



Agricultural Prices

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Special Note

This *Agricultural Prices* report is dedicated to Daryl Brinkman who recently passed away. Daryl worked on the *Agricultural Prices* report for more than 30 years and served USDA and NASS for more than 45 years.

November Prices Received Index Up 3.5 Percent

The November Prices Received Index (Agricultural Production), at 88.1, increased 3.5 percent from October 2018. At 84.1, the Crop Production Index increased 5.0 percent. The Livestock Production Index, at 92.1, increased 0.9 percent. Producers received higher prices for lettuce, market eggs, cattle, and broilers but lower prices for soybeans, milk, hogs, and lemons. Compared with a year earlier, the Prices Received Index is down 3.6 percent. The Crop Production Index increased 2.7 percent and the Livestock Production Index decreased 9.5 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of milk, corn, cattle, and cotton offset the decreased marketing of soybeans, grapes, lettuce, and wheat. The Food Commodities Index, at 93.8, increased 5.6 percent from the previous month but decreased 6.9 percent from November 2017.

November Prices Paid Index Down 0.4 Percent

The November Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.0, is down 0.4 percent from October 2018 but up 1.8 percent from November 2017. Lower prices in November for feeder cattle, LP gas, herbicides, and complete feeds more than offset higher prices for feeder pigs, tractors, nitrogen, and supplements.

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

Index Group	November 2017	October 2018	November 2018
	(percent)	(percent)	(percent)
Prices received by farmers	91.4	85.1	88.1
Prices paid by farmers	107.1	109.4	109.0
Ratio of prices received to prices paid	85	78	81

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November Prices Received by Farmers

The November Prices Received Index for agricultural production is 88.1 percent of its 2011 base, up 3.5 percent from the October 2018 index but down 3.6 percent from the November 2017 index.

Crop production: The November index, at 84.1, is 5.0 percent higher than October and 2.7 percent higher than November 2017. The vegetable & melon along with fruit & tree nut index increases more than offset the grain & oilseed and other crop index decreases.

Grain and oilseed: The November index, at 62.2, is down 3.9 percent from October but up 0.8 percent from November 2017. The oilseed index decrease more than offset the food grain index increase.

Feed grain: The November index, at 57.0, is unchanged from last month but increased 8.0 percent from a year ago. The corn price, at \$3.41 per bushel, is unchanged from last month but up 26 cents from November 2017. At \$5.54 per cwt, sorghum grain is 17 cents below October but 16 cents above last November.

Food grain: At 76.5, the index for November is up 2.0 percent from the previous month and 1.7 percent from a year ago. The November price for all wheat, at \$5.23 per bushel, is 1 cent higher than October and 51 cents higher than November 2017.

Oilseed: At 67.1, the index for November decreased 2.5 percent from October and 8.8 percent from November 2017. The soybean price, at \$8.37 per bushel, is 21 cents lower than October and 85 cents lower than November a year earlier.

Fruit and tree nut: The November index, at 129.9, is up 0.1 percent from October but down 3.1 percent from a year earlier. Price increase for strawberries more than offset decreases during November for lemons, apples, and grapes.

Vegetable and melon: At 142.9, the index for November increased 47 percent from the previous month and 32 percent from November 2017. Price increases during November for lettuce, cauliflower, and tomatoes more than offset price declines for cucumbers and carrots.

Other crop: The November index, at 89.5, is down 2.8 percent from the previous month but up 9.4 percent from November 2017. The all hay price, at \$161.00 per ton, is \$1.00 lower than October but \$23.00 higher than November 2017. At 73.0 cents per pound, the price for upland cotton is 0.7 cents higher than October and 5.7 cents higher than November 2017.

Livestock production: The index for November, at 92.1, increased 0.9 percent from the previous month but decreased 9.5 percent from November last year. Prices for cattle, market eggs, milk, hogs, broilers, calves, turkeys, and lambs are all lower than a year earlier.

Meat animal: At 93.1, the November index was unchanged from the previous month but decreased 6.6 percent from a year earlier. At \$46.20 per cwt, the November hog price is \$4.10 lower than October and \$3.80 lower than a year earlier. The November beef cattle price of \$113.00 per cwt is \$3.00 higher than the previous month but \$6.00 lower than November 2017.

Dairy: The index for November, at 84.6, is down 2.3 percent from the previous month and 6.5 percent from November a year ago. The November all milk price of \$17.00 per cwt is 40 cents lower than October and \$1.20 lower than November 2017.

Poultry and egg: At 103.8, the November index increased 8.5 percent from October but decreased 9.4 percent from November 2017. The November market egg price, at 94.9 cents per dozen, is 25.4 cents higher than October but 28.1 cents lower than November 2017. The November broiler price, at 48.0 cents per pound, is 2.0 cents higher than October but 1.0 cent lower than a year ago. At 53.0 cents per pound, the November turkey price is 1.9 cents higher than the previous month but 4.7 cents lower than November 2017.

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

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

Index Group	2011 Base		
	November 2017	October 2018	November 2018
	(percent)	(percent)	(percent)
Agricultural production	91.4	85.1	88.1
Crop production	81.9	80.1	84.1
Grain and oilseed	61.7	64.7	62.2
Feed grain	52.8	57.0	57.0
Food grain	75.2	75.0	76.5
Oilseed	73.6	68.8	67.1
Fruit and tree nut	134.1	129.8	129.9
Vegetable and melon	108.2	97.5	142.9
Other crop	81.8	92.1	89.5
Livestock production	101.8	91.3	92.1
Meat animal	99.7	93.1	93.1
Cattle	106.2	98.4	100.4
Hog	75.2	75.6	69.5
Dairy	90.5	86.6	84.6
Poultry and egg	114.6	95.7	103.8
Food commodity	100.7	88.8	93.8

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

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

Index Group	1910 - 1914 Base		
	November 2017	October 2018	November 2018
	(percent)	(percent)	(percent)
Agricultural production	943	878	909
Crop production	714	699	734
Livestock production	1182	1060	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]

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	88.1	81.9	84.1	101.8	92.1	100.7	93.8
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]

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	108.7	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	109.1	103.4	106.1	107.6	110.6	103.8	107.3
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		105.4		108.5		106.2	

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

Commodity	2011 Base Price	November 2017	October 2018	November 2018
Field crops				
Austrian winter peas	dollars/cwt	19.50	(D)	(D)
Barley, all	dollars/bushel	4.79	4.60	4.27
Feed	dollars/bushel	4.59	2.80	2.97
Malting	dollars/bushel	4.83	4.81	4.47
Beans, dry edible	dollars/cwt	34.60	27.30	25.90
Canola	dollars/cwt	23.10	17.20	15.60
Chickpeas, all	dollars/cwt	35.70	27.40	21.10
Large	dollars/cwt	39.20	35.80	20.40
Small	dollars/cwt	23.40	21.70	21.40
Corn	dollars/bushel	6.02	3.15	3.41
Cotton, Upland	dollars/pound	0.880	0.673	0.723
Cottonseed	dollars/ton	131.00	144.00	146.00
Flaxseed	dollars/bushel	14.20	9.21	9.79
Hay, all, baled	dollars/ton	159.00	138.00	162.00
Alfalfa	dollars/ton	176.00	150.00	178.00
Other	dollars/ton	119.00	118.00	132.00
Lentils	dollars/cwt	27.50	26.90	22.30
Oats	dollars/bushel	3.42	2.68	2.68
Peanuts, in-shell	dollars/pound	0.252	0.227	0.221
Peas, dry edible	dollars/cwt	13.60	12.20	11.10
Rice, all	dollars/cwt	13.70	13.30	11.90
Long	dollars/cwt	12.30	11.20	10.90
Medium and short	dollars/cwt	18.40	17.60	15.60
Sorghum grain	dollars/cwt	10.70	5.38	5.71
Soybeans	dollars/bushel	12.50	9.22	8.58
Sunflowers, all	dollars/cwt	29.00	16.60	16.70
Wheat, all	dollars/bushel	7.44	4.72	5.22
Winter	dollars/bushel	6.93	4.07	5.21
Durum	dollars/bushel	9.22	6.55	4.91
Other spring	dollars/bushel	8.33	5.78	5.26
Hard red winter	dollars/bushel	7.07	3.84	5.06
Soft red winter	dollars/bushel	6.77	4.31	5.10
Hard red spring	dollars/bushel	8.38	5.89	5.25
White	dollars/bushel	6.58	4.58	5.39
Fruits				
Citrus, equivalent on-tree				
Grapefruit	dollars/box	7.47	19.88	20.36
Lemons	dollars/box	12.30	28.32	40.97
Oranges	dollars/box	8.16	16.47	19.02
Non-citrus, fresh				
Apples ¹	dollars/pound	0.325	0.399	0.416
Grapes ¹	dollars/ton	628.00	1,540.00	1,080.00
Peaches ¹	dollars/ton	507.00	(S)	(S)
Pears ¹	dollars/ton	559.00	832.00	663.00
Strawberries	dollars/cwt	104.00	164.00	67.30

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

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

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

Prices Received for Vegetables and Livestock – United States: November 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	November 2017	October 2018	November 2018
Vegetables, fresh ¹				
Asparagus	dollars/cwt 37.50	(NA)	(NA)	(S)
Beans, snap	dollars/cwt 69.00	72.30	(S)	99.00
Broccoli	dollars/cwt 41.60	54.80	56.50	70.70
Cantaloupes	dollars/cwt 16.50	29.60	27.60	35.00
Carrots	dollars/cwt 30.80	31.30	26.60	26.50
Cauliflower	dollars/cwt 47.00	73.20	46.40	95.50
Celery	dollars/cwt 22.50	29.60	20.20	30.50
Corn, sweet	dollars/cwt 30.70	54.70	30.50	45.80
Cucumbers	dollars/cwt 18.70	34.50	42.60	37.50
Lettuce	dollars/cwt 24.30	23.00	28.60	76.70
Onions ²	dollars/cwt 11.90	15.60	11.20	11.30
Potatoes	dollars/cwt 14.30	11.22	8.65	9.22
Tomatoes	dollars/cwt 51.20	62.40	39.60	55.50
Livestock				
Calves	dollars/cwt 142.00	177.00	174.00	169.00
Cattle, all beef	dollars/cwt 115.00	119.00	110.00	113.00
Cows ³	dollars/cwt 71.60	63.40	57.80	52.70
Steers and heifers	dollars/cwt 117.00	121.00	112.00	115.00
Milk cows ⁴	dollars/head 1,420.00	(NA)	1,230.00	(NA)
Hogs, all	dollars/cwt 66.50	50.00	50.30	46.20
Barrows and gilts	dollars/cwt 66.80	50.20	50.80	46.30
Sows	dollars/cwt 57.90	44.60	35.20	43.30
Dairy and poultry				
Milk, all ⁵	dollars/cwt 20.10	18.20	17.40	17.00
Fat test	percent 3.71	3.97	3.95	4.02
Broilers, live ⁶	dollars/pound 0.459	0.490	0.460	0.480
Eggs, all ⁷	dollars/dozen 0.969	1.38	0.918	1.14
Market ^{7 8}	dollars/dozen 0.796	1.23	0.695	0.949
Turkeys, live ⁹	dollars/pound 0.680	0.577	0.511	0.530
Adjusted for seasonal variation				
Eggs, all	dollars/dozen 0.979	1.09	1.05	0.899
Seasonal factor	percent 101	126	87	127
Milk, all	dollars/cwt 20.20	17.00	16.30	15.90
Seasonal factor	percent 100	107	107	107

(NA) Not available.

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

¹ Point of first sale.

² Includes some processing.

³ Beef cows and cull dairy cows sold for slaughter.

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

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

⁶ Live weight equivalent price.

⁷ Mid-month price.

⁸ Also referred to as table eggs.

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

Prices Received for 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		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 ¹			All hogs ²		
	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		43.10	48.60	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

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

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(S)	(D)
California	4.30	(D)	(D)
Colorado	3.18	4.54	4.51
Idaho	4.66	5.21	5.25
Illinois	4.44	4.81	5.00
Indiana	4.48	4.40	5.19
Kansas	3.45	4.81	4.71
Michigan	4.08	4.96	4.92
Minnesota	5.52	4.89	5.19
Missouri	4.52	4.91	5.13
Montana	5.42	5.30	5.18
Nebraska	3.48	5.34	4.47
North Carolina	4.23	5.39	4.97
North Dakota	5.90	5.03	5.05
Ohio	4.51	5.21	5.06
Oklahoma	3.32	4.94	4.67
Oregon	5.02	5.90	5.80
South Dakota	5.55	5.16	4.83
Texas	3.87	5.90	5.05
Washington	4.84	5.38	5.68
United States	4.72	5.22	5.23

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(S)	(D)
California	4.30	(D)	(D)
Colorado	3.18	4.54	4.51
Idaho	4.33	5.15	5.16
Illinois	4.44	4.81	5.00
Indiana	4.48	4.40	5.19
Kansas	3.45	4.81	4.71
Michigan	4.08	4.96	4.92
Minnesota	(D)	(D)	(D)
Missouri	4.52	4.91	5.13
Montana	4.78	5.20	4.86
Nebraska	3.48	5.34	4.47
North Carolina	4.23	5.39	4.97
North Dakota	3.74	4.37	4.40
Ohio	4.51	5.21	5.06
Oklahoma	3.32	4.94	4.67
Oregon	4.92	5.86	5.76
South Dakota	4.74	5.13	4.60
Texas	3.87	5.90	5.05
Washington	4.74	5.30	5.62
United States	4.07	5.21	5.20

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(S)	(S)	(S)
Idaho	(D)	(D)	(D)
Montana	(D)	5.44	4.98
North Dakota	6.39	4.72	4.66
United States	6.55	4.91	4.72

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

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

Prices Received for Spring Wheat – States and United States: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	(D)	(D)	(S)
Idaho	5.19	5.36	5.48
Minnesota	5.52	4.89	5.19
Montana	6.27	5.42	5.61
North Dakota	5.87	5.09	5.12
Oregon	5.66	6.07	5.98
South Dakota	6.08	5.18	5.14
Washington	5.46	5.72	5.94
United States	5.78	5.26	5.33

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(S)	(S)	(D)
Iowa	3.16	2.99	3.61
Michigan	3.22	3.44	3.59
Minnesota	2.16	2.48	2.61
Montana	(D)	(D)	(D)
Nebraska	(D)	3.06	(D)
New York	(S)	(D)	(D)
North Dakota	(D)	2.19	2.35
Oregon	(D)	(S)	(S)
Pennsylvania	3.87	4.29	(D)
South Dakota	2.33	2.56	2.62
Texas	(S)	(S)	(S)
Wisconsin	2.99	2.74	3.09
United States	2.68	2.68	2.72

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(S)
Colorado	4.69	(D)	4.65
Idaho	5.16	4.56	5.10
Minnesota	4.43	(D)	(D)
Montana	4.27	4.17	4.94
North Dakota	4.22	4.14	4.40
Washington	(D)	3.88	3.04
Wyoming	(D)	(S)	(D)
United States	4.60	4.27	4.78

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(D)	(D)	(S)
Idaho	3.00	2.92	3.30
Minnesota	(D)	(D)	(D)
Montana	2.67	3.46	4.10
North Dakota	2.77	2.72	3.30
Washington	(D)	3.14	3.04
Wyoming	(S)	(S)	(D)
United States	2.80	2.97	3.28

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(S)
Colorado	4.75	4.68	4.65
Idaho	5.33	4.82	5.19
Minnesota	4.43	(D)	(D)
Montana	4.38	4.29	4.96
North Dakota	4.56	4.38	4.49
Washington	(D)	(D)	(S)
Wyoming	(D)	(S)	(D)
United States	4.81	4.47	4.87

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama	4.06	4.02	3.96
Alaska	(S)	(S)	(S)
Arizona	(D)	(D)	(D)
Arkansas	3.27	3.58	3.68
California	(D)	(D)	(D)
Colorado	3.24	3.67	3.65
Connecticut	(S)	(S)	(S)
Delaware	(D)	(S)	(D)
Florida	(D)	(D)	(D)
Georgia	4.23	4.18	4.47
Hawaii	(S)	(S)	(S)
Idaho	(D)	4.38	4.47
Illinois	3.17	3.43	3.44
Indiana	3.32	3.44	3.49
Iowa	3.14	3.39	3.40
Kansas	3.14	3.52	3.48
Kentucky	3.37	3.58	3.66
Louisiana	3.57	3.73	3.80
Maine	(S)	(S)	(S)
Maryland	3.50	3.73	3.52
Massachusetts	(S)	(S)	(S)
Michigan	3.24	3.50	3.34
Minnesota	2.92	3.22	3.26
Mississippi	3.47	3.71	(D)
Missouri	3.17	3.46	3.54
Montana	(D)	(D)	(D)
Nebraska	3.20	3.41	3.45
Nevada	(S)	(S)	(S)
New Hampshire	(S)	(S)	(S)
New Jersey	(S)	(D)	(D)
New Mexico	(D)	(D)	(D)
New York	3.78	4.04	3.93
North Carolina	3.97	4.22	4.57
North Dakota	2.77	3.18	3.14
Ohio	3.37	3.47	3.48
Oklahoma	3.53	3.78	3.94
Oregon	(D)	(D)	(S)
Pennsylvania	3.74	3.85	3.87
Rhode Island	(S)	(S)	(S)
South Carolina	4.32	4.41	(D)
South Dakota	2.85	3.18	3.18
Tennessee	3.42	3.52	3.80
Texas	3.81	4.15	4.11
Utah	3.58	(D)	(D)
Vermont	(S)	(S)	(S)
Virginia	4.04	3.79	4.09
Washington	(D)	(D)	(D)
West Virginia	(D)	(D)	(D)
Wisconsin	3.12	3.38	3.35
Wyoming	(D)	(D)	3.59
United States ¹	3.15	3.41	3.41

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

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

¹ 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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas	(D)	(S)	(S)
Kansas	5.39	5.46	5.47
Louisiana	(D)	(S)	(S)
Missouri	5.09	(D)	5.83
Nebraska	4.70	5.59	5.38
Oklahoma	5.54	5.89	5.88
Texas	5.64	6.88	6.21
United States	5.38	5.71	5.54

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	8.61	8.80
Illinois	9.50	8.87	8.72
Indiana	9.41	8.64	8.58
Iowa	9.21	8.71	8.49
Kansas	8.90	7.92	7.81
Kentucky	9.49	8.73	8.67
Louisiana	9.72	8.79	8.82
Michigan	9.22	8.73	8.37
Minnesota	9.07	8.59	8.35
Mississippi	9.75	(D)	8.80
Missouri	9.27	8.60	8.48
Nebraska	8.83	8.33	8.00
North Carolina	9.35	8.86	8.58
North Dakota	8.80	8.35	8.03
Ohio	9.44	8.65	8.67
South Dakota	8.81	7.98	7.90
Tennessee	9.66	8.77	8.70
Wisconsin	9.40	8.70	8.28
United States	9.22	8.58	8.37

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

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

State	November 2017	October 2018	November 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	57.80	(D)	(D)
Colorado	(D)	46.90	27.20
Idaho	29.30	22.30	22.90
Michigan	28.50	28.50	25.80
Minnesota	27.80	32.30	27.70
Nebraska	(D)	(D)	(D)
North Dakota	24.30	23.70	23.60
United States	27.30	25.90	25.90

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

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

State	November 2017	October 2018	November 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.217	0.220	0.209
Arkansas	0.210	0.196	0.198
Florida	0.234	0.218	0.219
Georgia	0.210	0.208	0.172
Mississippi	0.181	0.208	0.201
New Mexico	0.261	0.236	0.334
North Carolina	0.238	0.240	0.238
Oklahoma	0.256	0.243	0.237
South Carolina	0.217	0.216	0.208
Texas	0.304	0.265	0.266
Virginia	0.241	0.222	0.212
United States	0.227	0.221	0.212

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

State	November 2017	October 2018	November 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	18.80	(D)	19.90
Minnesota	17.00	18.10	18.40
North Dakota	16.90	17.00	16.90
South Dakota	15.70	16.30	16.10
United States	16.60	16.70	17.00

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

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

State	November 2017	October 2018	November 2018
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	16.00	14.50	13.20
North Dakota	17.20	15.60	16.10
Oklahoma	(S)	(S)	(S)
United States	17.20	15.60	16.00

(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: November 2018 with Comparisons

State	November 2017	October 2018	November 2018
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.21	9.79	9.76
United States	9.21	9.79	9.76

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	November 2017	October 2018	November 2018	November 2017	October 2018	November 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.683	0.780	0.738	117.00	111.00	116.00
Arizona	(D)	(D)	(D)	202.00	175.00	167.00
Arkansas	(D)	0.689	0.709	152.00	165.00	145.00
California	(D)	(S)	(S)	241.00	277.00	270.00
Georgia	0.716	0.787	0.793	115.00	109.00	109.00
Louisiana	0.691	0.747	0.760	188.00	142.00	140.00
Mississippi	0.691	0.722	0.744	163.00	152.00	155.00
North Carolina	0.669	0.767	0.763	113.00	123.00	128.00
Tennessee	(D)	0.744	0.738	130.00	(D)	(D)
Texas	0.662	0.728	0.717	141.00	144.00	163.00
United States	0.673	0.723	0.730	144.00	146.00	152.00

(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: November 2018 with Comparisons

Item	November 2017	October 2018	November 2018
Cotton, Upland			
Average price dollars/pound	0.673	0.723	0.730
Marketings ¹ 1,000 bales	2,411	1,233	2,167
Rice, all			
Average price dollars/cwt	13.30	11.90	12.20
Marketings ² 1,000 cwt	14,111	14,485	13,233
Rice, long			
Average price dollars/cwt	11.20	10.90	10.90
Marketings ² 1,000 cwt	9,380	11,374	9,455
Rice, medium and short			
California			
Average price dollars/cwt	19.30	17.30	17.40
Other States ³			
Average price dollars/cwt	11.10	11.70	11.80
United States			
Average price dollars/cwt	17.60	15.60	15.40
Marketings ² 1,000 cwt	4,731	3,111	3,778

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

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

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

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

State	All hay			Alfalfa hay			Other hay		
	November 2017	October 2018	November 2018	November 2017	October 2018	November 2018	November 2017	October 2018	November 2018
	(dollars per ton)								
Alabama ¹	100.00	87.00	82.00	(S)	(S)	(S)	(S)	(S)	(S)
Alaska ¹	350.00	360.00	360.00	(S)	(S)	(S)	(S)	(S)	(S)
Arizona	171.00	190.00	190.00	170.00	190.00	190.00	180.00	200.00	200.00
Arkansas ¹	100.00	113.00	113.00	(S)	(S)	(S)	99.00	(S)	(S)
California	172.00	191.00	194.00	185.00	200.00	205.00	130.00	155.00	155.00
Colorado	171.00	215.00	225.00	170.00	215.00	225.00	180.00	215.00	225.00
Connecticut ¹	(S)								
Delaware ¹	(S)								
Florida ¹	149.00	168.00	162.00	(S)	(S)	(S)	(S)	(S)	(S)
Georgia ¹	122.00	90.00	88.00	(S)	(S)	(S)	(S)	(S)	(S)
Hawaii ¹	(S)								
Idaho	142.00	154.00	161.00	140.00	155.00	160.00	160.00	150.00	170.00
Illinois	127.00	151.00	156.00	145.00	170.00	170.00	85.00	115.00	120.00
Indiana ¹	190.00	157.00	157.00	195.00	185.00	185.00	150.00	130.00	130.00
Iowa	128.00	128.00	124.00	133.00	135.00	127.00	103.00	117.00	113.00
Kansas	113.00	150.00	149.00	131.00	172.00	174.00	79.00	112.00	103.00
Kentucky	122.00	159.00	159.00	205.00	215.00	215.00	105.00	145.00	145.00
Louisiana ¹	96.00	105.00	105.00	(S)	(S)	(S)	(S)	(S)	(S)
Maine ¹	(S)								
Maryland ¹	(S)								
Massachusetts ¹	(S)								
Michigan	150.00	145.00	156.00	160.00	155.00	165.00	135.00	130.00	140.00
Minnesota	115.00	121.00	136.00	134.00	138.00	156.00	84.00	100.00	115.00
Mississippi ¹	90.00	99.00	100.00	(S)	(S)	(S)	(S)	(S)	100.00
Missouri	101.00	120.00	121.00	150.00	160.00	160.00	85.00	110.00	110.00
Montana	144.00	138.00	143.00	145.00	140.00	145.00	140.00	125.00	130.00
Nebraska	85.00	101.00	108.00	90.00	110.00	118.00	73.00	82.00	85.00
Nevada	169.00	175.00	166.00	170.00	175.00	165.00	160.00	180.00	180.00
New Hampshire ¹	(S)								
New Jersey ¹	(S)								
New Mexico	177.00	219.00	236.00	180.00	230.00	250.00	160.00	160.00	160.00
New York	142.00	144.00	161.00	244.00	175.00	185.00	131.00	132.00	152.00
North Carolina ¹	115.00	122.00	127.00	(S)	(S)	(S)	115.00	(S)	(S)
North Dakota	102.00	78.00	90.00	104.00	85.00	92.00	78.00	63.00	71.00
Ohio	124.00	146.00	151.00	180.00	175.00	180.00	110.00	120.00	125.00
Oklahoma	76.00	85.00	101.00	125.00	171.00	165.00	65.00	72.00	88.00
Oregon	180.00	204.00	193.00	180.00	205.00	195.00	180.00	200.00	190.00
Pennsylvania	169.00	185.00	198.00	191.00	202.00	217.00	163.00	181.00	193.00
Rhode Island ¹	(S)								
South Carolina ¹	134.00	119.00	129.00	(S)	(S)	(S)	134.00	(S)	(S)
South Dakota	108.00	99.00	98.00	115.00	106.00	104.00	95.00	84.00	87.00
Tennessee ¹	121.00	122.00	132.00	(S)	(S)	(S)	120.00	(S)	(S)
Texas	112.00	132.00	129.00	174.00	198.00	203.00	105.00	116.00	117.00
Utah	140.00	175.00	175.00	140.00	175.00	175.00	120.00	135.00	135.00
Vermont ¹	(S)								
Virginia ¹	125.00	141.00	152.00	(S)	(S)	(S)	120.00	130.00	140.00
Washington	160.00	186.00	184.00	150.00	185.00	185.00	190.00	190.00	180.00
West Virginia ¹	(S)								
Wisconsin	130.00	155.00	176.00	138.00	165.00	180.00	103.00	132.00	159.00
Wyoming	138.00	162.00	170.00	140.00	170.00	175.00	130.00	140.00	145.00
United States ²	138.00	162.00	161.00	150.00	178.00	175.00	118.00	132.00	137.00

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

¹ States added September 2017.

² 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: November 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		
	November 2017	October 2018	November 2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California	(S)	0.421	0.415
Michigan	0.420	0.550	0.455
New York	0.417	0.413	0.403
Pennsylvania	0.385	0.408	0.392
Virginia	0.330	0.290	0.280
Washington	0.396	0.398	0.402
United States	0.399	0.416	0.404

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

Prices Received for Citrus Fruits by Utilization – States and United States: November 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)
Grapefruit							
California	(D)	23.35	(D)	(S)	20.94	(D)	(S)
Florida, all	39.40	22.82	29.03	12.71	19.69	26.24	9.00
White	44.00	21.41	33.65	13.10	18.29	30.95	9.70
Red	38.90	23.07	28.55	12.60	19.93	25.75	8.80
Texas	36.50	19.53	24.90	(D)	17.96	23.29	(D)
United States	37.40	22.91	27.70	12.71	19.88	25.00	9.00
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	51.40	34.18	41.37	(D)	27.91	34.85	(D)
United States	51.50	34.60	41.47	(D)	28.32	34.95	(D)
Oranges							
California, all	40.70	27.85	30.78	(D)	25.07	28.02	(D)
Navel and miscellaneous	40.70	27.85	30.78	(D)	25.07	28.02	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	35.50	10.41	24.70	8.15	7.33	21.40	5.10
Early and mids	35.50	10.41	24.70	8.15	7.33	21.40	5.10
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all	42.50	25.81	30.90	(D)	24.01	29.07	(D)
Early and mids	42.50	25.81	30.90	(D)	24.01	29.07	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	40.10	19.39	30.02	7.33	16.47	27.19	4.29

(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: October 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)
Grapefruit							
California	(D)	17.30	(D)	(D)	14.48	(D)	(D)
Florida, all	42.90	29.06	32.58	12.58	26.10	29.79	8.83
White	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red	43.30	29.59	32.95	12.70	26.63	30.15	8.90
Texas	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	37.40	23.25	28.40	6.72	20.36	25.78	2.94
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	60.40	46.51	50.17	(D)	39.97	43.52	(D)
United States	61.70	47.50	51.42	(D)	40.97	44.77	(D)
Oranges							
California, all	37.10	21.65	27.06	(D)	18.81	24.27	(D)
Navel and miscellaneous	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Valencia	40.00	20.70	30.08	(D)	17.87	27.32	(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	37.30	21.92	27.12	(D)	19.02	24.24	(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: 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)
Grapefruit							
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
Lemons							
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)
Oranges							
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 Hops – States and United States: 2016 - 2018

State	2016	2017	2018
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Idaho	5.50	5.00	5.30
Oregon	5.25	5.00	5.40
Washington	5.84	5.80	5.50
United States	5.72	5.60	5.46

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

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

State	November 2017		October 2018		November 2018	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	16.70	3.72	16.80	3.72	16.40	3.79
California	16.85	3.95	16.46	3.90	16.44	3.97
Colorado	18.50	3.81	18.20	3.85	17.60	3.87
Florida	21.50	3.77	21.40	3.69	20.80	3.71
Idaho	18.10	4.06	16.80	4.02	16.20	4.12
Illinois	19.20	3.99	17.70	4.00	17.10	4.07
Indiana	17.90	3.88	17.20	3.76	17.20	3.85
Iowa	18.80	4.04	17.90	4.06	16.50	4.06
Kansas	17.80	3.91	16.60	3.96	16.00	4.06
Michigan	16.60	3.85	16.50	3.70	16.10	3.76
Minnesota	18.80	4.06	17.90	4.16	16.80	4.19
New Mexico	17.10	3.77	15.80	3.77	15.30	3.88
New York	18.30	3.95	18.10	3.89	17.80	4.01
Ohio	18.70	3.99	17.50	3.81	17.50	3.90
Oregon	20.80	4.12	19.90	4.19	19.60	4.24
Pennsylvania	18.90	3.92	18.10	3.85	18.00	3.97
South Dakota	19.60	4.26	18.70	4.30	17.60	4.38
Texas	19.20	4.19	17.50	4.24	17.50	4.35
Utah	18.40	3.93	17.50	3.96	16.80	4.04
Vermont	18.60	3.90	18.50	3.96	18.20	4.06
Virginia	19.70	3.87	19.20	3.78	19.00	3.94
Washington	18.30	4.12	18.30	4.19	17.80	4.24
Wisconsin	19.10	3.97	17.60	3.98	16.90	4.06
United States	18.20	3.97	17.40	3.95	17.00	4.02

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: November 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			
		November 2017	October 2018	November 2018	November 2017	October 2018	November 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
Basic commodities								
All wheat	bushel	0.598	17.80	17.70	17.60	27	29	30
Rice	cwt	1.36	39.70	40.30	40.10	34	30	30
Corn	bushel	0.450	13.10	13.30	13.30	24	26	26
Cotton								
Upland	pound	0.068	1.93	2.01	2.01	35	36	36
American Pima	pound	0.136	3.88	4.03	4.01	35	34	35
Peanuts	pound	0.023	0.672	0.681	0.679	34	32	31
Small chickpeas ¹	cwt	2.41	67.50	71.30	71.10	32	30	30
Large chickpeas ¹	cwt	3.28	94.30	97.10	96.80	38	21	21
Lentils ¹	cwt	2.65	74.20	78.40	78.20	36	28	23
Designated non-basic								
All milk, to plants ²	cwt	1.77	52.60	52.40	52.20	32	31	30
Honey, extracted ³	pound	0.175	4.79	5.18	5.16	43	40	40
Wool and mohair								
Wool	pound	0.131	3.68	3.88	3.86	39	38	38
Mohair	pound	0.406	11.50	12.00	12.00	40	42	42
Other non-basic								
Apples, fresh ⁴	pound	0.035	0.993	1.040	1.030	40	40	39
Barley	bushel	0.506	14.50	15.00	14.90	32	28	32
Canola	cwt	1.88	55.20	55.60	55.50	31	28	29
Cottonseed	ton	20.20	596.00	598.00	596.00	24	24	26
Dry edible beans	cwt	3.26	94.30	96.50	96.20	29	27	27
Flaxseed	bushel	1.15	33.60	34.00	33.90	27	29	29
Oats	bushel	0.292	8.53	8.64	8.61	31	31	32
Potatoes, fresh	cwt	1.11	33.60	32.90	32.70	33	26	28
Sorghum grain	cwt	0.760	22.40	22.50	22.40	24	25	25
Soybeans	bushel	1.11	31.80	32.90	32.70	29	26	26
Sunflower, all	cwt	2.18	63.40	64.50	64.30	26	26	26
Citrus (equivalent on-tree)								
Grapefruit	box	0.737	19.40	21.80	21.70	102	93	87
Lemons	box	1.87	51.10	55.40	55.20	55	74	59
Oranges	box	0.909	25.60	26.90	26.80	64	71	59
Livestock and poultry								
Beef cattle	cwt	11.40	324.00	337.00	336.00	37	33	34
Broilers	pound	0.051	1.46	1.51	1.50	34	30	32
Calves	cwt	16.50	470.00	488.00	487.00	38	36	35
Eggs ²	dozen	0.101	2.98	2.99	2.98	37	35	30
Hogs	cwt	5.66	163.00	168.00	167.00	31	30	28
Turkeys, live	pound	0.066	1.900	1.950	1.950	30	26	27

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

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

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

Commodity Parity Prices – United States: November 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			
		November 2017	October 2018	November 2018	
	(dollars)	(dollars)	(dollars)	(dollars)	
Field crops and miscellaneous					
Hops	pound	0.394	10.70	11.70	11.60
Mustard seed	cwt	3.32	95.80	98.30	97.90
Rapeseed	cwt	2.72	78.50	80.50	80.20
Rye	bushel	0.629	18.50	18.60	18.60
Safflower	cwt	2.24	65.40	66.30	66.10
Spearmint oil	pound	1.73	49.60	51.20	51.00
Sweet potatoes	cwt	2.04	59.60	60.40	60.20
Tobacco					
Flue-cured, 11-14	pound	0.184	5.29	5.45	5.43
Fire-cured, 21-23	pound	0.254	7.33	7.52	7.49
Burley, 31	pound	0.180	5.20	5.33	5.31
Maryland, 32	pound	0.171	4.96	5.06	5.04
Dark air-cured, 35-37	pound	0.228	6.60	6.75	6.73
Pennsylvania seedleaf, 41	pound	0.196	5.52	5.80	5.78
Non-citrus fruit					
Apples, processing ^{1 2}	ton	20.20	572.00	598.00	596.00
Apricots					
Fresh ³	ton	121.00	3,390.00	3,580.00	3,570.00
Dried (California)	ton	313.00	8,700.00	9,260.00	9,230.00
Avocados ^{2 3}	ton	200.00	5,340.00	5,920.00	5,900.00
Cherries					
Sweet	ton	215.00	6,220.00	6,360.00	6,340.00
Tart ²	pound	0.032	0.934	0.947	0.944
Cranberry ^{2 4}	barrel	3.86	119.00	114.00	114.00
Dates (California) ³	ton	159.00	4,200.00	4,710.00	4,690.00
Grapes (California)					
Raisin variety ⁵	ton	147.00	4,090.00	4,350.00	4,340.00
Wine, processing	ton	71.90	(NA)	2,130.00	2,120.00
Kiwifruit ²	ton	105.00	3,040.00	3,110.00	3,100.00
Nectarines, fresh (California) ³	ton	72.90	1,960.00	2,160.00	2,150.00
Olives, canning (California) ⁴	ton	106.00	2,890.00	3,140.00	3,130.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: November 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		
		November 2017	October 2018	November 2018
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.042	1.20	1.24	1.24
Peaches				
Fresh ^{4 6} ton	97.20	2,650.00	2,880.00	2,870.00
Dried (California) ^{1 5} ton	43.20	1,270.00	1,280.00	1,270.00
Processing, excludes dried Clingstone (California) ⁴ ton	37.80	1,060.00	1,120.00	1,120.00
Pears, Fresh ⁶ ton	63.50	1,760.00	1,880.00	1,870.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	68.40	1,900.00	2,020.00	2,020.00
Prunes, dried (California) ^{1 2 5} ton	171.00	4,670.00	5,060.00	5,040.00
Strawberries				
Fresh ¹⁰ pound	9.61	256.00	284.00	283.00
Processing pound	3.62	102.00	107.00	107.00
Sugar crops				
Sugar beets ^{2 8} ton	5.10	149.00	151.00	150.00
Sugarcane ^{2 8} ton	3.47	101.00	103.00	102.00
Tree nuts ⁹				
Almonds pound	0.242	6.89	7.16	7.14
Hazelnuts ton	235.00	6,800.00	6,960.00	6,930.00
Pistachios pound	0.237	6.89	7.02	6.99
Walnuts ton	236.00	6,830.00	6,990.00	6,960.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.78	79.70	82.30	82.00
Cauliflower ¹¹ cwt	4.59	131.00	136.00	135.00
Celery ¹¹ cwt	1.98	59.30	58.60	58.40
Honeydew melons cwt	2.02	56.10	59.80	59.60
Lettuce cwt	2.43	67.20	71.90	71.70
Onions ¹¹ cwt	1.41	40.00	41.70	41.60
Tomatoes cwt	4.05	117.00	120.00	119.00

(NA) Not available.

¹ Equivalent returns at processing plant door.

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

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

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

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

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

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

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

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.

November Prices Paid by Farmers

The November Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.0, is down 0.4 percent from October 2018 but up 1.8 percent from November 2017.

Production: The November index, at 105.8, is down 0.4 percent from October but up 0.8 percent from November 2017. Lower prices for feeder cattle, LP gas, herbicides, and complete feeds more than offset higher prices for feeder pigs, tractors, nitrogen, and supplements.

Feed: At 95.7, the November index was unchanged from October but up 3.7 percent from last November. Since October, lower prices for complete feeds and concentrates offset higher prices for supplements, hay and forages, and feed grains.

Livestock and poultry: The November index, at 105.3, decreased 2.0 percent from October and 7.2 percent from November last year. Since October, lower price for feeder cattle more than offset higher price for feeder pigs. The November feeder cattle price, at \$150.00 per cwt, is down \$5.00 from October. The November feeder pigs price of \$111.00 per cwt, is up \$11.00 from October.

Fertilizer: The index for November, at 69.4, is up 1.8 percent from October and 9.5 percent from November a year ago. The prices for nitrogen, mixed fertilizer, and potash and phosphate are all higher than the previous month.

Chemicals: The November index, at 99.1, is down 2.7 percent from October and 3.5 percent from November last year.

Fuels: At 66.9, the November index is down 7.1 percent from October and 1.9 percent from November 2017. Compared with October, the prices for LP gas, gasoline, and diesel are all lower than the previous month.

Machinery: The index for November, at 121.0, increased 0.8 percent from October and 2.6 percent from November last year. Compared with last month, the prices for tractors, other machinery, and self-propelled machinery are all higher than the previous month.

Consumer Price Index: The November 2018 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.2 percent over the last 12 months to an index level of 252.038 (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: November 2018 with Comparisons

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

Index Group and Ratios	1910-1914 Base			2011 Base		
	November 2017	October 2018	November 2018	November 2017	October 2018	November 2018
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2898	2960	2950	107.1	109.4	109.0
Production	2185	2211	2202	105.0	106.2	105.8
Feed	1017	1054	1054	92.3	95.7	95.7
Livestock and poultry	2242	2123	2078	113.5	107.5	105.3
Seeds	3934	3885	3885	119.7	118.2	118.2
Fertilizer	764	821	836	63.4	68.2	69.4
Chemicals	923	915	890	102.7	101.9	99.1
Fuels	1909	2013	1871	68.2	72.0	66.9
Supplies and repairs	1281	1337	1338	108.6	113.4	113.4
Autos and trucks	3229	3223	3229	105.0	104.9	105.0
Machinery	7203	7335	7393	117.9	120.0	121.0
Building materials	2596	2733	2724	111.6	117.5	117.1
Services and rent	2486	2478	2476	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	112.4	114.9	114.7
Rent	(NA)	(NA)	(NA)	123.8	119.5	119.5
Interest ¹	4092	4327	4327	112.2	118.7	118.7
Taxes ²	6904	6952	6952	116.3	117.1	117.1
Wage rates	8588	9260	9260	119.9	129.3	129.3
Family living-CPI ³	2343	2402	2394	109.7	112.4	112.1
Production, interest, taxes, and wage rates (PITW)	3009	3071	3060	106.7	108.9	108.5
Ratio (received/paid)	(NA)	(NA)	(NA)	85	78	81
Parity ratio ⁴	33	30	31	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	31	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1497	1635	1633	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	108.3	111.0	110.7
Livestock sector (PPITW)	(NA)	(NA)	(NA)	105.9	107.5	107.0
Farm sector (production)	(NA)	(NA)	(NA)	104.7	103.7	103.0
Non-farm sector (production)	(NA)	(NA)	(NA)	105.1	107.7	107.4

(NA) Not available.

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

² Farm real estate taxes payable per acre.

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

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

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

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

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: November 2018 with Comparisons

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

Index Group	Relative weights		Indexes (2011=100)		
	2017	2018	November 2017	October 2018	November 2018
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	74.9	73.5	105.0	106.2	105.8
Feed	13.4	13.3	92.3	95.7	95.7
Feed grains	1.9	1.9	53.9	57.6	57.8
Complete feeds	6.6	6.5	100.8	102.0	101.5
Hay and forages	1.7	1.6	90.6	104.9	105.5
Concentrates	2.1	2.1	93.1	95.7	95.0
Supplements	1.1	1.2	108.9	110.1	112.9
Livestock and poultry	10.3	8.2	113.5	107.5	105.3
Feeder cattle	8.0	6.4	115.5	113.4	109.7
Feeder pigs	0.8	0.6	100.0	71.4	79.3
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	63.4	68.2	69.4
Mixed fertilizer	2.6	2.3	65.4	69.0	70.0
Nitrogen	2.4	2.2	62.8	68.1	70.0
Potash and phosphate	0.8	0.7	59.1	65.7	66.0
Chemicals	3.3	3.6	102.7	101.9	99.1
Herbicides	2.0	2.3	105.0	104.0	101.2
Insecticides	0.8	0.8	101.5	100.3	97.6
Fungicides and other	0.5	0.5	94.6	94.6	92.0
Fuels	2.5	2.4	68.2	72.0	66.9
Diesel	1.6	1.5	61.1	68.4	67.1
Gasoline	0.5	0.5	66.5	71.2	66.2
LP gas	0.4	0.4	96.8	86.2	67.0
Supplies and repairs	4.4	4.6	108.6	113.4	113.4
Supplies	1.5	1.6	108.3	113.2	113.2
Repairs	2.9	3.0	108.8	113.5	113.5
Autos and trucks	1.2	1.3	105.0	104.9	105.0
Autos	0.1	0.2	99.0	99.6	99.8
Trucks	1.1	1.1	105.9	105.7	105.8
Machinery	5.6	5.6	117.9	120.0	121.0
Tractors	1.2	1.2	112.9	112.4	116.0
Self-propelled	2.3	2.3	120.9	124.6	124.7
Other machinery	2.1	2.1	117.6	119.6	120.0
Building materials	3.9	4.0	111.6	117.5	117.1
Services	11.5	12.1	112.4	114.9	114.7
Custom rates	1.2	1.3	114.3	113.3	113.3
Other services	10.3	10.8	112.2	115.0	114.9
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	119.9	129.3	129.3
Family living-CPI	13.2	13.7	109.7	112.4	112.1

Feed Price Ratios – United States: November 2018 with Comparisons

Feed price ratio ¹	November 2017	October 2018	November 2018
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.0	4.8	5.1
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	15.3	8.5	11.8
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	15.9	14.8	13.5
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	2.54	2.20	2.18
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	38.4	32.8	33.7
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	6.5	5.7	6.0

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

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

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

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

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

Prices Received Used to Calculate Feed Price Ratios – United States: November 2018 with Comparisons

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

Item	November 2017	October 2018	November 2018
	(dollars)	(dollars)	(dollars)
Broilers, livepound	0.490	0.460	0.480
Eggs, marketdozen	1.23	0.695	0.949
Hogs, allcwt	50.00	50.30	46.20
Milk, allcwt	18.20	17.40	17.00
Steers and heiferscwt	121.00	112.00	115.00
Turkeys, livepound	0.577	0.511	0.530
Cornbushel	3.15	3.41	3.41
Hay, alfalfaton	150.00	178.00	175.00
Soybeansbushel	9.22	8.58	8.37
Wheat, allbushel	4.72	5.22	5.23

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

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

Item	November 2017	October 2018	November 2018
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	158.00	155.00	150.00
Feeder pigscwt	140.00	100.00	111.00

Prices Paid by Farmers and Ranchers for Beef Cattle Production

The 2018 Prices Paid Index for Beef Cattle Production is 993 percent of its 1964-1968 base, up 3.1 percent from the previous year and 7.5 percent from two years ago.

The data presented in the following tables are calculated and published for use by the United States Forest Service, United States Department of Agriculture and the Bureau of Land Management, United States Department of the Interior in computing Public Land Grazing Fees.

The Index of Prices Paid by Farmers and Ranchers for Beef Cattle Production input items is for the period of November through October. The components of this index include the production indexes of Fuels, Supplies & Repairs, Autos & Trucks, Tractors & Self Propelled Machinery, Other Machinery, Building Materials, Interest, Wage Rates, and Farm Services & Rent. These components are weighted to the overall index value by their importance in the cost of producing beef cattle. The weights are prescribed by Federal Regulation Title 43, Subpart 4100 and Executive Order 12548.

Prices Paid Index for Beef Cattle Production, 1964-1968 Base – United States: 2016 through 2018

[Average for November through October grazing season]

Index	2016 ¹	2017 ²	2018 ³
	(percent)	(percent)	(percent)
Beef Cattle Production	924	963	993

¹ November 2015 through October 2016

² November 2016 through October 2017

³ November 2017 through October 2018

Prices Received for Beef Cattle – Selected Regions: 2016 through 2018

[Average for November through October grazing season]

State	2016 ¹	2017 ²	2018 ³
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
17 Western States ⁴	121.08	116.76	114.30
16 Western States ⁵	120.40	116.02	113.46
11 Western States ⁶	117.78	112.36	109.89
9 Great Plains States ⁷	122.18	118.09	115.61

¹ November 2015 through October 2016

² November 2016 through October 2017

³ November 2017 through October 2018

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

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

⁶ 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

⁷ 9 Great Plain States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

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 in your email client to avoid the emails going into spam/junk folders.

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

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Price Program Links

Economics and Prices

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

January 2014 Price Program Update

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

January 2015 Price Program Update

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

April 2015 Price Program Update

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

February 2016 Price Program Update

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



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