



Agricultural Prices

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April Prices Received Index Up 1.1 Percent

The April Prices Received Index (Agricultural Production), at 92.9, increased 1.1 percent from March 2019. At 84.7, the Crop Production Index decreased 1.2 percent. The Livestock Production Index, at 100.0, increased 2.6 percent. Producers received higher prices for hogs, broilers, hay, and milk but lower prices for lettuce, market eggs, strawberries, and corn. Compared with a year earlier, the Prices Received Index is up 0.1 percent. The Crop Production Index decreased 4.3 percent and the Livestock Production Index increased 4.6 percent. The indexes are calculated using commodity prices and volumes of commodities that producers market. Increased monthly movement of milk, strawberries, oranges, and broilers offset the decreased marketing of corn, cattle, soybeans, and hay. The Food Commodities Index, at 97.5, increased 0.3 percent from the previous month and 1.6 percent from April 2018.

April Prices Paid Index Up 0.5 Percent

The April Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 111.1, is up 0.5 percent from March 2019 and 2.3 percent from April 2018. Higher prices in April for feeder pigs, feeder cattle, hay and forages, and gasoline more than offset lower prices for nitrogen, herbicides, feed grains, and supplements.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: April 2019 with Comparisons

Index Group	April 2018	March 2019	April 2019
	(percent)	(percent)	(percent)
Prices received by farmers	92.8	91.9	92.9
Prices paid by farmers	108.6	110.6	111.1
Ratio of prices received to prices paid	85	83	84

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April Prices Received by Farmers

The April Prices Received Index for agricultural production is 92.9 percent of its 2011 base, up 1.1 percent from the March 2019 index and 0.1 percent from the April 2018 index.

Crop production: The April index, at 84.7, is 1.2 percent lower than March and 4.3 percent lower than April 2018. The vegetable & melon, fruit & tree nut, and grain & oilseed index decreases more than offset other crop index increases.

Grain and oilseed: The April index, at 63.4, is down 2.0 percent from March and 8.9 percent from April 2018. Feed grain, food grain, and oilseed and feed grain indexes all decreased from the previous month and the previous year.

Feed grain: The April index, at 58.8, decreased 2.8 percent from last month and 1.8 percent from a year ago. The corn price, at \$3.52 per bushel, is down 9 cents from last month and 6 cents from April 2018. At \$5.40 per cwt, sorghum grain is 46 cents below March and 72 cents below April a year earlier.

Food grain: At 72.5, the index for April is down 2.3 percent from the previous month and 8.5 percent from a year ago. The April price for all wheat, at \$4.93 per bushel, is 26 cents lower than March and 35 cents lower than April 2018.

Oilseed: At 67.0, the index for April decreased 1.2 percent from March and 15.4 percent from April 2018. The soybean price, at \$8.28 per bushel, is 24 cents lower than March and \$1.57 lower than April a year earlier.

Fruit and tree nut: The April index, at 112.1, is down 6.1 percent from March and 8.5 percent from a year earlier. Price decreases during April for strawberries, oranges, and lemons more than offset the price increase for grapefruit.

Vegetable and melon: At 115.6, the index for April decreased 20.1 percent from the previous month but increased 21.8 percent from April 2018. Price decreases during April for lettuce, broccoli, cauliflower, and tomatoes more than offset price increases for celery, onions, sweet corn, and potatoes.

Other crop: The April index, at 88.2, is up 2.8 percent from the previous month and 6.5 percent from April 2018. The all hay price, at \$184.00 per ton, is \$14.00 higher than March and \$22.00 higher than April 2018. At 70.3 cents per pound, the price for upland cotton is 1.5 cents higher than March and 2.6 cents higher than April 2018.

Livestock production: The index for April, at 100.0, increased 2.6 percent from the previous month and 4.6 percent from April a year earlier. Compared with a year ago, prices are higher for milk, hogs, cattle, and turkeys. Prices for broilers and market eggs are lower than a year earlier.

Meat animal: At 104.5, the April index increased 4.4 percent from the previous month and 8.5 percent from a year earlier. At \$59.40 per cwt, the April hog price is \$12.90 higher than March and \$14.10 higher than a year earlier. The April beef cattle price of \$125.00 per cwt is \$1.00 lower than the previous month but \$6.00 higher than April 2018.

Dairy: The index for April, at 88.1, is up 1.1 percent from the previous month and 12.8 percent from April a year ago. The April all milk price of \$17.70 per cwt is 20 cents higher than March and \$2.00 higher than April 2018.

Poultry and egg: At 103.0, the April index increased 0.8 percent from March but decreased 20 percent from April 2018. The April market egg price, at 37.3 cents per dozen, is 26.6 cents lower than March and 63.7 cents lower than April 2018. The April broiler price, at 55.0 cents per pound, is 4.0 cents higher than March but 10.0 cents lower than a year ago. At 55.6 cents per pound, the April turkey price is 2.4 cents higher than the previous month and 5.6 cents higher than April 2018.

Prices Received Indexes, 2011 Base – United States: April 2019 with Comparisons

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

Index Group	2011 Base		
	April 2018	March 2019	April 2019
	(percent)	(percent)	(percent)
Agricultural production	92.8	91.9	92.9
Crop production	88.5	85.7	84.7
Grain and oilseed	69.6	64.7	63.4
Feed grain	59.9	60.5	58.8
Food grain	79.2	74.2	72.5
Oilseed	79.2	67.8	67.0
Fruit and tree nut	122.5	119.4	112.1
Vegetable and melon	94.9	144.7	115.6
Other crop	82.8	85.8	88.2
Livestock production	95.6	97.5	100.0
Meat animal	96.3	100.1	104.5
Cattle	104.6	110.3	109.7
Hog	68.1	69.9	89.3
Dairy	78.1	87.1	88.1
Poultry and egg	129.4	102.2	103.0
Food commodity	96.0	97.2	97.5

Prices Received Indexes, 1910-1914 Base – United States: April 2019 with Comparisons

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

Index Group	1910 - 1914 Base		
	April 2018	March 2019	April 2019
	(percent)	(percent)	(percent)
Agricultural production	958	948	958
Crop production	771	747	739
Livestock production	1110	1132	1161

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2018 and 2019

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

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	86.1	85.2	78.7	77.3	94.4	97.2	92.7	92.3
February	91.0	89.4	86.9	83.9	93.9	94.7	95.3	94.0
March	95.1	91.9	88.0	85.7	99.7	97.5	99.9	97.2
April	92.8	92.9	88.5	84.7	95.6	100.0	96.0	97.5
May	94.8		89.1		98.3		98.2	
June	95.1		90.3		98.5		98.9	
July	91.7		86.9		95.6		95.0	
August	89.8		89.9		89.7		92.3	
September	88.4		88.1		88.7		90.9	
October	85.2		80.1		91.4		88.9	
November	88.4		84.1		92.6		94.1	
December	90.1		87.6		92.4		94.5	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2018 and 2019

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

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	108.2	110.0	105.4	107.0	109.5	110.9	106.8	109.0
February	108.9	110.5	106.3	107.6	109.7	111.8	108.1	109.1
March	109.0	110.6	106.3	107.6	109.9	111.6	107.9	109.5
April	108.6	111.1	106.1	108.1	109.6	111.4	107.6	110.6
May	109.1		106.6		109.9		108.2	
June	108.9		106.3		109.9		107.7	
July	109.0		106.0		110.3		107.6	
August	109.2		106.2		110.4		107.8	
September	109.2		106.2		110.5		107.7	
October	109.8		106.8		110.9		108.5	
November	109.9		106.9		111.3		108.2	
December	109.7		106.8		110.7		108.6	

Prices Received for Field Crops and Fruits – United States: April 2019 with Comparisons

Commodity	2011 Base Price	April 2018	March 2019	April 2019
Field crops				
Austrian winter peas	dollars/cwt	19.50	(D)	(S)
Barley, all	dollars/bushel	4.79	4.44	4.88
Feed	dollars/bushel	4.59	3.08	3.23
Malting	dollars/bushel	4.83	4.73	5.01
Beans, dry edible	dollars/cwt	34.60	26.10	24.80
Canola	dollars/cwt	23.10	17.50	15.80
Chickpeas, all	dollars/cwt	35.70	39.40	20.80
Large	dollars/cwt	39.20	43.60	20.70
Small	dollars/cwt	23.40	34.90	23.30
Corn	dollars/bushel	6.02	3.58	3.61
Cotton, Upland	dollars/pound	0.880	0.677	0.688
Cottonseed	dollars/ton	131.00	(NA)	(NA)
Flaxseed	dollars/bushel	14.20	9.92	10.10
Hay, all, baled	dollars/ton	159.00	162.00	170.00
Alfalfa	dollars/ton	176.00	183.00	184.00
Other	dollars/ton	119.00	124.00	147.00
Lentils	dollars/cwt	27.50	21.20	17.60
Oats	dollars/bushel	3.42	2.93	2.66
Peanuts, in-shell	dollars/pound	0.252	0.233	0.160
Peas, dry edible	dollars/cwt	13.60	11.20	10.30
Rice, all	dollars/cwt	13.70	13.10	11.50
Long	dollars/cwt	12.30	11.80	10.60
Medium and short	dollars/cwt	18.40	17.40	15.80
Sorghum grain	dollars/cwt	10.70	6.12	5.86
Soybeans	dollars/bushel	12.50	9.85	8.52
Sunflowers, all	dollars/cwt	29.00	18.00	17.80
Wheat, all	dollars/bushel	7.44	5.28	5.19
Winter	dollars/bushel	6.93	4.90	5.15
Durum	dollars/bushel	9.22	5.41	5.05
Other spring	dollars/bushel	8.33	5.78	5.23
Hard red winter	dollars/bushel	7.07	4.83	5.01
Soft red winter	dollars/bushel	6.77	4.92	5.10
Hard red spring	dollars/bushel	8.38	5.85	5.22
White	dollars/bushel	6.58	5.02	5.41
Fruits				
Citrus, equivalent on-tree				
Grapefruit	dollars/box	7.47	18.21	8.99
Lemons	dollars/box	12.30	18.20	15.54
Oranges	dollars/box	8.16	13.93	11.47
Non-citrus, fresh				
Apples ¹	dollars/pound	0.325	0.327	0.389
Grapes ¹	dollars/ton	628.00	(S)	(S)
Peaches ¹	dollars/ton	507.00	(S)	(S)
Pears ¹	dollars/ton	559.00	678.00	539.00
Strawberries	dollars/cwt	104.00	105.00	114.00

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

(NA) Not available.

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

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

Prices Received for Vegetables and Livestock – United States: April 2019 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	April 2018	March 2019	April 2019
Vegetables, fresh ¹				
Asparagus	dollars/cwt 37.50	105.00	(S)	119.00
Beans, snap	dollars/cwt 69.00	66.50	30.40	60.00
Broccoli	dollars/cwt 41.60	39.70	62.40	50.00
Cantaloupes	dollars/cwt 16.50	(S)	(S)	(S)
Carrots	dollars/cwt 30.80	27.30	29.00	28.10
Cauliflower	dollars/cwt 47.00	60.80	99.70	67.00
Celery	dollars/cwt 22.50	30.70	96.00	113.00
Corn, sweet	dollars/cwt 30.70	32.60	26.60	34.80
Cucumbers	dollars/cwt 18.70	32.70	33.30	29.20
Lettuce	dollars/cwt 24.30	25.50	52.40	28.10
Onions ²	dollars/cwt 11.90	14.80	17.90	23.60
Potatoes	dollars/cwt 14.30	11.20	11.30	11.50
Tomatoes	dollars/cwt 51.20	25.70	52.20	43.40
Livestock				
Calves	dollars/cwt 142.00	170.00	170.00	174.00
Cattle, all beef	dollars/cwt 115.00	119.00	126.00	125.00
Cows ³	dollars/cwt 71.60	67.50	62.80	61.30
Steers and heifers	dollars/cwt 117.00	122.00	129.00	128.00
Milk cows ⁴	dollars/head 1,420.00	1,360.00	(NA)	1,140.00
Hogs, all	dollars/cwt 66.50	45.30	46.50	59.40
Barrows and gilts	dollars/cwt 66.80	45.50	46.50	59.70
Sows	dollars/cwt 57.90	40.20	43.90	50.60
Dairy and poultry				
Milk, all ⁵	dollars/cwt 20.10	15.70	17.50	17.70
Fat test	percent 3.71	3.87	3.99	3.89
Broilers, live ⁶	dollars/pound 0.459	0.650	0.510	0.550
Eggs, all ⁷	dollars/dozen 0.969	1.20	0.867	0.634
Market ^{7 8}	dollars/dozen 0.796	1.01	0.639	0.373
Turkeys, live ⁹	dollars/pound 0.680	0.500	0.532	0.556
Adjusted for seasonal variation				
Eggs, all	dollars/dozen 0.979	1.37	0.804	0.727
Seasonal factor	percent 101	87	108	87
Milk, all	dollars/cwt 20.20	16.40	18.20	18.60
Seasonal factor	percent 100	96	96	95

(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: 2019 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
	(dollars per bushel)								
January	4.01	4.65	5.28	3.40	3.29	3.56	9.71	9.30	8.63
February	4.16	4.92	5.33	3.44	3.38	3.60	9.86	9.50	8.52
March	4.37	5.10	5.19	3.49	3.51	3.61	9.69	9.81	8.52
April	4.16	5.28	4.93	3.43	3.58	3.52	9.33	9.85	8.28
May	4.05	5.39		3.45	3.68		9.29	9.84	
June	4.37	5.17		3.43	3.58		9.10	9.55	
July	4.77	5.00		3.49	3.47		9.42	9.08	
August	4.84	5.30		3.27	3.36		9.24	8.59	
September	4.65	5.15		3.27	3.39		9.35	8.77	
October	4.64	5.22		3.26	3.41		9.18	8.58	
November	4.72	5.23		3.15	3.41		9.22	8.37	
December	4.50	5.28		3.23	3.54		9.30	8.57	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2019 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		
	2017	2018	2019	2017	2018	2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	117.00	120.00	121.00	48.10	52.50	44.60
February	119.00	125.00	123.00	54.40	54.60	43.40
March	125.00	125.00	126.00	53.00	50.00	46.50
April	128.00	119.00	125.00	48.40	45.30	59.40
May	136.00	120.00		53.60	51.50	
June	132.00	112.00		62.10	59.10	
July	120.00	110.00		67.30	58.60	
August	114.00	110.00		61.50	44.30	
September	105.00	108.00		48.90	43.20	
October	109.00	110.00		47.30	50.30	
November	119.00	113.00		50.00	46.20	
December	118.00	117.00		48.60	43.40	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(D)	(D)
California	5.22	(D)	(D)
Colorado	4.44	4.89	4.08
Idaho	4.86	5.45	5.23
Illinois	4.85	4.46	5.11
Indiana	4.66	5.21	4.14
Kansas	4.44	4.81	4.58
Michigan	5.01	5.56	5.25
Minnesota	5.80	5.64	5.31
Missouri	4.95	5.24	4.52
Montana	5.58	5.32	5.10
Nebraska	4.58	4.36	4.02
North Carolina	4.97	4.97	4.79
North Dakota	5.53	5.07	4.81
Ohio	4.90	5.15	4.84
Oklahoma	4.46	4.32	4.09
Oregon	5.50	5.91	5.70
South Dakota	5.75	5.11	4.72
Texas	5.05	6.09	4.07
Washington	5.34	5.25	5.40
United States	5.28	5.19	4.93

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

Prices Received for Winter Wheat – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	(D)
California	5.22	(D)	(D)
Colorado	4.44	4.95	4.08
Idaho	4.80	5.44	5.18
Illinois	4.85	4.46	5.11
Indiana	4.66	5.21	4.14
Kansas	4.44	4.81	4.58
Michigan	5.01	5.56	5.25
Minnesota	(D)	(S)	(D)
Missouri	4.95	5.24	4.52
Montana	5.18	5.28	5.19
Nebraska	4.58	4.36	4.02
North Carolina	4.97	4.97	4.79
North Dakota	4.25	4.72	(S)
Ohio	4.90	5.15	4.84
Oklahoma	4.46	4.32	4.09
Oregon	5.42	5.88	5.70
South Dakota	5.38	4.78	4.69
Texas	5.05	6.09	4.07
Washington	5.08	5.10	5.22
United States	4.90	5.15	4.86

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(S)	(S)	(S)
Idaho	(D)	6.16	(D)
Montana	(D)	(D)	(D)
North Dakota	5.24	4.89	4.77
United States	5.41	5.05	4.85

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	(D)	(D)	(D)
Idaho	5.01	5.42	5.22
Minnesota	5.80	5.64	5.31
Montana	6.27	5.15	4.99
North Dakota	5.59	5.10	4.82
Oregon	5.99	6.03	5.71
South Dakota	6.13	5.25	4.75
Washington	6.14	5.73	5.82
United States	5.78	5.23	5.04

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

Prices Received for Oats – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(S)	(S)	(S)
Iowa	2.78	3.80	3.38
Michigan	3.48	3.68	3.84
Minnesota	2.31	2.71	3.14
Montana	(D)	(S)	(D)
Nebraska	3.08	(D)	3.19
New York	(S)	(S)	(S)
North Dakota	2.49	2.49	2.63
Oregon	(D)	(S)	(S)
Pennsylvania	4.02	(D)	4.75
South Dakota	2.58	2.86	2.89
Texas	(S)	(D)	(D)
Wisconsin	3.24	2.92	3.40
United States	2.93	2.66	3.02

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(D)	(S)
Colorado	4.49	4.68	4.66
Idaho	(D)	5.30	5.49
Minnesota	4.12	4.41	(D)
Montana	4.32	4.65	4.67
North Dakota	4.13	4.39	4.29
Washington	3.54	(D)	(D)
Wyoming	(D)	(D)	(D)
United States	4.44	4.88	4.80

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(D)	(S)
Colorado	(D)	4.68	4.66
Idaho	(D)	5.36	5.61
Minnesota	4.17	(D)	(D)
Montana	4.50	(D)	4.69
North Dakota	4.54	4.64	4.46
Washington	(D)	(D)	(D)
Wyoming	(D)	(D)	(D)
United States	4.73	5.01	4.91

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(D)	(S)	(S)
Idaho	3.42	3.26	3.77
Minnesota	(D)	(D)	(S)
Montana	2.73	(D)	(D)
North Dakota	3.07	3.22	3.29
Washington	2.78	(D)	3.08
Wyoming	(S)	(S)	(S)
United States	3.08	3.23	3.39

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

Prices Received for Sorghum Grain – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas	(S)	(S)	(S)
Kansas	6.03	5.45	5.17
Louisiana	(S)	(S)	(D)
Missouri	(D)	6.95	6.59
Nebraska	5.81	5.32	5.41
Oklahoma	6.11	5.69	5.54
Texas	6.47	6.79	6.36
United States	6.12	5.86	5.40

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama	4.10	4.11	4.28
Alaska	(S)	(S)	(S)
Arizona	(D)	(D)	(D)
Arkansas	3.82	3.61	3.59
California	(S)	(D)	(D)
Colorado	3.56	3.66	3.58
Connecticut	(S)	(S)	(S)
Delaware	(D)	(D)	(D)
Florida	(D)	(S)	(D)
Georgia	(D)	(D)	4.35
Hawaii	(S)	(S)	(S)
Idaho	4.33	4.32	4.24
Illinois	3.61	3.60	3.49
Indiana	3.80	3.78	3.69
Iowa	3.52	3.57	3.51
Kansas	3.57	3.54	3.48
Kentucky	3.87	3.90	3.82
Louisiana	3.82	3.95	(D)
Maine	(S)	(S)	(S)
Maryland	3.98	4.46	4.99
Massachusetts	(S)	(S)	(S)
Michigan	3.74	3.63	3.61
Minnesota	3.38	3.47	3.36
Mississippi	(D)	(D)	(D)
Missouri	3.61	3.66	3.61
Montana	(D)	(D)	(D)
Nebraska	3.59	3.58	3.49
Nevada	(S)	(S)	(S)
New Hampshire	(S)	(S)	(S)
New Jersey	(D)	(D)	(D)
New Mexico	(D)	(D)	(D)
New York	4.13	4.21	4.13
North Carolina	4.48	4.54	4.27
North Dakota	3.20	3.30	3.25
Ohio	3.83	3.74	3.64
Oklahoma	3.83	3.88	3.78
Oregon	(D)	(D)	(D)
Pennsylvania	4.07	4.24	4.19
Rhode Island	(S)	(S)	(S)
South Carolina	(D)	(D)	(D)
South Dakota	3.29	3.34	3.28
Tennessee	3.95	3.75	3.60
Texas	3.86	4.34	3.91
Utah	(D)	(D)	(D)
Vermont	(S)	(S)	(S)
Virginia	4.27	(D)	4.27
Washington	4.13	(D)	(D)
West Virginia	(D)	(D)	(D)
Wisconsin	3.52	3.54	3.46
Wyoming	(D)	(D)	(D)
United States ¹	3.58	3.61	3.52

(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 Soybeans – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	10.10	8.40	8.09
Illinois	10.10	8.70	8.40
Indiana	10.30	8.83	8.57
Iowa	9.75	8.46	8.25
Kansas	9.56	8.05	8.01
Kentucky	10.20	8.77	8.68
Louisiana	(D)	8.52	8.06
Michigan	10.00	8.70	8.22
Minnesota	9.47	8.57	8.11
Mississippi	10.00	(D)	8.01
Missouri	9.98	8.60	8.48
Nebraska	9.63	8.25	8.10
North Carolina	10.10	(D)	8.38
North Dakota	9.32	7.83	7.65
Ohio	10.30	8.66	8.51
South Dakota	9.49	8.10	7.88
Tennessee	10.10	8.64	8.69
Wisconsin	9.77	8.61	8.23
United States	9.85	8.52	8.28

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

Prices Received for Dry Beans – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	72.40	66.20	70.60
Colorado	23.30	22.60	(D)
Idaho	35.10	24.20	25.00
Michigan	(D)	(D)	(D)
Minnesota	24.60	(D)	21.40
Nebraska	(D)	(D)	(D)
North Dakota	23.90	21.40	21.90
United States	26.10	24.80	26.30

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

Prices Received for Peanuts (in shell) – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.220	0.187	0.200
Arkansas	0.196	(S)	0.191
Florida	0.216	0.196	0.207
Georgia	0.224	0.144	0.201
Mississippi	0.188	0.180	0.181
New Mexico	(S)	0.226	0.254
North Carolina	0.232	(S)	0.217
Oklahoma	0.244	0.228	0.243
South Carolina	0.216	0.189	0.211
Texas	0.320	0.233	0.229
Virginia	0.238	(S)	0.222
United States	0.233	0.160	0.205

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

Prices Received for Sunflower – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	18.70	(D)	(D)
Minnesota	18.90	(D)	(D)
North Dakota	18.30	18.50	18.80
South Dakota	17.30	17.40	16.30
United States	18.00	17.80	17.60

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

Prices Received for Canola – States and United States: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(S)	(D)	(D)
Montana	17.40	(D)	15.20
North Dakota	17.50	15.80	15.80
Oklahoma	(S)	(S)	(S)
United States	17.50	15.80	15.80

(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: April 2019 with Comparisons

State	April 2018	March 2019	April 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.92	10.10	9.93
United States	9.92	10.10	9.93

Prices Received for Upland Cotton and Cottonseed – States and United States: April 2019 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	April 2018	March 2019	April 2019	April 2018	March 2019	April 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	(D)	0.694	(D)	(NA)	(NA)	(NA)
Arizona	(S)	(S)	(S)	(NA)	(NA)	(NA)
Arkansas	(D)	(D)	(D)	(NA)	(NA)	(NA)
California	(D)	(S)	(S)	(NA)	(NA)	(NA)
Georgia	0.752	0.703	0.718	(NA)	(NA)	(NA)
Louisiana	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mississippi	(D)	(D)	(D)	(NA)	(NA)	(NA)
North Carolina	(D)	0.714	0.722	(NA)	(NA)	(NA)
Tennessee	0.720	0.678	0.686	(NA)	(NA)	(NA)
Texas	0.634	0.676	0.689	(NA)	(NA)	(NA)
United States	0.677	0.688	0.703	(NA)	(NA)	(NA)

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

(NA) Not available.

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

Prices Received and Marketings for Upland Cotton and Rice – United States: April 2019 with Comparisons

Item	April 2018	March 2019	April 2019
Cotton, Upland			
Average pricedollars/pound	0.677	0.688	0.703
Marketings ¹1,000 bales	773	1,415	847
Rice, all			
Average pricedollars/cwt	13.10	11.50	11.60
Marketings ²1,000 cwt	13,167	15,860	15,220
Rice, long			
Average pricedollars/cwt	11.80	10.60	10.50
Marketings ²1,000 cwt	10,053	13,212	12,115
Rice, medium and short			
California			
Average pricedollars/cwt	20.00	18.30	18.70
Other States ³			
Average pricedollars/cwt	12.30	12.30	12.30
United States			
Average pricedollars/cwt	17.40	15.80	16.00
Marketings ²1,000 cwt	3,114	2,648	3,105

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: April 2019 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	April 2018	March 2019	April 2019	April 2018	March 2019	April 2019	April 2018	March 2019	April 2019
	(dollars per ton)								
Arizona	210.00	210.00	220.00	210.00	210.00	220.00	200.00	200.00	200.00
California	193.00	216.00	222.00	205.00	225.00	230.00	135.00	185.00	180.00
Colorado	190.00	237.00	229.00	190.00	240.00	230.00	190.00	220.00	220.00
Idaho	141.00	160.00	155.00	140.00	160.00	155.00	160.00	160.00	160.00
Illinois	142.00	168.00	167.00	155.00	175.00	175.00	100.00	140.00	135.00
Iowa	136.00	149.00	150.00	142.00	150.00	155.00	122.00	145.00	137.00
Kansas	131.00	140.00	138.00	159.00	171.00	171.00	96.00	105.00	97.00
Kentucky	145.00	166.00	172.00	215.00	220.00	220.00	130.00	150.00	150.00
Michigan	189.00	165.00	172.00	200.00	175.00	185.00	160.00	135.00	140.00
Minnesota	149.00	179.00	169.00	156.00	186.00	186.00	127.00	153.00	135.00
Missouri	105.00	131.00	131.00	150.00	160.00	155.00	90.00	125.00	125.00
Montana	155.00	148.00	148.00	160.00	150.00	150.00	135.00	135.00	135.00
Nebraska	97.00	113.00	106.00	110.00	121.00	115.00	74.00	96.00	89.00
Nevada	175.00	180.00	180.00	180.00	180.00	180.00	150.00	180.00	180.00
New Mexico	204.00	245.00	232.00	210.00	260.00	245.00	170.00	165.00	165.00
New York	125.00	151.00	171.00	190.00	166.00	186.00	120.00	146.00	166.00
North Dakota	105.00	85.00	87.00	110.00	92.00	90.00	75.00	67.00	71.00
Ohio	176.00	154.00	158.00	210.00	185.00	185.00	150.00	125.00	125.00
Oklahoma	99.00	122.00	134.00	183.00	196.00	206.00	86.00	100.00	123.00
Oregon	177.00	190.00	198.00	180.00	190.00	200.00	170.00	190.00	190.00
Pennsylvania	157.00	199.00	203.00	174.00	230.00	230.00	154.00	192.00	196.00
South Dakota	115.00	108.00	113.00	119.00	112.00	117.00	106.00	98.00	103.00
Texas	117.00	146.00	144.00	211.00	212.00	210.00	106.00	132.00	133.00
Utah	150.00	185.00	185.00	150.00	185.00	185.00	125.00	150.00	150.00
Washington	178.00	183.00	186.00	170.00	180.00	190.00	200.00	190.00	180.00
Wisconsin	153.00	191.00	177.00	165.00	203.00	183.00	120.00	152.00	160.00
Wyoming	163.00	171.00	171.00	165.00	175.00	175.00	140.00	145.00	145.00
United States	162.00	170.00	184.00	183.00	184.00	199.00	124.00	147.00	151.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: April 2019

State	April 2018	March 2019	April 2019
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	(NA)	235.00	235.00
Idaho	(NA)	170.00	170.00
Michigan	(NA)	180.00	190.00
Minnesota	(NA)	215.00	236.00
New York	(NA)	212.00	222.00
Pennsylvania	(NA)	278.00	288.00
Texas	(NA)	258.00	255.00
Wisconsin	(NA)	247.00	252.00
5-State Total ^{1 2}	(NA)	213.00	219.00

(NA) Not available.

¹ 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

² For January 2019, includes California, Idaho, New York, Texas, and Wisconsin. For February 2019, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Apples – States and United States: April 2019 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		
	April 2018	March 2019	April 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California	(S)	(S)	(S)
Michigan	0.325	0.315	0.300
New York	0.302	0.384	0.381
Pennsylvania	0.357	0.397	0.384
Virginia	0.230	0.300	0.290
Washington	0.329	0.396	0.407
United States	0.327	0.389	0.395

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

Prices Received for Citrus Fruits by Utilization – States and United States: April 2018

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

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit							
California	(D)	20.91	(D)	(D)	18.25	(D)	(D)
Florida, all	(S)	(S)	(S)	(S)	(S)	(S)	(S)
White	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas	32.20	10.28	20.60	(D)	8.75	18.99	(D)
United States	32.20	20.88	24.87	(D)	18.21	22.46	(D)
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	46.60	24.22	36.57	(D)	18.20	30.05	(D)
United States	46.60	24.22	36.57	(D)	18.20	30.05	(D)
Oranges							
California, all	37.80	22.71	27.88	(D)	19.92	25.12	(D)
Navel and miscellaneous	38.10	22.66	28.18	(D)	19.86	25.42	(D)
Valencia	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida, all	34.00	14.76	23.20	14.50	11.51	19.95	11.25
Early and mids	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia	34.00	14.76	23.20	14.50	11.51	19.95	11.25
Texas, all	36.60	19.10	24.96	(D)	17.32	23.13	(D)
Early and mids	(S)	6.20	(S)	(D)	4.50	(S)	(D)
Valencia	37.20	25.60	25.60	(S)	23.77	23.77	(S)
United States	37.50	17.05	27.49	13.50	13.93	24.69	10.27

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

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

Prices Received for Citrus Fruits by Utilization – States and United States: March 2019

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

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit							
California	(D)	16.13	(D)	(D)	13.39	(D)	(D)
Florida, all	31.80	14.25	21.45	12.17	10.74	18.65	8.45
White	(S)	14.15	(S)	13.90	10.77	(S)	10.50
Red	31.80	14.27	21.45	11.70	10.74	18.65	7.90
Texas	33.00	8.40	21.40	(D)	6.89	19.79	(D)
United States	31.90	11.49	21.19	7.12	8.99	19.08	4.45
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	40.10	21.72	29.87	(D)	15.54	23.22	(D)
United States	40.10	21.72	29.87	(D)	15.54	23.22	(D)
Oranges							
California, all	28.40	14.49	18.28	(D)	11.63	15.46	(D)
Navel and miscellaneous	28.40	14.49	18.28	(D)	11.63	15.46	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	28.00	14.62	17.16	14.55	11.37	13.91	11.30
Early and mids	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia	28.00	14.67	17.20	14.60	11.42	13.95	11.35
Texas, all	28.30	13.22	16.74	(D)	11.44	14.91	(D)
Early and mids	33.20	6.29	21.60	(D)	4.59	19.77	(D)
Valencia	27.90	16.30	16.30	(S)	14.47	14.47	(S)
United States	28.40	14.56	18.18	12.85	11.47	15.36	9.64

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

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

Prices Received for Citrus Fruits by Utilization – States and United States: April 2019

[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)	15.39	(D)	(D)	12.56	(D)	(D)
Florida, all	35.20	16.42	24.88	10.90	13.03	22.08	7.12
White	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Red	35.20	16.42	24.85	10.70	13.03	22.05	6.90
Texas	33.70	9.43	22.10	(D)	7.91	20.49	(D)
United States	30.70	12.58	21.32	3.40	10.32	19.14	1.06
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	40.50	19.75	30.27	(D)	13.67	23.62	(D)
United States	40.50	19.75	30.27	(D)	13.67	23.62	(D)
Oranges							
California, all	27.00	12.09	16.90	(D)	9.21	14.08	(D)
Navel and miscellaneous	27.60	12.10	17.48	(D)	9.22	14.66	(D)
Valencia	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida, all	26.00	15.10	15.20	15.10	11.85	11.95	11.85
Early and mids	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia	26.00	15.10	15.20	15.10	11.85	11.95	11.85
Texas, all	28.50	12.56	16.86	(D)	10.78	15.03	(D)
Early and mids	33.20	6.22	21.60	(D)	4.53	19.77	(D)
Valencia	27.90	16.30	16.30	(S)	14.47	14.47	(S)
United States	27.00	14.24	16.77	13.51	11.11	13.93	10.29

(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: April 2019 with Comparisons

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

State	April 2018		March 2019		April 2019	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	14.80	3.62	16.80	3.71	16.90	3.67
California	14.68	3.75	17.30	4.02	17.40	3.84
Colorado	16.20	3.72	17.80	3.84	18.00	3.78
Florida	19.10	3.61	20.80	3.58	20.80	3.60
Idaho	15.30	3.97	17.00	4.02	17.20	3.93
Illinois	16.30	3.91	17.50	4.00	17.90	3.91
Indiana	15.30	3.83	17.30	3.93	17.30	3.86
Iowa	16.30	3.98	17.70	4.01	18.30	3.93
Kansas	15.10	3.87	16.60	4.00	16.70	3.87
Michigan	14.50	3.86	16.50	3.87	16.40	3.80
Minnesota	16.60	3.99	17.80	4.12	18.10	4.01
New Mexico	14.30	3.66	15.90	3.78	16.10	3.71
New York	16.10	3.90	18.30	3.96	18.20	3.90
Ohio	16.10	3.92	17.80	3.93	17.70	3.88
Oregon	18.40	3.99	19.80	4.22	20.20	4.07
Pennsylvania	16.40	3.84	18.50	3.91	18.30	3.84
South Dakota	17.30	4.22	18.50	4.34	19.10	4.24
Texas	16.50	4.07	17.70	4.21	18.10	4.12
Utah	15.80	3.84	17.20	3.97	17.40	3.89
Vermont	16.70	3.95	18.70	4.03	18.50	3.98
Virginia	16.80	3.79	18.60	3.82	18.40	3.74
Washington	16.10	3.99	18.10	4.22	18.00	4.07
Wisconsin	16.50	3.94	17.30	3.97	17.90	3.89
United States	15.70	3.87	17.50	3.99	17.70	3.89

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

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

State	April 2018	January 2019	April 2019
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,550	1,250	1,300
California	1,300	1,100	1,100
Colorado	1,550	1,200	1,200
Florida	1,450	1,200	1,200
Idaho	1,500	1,250	1,200
Illinois	1,320	1,120	1,170
Indiana	1,300	1,050	1,100
Iowa	1,310	1,080	1,090
Kansas	1,550	1,300	1,300
Michigan	1,300	1,180	1,180
Minnesota	1,340	1,050	1,060
New Mexico	1,550	1,250	1,200
New York	1,230	1,040	1,090
Ohio	1,200	1,000	1,000
Oregon	1,600	1,350	1,200
Pennsylvania	1,250	1,050	1,090
South Dakota	1,430	1,120	1,170
Texas	1,500	1,300	1,250
Utah	1,500	1,100	1,100
Vermont	1,400	1,100	1,120
Virginia	1,150	970	980
Washington	1,400	1,200	1,150
Wisconsin	1,320	1,120	1,130
United States	1,360	1,140	1,140

Commodity Parity Prices and Price as Percent of Parity Price – United States: April 2019 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			
		April 2018	March 2019	April 2019	April 2018	March 2019	April 2019	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
Basic commodities								
All wheat	bushel	0.571	17.60	17.10	17.20	30	30	29
Rice	cwt	1.34	40.00	40.10	40.30	33	29	29
Corn	bushel	0.439	13.20	13.10	13.20	27	28	27
Cotton								
Upland	pound	0.069	2.00	2.07	2.07	34	33	34
American Pima	pound	0.136	4.00	4.07	4.09	35	34	34
Peanuts	pound	0.023	0.676	0.688	0.691	34	23	30
Small chickpeas ¹	cwt	2.42	70.80	72.40	72.70	49	32	32
Large chickpeas ¹	cwt	3.26	96.70	97.60	98.00	45	21	23
Lentils ¹	cwt	2.56	77.90	76.60	76.90	27	23	21
Designated non-basic								
All milk, to plants ²	cwt	1.76	52.30	52.70	52.90	31	35	35
Honey, extracted ³	pound	0.186	5.14	5.57	5.59	42	39	39
Wool and mohair								
Wool	pound	0.140	3.88	4.19	4.21	38	42	42
Mohair	pound	0.426	11.90	12.80	12.80	42	41	41
Other non-basic								
Apples, fresh ⁴	pound	0.035	1.030	1.050	1.050	32	37	38
Barley	bushel	0.503	14.90	15.10	15.10	30	32	32
Canola	cwt	1.88	55.30	56.30	56.50	32	28	28
Cottonseed	ton	20.20	594.00	605.00	607.00	26	29	29
Dry edible beans	cwt	3.20	96.10	95.80	96.20	27	26	27
Flaxseed	bushel	1.09	33.80	32.60	32.80	29	31	30
Oats	bushel	0.288	8.58	8.62	8.65	34	31	35
Potatoes, fresh	cwt	1.11	32.60	33.20	33.40	34	34	34
Sorghum grain	cwt	0.742	22.40	22.20	22.30	27	26	24
Soybeans	bushel	1.09	32.60	32.60	32.80	30	26	25
Sunflower, all	cwt	2.10	64.10	62.90	63.10	28	28	28
Citrus (equivalent on-tree)								
Grapefruit	box	0.738	21.70	22.10	22.20	84	41	46
Lemons	box	1.87	55.00	56.00	56.20	33	28	24
Oranges	box	0.910	26.70	27.20	27.30	52	42	41
Livestock and poultry								
Beef cattle	cwt	11.70	335.00	350.00	352.00	36	36	36
Broilers	pound	0.052	1.50	1.56	1.56	43	33	35
Calves	cwt	17.00	485.00	509.00	511.00	35	33	34
Eggs ²	dozen	0.102	2.97	3.05	3.07	46	26	24
Hogs	cwt	5.69	166.00	170.00	171.00	27	27	35
Turkeys, live	pound	0.066	1.940	1.980	1.980	26	27	28

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: April 2019 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		
		April 2018	March 2019	April 2019
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops pound	0.406	11.60	12.20	12.20
Mustard seed cwt	3.30	97.90	98.80	99.20
Rapeseed cwt	2.71	79.90	81.10	81.40
Rye bushel	0.627	18.50	18.80	18.80
Safflower cwt	2.24	65.80	67.00	67.30
Spearmint oil pound	1.73	50.80	51.80	52.00
Sweet potatoes cwt	2.07	60.50	62.00	62.20
Tobacco				
Flue-cured, 11-14 pound	0.185	5.47	5.54	5.56
Fire-cured, 21-23 pound	0.254	7.47	7.60	7.63
Burley, 31 pound	0.181	5.35	5.42	5.44
Maryland, 32 pound	0.171	5.06	5.12	5.14
Dark air-cured, 35-37 pound	0.228	6.70	6.82	6.85
Pennsylvania seedleaf, 41 pound	0.196	5.79	5.87	5.89
Non-citrus fruit				
Apples, processing ^{1 2} ton	20.20	576.00	605.00	607.00
Apricots				
Fresh ³ ton	121.00	3,410.00	3,620.00	3,640.00
Dried (California) ton	313.00	8,760.00	9,370.00	9,410.00
Avocados ^{2 3} ton	200.00	5,380.00	5,990.00	6,010.00
Cherries				
Sweet ton	215.00	6,260.00	6,430.00	6,460.00
Tart ² pound	0.032	0.940	0.958	0.962
Cranberry ^{2 4} barrel	3.87	120.00	116.00	116.00
Dates (California) ³ ton	159.00	4,230.00	4,760.00	4,780.00
Grapes (California)				
Raisin variety ⁵ ton	147.00	4,110.00	4,400.00	4,420.00
Wine, processing ton	71.90	2,010.00	2,150.00	2,160.00
Kiwifruit ² ton	105.00	3,060.00	3,140.00	3,160.00
Nectarines, fresh (California) ³ ton	73.00	1,970.00	2,180.00	2,190.00
Olives, canning (California) ⁴ ton	106.00	2,910.00	3,170.00	3,190.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: April 2019 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		
		April 2018	March 2019	April 2019
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.042	1.20	1.26	1.26
Peaches				
Fresh ^{4 6} ton	97.30	2,670.00	2,910.00	2,920.00
Dried (California) ^{1 5} ton	43.30	1,280.00	1,300.00	1,300.00
Processing, excludes dried				
Clingstone (California) ⁴ ton	37.90	1,060.00	1,130.00	1,140.00
Pears, Fresh ⁶ ton	63.60	1,770.00	1,900.00	1,910.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	68.50	1,910.00	2,050.00	2,060.00
Prunes, dried (California) ^{1 2 5} ton	171.00	4,700.00	5,120.00	5,140.00
Strawberries				
Fresh ¹⁰ pound	9.62	283.00	288.00	289.00
Processing pound	3.62	106.00	108.00	109.00
Sugar crops				
Sugar beets ^{2 8} ton	5.10	150.00	153.00	153.00
Sugarcane ^{2 8} ton	3.50	102.00	105.00	105.00
Tree nuts ⁹				
Almonds pound	0.242	6.94	7.24	7.27
Hazelnuts ton	236.00	6,850.00	7,060.00	7,090.00
Pistachios pound	0.238	6.94	7.12	7.15
Walnuts ton	237.00	6,880.00	7,090.00	7,120.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.79	82.00	83.50	83.80
Cauliflower ¹¹ cwt	4.59	135.00	137.00	138.00
Celery ¹¹ cwt	1.98	58.20	59.30	59.50
Honeydew melons cwt	2.02	59.40	60.50	60.70
Lettuce cwt	2.43	71.40	72.70	73.00
Onions ¹¹ cwt	1.41	41.40	42.20	42.40
Tomatoes cwt	4.05	119.00	121.00	122.00

¹ Equivalent returns at processing plant door.

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

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

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

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

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

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

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

Marketing Year for Specified Commodities

Tobacco, Dark Air-cured: December 1 to February 28 for the United States and all States

Tobacco, Flue-cured: July 1 to November 30 for the United States and all States

Tobacco, Fire-cured: December 1 to March 31 for the United States; January 1 to March 31 for Kentucky and Tennessee; December 1 to January 31 for Virginia

Tobacco, Light Air-cured: November 1 to May 31 for the United States; November 1 to February 28 for Kentucky, North Carolina, Tennessee, and Virginia; March 1 to May 31 for Pennsylvania

Tobacco Market Year Average Prices Received – States and United States: Marketing Years 2016-2018

State	2016	2017	2018
	(Dollars per Pound)	(Dollars per Pound)	(Dollars per Pound)
Georgia	1.930	2.000	1.980
Kentucky	2.062	2.135	2.219
North Carolina	1.940	2.000	1.910
Pennsylvania	2.048	2.042	2.034
South Carolina	1.950	1.970	1.980
Tennessee	2.353	2.333	2.491
Virginia	2.113	2.047	2.021
United States	2.007	2.058	2.051

**Tobacco Market Year Average Prices Received by Class and Type – States and United States:
Marketing Years 2016-2018**

Class and Type	2016 (Dollars per Pound)	2017 (Dollars per Pound)	2018 (Dollars per Pound)
Class 1, Flue-cured (11-14)			
Georgia	1.930	2.000	1.980
North Carolina	1.940	2.000	1.910
South Carolina	1.950	1.970	1.980
Virginia	2.120	2.050	2.020
United States	1.960	2.004	1.933
Class 2, Fire-cured (21-23)			
Kentucky	2.690	2.690	2.700
Tennessee	2.720	2.720	2.770
Virginia	2.200	2.260	2.340
United States	2.697	2.696	2.724
Class 3A, Light air-cured			
Type 31, Burley			
Kentucky	1.910	1.940	1.960
North Carolina	1.890	1.940	1.980
Pennsylvania	1.980	2.010	2.050
Tennessee	1.960	1.860	1.880
Virginia	1.960	1.920	1.930
United States	1.923	1.935	1.960
Type 32, Southern Maryland Belt			
Pennsylvania	1.860	1.800	1.800
United States	1.860	1.800	1.800
Total light air-cured (31-32)	1.921	1.932	1.956
Class 3B, Dark air-cured (35-37)			
Kentucky	2.390	2.390	2.420
Tennessee	2.390	2.430	2.360
United States	2.390	2.398	2.403
Class 4, Cigar filler			
Type 41, Pennsylvania Seedleaf			
Pennsylvania	2.470	2.360	2.140
United States	2.470	2.360	2.140
All tobacco			
United States	2.007	2.058	2.051

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.

April Prices Paid by Farmers

The April Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 111.1, is up 0.5 percent from March 2019 and 2.3 percent from April 2018.

Production: The April index, at 108.1, is up 0.5 percent from March and 1.9 percent from April 2018. Higher prices for feeder pigs, feeder cattle, hay and forages, and gasoline more than offset lower prices for nitrogen, herbicides, feed grains, and supplements.

Feed: At 102.6, the April index increased 0.2 percent from March and 1.4 percent from April last year. Higher prices for hay and forages and complete feeds more than offset lower prices for feed grains, supplements, and concentrates.

Livestock and poultry: The April index, at 111.5, increased 5.5 percent from March and 6.6 percent from April last year. The April feeder cattle price, at \$149.00 per cwt, is up \$4.00 per cwt from the March price. The April feeder pigs price, at \$243.00 per cwt, is up \$58.00 per cwt from previous month. Poultry prices are unchanged.

Fertilizer: The index for April, at 67.6, is down 3.6 percent from March but up 2.3 percent from April a year ago. The prices for nitrogen, potash and phosphate, and mixed fertilizer are lower than the previous month.

Chemicals: The April index, at 99.2, is down 3.0 percent from March and 4.3 percent from April last year.

Fuels: At 73.1, the April index is up 2.4 percent from March and 9.1 percent from April 2018. Compared with March, prices are higher for gasoline and diesel but lower for LP gas.

Machinery: The index for April, at 125.1, increased 0.1 percent from March and 5.9 percent from last April. Compared with the previous month, the prices are higher for other machinery and the prices are unchanged for tractors and self-propelled machinery.

Consumer Price Index: The April 2019 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.0 percent over the last 12 months to an index level of 255.548 (1982-1984=100). For the month, the index increased 0.5 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: April 2019 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		
	April 2018	March 2019	April 2019	April 2018	March 2019	April 2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2940	2993	3005	108.6	110.6	111.1
Production	2208	2240	2250	106.1	107.6	108.1
Feed	1115	1128	1131	101.2	102.4	102.6
Livestock and poultry	2066	2087	2201	104.6	105.7	111.5
Seeds	3885	3800	3800	118.2	115.6	115.6
Fertilizer	796	844	814	66.1	70.1	67.6
Chemicals	931	918	891	103.7	102.3	99.2
Fuels	1874	1996	2045	67.0	71.4	73.1
Supplies and repairs	1302	1348	1347	110.4	114.3	114.2
Autos and trucks	3241	3276	3278	105.5	106.6	106.6
Machinery	7217	7640	7647	118.1	125.0	125.1
Building materials	2683	2753	2754	115.3	118.3	118.4
Services and rent	2464	2483	2484	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	113.8	115.2	115.3
Rent	(NA)	(NA)	(NA)	119.5	119.5	119.5
Interest ¹	4325	4331	4331	118.6	118.8	118.8
Taxes ²	6952	7119	7119	117.1	120.0	120.0
Wage rates	8780	9260	9260	122.6	129.3	129.3
Family living-CPI ³	2380	2415	2428	111.4	113.0	113.6
Production, interest, taxes, and wage rates (PITW)	3051	3108	3120	108.2	110.2	110.6
Ratio (received/paid)	(NA)	(NA)	(NA)	85	83	84
Parity ratio ⁴	33	32	32	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	33	33	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1598	1660	1663	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	109.6	111.6	111.4
Livestock sector (PPITW)	(NA)	(NA)	(NA)	107.6	109.5	110.6
Farm sector (production)	(NA)	(NA)	(NA)	105.6	106.1	108.1
Non-farm sector (production)	(NA)	(NA)	(NA)	106.3	108.5	108.1

(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 2019 and the revised factor is 1.026 for 2018.

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: April 2019 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)		
	2018	2019	April 2018	March 2019	April 2019
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	73.5	73.2	106.1	107.6	108.1
Feed	13.3	12.8	101.2	102.4	102.6
Feed grains	1.9	1.8	60.7	60.9	59.3
Complete feeds	6.5	6.3	106.1	106.3	106.6
Hay and forages	1.6	1.6	104.1	111.8	118.4
Concentrates	2.1	2.0	113.9	113.8	112.4
Supplements	1.2	1.1	113.2	114.3	111.6
Livestock and poultry	8.2	8.8	104.6	105.7	111.5
Feeder cattle	6.4	6.8	104.2	105.8	108.9
Feeder pigs	0.6	0.7	117.9	132.1	173.6
Milk cow replacements	0.7	0.7	95.8	80.3	80.3
Poultry	0.5	0.5	104.3	104.3	104.3
Seeds	5.3	5.4	118.2	115.6	115.6
Field crops	4.8	4.9	116.9	114.0	114.0
Grasses and legumes	0.5	0.5	131.0	131.8	131.8
Fertilizer	5.2	5.0	66.1	70.1	67.6
Mixed fertilizer	2.3	2.2	66.3	71.1	70.9
Nitrogen	2.2	2.1	67.5	70.8	66.2
Potash and phosphate	0.7	0.7	61.6	65.1	61.4
Chemicals	3.6	3.6	103.7	102.3	99.2
Herbicides	2.3	2.2	104.4	102.9	99.8
Insecticides	0.8	0.8	104.9	102.3	99.3
Fungicides and other	0.5	0.5	98.7	99.5	96.6
Fuels	2.4	2.8	67.0	71.4	73.1
Diesel	1.5	1.8	63.6	70.8	71.8
Gasoline	0.5	0.6	70.2	70.7	78.5
LP gas	0.4	0.5	75.4	74.4	71.3
Supplies and repairs	4.6	4.6	110.4	114.3	114.2
Supplies	1.6	1.5	110.5	115.0	114.8
Repairs	3.0	3.1	110.3	113.9	113.9
Autos and trucks	1.3	1.3	105.5	106.6	106.6
Autos	0.2	0.2	99.5	100.9	100.9
Trucks	1.1	1.1	106.3	107.5	107.5
Machinery	5.6	5.3	118.1	125.0	125.1
Tractors	1.2	1.2	111.6	109.3	109.3
Self-propelled	2.3	2.1	121.0	131.0	131.0
Other machinery	2.1	2.0	118.8	127.8	128.1
Building materials	4.0	4.1	115.3	118.3	118.4
Services	12.1	11.7	113.8	115.2	115.3
Custom rates	1.3	1.2	113.3	113.3	113.3
Other services	10.8	10.5	113.8	115.4	115.5
Rent	7.9	7.8	119.5	119.5	119.5
Cash	4.2	4.2	126.1	126.1	126.1
Share	3.7	3.6	111.8	111.8	111.8
Interest	2.4	2.6	118.6	118.8	118.8
Taxes	3.3	3.2	117.1	120.0	120.0
Wage rates	7.1	7.2	122.6	129.3	129.3
Family living-CPI	13.7	13.9	111.4	113.0	113.6

Feed Price Ratios – United States: April 2019 with Comparisons

Feed price ratio ¹	April 2018	March 2019	April 2019
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	6.1	5.3	5.8
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	11.3	7.6	4.6
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	12.7	12.9	16.9
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.89	2.14	2.11
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	34.1	35.7	36.4
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	5.2	5.9	6.3

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: April 2019 with Comparisons

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

Item	April 2018	March 2019	April 2019
	(dollars)	(dollars)	(dollars)
Broilers, livepound	0.650	0.510	0.550
Eggs, marketdozen	1.01	0.639	0.373
Hogs, allcwt	45.30	46.50	59.40
Milk, allcwt	15.70	17.50	17.70
Steers and heiferscwt	122.00	129.00	128.00
Turkeys, livepound	0.500	0.532	0.556
Cornbushel	3.58	3.61	3.52
Hay, alfalfaton	183.00	184.00	199.00
Soybeansbushel	9.85	8.52	8.28
Wheat, allbushel	5.28	5.19	4.93

Prices Paid for Feeder Livestock – United States: April 2019 with Comparisons

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

Item	April 2018	March 2019	April 2019
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	143.00	145.00	149.00
Feeder pigscwt	165.00	185.00	243.00

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

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

Year	Broiler ¹												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2014	4.2	4.0	4.6	4.6	4.9	4.8	4.9	4.8	5.9	6.1	5.8	5.2	5.0
2015	5.4	5.0	5.4	6.0	6.2	5.9	4.7	4.4	4.2	4.1	4.3	4.7	5.0
2016	5.1	4.8	5.0	5.1	5.3	5.1	4.7	4.3	4.2	3.7	4.4	4.7	4.7
2017	4.7	4.6	5.3	5.7	6.6	6.7	6.1	5.5	5.1	4.9	5.0	5.0	5.4
2018	5.2	5.0	5.6	6.1	6.7	7.0	6.7	5.2	4.8	4.8	5.2	5.3	5.7
Year	Market Egg ²												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2015	11.3	12.1	15.3	9.6	18.2	21.9	19.6	26.5	20.7	14.7	22.8	12.2	17.1
2016	11.4	10.2	8.8	4.6	2.7	2.5	4.0	4.4	3.9	2.6	3.7	12.1	5.9
2017	6.7	4.3	6.4	4.5	4.2	4.5	6.9	6.1	10.9	8.3	15.3	14.4	7.7
2018	11.6	12.8	22.2	11.3	6.9	9.3	10.6	11.0	8.7	8.5	11.8	11.8	11.4
Year	Turkey ³												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2015	6.3	6.6	6.8	7.1	7.9	8.4	8.5	9.4	10.0	10.6	10.2	9.8	8.5
2016	8.7	9.0	9.0	9.2	8.8	8.9	9.3	9.5	10.3	9.9	9.3	8.4	9.2
2017	7.6	7.3	7.5	7.5	7.7	7.4	7.3	7.2	6.9	7.1	6.5	6.0	7.2
2018	5.7	5.5	5.2	5.2	5.1	5.3	5.7	5.8	5.9	5.7	6.0	5.5	5.5
Year	Milk ⁴												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2015	2.10	2.06	2.01	2.00	1.99	2.06	2.00	2.11	2.25	2.30	2.46	2.29	2.14
2016	2.18	2.18	2.12	1.99	1.90	1.92	2.16	2.44	2.49	2.38	2.59	2.73	2.26
2017	2.71	2.61	2.40	2.22	2.20	2.31	2.27	2.51	2.46	2.47	2.54	2.38	2.42
2018	2.20	2.03	1.99	1.89	1.90	1.98	1.93	2.06	2.13	2.22	2.19	2.06	2.05
Year	Hog-Corn ⁵												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2015	15.0	13.3	13.2	13.1	16.2	16.7	15.4	16.0	14.8	15.1	12.8	11.7	14.4
2016	11.9	13.9	14.0	14.3	15.5	15.9	16.5	16.4	14.8	12.7	12.0	13.0	14.2
2017	14.1	15.8	15.2	14.1	15.5	18.1	19.3	18.8	15.0	14.5	15.9	15.0	15.9
2018	16.0	16.2	14.2	12.7	14.0	16.5	16.9	13.2	12.7	14.8	13.5	12.3	14.4
Year	Steer & Heifer-Corn ⁶												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2015	43.5	42.5	42.5	43.7	44.2	43.5	39.5	40.5	38.0	35.1	36.5	33.7	40.3
2016	36.1	37.4	38.5	37.4	35.1	33.2	33.3	36.8	33.9	31.0	32.7	34.0	34.9
2017	35.0	35.2	36.4	37.9	40.0	38.8	34.7	35.2	32.7	34.0	38.4	37.2	36.3
2018	37.4	37.6	36.2	34.1	33.2	31.6	32.3	33.3	32.4	32.8	33.7	33.6	34.0

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

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

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

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

Reliability of Prices Paid Estimates

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

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

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

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

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

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

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

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

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

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

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

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

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Price Program Links

Economics and Prices

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

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