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## September Prices Received Index Decreased 1.5 Percent

The September Prices Received Index (Agricultural Production), at 88.2, decreased 1.5 percent from August 2018. At 88.1, the Crop Production Index decreased 2.0 percent. The Livestock Production Index, at 88.3, decreased 1.1 percent. Producers received lower prices for broilers, market eggs, cattle, and grapes but higher prices for milk, apples, strawberries, and sweet corn. Compared with a year earlier, the Prices Received Index is down 4.6 percent. The Crop Production Index decreased 2.0 percent and the Livestock Production Index decreased 6.9 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Decreased marketing of cattle, wheat, cotton, and peaches offset the increased monthly movement of soybeans, corn, apples, and dry beans. The Food Commodities Index, at 90.6, decreased 1.5 percent from the previous month and 6.9 percent from September 2017.

## September Prices Paid Index Down 0.2 Percent

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 108.5, is down 0.2 percent from August 2018 but up 2.3 percent from September 2017. Lower prices in September for concentrates, complete feeds, herbicides, and insecticides more than offset higher prices for feeder cattle, feeder pigs, LP gas, and hay and forages.

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

Index Group	September 2017	August 2018	September 2018
	(percent)	(percent)	(percent)
Prices received by farmers .....	92.5	89.5	88.2
Prices paid by farmers .....	106.1	108.7	108.5
Ratio of prices received to prices paid .....	88	83	81

- Represents zero.

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

(NA) Not available.

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

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## September Prices Received by Farmers

The September Prices Received Index for agricultural production is 88.2 percent of its 2011 base, down 1.5 percent from the August 2018 index and 4.6 percent from the September 2017 index.

**Crop production:** The September index, at 88.1, is 2.0 percent lower than August and September 2017. The vegetable & melon and grain & oilseed index decreases more than offset the other crop and fruit & tree nut index increases.

**Grain and oilseed:** The September index, at 64.9, is down 0.6 percent from August but up 0.8 percent from September 2017. Feed grain and food grain index decreases more than offset the oilseed index increase.

**Feed grain:** The September index, at 57.4, decreased 1.4 percent from last month but increased 3.4 percent from a year ago. The corn price, at \$3.39 per bushel, is up 3 cents from last month and 12 cents from September 2017. At \$6.09 per cwt, sorghum grain is 39 cents below August but 29 cents above September a year earlier.

**Food grain:** At 73.3, the index for September is down 2.0 percent from the previous month but up 7.5 percent from a year ago. The September price for all wheat, at \$5.15 per bushel, is 15 cents lower than August but 50 cents higher than September 2017.

**Oilseed:** At 70.5, the index for September increased 0.6 percent from August but decreased 6.3 percent from September 2017. The soybean price, at \$8.77 per bushel, 18 cents higher than August but 58 cents lower than September a year earlier.

**Fruit and tree nut:** The September index, at 131.0, is up 1.1 percent from August but down 4.3 percent from a year earlier. September price increases for apples, strawberries, and oranges offset price decreases for grapes and peaches.

**Vegetable and melon:** At 90.7, the index for September decreased 2.6 percent from the previous month and 14 percent from September 2017. Price decreases during September for onions, lettuce, potatoes, and broccoli more than offset price increases for sweet corn, cantaloupes, cauliflower, and celery.

**Other crop:** The September index, at 96.8, is up 5.2 percent from the previous month and 12 percent from September 2017. The all hay price, at \$163.00 per ton, is \$2.00 higher than August and \$26.00 higher than September 2017. At 71.0 cents per pound, the price for upland cotton is 1.3 cents higher than August and 6.9 cents higher than September 2017.

**Livestock production:** The index for September, at 88.3, decreased 1.1 percent from the previous month and 6.9 percent from September a year earlier. Prices for broilers, market eggs, milk, hogs, turkeys, calves, and lambs are all lower than a year earlier, while prices are higher for cattle compared to a year ago.

**Meat animal:** At 88.7, the September index is down 2.0 percent from the previous month and 1.4 percent from a year earlier. At \$43.20 per cwt, the September hog price is \$1.10 lower than August and \$5.70 lower than a year earlier. The September beef cattle price of \$108.00 per cwt is \$2.00 lower than the previous month but \$3.00 higher than September 2017.

**Dairy:** The index for September, at 83.1, is up 5.1 percent from the previous month but down 6.7 percent from September a year ago. The September all milk price of \$16.70 per cwt is 80 cents higher than August but \$1.20 lower than September 2017.

**Poultry and egg:** At 96.8, the September index is decreased 7.0 percent from August and 12 percent from September 2017. The September market egg price, at 71.2 cents per dozen, is 18.0 cents lower than August and 18.9 cents lower than September 2017. The September broiler price, at 46.0 cents per pound, is down 3.0 cents from August and 5.0 cents from a year ago. At 53.1 cents per pound, the September turkey price is 1.4 cents higher than the previous month but 9.2 cents lower than September 2017.

## Prices Received Indexes, 2011 Base – United States: September 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		
	September 2017	August 2018	September 2018
	(percent)	(percent)	(percent)
Agricultural production .....	92.5	89.5	88.2
Crop production .....	89.9	89.9	88.1
Grain and oilseed .....	64.4	65.3	64.9
Feed grain .....	55.5	58.2	57.4
Food grain .....	68.2	74.8	73.3
Oilseed .....	75.2	70.1	70.5
Fruit and tree nut .....	136.9	129.6	131.0
Vegetable and melon .....	106.0	93.1	90.7
Other crop .....	86.8	92.0	96.8
Livestock production .....	94.8	89.3	88.3
Meat animal .....	90.0	90.5	88.7
Cattle .....	94.0	96.5	95.7
Hog .....	73.5	66.6	65.0
Dairy .....	89.1	79.1	83.1
Poultry and egg .....	109.4	104.1	96.8
Food commodity .....	97.3	92.0	90.6

## Prices Received Indexes, 1910-1914 Base – United States: September 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		
	September 2017	August 2018	September 2018
	(percent)	(percent)	(percent)
Agricultural production .....	955	924	910
Crop production .....	784	784	768
Livestock production .....	1101	1037	1025

## 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	86.8	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		82.7		94.3		93.7	
November .....	91.4		81.9		101.8		100.7	
December .....	92.1		84.7		99.6		99.5	

## 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	104.8	108.0
April .....	106.8	108.7	104.9	106.1	108.5	109.7	105.1	107.5
May .....	106.8	109.0	104.9	106.5	108.2	110.0	105.4	108.0
June .....	106.7	108.9	104.7	106.3	108.2	110.0	105.1	107.5
July .....	106.5	108.7	104.5	106.1	107.9	110.1	105.0	107.2
August .....	105.7	108.7	103.4	106.0	107.6	110.1	103.8	107.1
September .....	106.1	108.5	103.8	105.7	107.8	110.1	104.4	106.7
October .....	106.8		104.6		108.0		105.6	
November .....	107.1		105.0		108.3		105.9	
December .....	107.4		105.4		108.5		106.2	

## Prices Received for Field Crops and Fruits – United States: September 2018 with Comparisons

Commodity	2011 Base Price	September 2017	August 2018	September 2018
<b>Field crops</b>				
Austrian winter peas ..... dollars/cwt	19.50	(D)	(D)	(D)
Barley, all ..... dollars/bushel	4.79	4.32	4.53	4.49
Feed ..... dollars/bushel	4.59	2.62	3.11	3.15
Malting ..... dollars/bushel	4.83	4.64	4.68	4.75
Beans, dry edible ..... dollars/cwt	34.60	27.10	26.30	25.70
Canola ..... dollars/cwt	23.10	17.30	15.30	15.20
Chickpeas, all ..... dollars/cwt	35.70	31.20	33.50	23.10
Large ..... dollars/cwt	39.20	34.50	36.30	23.00
Small ..... dollars/cwt	23.40	27.90	25.70	23.20
Corn ..... dollars/bushel	6.02	3.27	3.36	3.39
Cotton, Upland ..... dollars/pound	0.880	0.641	0.697	0.710
Cottonseed ..... dollars/ton	131.00	127.00	134.00	141.00
Flaxseed ..... dollars/bushel	14.20	9.55	10.20	9.79
Hay, all, baled ..... dollars/ton	159.00	137.00	161.00	163.00
Alfalfa ..... dollars/ton	176.00	149.00	177.00	180.00
Other ..... dollars/ton	119.00	114.00	130.00	130.00
Lentils ..... dollars/cwt	27.50	25.90	18.00	23.00
Oats ..... dollars/bushel	3.42	2.56	2.47	2.62
Peanuts, in-shell ..... dollars/pound	0.252	0.230	0.220	0.222
Peas, dry edible ..... dollars/cwt	13.60	12.90	10.10	11.30
Rice, all ..... dollars/cwt	13.70	11.50	13.90	12.20
Long ..... dollars/cwt	12.30	11.00	11.90	11.40
Medium and short ..... dollars/cwt	18.40	13.60	18.20	16.50
Sorghum grain ..... dollars/cwt	10.70	5.80	6.48	6.09
Soybeans ..... dollars/bushel	12.50	9.35	8.59	8.77
Sunflowers, all ..... dollars/cwt	29.00	17.40	16.90	16.70
Wheat, all ..... dollars/bushel	7.44	4.65	5.30	5.15
Winter ..... dollars/bushel	6.93	4.11	5.23	5.14
Durum ..... dollars/bushel	9.22	6.31	5.05	5.00
Other spring ..... dollars/bushel	8.33	5.62	5.40	5.16
Hard red winter ..... dollars/bushel	7.07	3.82	5.24	5.10
Soft red winter ..... dollars/bushel	6.77	4.33	5.15	4.79
Hard red spring ..... dollars/bushel	8.38	5.75	5.43	5.16
White ..... dollars/bushel	6.58	4.55	5.23	5.21
<b>Fruits</b>				
<b>Citrus, equivalent on-tree</b>				
Grapefruit ..... dollars/box	7.47	14.66	9.57	14.82
Lemons ..... dollars/box	12.30	29.58	53.01	53.26
Oranges ..... dollars/box	8.16	20.52	17.78	21.18
<b>Non-citrus, fresh</b>				
Apples <sup>1</sup> ..... dollars/pound	0.325	0.591	0.297	0.467
Grapes <sup>1</sup> ..... dollars/ton	628.00	1,500.00	1,310.00	1,210.00
Peaches <sup>1</sup> ..... dollars/ton	507.00	1,310.00	1,110.00	918.00
Pears <sup>1</sup> ..... dollars/ton	559.00	829.00	688.00	660.00
Strawberries ..... dollars/cwt	104.00	109.00	50.50	84.00

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

<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: September 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	September 2017	August 2018	September 2018
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....	dollars/cwt 37.50	(NA)	(S)	(S)
Beans, snap .....	dollars/cwt 69.00	64.70	(S)	(S)
Broccoli .....	dollars/cwt 41.60	82.10	53.90	51.40
Cantaloupes .....	dollars/cwt 16.50	24.10	16.90	20.00
Carrots .....	dollars/cwt 30.80	30.80	25.80	26.30
Cauliflower .....	dollars/cwt 47.00	49.90	39.80	45.30
Celery .....	dollars/cwt 22.50	17.30	16.80	18.60
Corn, sweet .....	dollars/cwt 30.70	21.30	24.40	30.50
Cucumbers .....	dollars/cwt 18.70	17.50	17.80	19.10
Lettuce .....	dollars/cwt 24.30	31.70	27.80	25.90
Onions <sup>2</sup> .....	dollars/cwt 11.90	16.40	15.20	11.20
Potatoes .....	dollars/cwt 14.30	13.86	11.20	9.44
Tomatoes .....	dollars/cwt 51.20	37.20	29.90	29.00
<b>Livestock</b>				
Calves .....	dollars/cwt 142.00	173.00	160.00	169.00
Cattle, all beef .....	dollars/cwt 115.00	105.00	110.00	108.00
Cows <sup>3</sup> .....	dollars/cwt 71.60	69.90	63.00	60.80
Steers and heifers .....	dollars/cwt 117.00	107.00	112.00	110.00
Milk cows <sup>4</sup> .....	dollars/head 1,420.00	(NA)	(NA)	(NA)
Hogs, all .....	dollars/cwt 66.50	48.90	44.30	43.20
Barrows and gilts .....	dollars/cwt 66.80	49.00	44.70	43.70
Sows .....	dollars/cwt 57.90	45.50	34.00	28.60
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....	dollars/cwt 20.10	17.90	15.90	16.70
Fat test .....	percent 3.71	3.81	3.74	3.81
Broilers, live <sup>6</sup> .....	dollars/pound 0.459	0.510	0.490	0.460
Eggs, all <sup>7</sup> .....	dollars/dozen 0.969	1.09	1.09	0.936
Market <sup>7 8</sup> .....	dollars/dozen 0.796	0.901	0.892	0.712
Turkeys, live <sup>9</sup> .....	dollars/pound 0.680	0.623	0.517	0.531
<b>Adjusted for seasonal variation</b>				
Eggs, all .....	dollars/dozen 0.979	1.08	1.01	0.915
Seasonal factor .....	percent 101	101	108	102
Milk, all .....	dollars/cwt 20.20	17.00	15.80	15.90
Seasonal factor .....	percent 100	105	101	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)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January .....	4.82	4.01	4.65	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		3.29	3.26		9.30	9.18	
November ....	3.88	4.72		3.24	3.15		9.47	9.22	
December ....	3.90	4.50		3.32	3.23		9.64	9.30	

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

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

Month	Beef cattle <sup>1</sup>			All hogs <sup>2</sup>		
	2016	2017	2018	2016	2017	2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January .....	130.00	117.00	120.00	43.60	48.10	52.50
February .....	132.00	119.00	125.00	49.60	54.40	54.60
March .....	135.00	125.00	125.00	50.00	53.00	50.00
April .....	131.00	128.00	119.00	51.00	48.40	45.30
May .....	128.00	136.00	120.00	57.20	53.60	51.50
June .....	125.00	132.00	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		41.70	47.30	
November .....	104.00	119.00		39.00	50.00	
December .....	111.00	118.00		43.10	48.60	

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

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

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

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(S)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(S)
Colorado .....	3.42	5.07	4.67
Idaho .....	4.54	5.11	5.12
Illinois .....	4.12	5.01	3.98
Indiana .....	4.34	5.25	4.95
Kansas .....	3.55	5.16	5.04
Michigan .....	4.24	5.28	5.17
Minnesota .....	5.71	5.43	5.15
Missouri .....	4.42	4.99	4.90
Montana .....	5.14	5.32	5.21
Nebraska .....	3.36	5.06	4.82
North Carolina .....	4.59	5.01	4.97
North Dakota .....	5.70	5.27	4.98
Ohio .....	4.51	5.51	5.21
Oklahoma .....	3.48	5.65	4.90
Oregon .....	4.99	5.81	5.83
South Dakota .....	5.31	5.47	5.14
Texas .....	3.83	5.00	5.92
Washington .....	4.78	5.45	5.30
United States .....	4.65	5.30	5.15

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

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

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(S)
Colorado .....	3.35	5.07	4.67
Idaho .....	4.33	4.98	5.03
Illinois .....	4.12	5.01	3.98
Indiana .....	4.34	5.25	4.95
Kansas .....	3.55	5.16	5.04
Michigan .....	4.24	5.28	5.17
Minnesota .....	(D)	4.33	(D)
Missouri .....	4.42	4.99	4.90
Montana .....	4.15	5.22	5.13
Nebraska .....	3.36	5.06	4.82
North Carolina .....	4.59	5.01	4.97
North Dakota .....	4.60	5.18	5.03
Ohio .....	4.51	5.51	5.21
Oklahoma .....	3.48	5.65	4.90
Oregon .....	4.92	5.73	5.70
South Dakota .....	4.41	5.36	5.10
Texas .....	3.83	5.00	5.92
Washington .....	4.68	5.41	5.26
United States .....	4.11	5.23	5.14

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

### Prices Received for Durum Wheat – States and United States: September 2018 with Comparisons

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(S)
California .....	(S)	(S)	(S)
Idaho .....	6.19	(D)	(D)
Montana .....	(D)	5.39	5.62
North Dakota .....	6.40	4.95	4.83
United States .....	6.31	5.05	5.00

(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: September 2018 with Comparisons

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	(D)	(D)	(D)
Idaho .....	4.95	5.34	5.25
Minnesota .....	5.71	5.43	5.16
Montana .....	6.13	5.70	5.24
North Dakota .....	5.62	5.30	5.00
Oregon .....	5.45	6.21	6.30
South Dakota .....	5.92	5.52	5.15
Washington .....	5.40	5.69	5.50
United States .....	5.62	5.40	5.16

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

### Prices Received for Oats – States and United States: September 2018 with Comparisons

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	3.55	(D)	(S)
Iowa .....	2.52	2.61	2.73
Michigan .....	2.87	2.99	3.43
Minnesota .....	2.05	2.18	2.34
Montana .....	(D)	(S)	(S)
Nebraska .....	2.75	2.64	(D)
New York .....	(S)	(S)	2.88
North Dakota .....	2.54	2.17	2.26
Oregon .....	(D)	(S)	(D)
Pennsylvania .....	(D)	3.35	4.06
South Dakota .....	2.39	2.39	2.33
Texas .....	(S)	(S)	(S)
Wisconsin .....	2.60	2.60	2.64
United States .....	2.56	2.47	2.62

(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: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(D)	(D)
Colorado .....	4.53	4.25	(D)
Idaho .....	4.59	4.87	4.48
Minnesota .....	(D)	4.15	4.21
Montana .....	4.02	4.53	4.89
North Dakota .....	4.18	4.15	4.11
Washington .....	2.48	4.39	2.94
Wyoming .....	(D)	4.70	(D)
United States .....	4.32	4.53	4.49

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

**Prices Received for Malting Barley – States and United States: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(D)	(D)
Colorado .....	(D)	4.43	4.65
Idaho .....	4.70	4.98	4.76
Minnesota .....	(D)	4.32	4.27
Montana .....	4.33	4.61	4.97
North Dakota .....	4.71	4.38	4.40
Washington .....	(D)	(D)	(S)
Wyoming .....	(D)	4.71	(D)
United States .....	4.64	4.68	4.75

(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: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(S)
Colorado .....	2.71	(D)	(D)
Idaho .....	2.52	3.17	3.29
Minnesota .....	(S)	2.96	(D)
Montana .....	2.34	3.78	2.88
North Dakota .....	2.70	2.63	3.26
Washington .....	2.41	2.83	2.94
Wyoming .....	(D)	(D)	(D)
United States .....	2.62	3.11	3.15

(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: September 2018 with Comparisons

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama <sup>1</sup>	3.88	4.00	4.21
Alaska <sup>1</sup>	(S)	(S)	(S)
Arizona <sup>1</sup>	(D)	4.72	(S)
Arkansas <sup>1</sup>	3.58	3.92	3.65
California <sup>1</sup>	(D)	(S)	(D)
Colorado	3.37	3.41	3.47
Connecticut <sup>1</sup>	(S)	(S)	(S)
Delaware <sup>1</sup>	(S)	(S)	(D)
Florida <sup>1</sup>	(D)	(D)	(D)
Georgia <sup>1</sup>	4.16	4.11	4.13
Hawaii <sup>1</sup>	(S)	(S)	(S)
Idaho <sup>1</sup>	(D)	4.00	(D)
Illinois	3.27	3.35	3.38
Indiana	3.42	3.54	3.45
Iowa	3.21	3.27	3.29
Kansas	3.23	3.53	3.47
Kentucky	3.52	3.69	3.61
Louisiana <sup>1</sup>	3.77	3.88	3.85
Maine <sup>1</sup>	(S)	(S)	(S)
Maryland <sup>1</sup>	(D)	(D)	3.56
Massachusetts <sup>1</sup>	(D)	(S)	(S)
Michigan	3.39	3.67	3.39
Minnesota	2.99	3.21	3.10
Mississippi <sup>1</sup>	3.73	3.81	3.65
Missouri	3.25	3.50	3.44
Montana <sup>1</sup>	(S)	(D)	(D)
Nebraska	3.19	3.37	3.30
Nevada <sup>1</sup>	(S)	(S)	(S)
New Hampshire <sup>1</sup>	(S)	(S)	(S)
New Jersey <sup>1</sup>	(D)	(D)	(D)
New Mexico <sup>1</sup>	(S)	(S)	(D)
New York <sup>1</sup>	(D)	4.15	4.24
North Carolina	4.13	(D)	4.23
North Dakota	2.85	3.09	3.20
Ohio	3.49	3.55	3.46
Oklahoma <sup>1</sup>	3.30	3.80	3.78
Oregon <sup>1</sup>	(S)	(S)	(S)
Pennsylvania	3.75	4.09	3.76
Rhode Island <sup>1</sup>	(S)	(S)	(S)
South Carolina <sup>1</sup>	4.18	(D)	4.32
South Dakota	2.95	3.14	3.07
Tennessee	3.43	3.64	3.65
Texas	3.56	3.92	3.88
Utah <sup>1</sup>	(D)	(S)	(D)
Vermont <sup>1</sup>	(S)	(S)	(S)
Virginia <sup>1</sup>	(D)	4.16	3.80
Washington <sup>1</sup>	(S)	3.79	4.24
West Virginia <sup>1</sup>	(D)	(D)	(D)
Wisconsin	3.25	3.35	3.29
Wyoming <sup>1</sup>	(S)	(S)	(D)
United States <sup>2</sup>	3.27	3.36	3.39

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

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

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

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

**Prices Received for Sorghum Grain – States and United States: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas .....	(S)	(S)	(S)
Kansas .....	4.89	5.37	5.35
Louisiana .....	(D)	(D)	(D)
Missouri .....	5.16	(D)	5.81
Nebraska .....	(D)	5.53	5.29
Oklahoma .....	4.90	5.83	5.86
Texas .....	6.30	6.67	7.10
United States .....	5.80	6.48	6.09

(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: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	9.75	(D)	9.39
Illinois .....	9.51	8.50	9.08
Indiana .....	9.50	8.85	8.75
Iowa .....	9.18	8.38	8.44
Kansas .....	8.86	8.50	7.97
Kentucky .....	9.53	8.78	9.18
Louisiana .....	9.64	9.34	9.22
Michigan .....	9.28	9.24	8.72
Minnesota .....	9.08	8.70	8.32
Mississippi .....	9.74	9.83	(D)
Missouri .....	9.27	9.00	8.64
Nebraska .....	8.98	8.07	8.63
North Carolina .....	9.63	8.67	8.90
North Dakota .....	8.79	7.97	8.56
Ohio .....	9.46	8.81	8.84
South Dakota .....	8.77	8.18	7.96
Tennessee .....	9.68	9.50	9.22
Wisconsin .....	9.27	8.70	8.92
United States .....	9.35	8.59	8.77

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

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

State	September 2017	August 2018	September 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(D)	(D)	(D)
Colorado .....	27.50	23.10	37.60
Idaho .....	28.60	25.40	27.00
Michigan .....	30.50	(D)	(D)
Minnesota .....	31.10	(D)	26.50
Nebraska .....	(D)	(D)	(D)
North Dakota .....	25.20	23.40	24.50
United States .....	27.10	26.30	25.70

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

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

State	September 2017	August 2018	September 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.225	0.215	0.217
Arkansas .....	0.196	0.193	0.189
Florida .....	0.236	0.214	0.209
Georgia .....	0.227	0.220	0.217
Mississippi .....	0.219	0.201	0.209
New Mexico .....	(S)	0.249	(S)
North Carolina .....	0.239	0.244	0.244
Oklahoma .....	(S)	0.236	0.236
South Carolina .....	0.242	0.224	0.222
Texas .....	0.240	0.223	0.252
Virginia .....	0.248	0.242	0.243
United States .....	0.230	0.220	0.222

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

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

State	September 2017	August 2018	September 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	(D)	18.00	(D)
Minnesota .....	19.20	(D)	(D)
North Dakota .....	17.80	17.80	17.40
South Dakota .....	17.10	15.70	16.30
United States .....	17.40	16.90	16.70

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

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

State	September 2017	August 2018	September 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(S)	16.90
Montana .....	15.30	(D)	(D)
North Dakota .....	17.40	15.40	15.20
Oklahoma .....	(D)	11.10	(S)
United States .....	17.30	15.30	15.20

(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: September 2018 with Comparisons**

State	September 2017	August 2018	September 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	9.55	10.20	9.79
United States .....	9.55	10.20	9.79

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	September 2017	August 2018	September 2018	September 2017	August 2018	September 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(S)	(S)	(S)	112.00	(NA)	115.00
Arizona .....	(D)	(S)	(S)	(S)	(NA)	(S)
Arkansas .....	(S)	(S)	(S)	138.00	(NA)	(S)
California .....	(S)	(S)	(S)	(S)	(NA)	(S)
Georgia .....	(D)	(S)	(S)	111.00	(NA)	109.00
Louisiana .....	(S)	(S)	(S)	152.00	(NA)	(S)
Mississippi .....	(S)	(S)	(S)	150.00	(NA)	(S)
North Carolina .....	(D)	(S)	(S)	164.00	(NA)	(S)
Tennessee .....	(D)	(S)	(D)	(S)	(NA)	(S)
Texas .....	0.637	0.697	0.711	123.00	134.00	139.00
United States .....	0.641	0.697	0.710	127.00	134.00	141.00

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

(NA) Not available.

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

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

Item	September 2017	August 2018	September 2018
Cotton, Upland			
Average price ..... dollars/pound	0.641	0.697	0.710
Marketings <sup>1</sup> ..... 1,000 bales	431	167	431
Rice, all			
Average price ..... dollars/cwt	11.50	13.90	12.20
Marketings <sup>2</sup> ..... 1,000 cwt	10,475	4,553	7,951
Rice, long			
Average price ..... dollars/cwt	11.00	11.90	11.40
Marketings <sup>2</sup> ..... 1,000 cwt	8,508	3,109	6,658
Rice, medium and short			
California			
Average price ..... dollars/cwt	15.10	18.80	18.30
Other States <sup>3</sup>			
Average price ..... dollars/cwt	10.80	14.00	12.70
United States			
Average price ..... dollars/cwt	13.60	18.20	16.50
Marketings <sup>2</sup> ..... 1,000 cwt	1,967	1,444	1,293

<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: September 2018 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	September 2017	August 2018	September 2018	September 2017	August 2018	September 2018	September 2017	August 2018	September 2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama <sup>1</sup>	99.00	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Alaska <sup>1</sup>	370.00	360.00	350.00	(S)	(S)	(S)	(S)	360.00	(S)
Arizona	161.00	220.00	210.00	160.00	220.00	210.00	170.00	200.00	200.00
Arkansas <sup>1</sup>	100.00	113.00	115.00	187.00	(S)	(S)	99.00	112.00	114.00
California	161.00	183.00	190.00	170.00	195.00	200.00	130.00	145.00	150.00
Colorado	166.00	215.00	215.00	165.00	215.00	215.00	175.00	215.00	215.00
Connecticut <sup>1</sup>	129.00	(S)	(S)	(S)	(S)	(S)	83.00	(S)	(S)
Delaware <sup>1</sup>	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida <sup>1</sup>	143.00	(S)	158.00	(S)	(S)	(S)	(S)	(S)	150.00
Georgia <sup>1</sup>	102.00	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Hawaii <sup>1</sup>	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Idaho	143.00	143.00	158.00	140.00	140.00	155.00	160.00	180.00	180.00
Illinois	128.00	144.00	149.00	145.00	165.00	165.00	85.00	105.00	110.00
Indiana <sup>1</sup>	163.00	134.00	150.00	175.00	180.00	175.00	130.00	125.00	120.00
Iowa	101.00	105.00	108.00	105.00	110.00	109.00	88.00	88.00	103.00
Kansas	101.00	154.00	145.00	119.00	164.00	169.00	75.00	106.00	108.00
Kentucky	125.00	172.00	168.00	205.00	220.00	220.00	100.00	150.00	150.00
Louisiana <sup>1</sup>	96.00	104.00	106.00	(S)	(S)	(S)	(S)	104.00	106.00
Maine <sup>1</sup>	174.00	(S)	(S)	230.00	(S)	(S)	99.00	(S)	(S)
Maryland <sup>1</sup>	145.00	(S)	154.00	188.00	(S)	(S)	122.00	(S)	140.00
Massachusetts <sup>1</sup>	108.00	(S)	(S)	159.00	(S)	(S)	76.00	(S)	(S)
Michigan	131.00	145.00	139.00	145.00	150.00	145.00	110.00	130.00	120.00
Minnesota	90.00	84.00	104.00	98.00	95.00	120.00	67.00	73.00	80.00
Mississippi <sup>1</sup>	76.00	100.00	(S)	(S)	(S)	(S)	(S)	100.00	(S)
Missouri	96.00	117.00	119.00	150.00	160.00	160.00	85.00	110.00	110.00
Montana	144.00	148.00	138.00	145.00	150.00	140.00	140.00	135.00	125.00
Nebraska	85.00	103.00	107.00	90.00	111.00	113.00	75.00	83.00	94.00
Nevada	169.00	170.00	171.00	170.00	170.00	170.00	150.00	170.00	190.00
New Hampshire <sup>1</sup>	170.00	(S)	153.00	202.00	(S)	(S)	84.00	(S)	(S)
New Jersey <sup>1</sup>	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
New Mexico	173.00	230.00	220.00	175.00	240.00	230.00	160.00	175.00	170.00
New York	169.00	135.00	133.00	199.00	160.00	165.00	159.00	130.00	122.00
North Carolina <sup>1</sup>	116.00	127.00	127.00	(S)	(S)	(S)	115.00	(S)	(S)
North Dakota	100.00	85.00	84.00	107.00	91.00	88.00	74.00	69.00	68.00
Ohio	140.00	164.00	146.00	170.00	185.00	175.00	120.00	120.00	115.00
Oklahoma	71.00	112.00	101.00	112.00	187.00	186.00	67.00	102.00	93.00
Oregon	157.00	196.00	198.00	150.00	200.00	200.00	180.00	190.00	190.00
Pennsylvania	160.00	152.00	167.00	177.00	189.00	184.00	155.00	136.00	161.00
Rhode Island <sup>1</sup>	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
South Carolina <sup>1</sup>	130.00	(S)	126.00	(S)	(S)	(S)	(S)	(S)	(S)
South Dakota	95.00	92.00	98.00	103.00	94.00	101.00	79.00	82.00	92.00
Tennessee <sup>1</sup>	117.00	112.00	112.00	215.00	(S)	(S)	115.00	110.00	110.00
Texas	112.00	141.00	136.00	162.00	198.00	198.00	103.00	120.00	119.00
Utah	135.00	170.00	175.00	135.00	170.00	175.00	120.00	130.00	135.00
Vermont <sup>1</sup>	77.00	(S)	154.00	86.00	(S)	(S)	74.00	(S)	(S)
Virginia <sup>1</sup>	117.00	146.00	146.00	205.00	(S)	(S)	110.00	135.00	135.00
Washington	167.00	178.00	188.00	155.00	175.00	185.00	200.00	185.00	195.00
West Virginia <sup>1</sup>	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Wisconsin	105.00	122.00	145.00	119.00	134.00	154.00	70.00	91.00	120.00
Wyoming	138.00	163.00	162.00	140.00	170.00	170.00	130.00	140.00	140.00
United States <sup>2</sup>	137.00	161.00	163.00	149.00	177.00	180.00	114.00	130.00	130.00

(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: September 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		
	September 2017	August 2018	September 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California .....	0.847	0.482	0.420
Michigan .....	0.575	(S)	0.590
New York .....	0.425	(S)	0.404
Pennsylvania .....	0.495	0.363	0.404
Virginia .....	0.350	0.310	0.310
Washington .....	0.624	0.278	0.472
United States .....	0.591	0.297	0.467

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

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

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

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
<b>Grapefruit</b>							
California .....	(D)	17.87	(D)	(D)	15.05	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	(D)	17.59	(D)	(D)	14.66	(D)	(D)
<b>Lemons</b>							
Arizona .....	(D)	(D)	(D)	(S)	(D)	(D)	(S)
California .....	49.40	35.81	39.37	(D)	29.42	32.85	(D)
United States .....	49.50	35.97	39.49	(D)	29.58	32.97	(D)
<b>Oranges</b>							
California, all .....	41.30	23.63	31.57	(D)	20.87	28.86	(D)
Navel and miscellaneous .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	41.30	23.63	31.57	(D)	20.87	28.86	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	41.30	23.30	31.56	(D)	20.52	28.84	(D)

- Represents zero.

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

(NA) Not available.

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

## Prices Received for Citrus Fruits by Utilization – States and United States: August 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)	12.67	(D)	(D)	9.57	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	(D)	12.67	(D)	(D)	9.57	(D)	(D)
<b>Lemons</b>							
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California .....	77.70	59.49	67.47	(D)	53.01	60.82	(D)
United States .....	77.70	59.49	67.47	(D)	53.01	60.82	(D)
<b>Oranges</b>							
California, all .....	39.60	20.89	29.68	(D)	18.06	26.92	(D)
Navel and miscellaneous .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	39.60	20.89	29.68	(D)	18.06	26.92	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	39.60	20.63	29.68	(D)	17.78	26.92	(D)

(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: September 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)	17.43	(D)	(D)	14.56	(D)	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	(D)	17.68	(D)	(D)	14.82	(D)	(D)
<b>Lemons</b>							
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California .....	79.30	59.72	69.07	(D)	53.26	62.42	(D)
United States .....	79.10	59.72	68.85	(D)	53.26	62.20	(D)
<b>Oranges</b>							
California, all .....	41.90	24.29	31.98	(D)	21.47	29.22	(D)
Navel and miscellaneous .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	41.90	24.29	31.98	(D)	21.47	29.22	(D)
Florida, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Early and mids .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States .....	41.90	24.01	31.94	(D)	21.18	29.18	(D)

(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: September 2018 with Comparisons

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

State	September 2017		August 2018		September 2018	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	17.30	3.61	15.50	3.57	16.20	3.60
California .....	16.64	3.79	15.45	3.74	15.97	3.79
Colorado .....	18.30	3.63	16.40	3.63	17.30	3.69
Florida .....	21.90	3.72	19.50	3.69	19.90	3.71
Idaho .....	17.30	3.84	15.90	3.79	16.70	3.93
Illinois .....	18.50	3.80	16.10	3.76	17.10	3.84
Indiana .....	17.80	3.71	15.20	3.62	16.00	3.67
Iowa .....	18.20	3.84	16.30	3.79	17.40	3.91
Kansas .....	17.40	3.70	14.90	3.73	15.70	3.76
Michigan .....	16.50	3.69	14.60	3.54	15.40	3.61
Minnesota .....	18.00	3.86	16.50	3.83	17.50	3.93
New Mexico .....	16.60	3.64	14.30	3.60	15.00	3.65
New York .....	18.40	3.83	16.40	3.71	17.10	3.76
Ohio .....	18.60	3.84	15.80	3.65	16.40	3.71
Oregon .....	20.20	4.01	18.10	3.86	19.50	4.00
Pennsylvania .....	19.20	3.81	16.40	3.67	17.10	3.71
South Dakota .....	18.70	4.04	17.10	3.98	18.30	4.09
Texas .....	18.80	4.04	16.20	3.95	16.90	4.04
Utah .....	17.80	3.76	15.80	3.73	16.80	3.82
Vermont .....	18.80	3.81	16.70	3.75	17.50	3.81
Virginia .....	20.00	3.74	17.10	3.67	17.50	3.70
Washington .....	18.70	4.01	16.40	3.86	17.40	4.00
Wisconsin .....	18.20	3.78	16.20	3.74	17.40	3.81
United States .....	17.90	3.81	15.90	3.74	16.70	3.81

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

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

State	October 2017	July 2018	October 2018
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,700.00	1,450.00	1,450.00
California .....	1,600.00	1,300.00	1,200.00
Colorado .....	1,750.00	1,450.00	1,350.00
Florida .....	1,680.00	1,430.00	1,260.00
Idaho .....	1,650.00	1,500.00	1,350.00
Illinois .....	1,560.00	1,250.00	1,210.00
Indiana .....	1,520.00	1,200.00	1,100.00
Iowa .....	1,580.00	1,220.00	1,170.00
Kansas .....	1,650.00	1,450.00	1,400.00
Michigan .....	1,650.00	1,300.00	1,200.00
Minnesota .....	1,560.00	1,170.00	1,050.00
New Mexico .....	1,700.00	1,500.00	1,450.00
New York .....	1,500.00	1,200.00	1,100.00
Ohio .....	1,520.00	1,100.00	1,050.00
Oregon .....	1,700.00	1,450.00	1,400.00
Pennsylvania .....	1,530.00	1,250.00	1,150.00
South Dakota .....	1,620.00	1,300.00	1,300.00
Texas .....	1,700.00	1,500.00	1,450.00
Utah .....	1,700.00	1,400.00	1,300.00
Vermont .....	1,700.00	1,400.00	1,250.00
Virginia .....	1,490.00	1,200.00	1,120.00
Washington .....	1,700.00	1,400.00	1,300.00
Wisconsin .....	1,610.00	1,250.00	1,180.00
United States .....	1,610.00	1,320.00	1,230.00

## 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: September 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			
		September 2017	August 2018	September 2018	September 2017	August 2018	September 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
<b>Basic commodities</b>								
All wheat .....	bushel	0.598	17.70	17.60	17.60	26	30	29
Rice .....	cwt	1.36	39.30	40.00	39.90	29	35	31
Corn .....	bushel	0.450	13.00	13.20	13.20	25	25	26
<b>Cotton</b>								
Upland .....	pound	0.068	1.91	2.00	2.00	34	35	36
American Pima .....	pound	0.136	3.84	4.00	3.99	36	35	35
Peanuts .....	pound	0.023	0.664	0.677	0.676	35	32	33
Small chickpeas <sup>1</sup> .....	cwt	2.41	66.70	70.90	70.80	42	36	33
Large chickpeas <sup>1</sup> .....	cwt	3.28	93.30	96.50	96.30	37	38	24
Lentils <sup>1</sup> .....	cwt	2.65	73.40	78.00	77.80	35	23	30
<b>Designated non-basic</b>								
All milk, to plants <sup>2</sup> .....	cwt	1.77	52.00	52.10	52.00	33	30	31
Honey, extracted <sup>3</sup> .....	pound	0.175	4.74	5.15	5.14	44	40	40
<b>Wool and mohair</b>								
Wool .....	pound	0.131	3.64	3.85	3.85	40	38	38
Mohair .....	pound	0.406	11.40	11.90	11.90	40	42	42
<b>Other non-basic</b>								
Apples, fresh <sup>4</sup> .....	pound	0.035	0.982	1.030	1.030	60	29	45
Barley .....	bushel	0.506	14.30	14.90	14.90	30	30	30
Canola .....	cwt	1.88	54.60	55.30	55.20	32	28	28
Cottonseed .....	ton	20.20	589.00	594.00	593.00	22	23	24
Dry edible beans .....	cwt	3.26	93.30	95.90	95.70	29	27	27
Flaxseed .....	bushel	1.15	33.20	33.80	33.80	29	30	29
Oats .....	bushel	0.292	8.44	8.59	8.58	30	29	31
Potatoes, fresh .....	cwt	1.11	33.20	32.70	32.60	42	34	29
Sorghum grain .....	cwt	0.760	22.20	22.40	22.30	26	29	27
Soybeans .....	bushel	1.11	31.50	32.70	32.60	30	26	27
Sunflower, all .....	cwt	2.18	62.70	64.10	64.00	28	26	26
<b>Citrus (equivalent on-tree)</b>								
Grapefruit .....	box	0.737	19.20	21.70	21.60	76	44	69
Lemons .....	box	1.87	50.60	55.00	54.90	58	96	97
Oranges .....	box	0.909	25.40	26.70	26.70	81	67	79
<b>Livestock and poultry</b>								
Beef cattle .....	cwt	11.40	321.00	335.00	335.00	33	33	32
Broilers .....	pound	0.051	1.44	1.50	1.50	35	33	31
Calves .....	cwt	16.50	465.00	485.00	485.00	37	33	35
Eggs <sup>2</sup> .....	dozen	0.101	2.95	2.97	2.97	37	34	31
Hogs .....	cwt	5.66	161.00	167.00	166.00	30	27	26
Turkeys, live .....	pound	0.066	1.880	1.940	1.940	33	27	27

<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: September 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			
		September 2017	August 2018	September 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	
<b>Field crops and miscellaneous</b>					
Hops .....	pound	0.394	10.60	11.60	11.60
Mustard seed .....	cwt	3.32	94.80	97.70	97.50
Rapeseed .....	cwt	2.72	77.70	80.00	79.90
Rye .....	bushel	0.629	18.30	18.50	18.50
Safflower .....	cwt	2.24	64.70	65.90	65.80
Spearmint oil .....	pound	1.73	49.10	50.90	50.80
Sweet potatoes .....	cwt	2.04	58.90	60.00	59.90
<b>Tobacco</b>					
Flue-cured, 11-14 .....	pound	0.184	5.23	5.41	5.40
Fire-cured, 21-23 .....	pound	0.254	7.25	7.47	7.46
Burley, 31 .....	pound	0.180	5.14	5.30	5.29
Maryland, 32 .....	pound	0.171	4.91	5.03	5.02
Dark air-cured, 35-37 .....	pound	0.228	6.53	6.71	6.70
Pennsylvania seedleaf, 41 .....	pound	0.196	5.46	5.77	5.76
<b>Non-citrus fruit</b>					
Apples, processing <sup>1 2</sup> .....	ton	20.20	566.00	594.00	593.00
<b>Apricots</b>					
Fresh <sup>3</sup> .....	ton	121.00	3,350.00	3,560.00	3,550.00
Dried (California) .....	ton	313.00	8,610.00	9,210.00	9,190.00
Avocados <sup>2 3</sup> .....	ton	200.00	5,290.00	5,880.00	5,870.00
<b>Cherries</b>					
Sweet .....	ton	215.00	6,150.00	6,330.00	6,310.00
Tart <sup>2</sup> .....	pound	0.032	0.924	0.941	0.940
Cranberry <sup>2 4</sup> .....	barrel	3.86	118.00	114.00	113.00
Dates (California) <sup>3</sup> .....	ton	159.00	4,160.00	4,680.00	4,670.00
<b>Grapes (California)</b>					
Raisin variety <sup>5</sup> .....	ton	147.00	4,040.00	4,320.00	4,320.00
Wine, processing .....	ton	71.90	(NA)	2,120.00	2,110.00
Kiwifruit <sup>2</sup> .....	ton	105.00	3,000.00	3,090.00	3,080.00
Nectarines, fresh (California) <sup>3</sup> .....	ton	72.90	1,940.00	2,140.00	2,140.00
Olives, canning (California) <sup>4</sup> .....	ton	106.00	2,860.00	3,120.00	3,110.00

See footnote(s) at end of table.

--continued



## Commodity Parity Prices – United States: September 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		
		September 2017	August 2018	September 2018
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Non-citrus fruit - continued</b>				
Papayas (Hawaii) ..... pound	0.042	1.18	1.24	1.23
<b>Peaches</b>				
Fresh <sup>4 6</sup> ..... ton	97.20	2,620.00	2,860.00	2,850.00
Dried (California) <sup>1 5</sup> ..... ton	43.20	1,260.00	1,270.00	1,270.00
Processing, excludes dried Clingstone (California) <sup>4</sup> ..... ton	37.80	1,050.00	1,110.00	1,110.00
Pears, Fresh <sup>6</sup> ..... ton	63.50	1,740.00	1,870.00	1,860.00
<b>Plums (California) equivalent on-tree</b>				
Fresh <sup>7</sup> ..... ton	68.40	1,880.00	2,010.00	2,010.00
Prunes, dried (California) <sup>1 2 5</sup> ..... ton	171.00	4,620.00	5,030.00	5,020.00
<b>Strawberries</b>				
Fresh <sup>10</sup> ..... pound	9.61	253.00	283.00	282.00
Processing ..... pound	3.62	101.00	107.00	106.00
<b>Sugar crops</b>				
Sugar beets <sup>2 8</sup> ..... ton	5.10	147.00	150.00	150.00
Sugarcane <sup>2 8</sup> ..... ton	3.47	100.00	102.00	102.00
<b>Tree nuts <sup>9</sup></b>				
Almonds ..... pound	0.242	6.82	7.12	7.11
Hazelnuts ..... ton	235.00	6,730.00	6,910.00	6,900.00
Pistachios ..... pound	0.237	6.82	6.97	6.96
Walnuts ..... ton	236.00	6,760.00	6,940.00	6,930.00
<b>Vegetables, fresh <sup>10</sup></b>				
Carrots <sup>11</sup> ..... cwt	2.78	78.90	81.80	81.60
Cauliflower <sup>11</sup> ..... cwt	4.59	130.00	135.00	135.00
Celery <sup>11</sup> ..... cwt	1.98	58.60	58.30	58.20
Honeydew melons ..... cwt	2.02	55.50	59.40	59.30
Lettuce ..... cwt	2.43	66.40	71.50	71.40
Onions <sup>11</sup> ..... cwt	1.41	39.60	41.50	41.40
Tomatoes ..... cwt	4.05	116.00	119.00	119.00

(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

**Cotton:** August 1 to July 31 for United States and all States.

**Cottonseed:** August 1 to February 28 for United States and all States.

**Rice:** August 1 to July 31 for United States; July 1 to June 30 for Louisiana and Texas; August 1 to July 31 for Arkansas and Mississippi; October 1 to September 30 for California; September 1 to August 31 for Missouri.

### Cotton and Cottonseed Market Year Average Prices Received – States and United States: Marketing Years 2016 and 2017

State	Cotton				Cottonseed	
	Pima		Upland		2016	2017
	2016	2017	2016	2017		
	(dollars per lb)	(dollars per lb)	(dollars per lb)	(dollars per lb)	(dollars per ton)	(dollars per ton)
Alabama .....	(NA)	(NA)	0.710	0.729	176.00	118.00
Arizona .....	(D)	(D)	0.666	0.727	241.00	183.00
Arkansas .....	(NA)	(NA)	0.685	0.710	209.00	152.00
California .....	(D)	(D)	(D)	(D)	276.00	226.00
Florida .....	(NA)	(NA)	0.678	0.729	157.00	100.00
Georgia .....	(NA)	(NA)	0.720	0.750	167.00	116.00
Kansas .....	(NA)	(NA)	0.690	(D)	(D)	170.00
Louisiana .....	(NA)	(NA)	0.698	0.715	203.00	160.00
Mississippi .....	(NA)	(NA)	0.709	0.738	194.00	156.00
Missouri .....	(NA)	(NA)	0.691	0.747	212.00	152.00
New Mexico .....	(D)	(D)	0.618	0.507	238.00	164.00
North Carolina .....	(NA)	(NA)	0.658	0.709	184.00	118.00
Oklahoma .....	(NA)	(NA)	0.681	0.712	172.00	116.00
South Carolina .....	(NA)	(NA)	0.642	0.726	175.00	133.00
Tennessee .....	(NA)	(NA)	0.695	0.680	211.00	137.00
Texas .....	1.070	(D)	0.667	0.663	194.00	138.00
Virginia .....	(NA)	(NA)	0.617	0.699	(D)	121.00
United States .....	1.370	1.390	0.680	0.686	195.00	142.00

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

(NA) Not available.

**Upland Cotton Prices Received by Month – States and United States: Marketing Years 2016-2017 and 2017-2018**

State	2016-2017					
	August	September	October	November	December	January <sup>1</sup>
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	(S)	(S)	0.645	0.683	0.698	0.681
Arizona .....	(S)	(D)	(D)	(D)	(D)	(D)
Arkansas .....	(S)	0.713	0.679	(D)	(D)	0.668
California .....	(S)	(S)	(D)	(D)	(D)	(D)
Georgia .....	(S)	0.728	0.720	0.714	0.724	0.705
Louisiana .....	(S)	(S)	0.677	0.693	0.688	0.680
Mississippi .....	(D)	(D)	0.690	0.686	0.692	0.684
North Carolina .....	(D)	(S)	0.625	0.621	0.651	0.690
Tennessee .....	(S)	(D)	0.697	0.688	0.683	0.689
Texas .....	0.673	0.653	0.633	0.660	0.663	0.664
United States .....	0.673	0.670	0.660	0.672	0.679	0.670
State	February	March	April	May	June	July
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.758	0.742	(D)	(D)	(D)	(D)
Arizona .....	(D)	(D)	(D)	(D)	(D)	(D)
Arkansas .....	0.681	0.703	0.720	(D)	(D)	(D)
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Georgia .....	0.715	0.716	(D)	(D)	(D)	(D)
Louisiana .....	0.710	0.713	0.722	(D)	(D)	(D)
Mississippi .....	0.707	0.713	(D)	(D)	(D)	(D)
North Carolina .....	0.680	0.702	0.698	(D)	(D)	(D)
Tennessee .....	0.698	0.717	0.709	(D)	(D)	(D)
Texas .....	0.679	0.682	0.683	0.673	0.670	0.638
United States .....	0.688	0.692	0.693	0.699	0.704	0.730
State	2017-2018					
State	August	September	October	November	December	January <sup>1</sup>
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	(S)	(S)	0.558	0.683	0.716	0.729
Arizona .....	(S)	(D)	(D)	(D)	(D)	(D)
Arkansas .....	(D)	(S)	0.701	(D)	(D)	0.713
California .....	(S)	(S)	(D)	(D)	(D)	(D)
Georgia .....	(S)	(D)	0.721	0.716	0.754	0.747
Louisiana .....	(S)	(S)	0.676	0.691	0.743	0.721
Mississippi .....	(D)	(S)	0.715	0.691	0.704	0.717
North Carolina .....	(S)	(D)	0.648	0.669	0.692	0.732
Tennessee .....	(D)	(D)	0.600	(D)	(D)	(D)
Texas .....	0.647	0.637	0.657	0.662	0.665	0.677
United States .....	0.648	0.641	0.665	0.673	0.686	0.689
State	February	March	April	May	June	July
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.728	0.720	(D)	(D)	(D)	(D)
Arizona .....	(D)	(D)	(S)	(S)	(S)	(S)
Arkansas .....	(D)	0.756	(D)	(D)	(D)	(D)
California .....	(D)	(D)	(D)	(D)	(D)	(D)
Georgia .....	0.736	0.741	0.752	0.771	(D)	(D)
Louisiana .....	0.736	(D)	(D)	(D)	(D)	(D)
Mississippi .....	0.739	(D)	(D)	(D)	(D)	(D)
North Carolina .....	0.737	0.740	(D)	(D)	(D)	(D)
Tennessee .....	(D)	0.741	0.720	(D)	(D)	(D)
Texas .....	0.665	0.664	0.634	0.650	0.731	0.687
United States .....	0.681	0.683	0.677	0.696	0.757	0.768

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

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

<sup>1</sup> Second year.

## Cottonseed Prices Received by Month – States and United States: Marketing Year 2017-2018

[Monthly prices available only for major cotton producing States]

State	August	September	October	November	December	January <sup>1</sup>	February
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(NA)	112.00	122.00	117.00	124.00	107.00	96.00
Arizona .....	(S)	(S)	175.00	202.00	191.00	142.00	214.00
Arkansas .....	(NA)	138.00	152.00	152.00	(S)	(S)	(S)
California .....	(S)	(S)	264.00	241.00	240.00	138.00	239.00
Georgia .....	(NA)	111.00	111.00	115.00	115.00	131.00	129.00
Louisiana .....	(NA)	152.00	142.00	188.00	(S)	(S)	(S)
Mississippi .....	(NA)	150.00	155.00	163.00	(D)	(S)	(S)
North Carolina .....	(NA)	164.00	124.00	113.00	124.00	(D)	(S)
Tennessee .....	(NA)	(S)	(D)	130.00	(S)	(S)	(S)
Texas .....	127.00	123.00	128.00	141.00	142.00	143.00	143.00
United States .....	127.00	127.00	141.00	144.00	143.00	139.00	156.00

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

(NA) Not available.

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

<sup>1</sup> Second year.

## Upland Cotton Marketings by Month – Marketing Years 2016-2017 and 2017-2018

[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. Total may not add due to rounding]

Month	Upland Cotton	
	2016-2017	2017-2018
	(1,000 bales)	(1,000 bales)
August .....	305	273
September .....	433	431
October .....	784	948
November .....	2,328	2,411
December .....	1,928	3,656
January <sup>1</sup> .....	2,855	3,058
February .....	1,616	1,593
March .....	1,267	1,097
April .....	793	773
May .....	299	792
June .....	258	294
July .....	468	704
Year .....	13,333	16,029

<sup>1</sup> Second year.

## Upland Cotton Marketing Percentages by Month – States and United States: Marketing Years 2016-2017 and 2017-2018

[Monthly farm marketings, based on a sample survey, as a percent of total used for calculating marketing year average prices]

State and Marketing Year	Aug	Sep	Oct	Nov	Dec	Jan <sup>1</sup>	Feb	Mar	Apr	May	Jun	Jul
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama												
2016-2017 ...	-	-	6.2	16.1	10.3	19.8	14.2	9.9	4.6	3.7	3.6	11.6
2017-2018 ...	-	-	2.6	9.0	16.6	22.3	7.8	8.6	7.0	6.1	5.7	14.3
Arizona												
2016-2017 ...	-	3.7	5.6	18.8	11.4	24.5	9.0	4.2	4.6	5.6	6.2	6.4
2017-2018 ...	-	1.2	4.3	20.1	26.3	32.0	15.9	0.2	-	-	-	-
Arkansas												
2016-2017 ...	-	10.9	17.3	26.5	17.0	12.0	7.6	2.8	1.5	0.9	0.9	2.6
2017-2018 ...	-	-	16.0	17.5	36.6	12.1	4.7	2.3	1.8	1.6	1.5	5.9
California												
2016-2017 ...	-	-	11.3	9.8	15.1	18.8	11.1	6.1	6.1	6.1	7.9	7.7
2017-2018 ...	-	-	2.5	5.4	9.3	17.5	19.0	16.7	11.1	9.3	4.6	4.6
Georgia												
2016-2017 ...	-	-	5.1	18.6	20.1	15.9	9.0	7.8	5.0	4.2	4.1	10.2
2017-2018 ...	-	0.3	1.5	10.5	25.1	16.2	7.5	6.4	6.9	6.7	5.7	13.2
Louisiana												
2016-2017 ...	-	-	13.6	37.3	9.8	11.5	6.0	4.9	3.3	2.8	2.7	8.1
2017-2018 ...	-	-	18.0	33.4	14.5	9.8	2.6	2.8	3.3	2.9	2.7	10.0
Mississippi												
2016-2017 ...	-	0.2	3.3	10.5	15.4	13.1	10.3	10.6	7.1	6.0	5.8	17.7
2017-2018 ...	-	-	3.6	10.1	14.9	11.2	7.2	7.2	8.4	9.3	7.0	21.1
North Carolina												
2016-2017 ...	0.1	-	4.8	34.9	18.3	11.8	6.3	8.9	3.5	2.9	2.8	5.7
2017-2018 ...	-	-	4.2	22.7	27.3	15.6	8.8	2.6	3.0	2.7	2.5	10.6
Tennessee												
2016-2017 ...	-	0.5	3.8	14.9	25.6	12.3	18.0	11.0	4.9	1.7	1.6	5.7
2017-2018 ...	0.7	0.9	5.5	24.2	29.2	15.4	7.2	1.5	2.1	7.2	1.4	4.7
Texas												
2016-2017 ...	3.7	3.7	4.7	15.9	12.5	25.5	13.3	10.8	6.9	1.6	1.1	0.3
2017-2018 ...	2.7	4.3	5.5	13.9	21.4	21.7	11.8	8.4	4.9	4.6	0.6	0.2
United States												
2016-2017 ...	2.3	3.2	5.9	17.5	14.5	21.5	12.1	9.5	5.9	2.2	1.9	3.5
2017-2018 ...	1.7	2.7	5.9	15.0	22.8	19.1	9.9	6.9	4.8	5.0	1.8	4.4

- Represents zero.

<sup>1</sup> Second year.

## All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2015-2016 through 2017-2018

[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>		
	2015-2016	2016-2017	2017-2018 <sup>2</sup>	2015-2016	2016-2017	2017-2018 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	12.00	11.70	11.30	11,079	8,327	10,290
September .....	11.90	10.60	11.50	12,368	10,006	10,475
October .....	12.10	10.40	12.20	16,336	15,659	14,155
November .....	12.40	10.50	13.30	13,433	15,632	14,111
December .....	12.80	10.50	12.70	14,754	18,014	15,622
January <sup>3</sup> .....	13.30	10.90	13.40	17,810	19,681	20,769
February .....	12.10	10.10	12.50	14,857	16,073	13,319
March .....	11.80	10.10	12.50	13,562	18,776	13,737
April .....	11.50	10.10	12.90	13,889	18,353	13,143
May .....	11.70	10.20	12.60	13,754	16,874	11,910
June .....	11.70	10.20	13.00	12,159	15,444	9,285
July .....	12.10	10.80	13.30	13,103	14,096	9,315
MYA .....	12.20	10.40	12.70	167,104	186,935	156,131

<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 August 2017 - July 2018. Final monthly prices, marketings, and MYA price will be published in the January 2019 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2015-2016 through 2017-2018

[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>		
	2015-2016	2016-2017	2017-2018 <sup>2</sup>	2015-2016	2016-2017	2017-2018 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	10.40	10.60	10.60	8,752	6,240	8,505
September .....	10.90	9.95	11.00	10,217	7,590	8,508
October .....	11.50	9.65	11.00	12,797	11,847	10,155
November .....	11.50	9.62	11.20	10,334	11,798	9,380
December .....	11.40	9.69	11.40	10,457	13,484	11,437
January <sup>3</sup> .....	11.60	9.66	11.60	11,694	13,063	13,676
February .....	11.60	9.41	11.70	11,980	12,831	10,085
March .....	11.20	9.41	11.70	10,811	14,494	11,036
April .....	10.90	9.20	11.80	11,059	14,382	10,061
May .....	10.90	9.38	11.80	10,750	13,276	9,703
June .....	10.80	9.54	11.90	9,057	12,720	7,052
July .....	10.80	10.00	11.90	8,896	11,107	6,580
MYA .....	11.20	9.61	11.50	126,804	142,832	116,178

<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 August 2017 - July 2018. Final monthly prices, marketings, and MYA price will be published in the January 2019 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2015-2016 through 2017-2018

[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>		
	2015-2016	2016-2017	2017-2018 <sup>2</sup>	2015-2016	2016-2017	2017-2018 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	18.20	14.70	14.90	2,327	2,087	1,785
September .....	16.50	12.70	13.60	2,151	2,416	1,967
October .....	14.40	12.70	15.40	3,539	3,812	4,000
November .....	15.60	13.30	17.60	3,099	3,834	4,731
December .....	16.10	12.90	16.50	4,297	4,530	4,185
January <sup>3</sup> .....	16.60	13.30	16.80	6,116	6,618	7,093
February .....	13.90	12.60	15.20	2,877	3,242	3,234
March .....	14.30	12.40	15.70	2,751	4,282	2,701
April .....	14.00	13.20	16.30	2,830	3,971	3,082
May .....	14.50	13.40	16.40	3,004	3,598	2,207
June .....	14.10	13.40	16.40	3,102	2,724	2,233
July .....	14.70	13.70	16.80	4,207	2,989	2,735
MYA .....	15.30	13.10	16.20	40,300	44,103	39,953

<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 August 2017 - July 2018. Final monthly prices, marketings, and MYA price will be published in the January 2019 *Agricultural Prices* report.

<sup>3</sup> Second year.

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

[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	
	2016-2017	2017-2018 <sup>1</sup>	2016-2017	2017-2018 <sup>1 2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	16.80	15.50	10.00	11.00
September .....	16.30	15.10	9.52	10.80
October .....	14.00	18.20	10.40	11.00
November .....	14.10	19.30	9.41	11.10
December .....	13.90	18.80	10.50	11.30
January <sup>3</sup> .....	14.00	19.20	10.30	11.50
February .....	13.90	18.40	9.93	12.30
March .....	13.10	18.50	10.20	11.80
April .....	14.00	18.40	10.10	12.30
May .....	14.10	18.10	10.10	11.90
June .....	14.30	18.30	10.40	12.50
July .....	14.50	18.40	10.70	12.50
August .....	15.50	18.80	11.00	14.00
September .....	15.10	18.30	10.80	12.70
MYA .....	14.10	18.70	10.10	11.70

<sup>1</sup> Prices and marketings include late reports and revised data for August 2017 - August 2018. Final monthly prices, marketings, and MYA price for California will be published in the January 2019 *Agricultural Prices* report.

<sup>2</sup> Other States monthly prices for August 2016-July 2017 and 2016-2017 MYA price are final.

<sup>3</sup> Second year.

## Reliability of Prices Received Estimates

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

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

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

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

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

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

Modifications implemented January 2014 include the following: 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.



## September Prices Paid by Farmers

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 108.5, is down 0.2 percent from August 2018 but up 2.3 percent from September 2017.

**Production:** The September index, at 105.7, is down 0.3 percent from August but up 1.8 percent from last year. Lower prices for concentrates, complete feeds, herbicides, and insecticides more than offset higher prices for feeder cattle, feeder pigs, LP gas, and hay and forages.

**Feed:** At 96.2, the September index decreased 3.6 percent from August but increased 3.8 percent from last September. Since August, lower prices for concentrates, complete feeds, and supplements more than offset higher prices for hay and forages.

**Livestock and poultry:** The September index, at 103.9, is up 3.2 percent from August but down 1.7 percent from last year. The September feeder pigs, at \$70.00 per cwt, is up \$20.00 from the August price. The September feeder cattle price, at \$151.00 per cwt, is up \$3.00 from August.

**Fertilizer:** The index for September, at 66.4, is up 1.2 percent from August and 6.6 percent from September a year ago. Compared with August, the prices are higher for mixed fertilizer, nitrogen, and potash and phosphate.

**Chemicals:** The September index, at 101.9, is down 3.2 percent from August but up 0.4 percent from last September.

**Fuels:** At 72.0, the September index is up 2.6 percent from August and 7.6 percent from September 2017. Compared with August, prices are higher for LP gas and diesel.

**Machinery:** The index for September, at 119.0, increased 0.1 percent from August and 1.1 percent from last September. Compared with last month, prices are higher for other machinery.

**Consumer Price Index:** The September 2018 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.3 percent over the last 12 months to an index level of 252.439 (1982-1984=100). For the month, the index increased 0.1 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: September 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		
	September 2017	August 2018	September 2018	September 2017	August 2018	September 2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	2873	2942	2937	106.1	108.7	108.5
Production .....	2162	2207	2201	103.8	106.0	105.7
Feed .....	1021	1100	1060	92.7	99.8	96.2
Livestock and poultry .....	2086	1989	2052	105.7	100.7	103.9
Seeds .....	3934	3885	3885	119.7	118.2	118.2
Fertilizer .....	751	790	800	62.3	65.6	66.4
Chemicals .....	912	946	915	101.5	105.3	101.9
Fuels .....	1872	1964	2014	66.9	70.2	72.0
Supplies and repairs .....	1278	1329	1335	108.4	112.7	113.2
Autos and trucks .....	3224	3239	3227	104.9	105.4	105.0
Machinery .....	7195	7267	7274	117.7	118.9	119.0
Building materials .....	2580	2725	2731	110.9	117.2	117.4
Services and rent .....	2497	2481	2482	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	113.3	115.1	115.2
Rent .....	(NA)	(NA)	(NA)	123.8	119.5	119.5
Interest <sup>1</sup> .....	4092	4327	4327	112.2	118.7	118.7
Taxes <sup>2</sup> .....	6904	6952	6952	116.3	117.1	117.1
Wage rates .....	8466	8780	8780	118.2	122.6	122.6
Family living-CPI <sup>3</sup> .....	2345	2395	2398	109.7	112.1	112.2
Production, interest, taxes, and wage rates (PITW) .....	2978	3050	3043	105.6	108.2	107.9
Ratio (received/paid) .....	(NA)	(NA)	(NA)	88	83	81
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> .....	1486	1600	1599	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	107.8	110.1	110.1
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	104.4	107.1	106.7
Farm sector (production) .....	(NA)	(NA)	(NA)	102.1	103.7	102.9
Non-farm sector (production) .....	(NA)	(NA)	(NA)	104.9	107.4	107.4

(NA) Not available.

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

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

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

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

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

<sup>6</sup> PPITW is adjusted based on productivity trend for the prior 15 years.

## Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: September 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	September 2017	August 2018	September 2018
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	74.9	73.5	103.8	106.0	105.7
Feed .....	13.4	13.3	92.7	99.8	96.2
Feed grains .....	1.9	1.9	55.8	57.9	57.9
Complete feeds .....	6.6	6.5	100.9	104.8	103.1
Hay and forages .....	1.7	1.6	89.0	103.9	105.0
Concentrates .....	2.1	2.1	96.3	112.8	95.2
Supplements .....	1.1	1.2	106.3	111.3	109.6
Livestock and poultry .....	10.3	8.2	105.7	100.7	103.9
Feeder cattle .....	8.0	6.4	108.7	107.7	110.4
Feeder pigs .....	0.8	0.6	66.4	35.7	50.0
Milk cow replacements .....	0.9	0.7	114.1	93.0	93.0
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	62.3	65.6	66.4
Mixed fertilizer .....	2.6	2.3	65.9	67.7	68.4
Nitrogen .....	2.4	2.2	59.3	64.5	65.1
Potash and phosphate .....	0.8	0.7	60.4	62.2	64.1
Chemicals .....	3.3	3.6	101.5	105.3	101.9
Herbicides .....	2.0	2.3	103.8	107.5	104.0
Insecticides .....	0.8	0.8	100.4	103.7	100.3
Fungicides and other .....	0.5	0.5	93.0	97.8	94.6
Fuels .....	2.5	2.4	66.9	70.2	72.0
Diesel .....	1.6	1.5	59.4	65.4	66.3
Gasoline .....	0.5	0.5	69.4	70.5	70.5
LP gas .....	0.4	0.4	91.6	87.6	95.1
Supplies and repairs .....	4.4	4.6	108.4	112.7	113.2
Supplies .....	1.5	1.6	108.1	112.4	113.3
Repairs .....	2.9	3.0	108.5	112.8	113.1
Autos and trucks .....	1.2	1.3	104.9	105.4	105.0
Autos .....	0.1	0.2	98.6	99.7	99.7
Trucks .....	1.1	1.1	105.8	106.2	105.8
Machinery .....	5.6	5.6	117.7	118.9	119.0
Tractors .....	1.2	1.2	112.2	112.4	112.4
Self-propelled .....	2.3	2.3	121.0	122.1	122.1
Other machinery .....	2.1	2.1	117.5	119.3	119.6
Building materials .....	3.9	4.0	110.9	117.2	117.4
Services .....	11.5	12.1	113.3	115.1	115.2
Custom rates .....	1.2	1.3	114.3	113.3	113.3
Other services .....	10.3	10.8	113.2	115.2	115.4
Rent .....	7.9	7.9	123.8	119.5	119.5
Cash .....	4.3	4.2	130.4	126.1	126.1
Share .....	3.6	3.7	116.1	111.8	111.8
Interest .....	2.2	2.4	112.2	118.7	118.7
Taxes .....	3.2	3.3	116.3	117.1	117.1
Wage rates .....	6.5	7.1	118.2	122.6	122.6
Family living-CPI .....	13.2	13.7	109.7	112.1	112.2

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

Feed price ratio <sup>1</sup>	September 2017	August 2018	September 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	4.8
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	10.9	11.0	8.7
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	15.0	13.2	12.7
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	2.46	2.03	2.10
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	32.7	33.3	32.4
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	6.9	5.8	5.9

<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: September 2018 with Comparisons

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

Item	September 2017	August 2018	September 2018
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.510	0.490	0.460
Eggs, market .....dozen	0.901	0.892	0.712
Hogs, all .....cwt	48.90	44.30	43.20
Milk, all .....cwt	17.90	15.90	16.70
Steers and heifers .....cwt	107.00	112.00	110.00
Turkeys, live .....pound	0.623	0.517	0.531
Corn .....bushel	3.27	3.36	3.39
Hay, alfalfa .....ton	149.00	177.00	180.00
Soybeans .....bushel	9.35	8.59	8.77
Wheat, all .....bushel	4.65	5.30	5.15

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

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

Item	September 2017	August 2018	September 2018
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	149.00	148.00	151.00
Feeder pigs .....cwt	93.00	50.00	70.00

## Reliability of Prices Paid Estimates

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

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

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

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

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

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

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

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

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

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

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

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## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

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

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

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## Price Program Links

Economics and Prices

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

January 2014 Price Program Update

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

January 2015 Price Program Update

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

April 2015 Price Program Update

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

February 2016 Price Program Update

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