	100.8	99.0	97.0	97.1	95.7	94.9	98.7
2017 ...	93.6	99.1	99.1	97.6	93.9	95.2	92.8	92.2	93.0	92.5	94.6	97.0	95.1
2018 ...	95.5	95.6	99.3	98.8	97.6	97.6	94.9	96.2	94.6	94.6	92.0	92.3	95.8
Year	Diesel												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	96.0	98.3	98.8	97.2	96.0	94.4	93.2	91.4	89.6	86.4	84.9	78.8	92.1
2015 ...	68.7	65.0	65.4	62.8	65.2	64.8	62.9	58.5	56.5	56.8	55.6	52.1	61.2
2016 ...	48.3	45.0	47.1	48.4	52.1	54.5	54.0	52.8	53.7	55.0	54.7	56.2	51.8
2017 ...	57.8	57.5	57.1	57.3	56.4	54.9	54.1	55.8	59.4	59.2	61.1	60.6	57.6
2018 ...	62.4	62.4	60.7	62.9	65.5	66.1	65.7	65.4	66.3	68.4	67.1	63.5	64.7
Year	Gasoline												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	106.8	109.7	99.3	119.2	118.0	116.7	112.6	107.1	103.1	94.8	85.9	74.2	104.0
2015 ...	61.2	62.7	68.2	68.3	74.8	76.9	76.6	72.4	65.3	63.2	59.7	56.6	67.2
2016 ...	54.2	49.2	54.4	58.2	62.2	64.7	61.4	59.8	60.9	61.7	60.0	61.8	59.0
2017 ...	64.2	63.0	63.5	65.5	64.5	63.0	61.4	63.1	69.4	65.5	66.5	64.0	64.5
2018 ...	65.4	65.9	65.5	69.5	72.2	71.8	70.8	70.5	70.5	71.2	66.2	59.4	68.2
Year	LP Gas												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	130.5	133.7	98.2	106.3	105.5	111.5	115.5	118.2	127.9	117.5	104.5	75.4	112.1
2015 ...	66.8	82.9	81.2	81.5	69.6	57.3	60.4	55.1	66.6	66.1	62.9	56.4	67.2
2016 ...	48.9	54.4	65.3	65.0	72.2	69.7	64.6	59.7	64.6	73.5	67.7	78.7	65.4
2017 ...	91.0	91.3	71.6	74.2	71.7	64.8	69.6	79.9	91.6	94.4	96.8	92.4	82.4
2018 ...	85.0	76.1	70.9	73.9	82.5	79.1	84.4	87.6	95.1	86.2	67.0	60.9	79.1
Year	Supplies												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	104.7	105.3	105.4	105.8	105.9	106.0	106.3	106.2	106.1	106.3	106.3	106.2	105.9
2015 ...	106.3	106.2	106.1	106.3	106.3	106.1	105.9	106.0	106.1	106.0	105.9	106.0	106.1
2016 ...	106.2	106.1	106.2	106.2	106.3	106.2	106.2	106.3	106.4	106.5	106.5	106.5	106.3
2017 ...	106.6	106.7	106.9	107.0	107.2	107.6	107.8	107.9	108.1	108.1	108.3	108.8	107.6
2018 ...	109.3	109.5	109.9	110.5	110.7	111.2	111.7	112.6	113.3	113.2	113.2	113.3	111.5
Year	Repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	104.3	104.4	104.7	105.8	105.8	105.8	106.0	106.0	106.0	106.1	106.1	106.1	105.6
2015 ...	106.4	106.4	106.4	105.9	105.8	105.8	105.3	105.2	105.1	105.1	105.2	105.2	105.7
2016 ...	105.4	105.2	105.2	105.3	105.0	105.0	105.7	106.6	106.4	106.9	106.9	107.0	105.9
2017 ...	106.7	106.7	106.7	107.8	108.0	108.0	108.5	108.5	108.5	108.8	108.8	108.8	108.0
2018 ...	109.0	108.9	109.0	110.3	111.0	111.2	112.2	113.1	113.3	113.5	113.5	113.5	111.5
Year	Autos												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	101.7	102.0	101.8	102.0	102.0	101.6	101.5	101.1	101.1	101.4	101.5	101.5	101.6
2015 ...	101.5	102.0	102.1	102.1	102.1	102.1	101.5	101.2	101.0	100.9	100.9	101.0	101.5
2016 ...	101.5	102.0	101.8	101.5	101.3	100.9	100.7	100.4	100.3	100.6	100.7	100.8	101.0
2017 ...	102.0	102.1	101.7	101.6	101.2	100.6	99.6	99.2	98.6	98.5	99.0	99.7	100.3
2018 ...	100.1	100.0	99.9	99.5	99.8	100.0	100.0	99.7	99.7	99.6	99.8	99.9	99.8
Year	Trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	104.2	104.7	104.6	105.0	105.0	104.5	104.6	104.7	104.7	105.1	105.2	105.4	104.8
2015 ...	105.4	105.9	106.2	106.5	106.6	106.5	106.2	105.9	105.9	105.8	106.2	106.2	106.1
2016 ...	106.6	107.1	107.3	107.2	107.0	106.8	106.7	106.3	106.3	106.6	106.6	106.8	106.8
2017 ...	107.9	107.8	107.6	107.7	107.6	107.0	106.4	106.2	105.8	105.8	105.9	106.7	106.9
2018 ...	107.0	106.8	106.8	106.3	106.5	106.6	106.5	106.2	105.8	105.7	105.8	106.0	106.3

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Tractors												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	110.9	108.0	108.0	108.0	107.9	107.9	107.8	107.8	107.9	107.9	107.9	107.8	108.2
2015 ...	107.8	109.6	109.5	109.5	109.5	109.6	109.6	109.6	109.6	110.4	110.5	110.5	109.6
2016 ...	110.5	110.6	110.6	110.7	110.8	110.9	111.0	111.1	111.2	111.5	112.1	112.5	111.1
2017 ...	112.6	112.7	112.8	112.8	112.6	112.8	112.7	112.5	112.2	112.0	112.9	112.7	112.6
2018 ...	112.5	112.3	112.1	112.1	112.1	112.3	112.3	112.3	112.4	112.4	116.0	116.0	112.9
Year	Self-propelled												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	112.4	112.9	112.6	113.5	114.0	114.6	115.1	115.8	114.6	115.2	115.8	116.3	114.4
2015 ...	117.6	118.1	118.7	118.8	118.5	118.2	117.9	117.6	117.3	117.5	118.4	118.1	118.1
2016 ...	117.8	118.3	118.0	118.2	118.2	118.2	118.4	118.6	118.7	120.0	120.2	120.2	118.7
2017 ...	120.5	120.6	120.8	120.6	120.4	120.3	120.3	120.3	121.0	121.0	120.9	120.8	120.6
2018 ...	120.8	120.7	120.6	120.6	120.6	120.6	122.1	122.1	122.1	124.6	124.7	124.7	122.0
Year	Other machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	109.5	110.4	111.1	111.7	111.8	111.9	112.1	112.1	112.2	112.3	112.5	112.9	111.7
2015 ...	114.6	114.5	114.7	114.4	114.2	113.8	113.7	113.5	113.3	113.2	113.0	112.8	113.8
2016 ...	113.0	112.9	112.7	113.0	113.3	114.1	114.6	114.9	115.3	115.7	116.0	116.3	114.3
2017 ...	116.9	117.3	117.6	117.5	117.5	117.6	117.6	117.4	117.5	117.5	117.6	117.8	117.5
2018 ...	118.8	117.9	118.3	118.3	118.9	118.9	119.3	119.3	119.6	119.6	120.0	121.3	119.2
Year	Custom rates												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3
2015 ...	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
2016 ...	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
2017 ...	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3
2018 ...	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3
Year	Other services												Average <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	108.3	108.3	108.4	108.0	109.0	110.3	110.3	110.3	109.9	109.0	108.7	108.8	109.1
2015 ...	113.8	113.7	113.3	113.6	113.7	114.8	114.6	114.6	114.4	113.5	113.2	113.0	113.9
2016 ...	115.6	115.6	115.6	115.9	115.6	116.6	116.8	116.7	116.6	116.0	115.6	116.1	116.1
2017 ...	111.3	111.4	111.2	111.5	111.9	112.8	113.1	113.1	113.2	112.3	112.2	112.4	112.2
2018 ...	113.5	113.7	113.9	113.8	114.4	115.1	115.3	115.4	115.4	115.0	114.9	115.1	114.6
Year	Cash rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
2015 ...	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0	137.0
2016 ...	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4
2017 ...	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4
2018 ...	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
Year	Share rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
2015 ...	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6
2016 ...	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
2017 ...	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
2018 ...	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8

<sup>1</sup> Weighted index using 5-year average production expenditures.

# Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018

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

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	2949	2966	2995	3044	3062	3080	3064	3041	3062	3040	3043	3029	3031
2015 ...	3038	3025	3037	3030	3025	3029	3017	2999	2964	2964	2933	2890	2996
2016 ...	2908	2897	2901	2890	2894	2903	2875	2857	2821	2803	2812	2833	2866
2017 ...	2869	2881	2886	2890	2891	2887	2882	2862	2872	2891	2898	2906	2884
2018 ...	2929	2949	2949	2940	2950	2943	2945	2948	2947	2960	2950	2955	2947
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	3096	3115	3147	3204	3224	3245	3226	3199	3224	3199	3205	3191	3190
2015 ...	3203	3186	3197	3188	3179	3183	3169	3147	3106	3106	3069	3018	3146
2016 ...	3039	3026	3028	3013	3017	3026	2992	2970	2926	2904	2916	2940	2983
2017 ...	2981	2994	2999	3003	3004	2998	2992	2967	2978	3000	3009	3018	2995
2018 ...	3043	3065	3064	3051	3061	3052	3054	3057	3056	3071	3060	3067	3058
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	2294	2310	2337	2390	2407	2425	2409	2386	2407	2383	2388	2377	2376
2015 ...	2380	2365	2375	2371	2364	2367	2352	2333	2298	2292	2261	2218	2331
2016 ...	2229	2217	2219	2208	2211	2218	2186	2167	2129	2107	2117	2138	2179
2017 ...	2161	2173	2177	2184	2184	2179	2174	2153	2162	2178	2185	2193	2175
2018 ...	2195	2213	2213	2208	2217	2208	2200	2203	2202	2211	2202	2208	2207
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	1235	1245	1279	1336	1348	1347	1280	1249	1280	1167	1201	1224	1266
2015 ...	1206	1197	1195	1171	1151	1158	1182	1183	1167	1157	1135	1119	1168
2016 ...	1112	1107	1107	1106	1154	1204	1173	1131	1095	1074	1066	1080	1118
2017 ...	1061	1072	1071	1064	1057	1041	1046	1030	1021	1027	1017	1029	1045
2018 ...	1038	1079	1093	1110	1128	1108	1090	1090	1060	1054	1054	1068	1081
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	2528	2549	2640	2816	2859	3027	3202	3146	3238	3487	3484	3405	3032
2015 ...	3168	3000	3092	3146	3136	3146	3004	2909	2676	2715	2564	2289	2904
2016 ...	2364	2358	2385	2280	2160	2067	1968	1995	1844	1732	1836	1925	2076
2017 ...	2008	1992	2034	2074	2129	2133	2120	2026	2086	2199	2242	2243	2107
2018 ...	2232	2251	2180	2069	2039	2007	1990	1989	2052	2123	2078	2094	2092
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	3643	3643	3746	3746	3746	3746	3746	3746	3746	3746	3746	3746	3729
2015 ...	4099	4099	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096
2016 ...	4096	4096	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3990
2017 ...	3969	3969	3934	3934	3934	3934	3934	3934	3934	3934	3934	3934	3940
2018 ...	3934	3934	3885	3885	3885	3885	3885	3885	3885	3885	3885	3885	3893
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	1091	1128	1172	1201	1234	1202	1134	1114	1104	1098	1087	1093	1138
2015 ...	1086	1089	1084	1088	1093	1087	1041	1028	1029	1001	986	990	1050
2016 ...	964	917	909	919	912	901	847	814	800	795	801	791	864
2017 ...	797	823	836	849	838	822	796	766	751	752	764	775	797
2018 ...	775	796	797	797	800	795	791	791	800	821	836	843	804
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	987	993	988	979	978	977	975	980	986	986	985	983	983
2015 ...	892	955	955	956	956	958	964	966	967	971	968	972	957
2016 ...	975	976	977	977	978	979	989	972	953	954	942	935	967
2017 ...	922	976	977	966	928	939	913	905	912	905	923	945	934
2018 ...	927	926	960	955	944	944	918	930	915	915	890	893	926

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Fuels												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	2911	2983	2764	2891	2858	2852	2825	2775	2766	2611	2473	2162	2739
2015 ...	1870	1890	1920	1877	1901	1849	1828	1703	1679	1670	1614	1503	1775
2016 ...	1388	1328	1445	1490	1611	1655	1605	1550	1596	1665	1622	1711	1556
2017 ...	1810	1799	1704	1731	1697	1629	1630	1717	1872	1858	1909	1865	1768
2018 ...	1869	1831	1775	1850	1952	1944	1956	1964	2014	2013	1871	1740	1898
Year	Supplies & repairs												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	1232	1235	1238	1248	1248	1249	1251	1252	1251	1252	1253	1252	1247
2015 ...	1255	1254	1254	1251	1250	1249	1245	1244	1244	1243	1244	1244	1248
2016 ...	1246	1244	1245	1245	1244	1244	1249	1256	1255	1259	1260	1260	1251
2017 ...	1258	1258	1259	1269	1271	1272	1277	1277	1278	1281	1281	1283	1272
2018 ...	1287	1287	1290	1302	1308	1312	1321	1332	1336	1337	1338	1338	1316
Year	Autos & trucks												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	3193	3207	3205	3216	3215	3201	3204	3204	3205	3214	3220	3224	3209
2015 ...	3223	3240	3248	3257	3258	3257	3246	3235	3234	3233	3243	3242	3243
2016 ...	3255	3272	3277	3272	3267	3259	3255	3245	3243	3253	3253	3260	3259
2017 ...	3292	3292	3284	3286	3281	3264	3244	3237	3224	3222	3229	3252	3259
2018 ...	3261	3255	3255	3241	3246	3250	3247	3239	3227	3223	3229	3235	3242
Year	Machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	6783	6775	6785	6820	6835	6851	6867	6882	6859	6875	6892	6913	6845
2015 ...	6986	7021	7037	7032	7020	7004	6995	6983	6970	6987	7005	6991	7003
2016 ...	6990	7001	6988	7001	7011	7030	7047	7062	7074	7119	7138	7152	7051
2017 ...	7174	7187	7199	7192	7186	7188	7187	7180	7195	7193	7203	7203	7190
2018 ...	7225	7197	7203	7203	7218	7221	7266	7266	7274	7335	7393	7425	7269
Year	Building materials												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	2458	2468	2477	2479	2486	2486	2489	2495	2498	2499	2498	2497	2486
2015 ...	2503	2503	2503	2508	2505	2503	2501	2492	2487	2489	2488	2484	2497
2016 ...	2487	2487	2490	2496	2500	2505	2511	2518	2514	2511	2511	2515	2504
2017 ...	2531	2542	2549	2562	2565	2567	2566	2576	2580	2591	2596	2599	2569
2018 ...	2620	2637	2671	2683	2712	2722	2726	2724	2731	2733	2724	2725	2701
Year	Services & rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2014 ...	2350	2350	2352	2347	2358	2373	2373	2373	2369	2359	2355	2356	2360
2015 ...	2553	2552	2547	2551	2551	2564	2563	2562	2560	2550	2546	2543	2554
2016 ...	2518	2519	2519	2522	2519	2530	2532	2531	2530	2523	2519	2524	2524
2017 ...	2475	2477	2474	2478	2482	2492	2496	2496	2497	2487	2486	2488	2486
2018 ...	2461	2462	2465	2464	2471	2478	2481	2482	2483	2478	2476	2479	2473

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2014-2018 (continued)**

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

Year	Interest												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	3394	3394	3394	3394	3394	3394	3394	3394	3394	3394	3394	3394	3394
2015 ...	3587	3587	3587	3587	3587	3587	3587	3587	3587	3587	3587	3587	3587
2016 ...	3789	3789	3789	3789	3789	3789	3789	3789	3789	3789	3789	3789	3789
2017 ...	4082	4082	4082	4082	4082	4082	4082	4082	4082	4082	4082	4082	4082
2018 ...	4325	4325	4325	4325	4325	4325	4325	4325	4325	4325	4325	4325	4325
Year	Taxes												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904
2015 ...	6520	6520	6520	6520	6520	6520	6520	6520	6520	6520	6520	6520	6520
2016 ...	6808	6808	6808	6808	6808	6808	6808	6808	6808	6808	6808	6808	6808
2017 ...	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904	6904
2018 ...	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952
Year	Wage rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	7826	7826	7826	7686	7686	7686	7654	7654	7654	7756	7756	7756	7731
2015 ...	8018	8018	8018	7858	7858	7858	7980	7980	7980	8204	8204	8204	8015
2016 ...	8210	8210	8210	8159	8159	8159	8332	8332	8332	8479	8479	8479	8295
2017 ...	8594	8594	8594	8466	8466	8466	8466	8466	8466	8588	8588	8588	8529
2018 ...	9010	9010	9010	8780	8780	8780	9138	9138	9138	9260	9260	9260	9047
Year	Family living												
	January	February	March	April	May	June	July	August	September	October	November	December	Average <sup>1</sup>
2014 ...	2222	2230	2245	2252	2260	2264	2263	2259	2261	2255	2243	2231	2249
2015 ...	2220	2230	2243	2248	2259	2267	2267	2264	2260	2259	2255	2247	2252
2016 ...	2251	2252	2262	2273	2282	2290	2286	2288	2293	2296	2293	2293	2280
2017 ...	2307	2314	2316	2323	2325	2327	2325	2332	2345	2343	2343	2342	2328
2018 ...	2355	2365	2371	2380	2390	2394	2394	2395	2398	2402	2394	2387	2385
Year	Commodities, services, interest, taxes, and wage rates Adjusted for productivity												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	1435	1438	1444	1444	1448	1451	1447	1443	1446	1448	1447	1444	1445
2015 ...	1441	1441	1444	1434	1434	1436	1441	1438	1432	1446	1441	1433	1438
2016 ...	1409	1407	1409	1406	1407	1409	1415	1412	1408	1414	1415	1418	1411
2017 ...	1489	1491	1492	1486	1486	1486	1485	1482	1485	1495	1496	1497	1489
2018 ...	1609	1613	1613	1598	1600	1600	1624	1624	1625	1635	1633	1633	1617
Year	Parity ratio <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	35	37	38	39	39	38	37	37	36	34	35	35	37
2015 ...	33	34	35	35	37	36	34	35	34	31	33	32	34
2016 ...	32	33	33	33	34	33	33	32	32	30	31	32	32
2017 ...	31	33	34	34	36	35	34	34	33	31	33	33	33
2018 ...	30	32	33	33	33	33	32	31	31	30	31	31	32
Year	Adjusted parity ratio (PPITW) <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2014 ...	36	38	39	40	40	39	38	38	37	35	36	35	37
2015 ...	34	35	36	36	38	37	35	36	35	32	34	33	35
2016 ...	33	34	34	34	35	34	34	33	33	31	32	33	34
2017 ...	32	34	35	35	37	36	35	35	34	32	34	34	34
2018 ...	31	33	34	34	34	34	33	32	32	31	32	32	32

<sup>1</sup> Weighted index using 5-year average production expenditures.

<sup>2</sup> Ratio of index of prices received to index of prices paid for commodities, services, interest, taxes, and wage rates.

<sup>3</sup> Ratio of the index of prices received after adjustment for government payments to the index of prices paid for commodities, services, interest, taxes, and wage rates.

## Feed Ratios Monthly and Annual Average – United States: 2014-2018

[Annual average is a simple average of monthly ratios, January through December]

Year	Broiler <sup>1</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	4.2	4.0	4.6	4.6	4.9	4.8	4.9	4.8	5.9	6.1	5.8	5.2	5.0
2015	5.4	5.0	5.4	6.0	6.2	5.9	4.7	4.4	4.2	4.1	4.3	4.7	5.0
2016	5.1	4.8	5.0	5.1	5.3	5.1	4.7	4.3	4.2	3.7	4.4	4.7	4.7
2017	4.7	4.6	5.3	5.7	6.6	6.7	6.1	5.5	5.1	4.9	5.0	5.1	5.4
2018	5.3	5.1	5.7	6.1	6.7	7.0	6.7	5.2	4.8	4.8	5.2	5.3	5.7
Year	Market Egg <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	8.0	10.9	8.8	8.9	7.9	7.3	9.6	8.6	8.9	10.5	15.1	17.6	10.2
2015	11.3	12.1	15.3	9.6	18.2	21.9	19.6	26.5	20.7	14.7	22.8	12.2	17.1
2016	11.4	10.2	8.8	4.6	2.7	2.5	4.0	4.4	3.9	2.6	3.7	12.1	5.9
2017	6.7	4.3	6.4	4.5	4.2	4.5	6.9	6.1	10.9	8.3	15.3	14.4	7.7
2018	11.6	12.8	22.2	11.3	6.9	9.3	10.6	11.0	8.7	8.5	11.8	11.8	11.3
Year	Turkey <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	5.2	5.4	5.3	5.1	5.4	5.6	6.2	6.8	7.6	8.3	8.1	7.1	6.3
2015	6.3	6.6	6.8	7.1	7.9	8.4	8.5	9.4	10.0	10.6	10.2	9.8	8.5
2016	8.7	9.0	9.0	9.2	8.8	8.9	9.3	9.5	10.3	9.9	9.3	8.4	9.2
2017	7.6	7.3	7.5	7.5	7.7	7.4	7.3	7.2	6.9	7.1	6.5	6.0	7.2
2018	5.7	5.5	5.2	5.2	5.1	5.3	5.7	5.8	5.9	5.7	6.0	5.5	5.6
Year	Milk <sup>4</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	2.46	2.58	2.54	2.42	2.23	2.19	2.36	2.63	2.96	2.92	2.75	2.40	2.54
2015	2.10	2.06	2.01	2.00	1.99	2.06	2.00	2.11	2.25	2.30	2.46	2.29	2.14
2016	2.18	2.18	2.12	1.99	1.90	1.92	2.16	2.44	2.49	2.38	2.59	2.73	2.26
2017	2.71	2.61	2.40	2.22	2.20	2.31	2.27	2.51	2.46	2.47	2.54	2.38	2.42
2018	2.18	2.03	1.98	1.90	1.90	1.98	1.92	2.03	2.10	2.20	2.18	2.04	2.04
Year	Hog-Corn <sup>5</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	13.8	15.1	18.1	18.9	17.6	18.8	23.0	22.9	21.7	21.6	18.5	17.0	18.9
2015	15.0	13.3	13.2	13.1	16.2	16.7	15.4	16.0	14.8	15.1	12.8	11.7	14.4
2016	11.9	13.9	14.0	14.3	15.5	15.9	16.5	16.4	14.8	12.7	12.0	13.0	14.2
2017	14.1	15.8	15.2	14.1	15.5	18.1	19.3	18.8	15.0	14.5	15.9	15.0	15.9
2018	16.0	16.2	14.2	12.7	14.0	16.5	16.9	13.2	12.7	14.8	13.5	12.3	14.6
Year	Steer & Heifer-Corn <sup>6</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	31.7	33.3	33.2	31.8	31.2	32.9	38.7	43.8	45.3	45.7	46.9	43.8	38.2
2015	43.5	42.5	42.5	43.7	44.2	43.5	39.5	40.5	38.0	35.1	36.5	33.7	40.3
2016	36.1	37.4	38.5	37.4	35.1	33.2	33.3	36.8	33.9	31.0	32.7	34.0	34.9
2017	35.0	35.2	36.4	37.9	40.0	38.8	34.7	35.2	32.7	34.0	38.4	37.2	36.3
2018	37.4	37.6	36.2	34.1	33.2	31.6	32.3	33.3	32.4	32.8	33.7	33.6	34.1

<sup>1</sup> The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 58 percent corn and 42 percent soybeans.

<sup>2</sup> The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 75 percent corn and 25 percent soybeans.

<sup>3</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed ration uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

<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 ration uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

<sup>5</sup> Number of bushels of corn equal in value to 100 pounds of all hogs, live weight.

<sup>6</sup> Number of bushels of corn equal in value to 100 pounds of steers & heifers, live weight.

## 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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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

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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_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](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](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](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](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateFeb2016.pdf)



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