



Agricultural Prices

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March Prices Received Index Up 2.8 Percent

The March Prices Received Index (Agricultural Production), at 91.9, increased 2.8 percent from February 2019. At 85.7, the Crop Production Index increased 2.1 percent. The Livestock Production Index, at 97.5, increased 3.0 percent. Producers received higher prices for lettuce, cattle, milk, and broilers but lower prices for market eggs, grapefruit, peanuts, and wheat. Compared with a year earlier, the Prices Received Index is down 3.4 percent. The Crop Production Index decreased 2.6 percent and the Livestock Production Index decreased 2.2 percent. The indexes are calculated using commodity prices and volumes of commodities that producers market. Increased monthly movement of strawberries, cattle, milk, and calves offset the decreased marketing of cotton, apples, greenhouse & nursery, and soybeans. The Food Commodities Index, at 97.2, increased 3.4 percent from the previous month but decreased 2.7 percent from March 2018.

March Prices Paid Index Up 0.1 Percent

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.6, is up 0.1 percent from February 2019 and 1.5 percent from March 2018. Higher prices in March for feeder pigs, diesel, gasoline, and hay and forages more than offset lower prices for field crops, other services, nitrogen, and herbicides.

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

Index Group	March 2018	February 2019	March 2019
	(percent)	(percent)	(percent)
Prices received by farmers	95.1	89.4	91.9
Prices paid by farmers	109.0	110.5	110.6
Ratio of prices received to prices paid	87	81	83

Contents

Prices Received by Farmers	4
Prices Received Indexes, 2011 Base – United States: March 2019 with Comparisons	5
Prices Received Indexes, 1910-1914 Base – United States: March 2019 with Comparisons	5
Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2018 and 2019	5
Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2018 and 2019	6
Prices Received for Field Crops and Fruits – United States: March 2019 with Comparisons.....	7
Prices Received for Vegetables and Livestock – United States: March 2019 with Comparisons	8
Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2019 with Comparisons	9
Prices Received for Beef Cattle and All Hogs by Month – United States: 2019 with Comparisons	9
Prices Received for All Wheat – States and United States: March 2019 with Comparisons.....	10
Prices Received for Winter Wheat – States and United States: March 2019 with Comparisons.....	10
Prices Received for Durum Wheat – States and United States: March 2019 with Comparisons.....	11
Prices Received for Spring Wheat – States and United States: March 2019 with Comparisons	11
Prices Received for Oats – States and United States: March 2019 with Comparisons	11
Prices Received for All Barley – States and United States: March 2019 with Comparisons.....	12
Prices Received for Malting Barley – States and United States: March 2019 with Comparisons	12
Prices Received for Feed Barley – States and United States: March 2019 with Comparisons	12
Prices Received for Sorghum Grain – States and United States: March 2019 with Comparisons.....	12
Prices Received for Corn – States and United States: March 2019 with Comparisons	13
Prices Received for Soybeans – States and United States: March 2019 with Comparisons	14
Prices Received for Dry Beans – States and United States: March 2019 with Comparisons	14
Prices Received for Peanuts (in shell) – States and United States: March 2019 with Comparisons.....	15
Prices Received for Sunflower – States and United States: March 2019 with Comparisons.....	15
Prices Received for Canola – States and United States: March 2019 with Comparisons	15
Prices Received for Flaxseed – States and United States: March 2019 with Comparisons	15
Prices Received for Upland Cotton and Cottonseed – States and United States: March 2019 with Comparisons	16
Prices Received and Marketings for Upland Cotton and Rice – United States: March 2019 with Comparisons	16
Prices Received for Hay by Type – States and United States: March 2019 with Comparisons	17
Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: March 2019.....	18
Prices Received for Apples – States and United States: March 2019 with Comparisons	18
Prices Received for Citrus Fruits by Utilization – States and United States: March 2018	19
Prices Received for Citrus Fruits by Utilization – States and United States: February 2019	20
Prices Received for Citrus Fruits by Utilization – States and United States: March 2019	21
Prices Received for All Milk – States and United States: March 2019 with Comparisons.....	22
Prices Received for Milk Cows – States and United States: April 2019 with Comparisons	22
Commodity Parity Prices and Price as Percent of Parity Price – United States: March 2019 with Comparisons	23
Commodity Parity Prices – United States: March 2019 with Comparisons	24
Marketing Year for Specified Commodities	26
Prices Received for Broilers by Month – United States: 2013-2018	26
Prices Received for Turkeys by Month – United States: 2013-2018	26
Prices Received for All Eggs by Month – United States: 2013-2018	27
Prices Received for Market Eggs by Month – United States: 2013-2018.....	27
Prices Received for All Milk Sold at Plants by Month – States and United States: 2017	28
Prices Received for All Milk Sold at Plants by Month – States and United States: 2018	29
Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2017	30
Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2018	31
Adjustment for Seasonal Variation – All Eggs and All Milk.....	32
Prices Received for All Eggs Adjusted for Seasonal Variation by Month – United States: 2015-2018.....	32
Prices Received for All Eggs as a Percentage of Parity Price by Month – United States: 2015-2018.....	32
Prices Received for All Eggs Adjustment Factors by Month – United States: 2015-2018.....	32
Prices Received for All Milk Adjusted for Seasonal Variation by Month – United States: 2015-2018	33
Prices Received for All Milk as a Percentage of Parity Price by Month – United States: 2015-2018.....	33

Prices Received for All Milk Adjustment Factors by Month – United States: 2015-2018..... 33

Other Hay Baled Market Year Average Prices Received – Selected Regions: 2014-2016, 2015-2017, and
2016-2018 Averages..... 34

Reliability of Prices Received Estimates 35

Prices Paid by Farmers..... 36

Prices Paid Indexes and Related Parity Ratios – United States: March 2019 with Comparisons..... 37

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States:
March 2019 with Comparisons..... 38

Feed Price Ratios – United States: March 2019 with Comparisons 39

Prices Received Used to Calculate Feed Price Ratios – United States: March 2019 with Comparisons..... 39

Prices Paid for Feeder Livestock – United States: March 2019 with Comparisons..... 39

Reliability of Prices Paid Estimates 40

Information Contacts 41

March Prices Received by Farmers

The March Prices Received Index for agricultural production is 91.9 percent of its 2011 base, up 2.8 percent from the February 2019 index but down 3.4 percent from the March 2018 index.

Crop production: The March index, at 85.7, is 2.1 percent higher than February but 2.6 percent lower than March 2018. The vegetable & melon, fruit & tree nut, and other crop index increases more than offset the grain & oilseed index decrease.

Grain and oilseed: The March index, at 64.7, is down 0.9 percent from February and 5.4 percent from March 2018. Oilseed and food grain index decreases offset the higher feed grain index.

Feed grain: The March index, at 60.5, increased slightly from last month and is up 2.7 percent from a year ago. The corn price, at \$3.61 per bushel, is up 1 cent from last month and 10 cents from March 2018. At \$5.86 per cwt, sorghum grain is 3 cents above February but 14 cents below March a year earlier.

Food grain: At 74.2, the index for March is down 3.0 percent from the previous month and 3.4 percent from a year ago. The March price for all wheat, at \$5.19 per bushel, is 14 cents lower than February but 9 cents higher than March 2018.

Oilseed: At 67.8, the index for March decreased 1.5 percent from February and 14 percent from March 2018. The soybean price, at \$8.52 per bushel, is unchanged from February but \$1.29 lower than March a year earlier.

Fruit and tree nut: The March index, at 119.4, is up 1.1 percent from February but down 6.5 percent from a year earlier. Price increases during March for oranges and strawberries more than offset price decreases for grapefruit and lemons.

Vegetable and melon: At 144.7, the index for March increased 17.1 percent from the previous month and 23.6 percent from March 2018. Price increases during March for lettuce, celery, onions, and broccoli more than offset price declines for sweet corn, tomatoes, cauliflower, and cucumbers.

Other crop: The March index, at 85.8, is up 1.5 percent from the previous month and 6.2 percent from March 2018. The all hay price, at \$170.00 per ton, is \$3.00 higher than February and \$22.00 higher than March 2018. At 68.8 cents per pound, the price for upland cotton is 1.3 cents higher than February and 0.5 cent higher than March 2018.

Livestock production: The index for March, at 97.5, increased 3.0 percent from the previous month but decreased 2.2 percent from March a year earlier. Compared with a year ago, prices are higher for milk, cattle, and turkeys. Prices for market eggs, broilers, hogs, and calves are lower than a year earlier.

Meat animal: At 100.1, the March index increased 3.2 percent from the previous month but decreased 1.7 percent from a year earlier. At \$46.50 per cwt, the March hog price is \$3.10 higher than February but \$3.50 lower than a year earlier. The March beef cattle price of \$126.00 per cwt is \$3.00 higher than the previous month and \$1.00 higher than March 2018.

Dairy: The index for March, at 87.1, is up 4.2 percent from the previous month and 12 percent from March a year ago. The March all milk price of \$17.50 per cwt is 70 cents higher than February and \$1.80 higher than March 2018.

Poultry and egg: At 102.2, the March index increased 1.7 percent from February but decreased 26 percent from March 2018. The March market egg price, at 63.9 cents per dozen, is 6.1 cents lower than February and \$1.31 lower than March 2018. The March broiler price, at 51.0 cents per pound, is 2.0 cents higher than February but 8.0 cents lower than a year ago. At 53.2 cents per pound, the March turkey price is 0.4 cent higher than the previous month and 3.3 cents higher than March 2018.

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

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

Index Group	2011 Base		
	March 2018	February 2019	March 2019
	(percent)	(percent)	(percent)
Agricultural production	95.1	89.4	91.9
Crop production	88.0	83.9	85.7
Grain and oilseed	68.4	65.3	64.7
Feed grain	58.9	60.3	60.5
Food grain	76.8	76.5	74.2
Oilseed	79.0	68.8	67.8
Fruit and tree nut	127.7	118.1	119.4
Vegetable and melon	117.1	123.6	144.7
Other crop	80.8	84.5	85.8
Livestock production	99.7	94.7	97.5
Meat animal	101.8	97.0	100.1
Cattle	109.7	107.8	110.3
Hog	75.2	65.3	69.9
Dairy	78.1	83.6	87.1
Poultry and egg	138.8	100.5	102.2
Food commodity	99.9	94.0	97.2

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

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

Index Group	1910 - 1914 Base		
	March 2018	February 2019	March 2019
	(percent)	(percent)	(percent)
Agricultural production	981	922	948
Crop production	767	731	747
Livestock production	1158	1099	1132

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		88.5		95.6		96.0	
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	109.0	110.5	106.3	107.6	109.7	111.7	108.1	109.1
March	109.0	110.6	106.3	107.6	109.9	111.6	108.0	109.5
April	108.6		106.1		109.6		107.6	
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		107.0		111.3		108.2	
December	109.7		106.8		110.7		108.6	

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

Commodity	2011 Base Price	March 2018	February 2019	March 2019	
Field crops					
Austrian winter peas	dollars/cwt	19.50	(S)	(D)	(S)
Barley, all	dollars/bushel	4.79	4.46	4.65	4.88
Feed	dollars/bushel	4.59	2.90	3.22	3.23
Malting	dollars/bushel	4.83	4.60	4.75	5.01
Beans, dry edible	dollars/cwt	34.60	26.20	26.20	24.80
Canola	dollars/cwt	23.10	18.20	16.20	15.80
Chickpeas, all	dollars/cwt	35.70	28.70	22.00	20.80
Large	dollars/cwt	39.20	36.20	20.60	20.70
Small	dollars/cwt	23.40	23.10	26.80	23.30
Corn	dollars/bushel	6.02	3.51	3.60	3.61
Cotton, Upland	dollars/pound	0.880	0.683	0.675	0.688
Cottonseed	dollars/ton	131.00	(NA)	174.00	(NA)
Flaxseed	dollars/bushel	14.20	9.76	9.79	10.10
Hay, all, baled	dollars/ton	159.00	148.00	167.00	170.00
Alfalfa	dollars/ton	176.00	165.00	180.00	184.00
Other	dollars/ton	119.00	124.00	146.00	147.00
Lentils	dollars/cwt	27.50	23.50	15.40	17.60
Oats	dollars/bushel	3.42	2.80	2.84	2.66
Peanuts, in-shell	dollars/pound	0.252	0.244	0.215	0.160
Peas, dry edible	dollars/cwt	13.60	11.30	10.40	10.30
Rice, all	dollars/cwt	13.70	12.70	11.90	11.50
Long	dollars/cwt	12.30	11.70	10.80	10.60
Medium and short	dollars/cwt	18.40	16.60	16.30	15.80
Sorghum grain	dollars/cwt	10.70	6.00	5.83	5.86
Soybeans	dollars/bushel	12.50	9.81	8.52	8.52
Sunflowers, all	dollars/cwt	29.00	17.30	18.00	17.80
Wheat, all	dollars/bushel	7.44	5.10	5.33	5.19
Winter	dollars/bushel	6.93	4.73	5.41	5.15
Durum	dollars/bushel	9.22	5.66	4.73	5.05
Other spring	dollars/bushel	8.33	5.74	5.29	5.23
Hard red winter	dollars/bushel	7.07	4.71	5.12	5.01
Soft red winter	dollars/bushel	6.77	4.86	5.27	5.10
Hard red spring	dollars/bushel	8.38	5.84	5.27	5.22
White	dollars/bushel	6.58	4.74	5.81	5.41
Fruits					
Citrus, equivalent on-tree					
Grapefruit	dollars/box	7.47	16.04	13.18	8.99
Lemons	dollars/box	12.30	20.72	15.75	15.54
Oranges	dollars/box	8.16	15.05	10.09	11.47
Non-citrus, fresh					
Apples ¹	dollars/pound	0.325	0.336	0.397	0.389
Grapes ¹	dollars/ton	628.00	(S)	(S)	(S)
Peaches ¹	dollars/ton	507.00	(S)	(S)	(S)
Pears ¹	dollars/ton	559.00	779.00	561.00	539.00
Strawberries	dollars/cwt	104.00	118.00	126.00	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: March 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	March 2018	February 2019	March 2019	
Vegetables, fresh ¹					
Asparagus	dollars/cwt	37.50	165.00	(S)	(S)
Beans, snap	dollars/cwt	69.00	45.90	55.90	30.40
Broccoli	dollars/cwt	41.60	46.80	50.60	62.40
Cantaloupes	dollars/cwt	16.50	(S)	(S)	(S)
Carrots	dollars/cwt	30.80	27.90	26.30	29.00
Cauliflower	dollars/cwt	47.00	87.60	105.00	99.70
Celery	dollars/cwt	22.50	25.20	70.90	96.00
Corn, sweet	dollars/cwt	30.70	26.90	47.90	26.60
Cucumbers	dollars/cwt	18.70	33.40	(S)	33.30
Lettuce	dollars/cwt	24.30	46.70	37.60	52.40
Onions ²	dollars/cwt	11.90	11.60	12.30	17.90
Potatoes	dollars/cwt	14.30	11.10	10.70	11.30
Tomatoes	dollars/cwt	51.20	40.00	45.40	52.20
Livestock					
Calves	dollars/cwt	142.00	175.00	170.00	170.00
Cattle, all beef	dollars/cwt	115.00	125.00	123.00	126.00
Cows ³	dollars/cwt	71.60	68.90	58.90	62.80
Steers and heifers	dollars/cwt	117.00	127.00	126.00	129.00
Milk cows ⁴	dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all	dollars/cwt	66.50	50.00	43.40	46.50
Barrows and gilts	dollars/cwt	66.80	50.00	43.60	46.50
Sows	dollars/cwt	57.90	47.70	36.20	43.90
Dairy and poultry					
Milk, all ⁵	dollars/cwt	20.10	15.70	16.80	17.50
Fat test	percent	3.71	3.93	4.01	3.99
Broilers, live ⁶	dollars/pound	0.459	0.590	0.490	0.510
Eggs, all ⁷	dollars/dozen	0.969	2.01	0.923	0.868
Market ^{7 8}	dollars/dozen	0.796	1.95	0.700	0.639
Turkeys, live ⁹	dollars/pound	0.680	0.499	0.528	0.532
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	1.90	0.927	0.818
Seasonal factor	percent	101	106	100	106
Milk, all	dollars/cwt	20.20	16.30	17.30	18.20
Seasonal factor	percent	100	96	97	96

(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)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January	4.01	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		3.43	3.58		9.33	9.85	
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		48.40	45.30	
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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(S)	(D)
Arkansas	(D)	(D)	(D)
California	(D)	(S)	(D)
Colorado	4.31	4.86	4.89
Idaho	4.73	5.38	5.45
Illinois	4.87	5.44	4.46
Indiana	4.97	5.56	5.21
Kansas	4.49	5.10	4.81
Michigan	4.72	5.22	5.56
Minnesota	5.72	5.53	5.64
Missouri	4.82	5.28	5.24
Montana	5.35	5.25	5.32
Nebraska	4.52	4.78	4.36
North Carolina	4.97	5.19	4.97
North Dakota	5.65	5.07	5.07
Ohio	4.90	5.53	5.15
Oklahoma	4.49	4.45	4.32
Oregon	5.42	5.87	5.91
South Dakota	5.68	5.27	5.11
Texas	4.64	5.62	6.09
Washington	4.92	6.07	5.25
United States	5.10	5.33	5.19

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	(D)
California	(D)	(S)	(D)
Colorado	4.31	4.86	4.95
Idaho	4.58	5.37	5.44
Illinois	4.87	5.44	4.46
Indiana	4.97	5.56	5.21
Kansas	4.49	5.10	4.81
Michigan	4.72	5.22	5.56
Minnesota	(D)	(S)	(S)
Missouri	4.82	5.28	5.24
Montana	4.96	5.24	5.28
Nebraska	4.52	4.78	4.36
North Carolina	4.97	5.19	4.97
North Dakota	4.15	(D)	4.72
Ohio	4.90	5.53	5.15
Oklahoma	4.49	4.45	4.32
Oregon	5.34	5.86	5.88
South Dakota	5.43	5.28	4.78
Texas	4.64	5.62	6.09
Washington	4.80	6.00	5.10
United States	4.73	5.41	5.15

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(S)	(D)
California	(S)	(S)	(S)
Idaho	(D)	(D)	6.16
Montana	6.22	(D)	(D)
North Dakota	5.21	4.74	4.89
United States	5.66	4.73	5.05

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	(S)	(S)	(D)
Idaho	5.04	5.38	5.42
Minnesota	5.76	5.53	5.64
Montana	6.31	5.30	5.15
North Dakota	5.70	5.10	5.10
Oregon	5.90	5.96	6.03
South Dakota	6.04	5.26	5.25
Washington	5.56	6.28	5.73
United States	5.74	5.29	5.23

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(S)	(S)
Iowa	3.10	3.94	3.80
Michigan	3.30	3.62	3.68
Minnesota	2.29	2.57	2.71
Montana	(S)	(D)	(S)
Nebraska	(D)	3.32	(D)
New York	(D)	(S)	(S)
North Dakota	2.46	(D)	2.49
Oregon	(D)	(S)	(S)
Pennsylvania	4.19	(D)	(D)
South Dakota	2.58	2.76	2.86
Texas	(S)	(S)	(D)
Wisconsin	3.31	3.02	2.92
United States	2.80	2.84	2.66

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(D)
Colorado	(D)	4.60	4.68
Idaho	4.52	5.09	5.30
Minnesota	4.44	4.46	4.41
Montana	4.49	4.40	4.65
North Dakota	4.30	4.32	4.39
Washington	3.16	3.47	(D)
Wyoming	(D)	(D)	(D)
United States	4.46	4.65	4.88

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(D)
Colorado	4.73	4.60	4.68
Idaho	4.78	5.19	5.36
Minnesota	4.45	4.46	(D)
Montana	4.51	4.52	(D)
North Dakota	4.58	4.43	4.64
Washington	(D)	(D)	(D)
Wyoming	(D)	(D)	(D)
United States	4.60	4.75	5.01

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(D)	(S)	(S)
Idaho	3.04	3.21	3.26
Minnesota	2.60	(S)	(D)
Montana	2.77	3.30	(D)
North Dakota	2.81	3.17	3.22
Washington	2.86	3.22	(D)
Wyoming	(S)	(S)	(S)
United States	2.90	3.22	3.23

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas	(S)	(S)	(S)
Kansas	5.93	5.64	5.45
Louisiana	(S)	(S)	(S)
Missouri	6.19	6.91	6.95
Nebraska	5.95	5.56	5.32
Oklahoma	6.37	5.91	5.69
Texas	6.52	6.46	6.79
United States	6.00	5.83	5.86

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

Prices Received for Corn – States and United States: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama	4.16	4.42	4.11
Alaska	(S)	(S)	(S)
Arizona	(D)	(D)	(D)
Arkansas	3.75	3.81	3.61
California	(D)	(D)	(D)
Colorado	3.49	3.56	3.66
Connecticut	(S)	(S)	(S)
Delaware	(D)	(D)	(D)
Florida	(D)	(D)	(S)
Georgia	4.59	(D)	(D)
Hawaii	(S)	(S)	(S)
Idaho	4.27	(D)	4.32
Illinois	3.57	3.58	3.60
Indiana	3.72	3.79	3.78
Iowa	3.43	3.54	3.57
Kansas	3.52	3.65	3.54
Kentucky	3.81	3.71	3.90
Louisiana	3.76	(D)	3.95
Maine	(S)	(S)	(S)
Maryland	4.08	(D)	4.46
Massachusetts	(S)	(S)	(S)
Michigan	3.59	3.69	3.63
Minnesota	3.37	3.41	3.47
Mississippi	3.81	(D)	(D)
Missouri	3.54	3.69	3.66
Montana	(D)	(D)	(D)
Nebraska	3.51	3.55	3.58
Nevada	(S)	(S)	(S)
New Hampshire	(S)	(S)	(S)
New Jersey	(D)	(D)	(D)
New Mexico	(D)	(D)	(D)
New York	4.13	4.14	4.21
North Carolina	4.36	4.52	4.54
North Dakota	3.08	3.31	3.30
Ohio	3.79	3.73	3.74
Oklahoma	3.81	3.86	3.88
Oregon	(D)	(D)	(D)
Pennsylvania	4.03	4.20	4.24
Rhode Island	(S)	(S)	(S)
South Carolina	4.28	(D)	(D)
South Dakota	3.24	3.34	3.34
Tennessee	3.78	3.92	3.75
Texas	4.03	4.72	4.34
Utah	(D)	(D)	(D)
Vermont	(S)	(S)	(S)
Virginia	4.15	4.34	(D)
Washington	4.13	4.35	(D)
West Virginia	(D)	(D)	(D)
Wisconsin	3.46	3.46	3.54
Wyoming	(S)	(D)	(D)
United States ¹	3.51	3.60	3.61

(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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	10.10	8.72	8.40
Illinois	10.00	8.71	8.70
Indiana	10.10	8.91	8.83
Iowa	9.64	8.38	8.46
Kansas	9.58	8.19	8.05
Kentucky	10.10	8.92	8.77
Louisiana	10.00	7.97	8.52
Michigan	9.98	8.60	8.70
Minnesota	9.91	8.38	8.57
Mississippi	10.10	(D)	(D)
Missouri	9.86	8.67	8.60
Nebraska	9.58	8.19	8.25
North Carolina	10.10	8.63	(D)
North Dakota	9.29	7.82	7.83
Ohio	10.10	8.86	8.66
South Dakota	9.36	8.04	8.10
Tennessee	10.10	8.81	8.64
Wisconsin	9.80	8.48	8.61
United States	9.81	8.52	8.52

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

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

State	March 2018	February 2019	March 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	67.50	70.40	66.20
Colorado	22.60	(D)	22.60
Idaho	24.60	24.80	24.20
Michigan	29.30	30.00	(D)
Minnesota	(D)	(D)	(D)
Nebraska	(D)	(D)	(D)
North Dakota	21.50	19.70	21.40
United States	26.20	26.20	24.80

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

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

State	March 2018	February 2019	March 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.226	0.209	0.187
Arkansas	0.208	0.206	(S)
Florida	0.227	0.198	0.196
Georgia	0.226	0.195	0.144
Mississippi	0.213	0.031	0.180
New Mexico	(S)	0.537	0.226
North Carolina	0.240	0.221	(S)
Oklahoma	0.245	0.228	0.228
South Carolina	0.227	0.214	0.189
Texas	0.385	0.337	0.233
Virginia	0.211	0.225	(S)
United States	0.244	0.215	0.160

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

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

State	March 2018	February 2019	March 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	(D)
Minnesota	(D)	(D)	(D)
North Dakota	17.60	18.60	18.50
South Dakota	17.00	17.70	17.40
United States	17.30	18.00	17.80

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

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

State	March 2018	February 2019	March 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	17.70	(D)	(D)
North Dakota	18.20	16.20	15.80
Oklahoma	(S)	(S)	(S)
United States	18.20	16.20	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: March 2019 with Comparisons

State	March 2018	February 2019	March 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.76	9.79	10.10
United States	9.76	9.79	10.10

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	March 2018	February 2019	March 2019	March 2018	February 2019	March 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.720	(D)	0.694	(NA)	98.80	(NA)
Arizona	(D)	(S)	(S)	(NA)	220.00	(NA)
Arkansas	0.756	0.731	(D)	(NA)	140.00	(NA)
California	(D)	(D)	(S)	(NA)	(D)	(NA)
Georgia	0.741	0.698	0.703	(NA)	118.00	(NA)
Louisiana	(D)	(D)	(D)	(NA)	180.00	(NA)
Mississippi	(D)	0.746	(D)	(NA)	165.00	(NA)
North Carolina	0.740	0.681	0.714	(NA)	(D)	(NA)
Tennessee	0.741	(D)	0.678	(NA)	(S)	(NA)
Texas	0.664	0.656	0.676	(NA)	157.00	(NA)
United States	0.683	0.675	0.688	(NA)	174.00	(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: March 2019 with Comparisons

Item	March 2018	February 2019	March 2019
Cotton, Upland			
Average price dollars/pound	0.683	0.675	0.688
Marketings ¹ 1,000 bales	1,097	1,356	1,415
Rice, all			
Average price dollars/cwt	12.70	11.90	11.50
Marketings ² 1,000 cwt	13,748	12,643	15,860
Rice, long			
Average price dollars/cwt	11.70	10.80	10.60
Marketings ² 1,000 cwt	11,028	10,140	13,212
Rice, medium and short			
California			
Average price dollars/cwt	20.00	18.20	18.30
Other States ³			
Average price dollars/cwt	11.80	12.30	12.30
United States			
Average price dollars/cwt	16.60	16.30	15.80
Marketings ² 1,000 cwt	2,720	2,503	2,648

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: March 2019 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	March 2018	February 2019	March 2019	March 2018	February 2019	March 2019	March 2018	February 2019	March 2019
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama ¹	89.00	106.00	88.00	(S)	(S)	(S)	(S)	(S)	(S)
Alaska ¹	360.00	350.00	360.00	(S)	(S)	(S)	360.00	(S)	360.00
Arizona	200.00	210.00	210.00	200.00	210.00	210.00	200.00	200.00	200.00
Arkansas ¹	98.00	107.00	105.00	187.00	(S)	192.00	97.00	(S)	104.00
California	188.00	210.00	216.00	205.00	220.00	225.00	135.00	175.00	185.00
Colorado	190.00	240.00	237.00	190.00	240.00	240.00	190.00	240.00	220.00
Connecticut ¹	164.00	(S)	187.00	189.00	(S)	201.00	159.00	(S)	180.00
Delaware ¹	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida ¹	140.00	147.00	156.00	(S)	(S)	(S)	(S)	(S)	149.00
Georgia ¹	85.00	99.00	97.00	(S)	(S)	(S)	(S)	(S)	87.00
Hawaii ¹	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Idaho	141.00	165.00	160.00	140.00	165.00	160.00	155.00	160.00	160.00
Illinois	149.00	165.00	168.00	160.00	175.00	175.00	110.00	135.00	140.00
Indiana ¹	170.00	160.00	158.00	195.00	185.00	185.00	155.00	135.00	130.00
Iowa	124.00	138.00	149.00	127.00	141.00	150.00	116.00	127.00	145.00
Kansas	124.00	151.00	140.00	154.00	174.00	171.00	90.00	102.00	105.00
Kentucky	147.00	166.00	166.00	215.00	220.00	220.00	125.00	150.00	150.00
Louisiana ¹	97.00	99.00	98.00	(S)	(S)	(S)	97.00	(S)	98.00
Maine ¹	152.00	(S)	124.00	178.00	(S)	(S)	117.00	(S)	110.00
Maryland ¹	137.00	(S)	154.00	160.00	(S)	180.00	119.00	(S)	143.00
Massachusetts ¹	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Michigan	152.00	159.00	165.00	160.00	170.00	175.00	130.00	140.00	135.00
Minnesota	126.00	170.00	179.00	130.00	179.00	186.00	102.00	152.00	153.00
Mississippi ¹	91.00	97.00	97.00	(S)	(S)	(S)	91.00	(S)	94.00
Missouri	105.00	126.00	131.00	155.00	155.00	160.00	90.00	120.00	125.00
Montana	145.00	148.00	148.00	150.00	150.00	150.00	130.00	135.00	135.00
Nebraska	102.00	113.00	113.00	113.00	120.00	121.00	79.00	96.00	96.00
Nevada	181.00	180.00	180.00	185.00	180.00	180.00	150.00	175.00	180.00
New Hampshire ¹	150.00	(S)	128.00	170.00	(S)	(S)	131.00	(S)	(S)
New Jersey ¹	(S)	(S)	(S)	(S)	(S)	(S)	102.00	(S)	(S)
New Mexico	192.00	245.00	245.00	200.00	260.00	260.00	160.00	165.00	165.00
New York	124.00	176.00	151.00	190.00	200.00	166.00	120.00	167.00	146.00
North Carolina ¹	126.00	122.00	127.00	220.00	(S)	(S)	125.00	(S)	125.00
North Dakota	101.00	86.00	85.00	109.00	90.00	92.00	79.00	68.00	67.00
Ohio	142.00	151.00	154.00	190.00	180.00	185.00	115.00	125.00	125.00
Oklahoma	103.00	124.00	122.00	145.00	190.00	196.00	88.00	112.00	100.00
Oregon	167.00	181.00	190.00	170.00	185.00	190.00	160.00	175.00	190.00
Pennsylvania	156.00	188.00	199.00	178.00	199.00	230.00	150.00	185.00	192.00
Rhode Island ¹	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
South Carolina ¹	152.00	(S)	(S)	(S)	(S)	(S)	152.00	(S)	(S)
South Dakota	116.00	113.00	108.00	123.00	117.00	112.00	100.00	105.00	98.00
Tennessee ¹	122.00	132.00	112.00	210.00	(S)	230.00	120.00	(S)	110.00
Texas	110.00	138.00	146.00	205.00	197.00	212.00	97.00	127.00	132.00
Utah	150.00	185.00	185.00	150.00	185.00	185.00	125.00	140.00	150.00
Vermont ¹	173.00	(S)	125.00	217.00	(S)	160.00	(S)	(S)	125.00
Virginia ¹	137.00	151.00	156.00	215.00	(S)	215.00	130.00	(S)	145.00
Washington	180.00	186.00	183.00	170.00	180.00	180.00	200.00	200.00	190.00
West Virginia ¹	(S)	(S)	129.00	(S)	(S)	(S)	(S)	(S)	(S)
Wisconsin	122.00	196.00	191.00	135.00	201.00	203.00	90.00	179.00	152.00
Wyoming	157.00	168.00	171.00	160.00	175.00	175.00	140.00	145.00	145.00
United States ²	148.00	167.00	170.00	165.00	180.00	184.00	124.00	146.00	147.00

(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 Premium and Supreme Alfalfa Hay – States and 5-State Total: March 2019

State	March 2018	February 2019	March 2019
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	(NA)	240.00	235.00
Idaho	(NA)	180.00	170.00
Michigan	(NA)	175.00	180.00
Minnesota	(NA)	232.00	215.00
New York	(NA)	256.00	212.00
Pennsylvania	(NA)	310.00	278.00
Texas	(NA)	257.00	258.00
Wisconsin	(NA)	248.00	247.00
5-State Total ^{1 2}	(NA)	225.00	213.00

(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: March 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		
	March 2018	February 2019	March 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)
California	(S)	(S)	(S)
Michigan	0.330	0.335	0.315
New York	0.310	0.380	0.384
Pennsylvania	0.330	0.395	0.397
Virginia	0.300	0.300	0.300
Washington	0.340	0.409	0.396
United States	0.336	0.397	0.389

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

Prices Received for Citrus Fruits by Utilization – States and United States: March 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)	20.16	(D)	(D)	17.43	(D)	(D)
Florida, all	36.50	18.63	26.15	13.98	15.24	23.35	10.22
White	(S)	(S)	(S)	13.80	(S)	(S)	10.40
Red	36.50	18.92	26.15	14.00	15.53	23.35	10.20
Texas	32.20	10.40	20.60	(D)	8.87	18.99	(D)
United States	34.40	19.19	25.67	12.07	16.04	23.08	8.30
Lemons							
Arizona	(S)	(S)	(S)	(S)	(S)	(S)	(S)
California	48.40	26.79	38.37	(D)	20.72	31.85	(D)
United States	48.40	26.79	38.37	(D)	20.72	31.85	(D)
Oranges							
California, all	37.90	23.28	27.98	(D)	20.49	25.22	(D)
Navel and miscellaneous	37.90	23.28	27.98	(D)	20.49	25.22	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	33.50	14.63	22.75	14.31	11.38	19.50	11.06
Early and mids	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Valencia	33.60	14.62	22.80	14.30	11.37	19.55	11.05
Texas, all	36.00	19.56	24.45	(D)	17.76	22.62	(D)
Early and mids	30.90	8.99	19.30	(D)	7.27	17.47	(D)
Valencia	37.20	25.60	25.60	(S)	23.77	23.77	(S)
United States	37.60	18.12	27.65	12.83	15.05	24.86	9.62

(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: February 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)	22.00	(D)	(S)	19.54	(D)	(S)
Florida, all	33.20	17.82	22.83	15.49	14.41	20.05	11.79
White	30.70	15.55	20.35	14.30	12.29	17.65	10.90
Red	33.60	18.46	23.25	15.90	15.01	20.45	12.10
Texas	36.90	11.35	25.30	(D)	9.83	23.69	(D)
United States	33.90	15.89	23.58	10.99	13.18	21.27	8.02
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	41.10	22.28	30.87	(D)	16.10	24.22	(D)
United States	41.10	21.90	30.89	(D)	15.75	24.24	(D)
Oranges							
California, all	27.70	13.19	17.58	(D)	10.32	14.76	(D)
Navel and miscellaneous	27.70	13.19	17.58	(D)	10.32	14.76	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	28.50	12.90	17.70	12.65	9.83	14.42	9.60
Early and mids	27.20	12.71	16.40	12.60	9.65	13.10	9.55
Valencia	30.20	16.25	19.40	(S)	13.00	16.15	(S)
Texas, all	33.30	13.49	21.70	(D)	11.73	19.87	(D)
Early and mids	33.30	12.47	21.70	(D)	10.72	19.87	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	27.80	13.05	17.66	10.05	10.09	14.83	7.01

(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	18.85	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 All Milk – States and United States: March 2019 with Comparisons

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

State	March 2018		February 2019		March 2019	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	14.50	3.68	16.50	3.78	16.80	3.71
California	15.15	3.94	16.50	4.03	17.30	4.02
Colorado	16.00	3.75	17.20	3.87	17.80	3.84
Florida	18.70	3.65	20.50	3.63	20.80	3.58
Idaho	15.50	4.05	16.10	4.07	17.00	4.02
Illinois	15.90	3.93	16.70	4.02	17.50	4.00
Indiana	15.10	3.83	16.80	3.97	17.30	3.93
Iowa	16.10	3.97	16.80	4.06	17.70	4.01
Kansas	14.90	3.89	15.90	4.01	16.60	4.00
Michigan	14.10	3.83	15.80	3.87	16.50	3.87
Minnesota	16.30	3.98	16.70	4.15	17.80	4.12
New Mexico	14.20	3.71	15.00	3.80	15.90	3.78
New York	15.80	3.91	17.70	3.98	18.30	3.96
Ohio	15.80	3.94	17.40	3.97	17.80	3.93
Oregon	18.10	4.04	18.80	4.23	19.80	4.22
Pennsylvania	16.00	3.87	17.90	3.95	18.50	3.91
South Dakota	17.00	4.21	17.60	4.38	18.50	4.34
Texas	16.40	4.11	17.00	4.25	17.70	4.21
Utah	15.70	3.92	16.30	4.00	17.20	3.97
Vermont	16.20	3.93	18.10	4.05	18.70	4.03
Virginia	16.10	3.82	18.60	3.85	18.60	3.82
Washington	15.80	4.04	17.60	4.23	18.10	4.22
Wisconsin	16.20	3.93	16.30	3.98	17.30	3.97
United States	15.70	3.93	16.80	4.01	17.50	3.99

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: March 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			
		March 2018	February 2019	March 2019	March 2018	February 2019	March 2019	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
Basic commodities								
All wheat	bushel	0.571	17.60	17.00	17.10	29	31	30
Rice	cwt	1.34	39.90	39.90	40.10	32	30	29
Corn	bushel	0.439	13.20	13.10	13.10	27	27	28
Cotton								
Upland	pound	0.069	2.00	2.05	2.07	34	33	33
American Pima	pound	0.136	3.99	4.04	4.07	35	34	34
Peanuts	pound	0.023	0.676	0.684	0.688	36	31	23
Small chickpeas ¹	cwt	2.42	70.80	72.00	72.40	33	37	32
Large chickpeas ¹	cwt	3.26	96.60	97.00	97.60	37	21	21
Lentils ¹	cwt	2.56	77.80	76.10	76.60	30	20	23
Designated non-basic								
All milk, to plants ²	cwt	1.76	52.30	52.30	52.70	31	33	35
Honey, extracted ³	pound	0.186	5.14	5.53	5.57	42	39	39
Wool and mohair								
Wool	pound	0.140	3.88	4.16	4.19	38	42	42
Mohair	pound	0.426	11.90	12.70	12.80	42	41	41
Other non-basic								
Apples, fresh ⁴	pound	0.035	1.030	1.040	1.050	33	38	37
Barley	bushel	0.503	14.90	15.00	15.10	30	31	32
Canola	cwt	1.88	55.20	55.90	56.30	33	29	28
Cottonseed	ton	20.20	593.00	601.00	605.00	26	29	29
Dry edible beans	cwt	3.20	96.00	95.20	95.80	27	28	26
Flaxseed	bushel	1.09	33.80	32.40	32.60	29	30	31
Oats	bushel	0.288	8.58	8.57	8.62	33	33	31
Potatoes, fresh	cwt	1.11	32.60	33.00	33.20	34	32	34
Sorghum grain	cwt	0.742	22.40	22.10	22.20	27	26	26
Soybeans	bushel	1.09	32.60	32.40	32.60	30	26	26
Sunflower, all	cwt	2.10	64.00	62.50	62.90	27	29	28
Citrus (equivalent on-tree)								
Grapefruit	box	0.738	21.70	21.90	22.10	74	60	41
Lemons	box	1.87	54.90	55.60	56.00	38	28	28
Oranges	box	0.910	26.70	27.10	27.20	56	37	42
Livestock and poultry								
Beef cattle	cwt	11.70	335.00	348.00	350.00	37	35	36
Broilers	pound	0.052	1.50	1.55	1.56	39	32	33
Calves	cwt	17.00	485.00	506.00	509.00	36	34	33
Eggs ²	dozen	0.102	2.97	3.03	3.05	64	31	27
Hogs	cwt	5.69	166.00	169.00	170.00	30	26	27
Turkeys, live	pound	0.066	1.940	1.960	1.980	26	27	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: March 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		
		March 2018	February 2019	March 2019
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops pound	0.406	11.60	12.10	12.20
Mustard seed cwt	3.30	97.80	98.10	98.80
Rapeseed cwt	2.71	79.90	80.60	81.10
Rye bushel	0.627	18.50	18.60	18.80
Safflower cwt	2.24	65.80	66.60	67.00
Spearmint oil pound	1.73	50.80	51.50	51.80
Sweet potatoes cwt	2.07	60.50	61.60	62.00
Tobacco				
Flue-cured, 11-14 pound	0.185	5.46	5.50	5.54
Fire-cured, 21-23 pound	0.254	7.46	7.55	7.60
Burley, 31 pound	0.181	5.35	5.38	5.42
Maryland, 32 pound	0.171	5.05	5.09	5.12
Dark air-cured, 35-37 pound	0.228	6.70	6.78	6.82
Pennsylvania seedleaf, 41 pound	0.196	5.79	5.83	5.87
Non-citrus fruit				
Apples, processing ^{1 2} ton	20.20	576.00	601.00	605.00
Apricots				
Fresh ³ ton	121.00	3,410.00	3,600.00	3,620.00
Dried (California) ton	313.00	8,750.00	9,310.00	9,370.00
Avocados ^{2 3} ton	200.00	5,370.00	5,950.00	5,990.00
Cherries				
Sweet ton	215.00	6,260.00	6,390.00	6,430.00
Tart ² pound	0.032	0.940	0.952	0.958
Cranberry ^{2 4} barrel	3.87	120.00	115.00	116.00
Dates (California) ³ ton	159.00	4,230.00	4,730.00	4,760.00
Grapes (California)				
Raisin variety ⁵ ton	147.00	4,110.00	4,370.00	4,400.00
Wine, processing ton	71.90	2,010.00	2,140.00	2,150.00
Kiwifruit ² ton	105.00	3,050.00	3,120.00	3,140.00
Nectarines, fresh (California) ³ ton	73.00	1,970.00	2,170.00	2,180.00
Olives, canning (California) ⁴ ton	106.00	2,910.00	3,150.00	3,170.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: March 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		
		March 2018	February 2019	March 2019
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.042	1.20	1.25	1.26
Peaches				
Fresh ^{4 6} ton	97.30	2,670.00	2,890.00	2,910.00
Dried (California) ^{1 5} ton	43.30	1,280.00	1,290.00	1,300.00
Processing, excludes dried Clingstone (California) ⁴ ton	37.90	1,060.00	1,130.00	1,130.00
Pears, Fresh ⁶ ton	63.60	1,770.00	1,890.00	1,900.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	68.50	1,910.00	2,040.00	2,050.00
Prunes, dried (California) ^{1 2 5} ton	171.00	4,700.00	5,090.00	5,120.00
Strawberries				
Fresh ¹⁰ pound	9.62	283.00	286.00	288.00
Processing pound	3.62	106.00	108.00	108.00
Sugar crops				
Sugar beets ^{2 8} ton	5.10	150.00	152.00	153.00
Sugarcane ^{2 8} ton	3.50	102.00	104.00	105.00
Tree nuts ⁹				
Almonds pound	0.242	6.93	7.20	7.24
Hazelnuts ton	236.00	6,840.00	7,020.00	7,060.00
Pistachios pound	0.238	6.93	7.08	7.12
Walnuts ton	237.00	6,870.00	7,050.00	7,090.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.79	81.90	83.00	83.50
Cauliflower ¹¹ cwt	4.59	135.00	137.00	137.00
Celery ¹¹ cwt	1.98	58.20	58.90	59.30
Honeydew melons cwt	2.02	59.30	60.10	60.50
Lettuce cwt	2.43	71.40	72.30	72.70
Onions ¹¹ cwt	1.41	41.40	41.90	42.20
Tomatoes cwt	4.05	119.00	120.00	121.00

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

Broilers: December 1, previous year through November 30 for the United States.

Eggs: December 1, previous year to November 30 for the United States.

Milk: January 1 to December 31 for the United States.

Turkeys: January 1 to December 31 for the United States.

Prices Received for Broilers by Month – United States: 2013-2018

[Live weight equivalent price]

Year	December ¹	January	February	March	April	May
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2013	0.590	0.620	0.620	0.660	0.660	0.680
2014	0.560	0.570	0.550	0.650	0.680	0.730
2015	0.580	0.600	0.540	0.590	0.640	0.650
2016	0.470	0.500	0.460	0.480	0.510	0.560
2017	0.480	0.490	0.480	0.550	0.570	0.660
2018	0.490	0.520	0.510	0.590	0.650	0.720
Year	June	July	August	September	October	November
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2013	0.670	0.600	0.540	0.550	0.530	0.560
2014	0.700	0.660	0.600	0.660	0.650	0.630
2015	0.620	0.510	0.470	0.430	0.410	0.420
2016	0.570	0.510	0.440	0.420	0.370	0.440
2017	0.660	0.620	0.540	0.510	0.480	0.490
2018	0.730	0.670	0.490	0.460	0.460	0.490

¹ December preceding year.

Prices Received for Turkeys by Month – United States: 2013-2018

[Live weight equivalent price]

Year	January	February	March	April	May	June
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2013	0.635	0.627	0.650	0.662	0.649	0.657
2014	0.645	0.664	0.683	0.687	0.726	0.728
2015	0.662	0.669	0.683	0.702	0.759	0.812
2016	0.789	0.794	0.789	0.832	0.831	0.865
2017	0.689	0.672	0.690	0.666	0.686	0.658
2018	0.508	0.506	0.499	0.500	0.498	0.508
Year	July	August	September	October	November	December
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2013	0.677	0.674	0.679	0.724	0.656	0.687
2014	0.740	0.756	0.775	0.822	0.821	0.734
2015	0.848	0.897	0.925	0.971	0.922	0.886
2016	0.866	0.843	0.878	0.852	0.815	0.744
2017	0.678	0.647	0.623	0.627	0.577	0.529
2018	0.519	0.517	0.531	0.511	0.530	0.498

Prices Received for All Eggs by Month – United States: 2013-2018

[Includes hatching and market eggs]

Year	December ¹	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2013	1.120	1.060	0.991	1.140	0.879	1.170
2014	1.380	1.110	1.400	1.230	1.270	1.170
2015	1.750	1.240	1.290	1.540	1.080	1.730
2016	1.240	1.180	1.080	0.970	0.679	0.550
2017	1.210	0.815	0.626	0.785	0.633	0.619
2018	1.330	1.150	1.260	2.010	1.200	0.857
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2013	0.926	1.030	1.070	1.030	1.040	1.320
2014	1.090	1.240	1.080	1.040	1.140	1.510
2015	2.000	1.900	2.390	1.900	1.430	2.000
2016	0.540	0.650	0.653	0.604	0.512	0.591
2017	0.635	0.823	0.749	1.090	0.901	1.380
2018	1.030	1.100	1.090	0.936	0.918	1.140

¹ December preceding year.

Prices Received for Market Eggs by Month – United States: 2013-2018

Year	December ¹	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2013	0.957	0.863	0.776	0.952	0.645	0.977
2014	1.210	0.906	1.230	1.040	1.090	0.972
2015	1.650	1.060	1.110	1.410	0.871	1.610
2016	1.040	0.969	0.850	0.731	0.392	0.242
2017	1.020	0.572	0.374	0.555	0.378	0.360
2018	1.180	0.962	1.090	1.950	1.010	0.619
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2013	0.695	0.821	0.870	0.823	0.836	1.160
2014	0.876	1.050	0.864	0.824	0.934	1.370
2015	1.930	1.810	2.380	1.800	1.260	1.920
2016	0.231	0.361	0.369	0.317	0.215	0.310
2017	0.377	0.591	0.506	0.901	0.683	1.230
2018	0.818	0.894	0.892	0.712	0.695	0.949

¹ December preceding year.

Prices Received for All Milk Sold at Plants by Month – States and United States: 2017

State	January	February	March	April	May	June
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	17.80	17.20	16.20	15.50	15.70	16.70
California	17.46	17.08	15.53	15.25	15.96	16.56
Colorado	19.50	18.70	18.00	17.30	17.20	17.70
Florida	22.80	21.60	21.80	20.50	20.10	20.80
Idaho	18.30	18.40	16.60	16.10	16.40	16.70
Illinois	19.60	18.90	18.10	17.30	17.20	17.90
Indiana	19.40	18.70	17.90	16.90	16.70	17.10
Iowa	19.30	19.00	17.70	17.20	17.40	17.90
Kansas	18.60	17.80	16.40	15.40	15.60	16.40
Michigan	18.10	17.50	16.50	15.40	15.30	15.80
Minnesota	18.90	18.60	17.50	16.70	17.10	17.50
New Mexico	17.90	17.10	15.70	14.80	15.00	15.80
New York	19.70	19.10	18.60	17.20	16.90	17.60
Ohio	19.90	19.30	18.50	17.50	17.40	17.90
Oregon	21.10	20.60	19.30	18.50	18.60	19.60
Pennsylvania	20.00	19.20	18.60	17.40	17.40	18.00
South Dakota	20.00	19.80	18.60	17.90	18.20	18.80
Texas	20.20	19.30	17.80	16.90	17.10	17.70
Utah	19.00	18.40	17.90	16.50	16.50	17.10
Vermont	19.90	19.40	18.80	17.60	17.50	18.20
Virginia	21.30	20.00	19.90	18.20	17.90	18.60
Washington	19.70	18.90	18.00	17.10	17.10	18.00
Wisconsin	19.30	19.00	18.00	17.20	17.40	17.90
United States	18.90	18.40	17.30	16.50	16.70	17.30
State	July	August	September	October	November	December
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	17.20	17.70	17.30	17.10	16.70	16.00
California	16.46	17.45	16.64	17.37	16.85	15.55
Colorado	17.70	18.30	18.30	18.60	18.50	18.00
Florida	22.00	22.20	21.90	21.40	21.50	21.60
Idaho	16.50	17.20	17.30	18.20	18.10	16.80
Illinois	17.60	18.50	18.50	18.70	19.20	18.00
Indiana	17.30	17.90	17.80	17.60	17.90	17.30
Iowa	17.30	18.20	18.20	18.60	18.80	17.50
Kansas	16.40	17.30	17.40	17.50	17.80	16.80
Michigan	16.00	16.60	16.50	16.30	16.60	16.00
Minnesota	16.90	18.10	18.00	18.60	18.80	17.20
New Mexico	15.90	16.80	16.60	16.80	17.10	16.30
New York	18.00	18.60	18.40	18.20	18.30	17.70
Ohio	18.00	18.60	18.60	18.30	18.70	18.20
Oregon	19.10	20.20	20.20	20.70	20.80	19.60
Pennsylvania	18.70	19.30	19.20	18.80	18.90	18.40
South Dakota	17.90	19.00	18.70	19.40	19.60	18.10
Texas	18.00	19.00	18.80	19.10	19.20	18.40
Utah	17.00	17.60	17.80	18.30	18.40	17.60
Vermont	18.60	19.10	18.80	18.50	18.60	18.10
Virginia	19.40	19.90	20.00	19.50	19.70	19.10
Washington	18.30	18.90	18.70	18.40	18.30	17.60
Wisconsin	17.10	18.20	18.20	18.50	19.10	17.80
United States	17.20	18.10	17.90	18.10	18.20	17.20

Prices Received for All Milk Sold at Plants by Month – States and United States: 2018

State	January	February	March	April	May	June
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	15.10	14.40	14.50	14.80	15.50	16.00
California	15.24	14.85	15.15	14.68	15.55	15.74
Colorado	16.70	15.90	16.00	16.20	16.60	16.80
Florida	20.40	19.20	18.70	19.10	19.60	20.40
Idaho	15.20	14.90	15.50	15.30	16.00	15.70
Illinois	16.70	15.60	15.90	16.30	16.50	16.10
Indiana	16.10	14.90	15.10	15.30	15.50	15.50
Iowa	16.40	15.70	16.10	16.30	16.80	16.20
Kansas	16.10	14.60	14.90	15.10	15.20	15.30
Michigan	14.90	13.80	14.10	14.50	14.80	14.80
Minnesota	16.20	16.00	16.30	16.60	16.90	16.30
New Mexico	15.60	14.00	14.20	14.30	14.80	14.90
New York	16.70	15.60	15.80	16.10	16.40	16.90
Ohio	16.80	15.70	15.80	16.10	16.10	16.10
Oregon	18.10	17.60	18.10	18.40	19.20	19.10
Pennsylvania	17.00	15.90	16.00	16.40	16.70	17.00
South Dakota	17.00	16.60	17.00	17.30	17.60	17.00
Texas	17.60	16.20	16.40	16.50	17.00	17.00
Utah	16.20	15.10	15.70	15.80	16.20	16.10
Vermont	17.00	15.90	16.20	16.70	17.00	17.40
Virginia	18.30	16.50	16.10	16.80	17.20	17.60
Washington	16.70	15.90	15.80	16.10	16.90	17.10
Wisconsin	16.40	15.60	16.20	16.50	16.80	16.50
United States	16.20	15.30	15.70	15.70	16.20	16.30
State	July	August	September	October	November	December
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arizona	15.40	15.50	16.20	16.80	16.40	16.00
California	15.14	15.85	16.56	17.04	17.21	16.53
Colorado	16.00	16.40	17.30	18.20	17.60	17.10
Florida	20.10	19.50	19.90	21.40	20.80	20.10
Idaho	14.90	15.90	16.40	16.80	16.30	16.00
Illinois	15.60	16.10	17.20	17.90	17.50	16.70
Indiana	14.70	15.20	16.00	17.20	17.20	16.60
Iowa	15.40	16.50	17.40	18.00	16.90	16.50
Kansas	14.50	14.90	15.80	16.60	16.00	15.20
Michigan	14.20	14.60	15.40	16.50	16.10	15.60
Minnesota	15.40	16.60	17.70	17.50	16.70	16.20
New Mexico	14.10	14.40	15.10	15.70	15.30	14.70
New York	16.10	16.40	17.10	18.10	17.80	17.40
Ohio	15.50	15.80	16.40	17.50	17.50	17.20
Oregon	17.90	18.10	19.50	19.90	19.60	19.00
Pennsylvania	16.20	16.40	17.10	18.10	18.00	17.60
South Dakota	16.20	17.10	18.30	18.70	17.60	17.00
Texas	16.10	16.50	17.30	18.10	17.60	16.80
Utah	15.30	15.80	16.80	17.50	16.80	16.30
Vermont	16.50	16.70	17.50	18.50	18.20	17.80
Virginia	17.40	17.10	17.50	19.20	19.00	18.10
Washington	16.30	16.40	17.40	18.30	17.80	17.40
Wisconsin	15.40	16.30	17.50	17.80	17.00	16.20
United States	15.50	16.10	16.90	17.50	17.10	16.60

Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2017

State	January	February	March	April	May	June
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.72	3.65	3.57	3.55	3.55	3.56
California	3.97	3.91	3.87	3.82	3.78	3.75
Colorado	3.82	3.74	3.68	3.69	3.67	3.57
Florida	3.69	3.67	3.67	3.65	3.64	3.64
Idaho	4.06	3.99	3.92	3.89	3.85	3.77
Illinois	3.93	3.87	3.85	3.83	3.79	3.72
Indiana	3.88	3.81	3.80	3.72	3.66	3.60
Iowa	3.96	3.89	3.90	3.86	3.82	3.75
Kansas	3.90	3.83	3.74	3.68	3.68	3.64
Michigan	3.81	3.77	3.75	3.71	3.66	3.60
Minnesota	3.95	3.92	3.93	3.87	3.84	3.77
New Mexico	3.75	3.71	3.64	3.58	3.55	3.51
New York	3.95	3.92	3.92	3.86	3.80	3.74
Ohio	3.97	3.92	3.90	3.83	3.78	3.72
Oregon	4.13	4.08	4.01	3.95	3.88	3.82
Pennsylvania	3.94	3.90	3.88	3.83	3.76	3.72
South Dakota	4.16	4.11	4.11	4.07	4.04	3.99
Texas	4.13	4.07	4.01	3.98	3.98	3.92
Utah	3.98	3.87	3.80	3.80	3.73	3.63
Vermont	3.95	3.94	3.94	3.88	3.84	3.77
Virginia	3.87	3.80	3.78	3.71	3.67	3.65
Washington	4.13	4.08	4.01	3.95	3.88	3.82
Wisconsin	3.90	3.85	3.85	3.81	3.77	3.70
United States	3.95	3.89	3.86	3.82	3.78	3.72
State	July	August	September	October	November	December
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.58	3.59	3.61	3.69	3.72	3.72
California	3.70	3.74	3.79	3.95	3.95	4.02
Colorado	3.53	3.57	3.63	3.77	3.81	3.81
Florida	3.66	3.70	3.72	3.73	3.77	3.74
Idaho	3.73	3.75	3.84	4.05	4.06	4.09
Illinois	3.70	3.71	3.80	3.87	3.99	3.98
Indiana	3.60	3.63	3.71	3.73	3.88	3.91
Iowa	3.73	3.77	3.84	3.91	4.04	4.03
Kansas	3.62	3.64	3.70	3.81	3.91	3.93
Michigan	3.59	3.62	3.69	3.70	3.85	3.89
Minnesota	3.74	3.78	3.86	3.95	4.06	4.04
New Mexico	3.51	3.53	3.64	3.73	3.77	3.80
New York	3.72	3.76	3.83	3.85	3.95	3.97
Ohio	3.71	3.75	3.84	3.86	3.99	4.03
Oregon	3.90	3.93	4.01	4.05	4.12	4.12
Pennsylvania	3.72	3.73	3.81	3.82	3.92	3.92
South Dakota	3.93	3.96	4.04	4.13	4.26	4.24
Texas	3.92	3.94	4.04	4.14	4.19	4.21
Utah	3.58	3.65	3.76	3.92	3.93	4.00
Vermont	3.76	3.77	3.83	3.83	3.93	3.96
Virginia	3.62	3.65	3.74	3.76	3.87	3.91
Washington	3.90	3.93	4.01	4.05	4.12	4.12
Wisconsin	3.67	3.70	3.78	3.83	3.97	3.98
United States	3.70	3.73	3.81	3.89	3.97	3.99

Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2018

State	January	February	March	April	May	June
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.70	3.69	3.68	3.62	3.61	3.60
California	3.99	3.96	3.94	3.75	3.89	3.79
Colorado	3.82	3.81	3.75	3.72	3.65	3.58
Florida	3.77	3.69	3.65	3.61	3.59	3.61
Idaho	4.05	4.01	4.05	3.97	3.85	3.83
Illinois	4.00	3.96	3.93	3.91	3.80	3.74
Indiana	3.93	3.84	3.83	3.83	3.70	3.62
Iowa	4.06	4.02	3.97	3.98	3.86	3.77
Kansas	3.99	3.94	3.89	3.87	3.73	3.69
Michigan	3.93	3.87	3.83	3.86	3.78	3.70
Minnesota	4.05	4.02	3.98	3.99	3.87	3.80
New Mexico	3.83	3.77	3.71	3.66	3.60	3.56
New York	3.97	3.91	3.91	3.90	3.80	3.74
Ohio	4.06	3.96	3.94	3.92	3.80	3.71
Oregon	4.17	4.16	4.04	3.99	3.97	3.93
Pennsylvania	3.95	3.87	3.87	3.84	3.73	3.68
South Dakota	4.27	4.27	4.21	4.22	4.11	3.97
Texas	4.24	4.20	4.11	4.07	3.97	3.91
Utah	3.97	3.96	3.92	3.84	3.77	3.70
Vermont	3.99	3.95	3.93	3.95	3.87	3.79
Virginia	3.93	3.83	3.82	3.79	3.69	3.65
Washington	4.17	4.16	4.04	3.99	3.97	3.93
Wisconsin	3.99	3.96	3.93	3.94	3.83	3.74
United States	4.00	3.96	3.93	3.87	3.83	3.76
State	July	August	September	October	November	December
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.60	3.57	3.60	3.72	3.79	3.78
California	3.78	3.79	3.89	3.98	4.03	4.04
Colorado	3.57	3.63	3.69	3.85	3.87	3.89
Florida	3.65	3.69	3.71	3.69	3.71	3.71
Idaho	3.80	3.79	3.93	4.06	4.13	4.13
Illinois	3.72	3.75	3.83	3.99	4.05	4.03
Indiana	3.60	3.63	3.67	3.80	3.97	3.96
Iowa	3.77	3.81	3.88	4.04	4.09	4.06
Kansas	3.70	3.73	3.76	3.96	4.06	4.04
Michigan	3.68	3.69	3.73	3.85	3.94	3.95
Minnesota	3.80	3.85	3.95	4.15	4.19	4.12
New Mexico	3.56	3.60	3.65	3.77	3.88	3.87
New York	3.70	3.71	3.76	3.89	4.01	4.01
Ohio	3.70	3.75	3.77	3.91	4.06	4.07
Oregon	3.94	3.86	4.00	4.19	4.24	4.25
Pennsylvania	3.65	3.67	3.71	3.85	3.97	3.98
South Dakota	3.96	3.99	4.09	4.30	4.37	4.35
Texas	3.91	3.95	4.04	4.24	4.35	4.32
Utah	3.68	3.73	3.82	3.96	4.04	4.07
Vermont	3.73	3.75	3.81	3.96	4.06	4.06
Virginia	3.64	3.67	3.70	3.78	3.94	3.95
Washington	3.94	3.86	4.00	4.19	4.24	4.25
Wisconsin	3.71	3.73	3.82	3.98	4.04	4.01
United States	3.74	3.76	3.84	3.98	4.05	4.05

Adjustment for Seasonal Variation - All Eggs and All Milk

Base prices used in calculating parity prices are averages of prices received by farmers for ten years; therefore, any seasonal variation is largely averaged out. To facilitate comparisons with parity prices, monthly prices for All Eggs and All Milk are adjusted for seasonal variation. The seasonally adjusted price is calculated by dividing the monthly price by the adjustment factor.

Prices Received for All Eggs Adjusted for Seasonal Variation by Month – United States: 2015-2018

State	Prices received adjusted for seasonal variation, dollars per dozen											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	1.520	1.350	1.310	1.540	1.260	1.890	2.060	1.850	2.150	1.930	1.580	1.690
2016	0.983	1.240	1.120	0.994	0.808	0.632	0.591	0.621	0.606	0.606	0.584	0.471
2017	0.969	0.786	0.645	0.750	0.748	0.754	0.765	0.849	0.717	1.080	1.040	1.090
2018	1.070	1.090	1.290	1.900	1.440	1.050	1.230	1.120	1.010	0.940	1.050	0.905

¹ December preceding year.

Prices Received for All Eggs as a Percentage of Parity Price by Month – United States: 2015-2018

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	55	49	47	55	45	68	74	67	78	71	58	63
2016	37	42	38	33	27	21	20	21	21	21	20	16
2017	33	27	22	26	25	26	26	29	24	37	35	37
2018	36	37	43	64	48	35	41	38	34	32	35	30

¹ December preceding year.

Prices Received for All Eggs Adjustment Factors by Month – United States: 2015-2018

State	Seasonal price adjustment factors, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	116	93	98	100	86	91	97	103	111	98	91	118
2016	126	95	97	97	84	87	91	105	107	99	87	125
2017	125	101	97	104	85	82	83	97	104	101	87	126
2018	124	105	98	106	83	81	84	98	108	100	87	126

¹ December preceding year.

Prices Received for All Milk Adjusted for Seasonal Variation by Month – United States: 2015-2018

State	Prices received adjusted for seasonal variation, dollars per cwt											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	20.20	18.10	17.30	17.10	16.90	17.30	17.30	17.20	16.70	16.90	16.50	16.90
2016	16.90	16.40	16.40	16.00	15.60	15.20	15.40	16.50	17.20	16.70	15.60	16.50
2017	18.10	19.10	18.90	18.00	17.10	17.80	18.20	17.70	17.90	17.00	16.90	17.00
2018	16.50	16.00	15.60	16.30	16.60	17.30	17.10	15.90	15.80	16.00	16.30	15.90

¹ December preceding year.

Prices Received for All Milk as a Percentage of Parity Price by Month – United States: 2015-2018

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	37	33	32	31	31	32	32	32	31	32	31	32
2016	33	31	32	31	30	29	29	32	33	33	31	32
2017	35	37	36	35	33	34	35	34	35	33	32	32
2018	31	31	30	31	32	33	33	31	30	31	31	30

¹ December preceding year.

Prices Received for All Milk Adjustment Factors by Month – United States: 2015-2018

State	Seasonal price adjustment factors, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2015	101	97	97	97	98	97	98	97	100	104	107	108
2016	102	98	96	96	97	95	96	97	100	104	107	108
2017	105	99	98	96	96	94	95	97	101	105	107	107
2018	105	101	98	96	95	94	96	97	101	105	107	107

¹ December preceding year.

Other Hay Baled Market Year Average Prices Received – Selected Regions: 2014-2016, 2015-2017, and 2016-2018 Averages

[Prices provided to the Forest Service, United States Department of Agriculture to compute Eastern National Forest grazing fees]

Region	3-year average		
	2014-2016	2015-2017	2016-2018
	(dollars per ton)	(dollars per ton)	(dollars per ton)
Appalachia ¹	113.80	115.10	120.10
Corn Belt ²	90.70	93.00	98.90
Florida	154.00	155.30	156.60
Lake States ³	83.70	76.20	89.00
Northeast ⁴	178.60	169.70	156.80
Southeast/Delta ⁵	102.30	101.10	99.70

¹ Kentucky, North Carolina, Tennessee, Virginia, and West Virginia.

² Illinois, Indiana, Missouri, and Ohio.

³ Michigan, Minnesota, and Wisconsin.

⁴ Maine, New Hampshire, New York, Pennsylvania, and Vermont.

⁵ Alabama, Arkansas, Georgia, Louisiana, Mississippi, and South Carolina.

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.

March Prices Paid by Farmers

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.6, is up 0.1 percent from February 2019 and 1.5 percent from March 2018.

Production: The March index, at 107.6, is unchanged from February but 1.2 percent higher than last year. Higher prices for feeder pigs, diesel, gasoline, and hay and forages offset lower prices for field crops, other services, nitrogen, and herbicides.

Feed: At 102.4, the March index increased 0.6 percent from February and 3.2 percent from March last year. The prices for hay and forages, complete feeds, concentrates, and feed grains are higher than the previous month.

Livestock and poultry: The March index, at 105.9, is up 0.9 percent from February but down 4.2 percent from last year. The March feeder pigs price, at \$185.00 per cwt, is up \$15.00 per cwt from February. The feeder cattle and poultry prices are unchanged.

Fertilizer: The index for March, at 70.1, is down 0.7 percent from February but up 5.9 percent from March last year. Since February, lower prices for nitrogen and mixed fertilizer more than offset higher prices for potash and phosphate.

Chemicals: The March index, at 102.3, is down 0.6 percent from February and 4.3 percent from March last year.

Fuels: At 71.4, the March index is up 4.4 percent from February and 13 percent from March 2018. Compared with February, prices are higher for diesel, gasoline, and LP gas.

Machinery: The index for March, at 125.0, is unchanged from February but up 6.0 percent from last March. Compared with the previous month, the prices are higher for self-propelled machinery and other machinery but lower for tractors.

Consumer Price Index: The March 2019 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 1.9 percent over the last 12 months to an index level of 254.202 (1982-1984=100). For the month, the index increased 0.6 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: March 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		
	March 2018	February 2019	March 2019	March 2018	February 2019	March 2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2949	2990	2993	109.0	110.5	110.6
Production	2213	2239	2240	106.3	107.6	107.6
Feed	1093	1122	1128	99.2	101.8	102.4
Livestock and poultry	2180	2074	2091	110.5	105.0	105.9
Seeds	3885	3885	3800	118.2	118.2	115.6
Fertilizer	797	850	844	66.2	70.6	70.1
Chemicals	960	924	918	106.9	102.9	102.3
Fuels	1775	1913	1996	63.4	68.4	71.4
Supplies and repairs	1290	1343	1346	109.3	113.9	114.1
Autos and trucks	3255	3263	3276	105.9	106.2	106.6
Machinery	7203	7636	7640	117.9	125.0	125.0
Building materials	2671	2748	2753	114.8	118.1	118.3
Services and rent	2465	2488	2482	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	113.8	115.6	115.1
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	9010	9260	9260	125.8	129.3	129.3
Family living-CPI ³	2371	2401	2415	111.0	112.4	113.0
Production, interest, taxes, and wage rates (PITW)	3064	3107	3108	108.7	110.2	110.2
Ratio (received/paid)	(NA)	(NA)	(NA)	87	81	83
Parity ratio ⁴	33	31	32	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	32	33	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1613	1658	1660	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	109.9	111.7	111.6
Livestock sector (PPITW)	(NA)	(NA)	(NA)	108.0	109.1	109.5
Farm sector (production)	(NA)	(NA)	(NA)	106.4	106.2	106.2
Non-farm sector (production)	(NA)	(NA)	(NA)	106.3	108.4	108.4

(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 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: March 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	March 2018	February 2019	March 2019
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	73.5	73.2	106.3	107.6	107.6
Feed	13.3	12.8	99.2	101.8	102.4
Feed grains	1.9	1.8	59.5	60.7	60.9
Complete feeds	6.5	6.3	105.6	106.0	106.3
Hay and forages	1.6	1.6	97.8	110.1	111.8
Concentrates	2.1	2.0	109.0	113.1	113.8
Supplements	1.2	1.1	112.7	114.3	114.3
Livestock and poultry	8.2	8.8	110.5	105.0	105.9
Feeder cattle	6.4	6.8	108.0	105.8	105.8
Feeder pigs	0.6	0.7	140.7	121.4	132.1
Milk cow replacements	0.7	0.7	107.0	80.3	80.3
Poultry	0.5	0.5	107.0	107.0	107.0
Seeds	5.3	5.4	118.2	118.2	115.6
Field crops	4.8	4.9	116.9	116.9	114.0
Grasses and legumes	0.5	0.5	131.0	131.0	131.8
Fertilizer	5.2	5.0	66.2	70.6	70.1
Mixed fertilizer	2.3	2.2	66.4	71.4	71.1
Nitrogen	2.2	2.1	67.6	71.6	70.8
Potash and phosphate	0.7	0.7	61.6	64.9	65.1
Chemicals	3.6	3.6	106.9	102.9	102.3
Herbicides	2.3	2.2	109.2	103.5	102.9
Insecticides	0.8	0.8	105.2	103.1	102.3
Fungicides and other	0.5	0.5	99.3	100.0	99.5
Fuels	2.4	2.8	63.4	68.4	71.4
Diesel	1.5	1.8	60.7	68.3	70.8
Gasoline	0.5	0.6	65.5	64.6	70.7
LP gas	0.4	0.5	70.9	73.5	74.4
Supplies and repairs	4.6	4.6	109.3	113.9	114.1
Supplies	1.6	1.5	109.9	114.3	115.0
Repairs	3.0	3.1	109.0	113.6	113.7
Autos and trucks	1.3	1.3	105.9	106.2	106.6
Autos	0.2	0.2	99.9	100.6	100.9
Trucks	1.1	1.1	106.8	107.0	107.5
Machinery	5.6	5.3	117.9	125.0	125.0
Tractors	1.2	1.2	112.1	109.9	109.3
Self-propelled	2.3	2.1	120.6	130.7	131.0
Other machinery	2.1	2.0	118.3	127.7	127.8
Building materials	4.0	4.1	114.8	118.1	118.3
Services	12.1	11.7	113.8	115.6	115.1
Custom rates	1.3	1.2	113.3	113.3	113.3
Other services	10.8	10.5	113.9	115.9	115.3
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	125.8	129.3	129.3
Family living-CPI	13.7	13.9	111.0	112.4	113.0

Feed Price Ratios – United States: March 2019 with Comparisons

Feed price ratio ¹	March 2018	February 2019	March 2019
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.6	5.1	5.3
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	22.2	8.4	7.6
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	14.2	12.1	12.9
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.99	2.07	2.14
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	36.2	35.0	35.7
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	5.2	5.8	5.9

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: March 2019 with Comparisons

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

Item	March 2018	February 2019	March 2019
	(dollars)	(dollars)	(dollars)
Broilers, live	0.590	0.490	0.510
Eggs, market	1.95	0.700	0.639
Hogs, all	50.00	43.40	46.50
Milk, all	15.70	16.80	17.50
Steers and heifers	127.00	126.00	129.00
Turkeys, live	0.499	0.528	0.532
Corn	3.51	3.60	3.61
Hay, alfalfa	165.00	180.00	184.00
Soybeans	9.81	8.52	8.52
Wheat, all	5.10	5.33	5.19

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

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

Item	March 2018	February 2019	March 2019
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves	148.00	145.00	145.00
Feeder pigs	197.00	170.00	185.00

Reliability of Prices Paid Estimates

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

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

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

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

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

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

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

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

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

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

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

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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