



Agricultural Prices

ISSN: 1937-4216

Released February 28, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Special Note

State level monthly price estimates have been discontinued for grapefruit, lemons, and oranges. United States level price estimates for these crops will continue to be published monthly in the *Agricultural Prices* report.

January Prices Received Index Down 2.2 Percent

The January Prices Received Index 2011 Base (Agricultural Production), at 88.7, decreased 2.2 percent from December but increased 2.5 percent from January 2019. At 82.3, the Crop Production Index was down 3.5 percent from last month but up 4.6 percent from the previous year. The Livestock Production Index, at 98.2, increased 1.0 percent from December and 0.4 percent from January last year. Producers received lower prices during January for market eggs, milk, lemons, and oranges but higher prices for lettuce, broilers, cattle, and broccoli. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In January, there was increased monthly movement for corn, soybeans, strawberries, and pistachios and decreased marketing of milk, lettuce, cattle, and hogs.

January Prices Paid Index Up 0.2 Percent

The January Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.3, is up 0.2 percent from December 2019 but down 0.1 percent from January 2019. Higher prices in January for feeder cattle, feeder pigs, interest, and rent more than lower prices for nitrogen, LP gas, herbicides, and mixed fertilizer.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: January 2020 with Comparisons

Index Group	January 2019	December 2019	January 2020
	(percent)	(percent)	(percent)
Prices received by farmers	86.5	90.7	88.7
Prices paid by farmers	110.4	110.1	110.3
Ratio of prices received to prices paid	78	83	81

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January Prices Received by Farmers

Crop production: The January index, at 82.3, is 3.5 percent lower than December but 4.6 percent higher than January 2019. The fruit & tree nut, other crop, and greenhouse & nursery index decreases more than offset the vegetable & melon and grain & oilseed index increases.

Grain and oilseed: The January index, at 67.2, is up 2.0 percent from December and 3.1 percent from January 2019. The food grain, oilseed, and feed grain indexes all increased.

Feed grain: The January index, at 63.1, increased 2.3 percent from last month and 6.2 percent from a year ago. The corn price, at \$3.79 per bushel, is up 8 cents from last month and up 23 cents from January 2019.

Food grain: At 75.9, the index for January increased 4.3 percent from the previous month but decreased 3.6 percent from a year ago. The January price for all wheat, at \$4.87 per bushel, is 23 cents higher than December but 41 cents lower than January 2019. The January price for rice, at \$13.10 per cwt, is 60 cents higher than December but 40 cents lower than January 2019.

Oilseed: At 70.8, the index for January increased 1.7 percent from December and 2.0 percent from January 2019. The soybean price, at \$8.84 per bushel, is 14 cents higher than December and 20 cents higher than January a year earlier.

Fruit and tree nut: The January index, at 117.8, is down 2.3 percent from December and 3.3 percent from a year earlier. Price decreases during January for lemons, oranges, and grapefruit more than offset price increases for pears.

Vegetable and melon: At 184.9, the index for January increased 39.9 percent from the previous month and 58.8 percent from January 2019. Price increases during January for lettuce, broccoli, carrots, and cauliflower more than offset price declines for snap beans.

Other crop: The January index, at 80.0, is down 3.0 percent from the previous month and down 5.8 percent from January 2019. The all hay price, at \$155.00 per ton, is \$3.00 lower than December and \$12.00 lower than January 2019. At 59.7 cents per pound, the price for upland cotton is 1.8 cents lower than December and 5.7 cents lower than January 2019.

Livestock production: The index for January, at 98.2, increased 1.0 percent from the previous month and 0.4 percent from January a year earlier. Compared with a year ago, prices are higher for milk, hogs, turkeys, and cattle. Prices for broilers, market eggs, and calves are lower than a year earlier.

Meat animal: At 98.5, the January index increased 4.0 percent from the previous month and 1.9 percent from a year earlier. At \$47.80 per cwt, the January hog price is 50 cents higher than December and \$3.20 higher than a year earlier. The January beef cattle price of \$122.00 per cwt is \$4.00 higher than the previous month and \$1.00 higher than January 2019.

Dairy: The index for January, at 97.5, is down 5.3 percent from the previous month but up 18.0 percent from January a year ago. The January all milk price of \$19.60 per cwt is \$1.10 lower than December but \$3.00 higher than January 2019.

Poultry and egg: At 98.1, the January index increased 1.2 percent from December but decreased 12.8 percent from January 2019. The January market egg price, at 45.3 cents per dozen, is 26.2 cents lower than December and 34.4 cents lower than January 2019. The January broiler price, at 49.0 cents per pound, is 4.0 cents higher than December but 7.0 cents lower than a year ago. At 62.5 cents per pound, the January turkey price is 0.1 cents higher than the previous month and 11.6 cents higher than January 2019.

Food Commodities: The index, at 96.1, decreased 0.2 percent from the previous month but increased 3.3 percent from January 2019.

Prices Received Indexes, 2011 Base – United States: January 2020 with Comparisons

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

Index Group	2011 Base		
	January 2019	December 2019	January 2020
	(percent)	(percent)	(percent)
Agricultural production	86.5	90.7	88.7
Crop production	78.7	85.3	82.3
Grain and oilseed	65.2	65.9	67.2
Feed grain	59.4	61.7	63.1
Food grain	78.7	72.8	75.9
Oilseed	69.4	69.6	70.8
Fruit and tree nut	121.8	120.6	117.8
Vegetable and melon	116.4	132.2	184.9
Other crop	84.9	82.5	80.0
Livestock production	97.8	97.2	98.2
Meat animal	96.7	94.7	98.5
Cattle	106.2	103.3	107.0
Hog	67.1	71.1	71.9
Dairy	82.6	103.0	97.5
Poultry and egg	112.5	96.9	98.1
Food commodity	93.0	96.3	96.1

Prices Received Indexes, 1910-1914 Base – United States: January 2020 with Comparisons

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

Index Group	1910 - 1914 Base		
	January 2019	December 2019	January 2020
	(percent)	(percent)	(percent)
Agricultural production	892	936	915
Crop production	686	744	718
Livestock production	1136	1128	1140

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	86.5	88.7	78.7	82.3	97.8	98.2	93.0	96.1
February	90.3		85.1		95.2		94.3	
March	93.2		87.7		98.0		97.9	
April	93.7		85.8		100.5		97.7	
May	92.7		85.0		99.2		96.2	
June	93.8		89.9		97.4		96.7	
July	91.4		89.3		93.7		93.5	
August	91.8		89.8		93.8		94.5	
September	88.1		88.9		87.4		90.1	
October	85.9		83.1		90.4		89.2	
November	90.3		85.1		97.1		97.4	
December	90.7		85.3		97.2		96.3	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020

[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	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	110.4	110.3	107.4	106.3	111.6	110.7	109.2	109.8
February	110.6		107.5		111.8		109.3	
March	110.7		107.5		111.6		109.7	
April	111.2		108.3		111.6		110.8	
May	110.7		107.5		111.5		109.7	
June	110.1		106.8		111.5		108.7	
July	110.3		106.8		111.7		108.8	
August	109.4		105.6		110.9		107.8	
September	109.0		105.1		110.4		107.6	
October	109.7		105.8		110.8		108.5	
November	109.9		106.2		110.9		108.9	
December	110.1		106.4		111.0		109.1	

Prices Received for Field Crops and Fruits – United States: January 2020 with Comparisons

Commodity	2011 Base Price	January 2019	December 2019	January 2020	
Field crops					
Barley, all	dollars/bushel	4.79	4.57	4.51	4.68
Feed	dollars/bushel	4.59	3.11	3.32	3.27
Malting	dollars/bushel	4.83	4.71	4.82	4.83
Beans, dry edible	dollars/cwt	34.60	24.80	32.00	35.20
Canola	dollars/cwt	23.10	16.70	14.40	16.00
Chickpeas, all	dollars/cwt	35.70	19.50	14.80	18.00
Large	dollars/cwt	39.20	19.40	17.40	18.70
Small	dollars/cwt	23.40	19.60	13.10	17.00
Corn	dollars/bushel	6.02	3.56	3.71	3.79
Cotton, Upland	dollars/pound	0.880	0.654	0.615	0.597
Cottonseed	dollars/ton	131.00	170.00	164.00	183.00
Flaxseed	dollars/bushel	14.20	9.85	8.91	8.99
Hay, all, baled	dollars/ton	159.00	167.00	158.00	155.00
Alfalfa	dollars/ton	176.00	179.00	175.00	171.00
Other	dollars/ton	119.00	150.00	133.00	134.00
Lentils	dollars/cwt	27.50	16.20	14.80	19.40
Oats	dollars/bushel	3.42	2.67	3.19	2.93
Peanuts, in-shell	dollars/pound	0.252	0.227	0.196	0.209
Peas, dry edible	dollars/cwt	13.60	11.10	10.10	9.77
Rice, all	dollars/cwt	13.70	13.50	12.50	13.10
Long	dollars/cwt	12.30	10.90	11.70	12.00
Medium and short	dollars/cwt	18.40	19.40	15.70	16.30
Sorghum grain	dollars/cwt	10.70	5.71	5.64	5.75
Soybeans	dollars/bushel	12.50	8.64	8.70	8.84
Sunflowers, all	dollars/cwt	29.00	17.30	17.60	19.30
Wheat, all	dollars/bushel	7.44	5.28	4.64	4.87
Winter	dollars/bushel	6.93	5.25	4.57	4.86
Durum	dollars/bushel	9.22	4.86	4.44	4.69
Other spring	dollars/bushel	8.33	5.37	4.79	4.91
Hard red winter	dollars/bushel	7.07	5.04	4.23	4.52
Soft red winter	dollars/bushel	6.77	5.27	5.43	5.55
Hard red spring	dollars/bushel	8.38	5.36	4.76	4.88
White	dollars/bushel	6.58	5.53	5.40	5.51
Fruits					
Citrus, equivalent on-tree					
Grapefruit	dollars/box	7.47	15.99	12.81	10.23
Lemons	dollars/box	12.30	22.58	22.43	16.14
Oranges	dollars/box	8.16	10.10	10.20	9.40
Non-citrus, fresh					
Apples	dollars/pound	0.325	0.397	0.336	0.313
Grapes	dollars/ton	628.00	(S)	2,090.00	(S)
Peaches	dollars/ton	507.00	(S)	(S)	(S)
Pears	dollars/ton	559.00	574.00	721.00	733.00
Strawberries	dollars/cwt	104.00	222.00	(S)	229.00

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

Prices Received for Vegetables and Livestock – United States: January 2020 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	January 2019	December 2019	January 2020
Vegetables, fresh ¹				
Asparagus	dollars/cwt	37.50	(S)	(S)
Beans, snap	dollars/cwt	69.00	57.90	89.30
Broccoli	dollars/cwt	41.60	56.20	38.10
Cantaloupes	dollars/cwt	16.50	(S)	(S)
Carrots	dollars/cwt	30.80	26.50	29.90
Cauliflower	dollars/cwt	47.00	79.00	41.90
Celery	dollars/cwt	22.50	52.10	27.40
Corn, sweet	dollars/cwt	30.70	35.70	30.50
Cucumbers	dollars/cwt	18.70	37.40	41.50
Lettuce	dollars/cwt	24.30	33.80	49.00
Onions ²	dollars/cwt	11.90	14.20	11.20
Potatoes	dollars/cwt	14.30	9.88	13.90
Tomatoes	dollars/cwt	51.20	53.30	112.00
Livestock				
Calves	dollars/cwt	142.00	169.00	159.00
Cattle, all beef	dollars/cwt	115.00	121.00	118.00
Cows ³	dollars/cwt	71.60	54.20	59.30
Steers and heifers	dollars/cwt	117.00	124.00	120.00
Milk cows ⁴	dollars/head	1,420.00	1,140.00	(NA)
Hogs, all	dollars/cwt	66.50	44.60	47.30
Barrows and gilts	dollars/cwt	66.80	45.00	47.70
Sows	dollars/cwt	57.90	32.30	33.40
Dairy and poultry				
Milk, all ⁵	dollars/cwt	20.10	16.60	20.70
Fat test	percent	3.71	4.02	4.05
Broilers, live ⁶	dollars/pound	0.459	0.560	0.450
Eggs, all ⁷	dollars/dozen	0.969	1.01	0.931
Market ^{7 8}	dollars/dozen	0.796	0.797	0.715
Turkeys, live ⁹	dollars/pound	0.680	0.509	0.624
Adjusted for seasonal variation				
Eggs, all	dollars/dozen	0.979	0.939	0.743
Seasonal factor	percent	101	108	125
Milk, all	dollars/cwt	20.20	17.00	20.00
Seasonal factor	percent	100	98	103

(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: 2020 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
	(dollars per bushel)								
January	4.65	5.28	4.87	3.29	3.56	3.79	9.30	8.64	8.84
February	4.92	5.33		3.38	3.60		9.50	8.52	
March	5.10	5.19		3.51	3.61		9.81	8.52	
April	5.28	4.93		3.58	3.53		9.85	8.28	
May	5.39	4.78		3.68	3.63		9.84	8.02	
June	5.19	4.81		3.58	3.98		9.55	8.31	
July	5.00	4.52		3.47	4.16		9.08	8.38	
August	5.31	4.35		3.36	3.93		8.59	8.22	
September	5.15	4.26		3.40	3.80		8.78	8.35	
October	5.22	4.45		3.42	3.84		8.59	8.60	
November	5.23	4.39		3.41	3.68		8.36	8.59	
December	5.28	4.64		3.54	3.71		8.56	8.70	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2020 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		
	2018	2019	2020	2018	2019	2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	120.00	121.00	122.00	52.50	44.60	47.80
February	125.00	123.00		54.60	43.40	
March	125.00	126.00		50.00	46.50	
April	119.00	125.00		45.30	59.40	
May	120.00	120.00		51.50	62.30	
June	112.00	114.00		59.10	59.50	
July	110.00	112.00		58.60	56.60	
August	110.00	111.00		44.30	58.50	
September	108.00	103.00		43.20	47.70	
October	110.00	107.00		50.30	49.10	
November	113.00	113.00		46.20	48.00	
December	117.00	118.00		43.40	47.30	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(S)	(D)
California	(D)	(D)	(D)
Colorado	4.77	3.98	4.21
Idaho	5.06	5.02	5.16
Illinois	5.20	5.63	5.69
Indiana	5.46	5.26	5.48
Kansas	4.90	4.07	4.34
Michigan	5.33	5.24	5.58
Minnesota	5.57	4.62	4.89
Missouri	5.24	5.42	5.39
Montana	5.33	4.75	4.90
Nebraska	4.74	3.92	4.13
North Carolina	5.41	5.52	5.94
North Dakota	5.16	4.50	4.67
Ohio	5.17	5.53	5.46
Oklahoma	4.86	4.27	4.59
Oregon	5.88	5.83	6.00
South Dakota	5.27	4.72	4.66
Texas	5.51	4.52	5.02
Washington	5.61	5.51	5.63
United States	5.28	4.64	4.87

(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: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(S)	(D)
California	(D)	(D)	(D)
Colorado	4.77	3.98	4.21
Idaho	5.09	4.96	5.14
Illinois	5.20	5.63	5.69
Indiana	5.46	5.26	5.48
Kansas	4.90	4.07	4.34
Michigan	5.33	5.24	5.58
Minnesota ¹	(D)	(NA)	(NA)
Missouri	5.24	5.42	5.39
Montana	5.14	4.54	4.77
Nebraska	4.74	3.92	4.13
North Carolina	5.41	5.52	5.94
North Dakota	4.37	3.09	(D)
Ohio	5.17	5.53	5.46
Oklahoma	4.86	4.27	4.59
Oregon	5.87	5.83	6.00
South Dakota	5.17	4.51	4.48
Texas	5.51	4.52	5.02
Washington	5.58	5.41	5.59
United States	5.25	4.57	4.86

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

(NA) Not available.

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

¹ Monthly estimates discontinued in September 2019.

Prices Received for Durum Wheat – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(S)	(S)	(S)
Idaho	(D)	(S)	(D)
Montana	5.27	(D)	(D)
North Dakota	4.78	4.06	4.49
United States	4.86	4.44	4.69

(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: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado ¹	(D)	(NA)	(NA)
Idaho	5.00	5.15	5.19
Minnesota	5.57	4.62	4.89
Montana	5.69	5.01	5.05
North Dakota	5.22	4.58	4.74
Oregon ¹	5.94	(NA)	(NA)
South Dakota	5.40	4.84	4.93
Washington	5.79	6.01	5.87
United States	5.37	4.79	4.91

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

(NA) Not available.

¹ Monthly estimates discontinued in September 2019.

Prices Received for Oats – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(S)	(D)
Iowa	3.82	3.70	4.17
Michigan	3.85	(S)	4.24
Minnesota	(D)	2.44	2.61
Montana	(S)	(S)	(D)
Nebraska	(D)	(D)	3.35
New York	(S)	(D)	(D)
North Dakota	2.44	2.60	2.88
Oregon	(S)	(S)	(D)
Pennsylvania	4.34	4.68	(D)
South Dakota	2.71	2.72	2.81
Texas	(S)	(S)	(S)
Wisconsin	3.24	2.87	2.97
United States	2.67	3.19	2.93

(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: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(D)
Colorado	4.66	(D)	(D)
Idaho	5.00	5.05	5.09
Minnesota	(D)	(D)	4.30
Montana	4.48	4.26	4.54
North Dakota	4.18	4.20	4.26
Washington	3.05	4.99	5.02
Wyoming	(D)	(D)	(D)
United States	4.57	4.51	4.68

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

Prices Received for Malting Barley – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(D)
Colorado	4.66	4.81	(D)
Idaho	5.07	5.16	(D)
Minnesota	(D)	(D)	(D)
Montana	4.52	4.44	4.70
North Dakota	4.34	4.66	4.48
Washington	(D)	(D)	(D)
Wyoming	(D)	(D)	(D)
United States	4.71	4.82	4.83

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

Prices Received for Feed Barley – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(S)	(D)	(S)
Idaho	3.34	3.39	3.98
Minnesota	(S)	(S)	(D)
Montana	3.00	2.89	2.86
North Dakota	3.13	3.49	3.27
Washington	2.98	2.98	2.92
Wyoming	(S)	(D)	(D)
United States	3.11	3.32	3.27

(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: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas ¹	(S)	(NA)	(NA)
Kansas	5.64	5.52	5.63
Louisiana ¹	(D)	(NA)	(NA)
Missouri ¹	6.72	(NA)	(NA)
Nebraska	5.35	5.58	5.63
Oklahoma	5.95	5.93	6.09
Texas	6.05	6.47	6.31
United States	5.71	5.64	5.75

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

(NA) Not available.

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

¹ Monthly estimates discontinued in September 2019.

Prices Received for Corn – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	3.59	3.79	3.89
Illinois	3.58	3.73	3.76
Indiana	3.76	4.01	4.08
Iowa	3.52	3.70	3.78
Kansas	3.61	3.57	3.67
Kentucky	3.85	4.07	4.11
Michigan	3.62	3.86	3.93
Minnesota	3.36	3.51	3.59
Missouri	3.69	3.86	3.90
Nebraska	3.52	3.68	3.70
North Carolina	4.56	4.63	4.73
North Dakota	3.20	3.28	3.21
Ohio	3.69	4.13	4.15
Pennsylvania	4.21	4.31	4.31
South Dakota	3.31	3.56	3.56
Tennessee	3.81	4.11	3.76
Texas	4.24	4.26	4.28
Wisconsin	3.42	3.56	3.66
United States	3.56	3.71	3.79

Prices Received for Soybeans – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	8.96	8.90	8.95
Illinois	8.87	9.09	9.00
Indiana	8.94	9.18	9.20
Iowa	8.60	8.69	8.73
Kansas	8.10	8.30	8.55
Kentucky	9.06	9.11	9.22
Louisiana	8.60	8.89	9.00
Michigan	8.62	8.95	9.03
Minnesota	8.58	8.45	8.44
Mississippi	8.68	8.93	9.05
Missouri	8.75	8.88	8.93
Nebraska	8.33	8.35	8.53
North Carolina	9.03	8.79	8.95
North Dakota	8.05	7.97	8.05
Ohio	9.03	9.35	9.39
South Dakota	8.07	8.43	8.51
Tennessee	8.99	9.06	9.13
Wisconsin	8.48	8.48	8.63
United States	8.64	8.70	8.84

Prices Received for Dry Beans – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	86.00	(D)	59.80
Colorado	24.00	41.20	(D)
Idaho	25.00	(D)	(D)
Michigan	30.30	(D)	35.10
Minnesota	(D)	(D)	37.00
Nebraska	(D)	(D)	(D)
North Dakota	22.40	31.50	32.70
United States	24.80	32.00	35.20

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

Prices Received for Peanuts (in shell) – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.203	0.153	0.192
Arkansas	0.076	0.081	(S)
Florida	0.209	0.199	0.172
Georgia	0.210	0.192	0.190
Mississippi	0.045	0.064	0.064
New Mexico	0.537	(S)	(S)
North Carolina	0.219	0.239	0.245
Oklahoma	0.223	0.260	0.241
South Carolina	0.216	0.150	0.213
Texas	0.321	0.254	0.250
Virginia	0.225	(S)	0.216
United States	0.227	0.196	0.209

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

Prices Received for Sunflower – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	19.40
Minnesota	18.70	18.80	19.80
North Dakota	17.60	18.30	19.10
South Dakota	16.60	16.80	19.30
United States	17.30	17.60	19.30

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

Prices Received for Canola – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	13.50	14.10	(D)
North Dakota	16.70	14.40	16.00
Oklahoma	(S)	(S)	(S)
United States	16.70	14.40	16.00

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

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

Prices Received for Flaxseed – States and United States: January 2020 with Comparisons

State	January 2019	December 2019	January 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.85	8.91	8.99
United States	9.85	8.91	8.99

Prices Received for Upland Cotton and Cottonseed – States and United States: January 2020 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	January 2019	December 2019	January 2020	January 2019	December 2019	January 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.667	0.611	0.555	125.00	115.00	132.00
Arizona	(D)	(D)	(S)	229.00	263.00	270.00
Arkansas	0.724	0.613	0.620	140.00	180.00	(S)
California	(D)	(S)	(S)	(D)	295.00	(D)
Georgia	0.719	0.643	0.629	117.00	115.00	117.00
Louisiana	0.731	0.706	0.635	180.00	180.00	180.00
Mississippi	0.701	0.610	0.596	165.00	160.00	(S)
North Carolina	0.724	0.632	0.639	128.00	138.00	126.00
Tennessee	0.521	0.627	0.586	(D)	(D)	(S)
Texas	0.636	0.601	0.586	167.00	172.00	165.00
United States	0.654	0.615	0.597	170.00	164.00	183.00

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

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

Prices Received and Marketings for Upland Cotton and Rice – United States: January 2020 with Comparisons

Item	January 2019	December 2019	January 2020
Cotton, Upland			
Average price dollars/pound	0.654	0.615	0.597
Marketings ¹ 1,000 bales	2,409	2,251	3,142
Rice, all			
Average price dollars/cwt	13.50	12.50	13.10
Marketings ² 1,000 cwt	20,261	17,971	19,803
Rice, long			
Average price dollars/cwt	10.90	11.70	12.00
Marketings ² 1,000 cwt	14,015	14,335	14,792
Rice, medium and short			
California			
Average price dollars/cwt	21.50	17.40	17.60
Other States ³			
Average price dollars/cwt	12.30	11.70	11.60
United States			
Average price dollars/cwt	19.40	15.70	16.30
Marketings ² 1,000 cwt	6,246	3,636	5,011

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: January 2020 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	January 2019	December 2019	January 2020	January 2019	December 2019	January 2020	January 2019	December 2019	January 2020
	(dollars per ton)								
Arizona	200.00	190.00	195.00	200.00	190.00	195.00	200.00	200.00	200.00
California	204.00	189.00	191.00	220.00	200.00	205.00	165.00	150.00	155.00
Colorado	240.00	229.00	225.00	240.00	230.00	225.00	240.00	220.00	225.00
Idaho	166.00	154.00	153.00	165.00	155.00	155.00	170.00	140.00	140.00
Illinois	160.00	168.00	165.00	170.00	185.00	180.00	130.00	130.00	125.00
Iowa	130.00	136.00	121.00	135.00	149.00	130.00	120.00	117.00	106.00
Kansas	153.00	124.00	128.00	171.00	138.00	141.00	95.00	99.00	99.00
Kentucky	164.00	143.00	143.00	220.00	205.00	205.00	150.00	125.00	125.00
Michigan	166.00	168.00	173.00	175.00	190.00	190.00	145.00	130.00	140.00
Minnesota	154.00	152.00	145.00	167.00	170.00	163.00	116.00	119.00	113.00
Missouri	123.00	123.00	118.00	155.00	155.00	150.00	115.00	115.00	110.00
Montana	143.00	145.00	141.00	145.00	145.00	140.00	135.00	145.00	145.00
Nebraska	109.00	108.00	98.00	116.00	114.00	103.00	90.00	94.00	86.00
Nevada	180.00	180.00	180.00	180.00	180.00	180.00	180.00	170.00	175.00
New Mexico	247.00	215.00	215.00	260.00	220.00	220.00	165.00	190.00	190.00
New York	168.00	177.00	174.00	200.00	200.00	200.00	167.00	165.00	165.00
North Dakota	90.00	84.00	86.00	95.00	87.00	91.00	68.00	66.00	62.00
Ohio	149.00	179.00	186.00	185.00	220.00	220.00	130.00	150.00	160.00
Oklahoma	105.00	92.00	96.00	198.00	165.00	153.00	94.00	87.00	89.00
Oregon	189.00	200.00	193.00	195.00	200.00	200.00	180.00	200.00	180.00
Pennsylvania	220.00	194.00	191.00	241.00	228.00	228.00	215.00	182.00	180.00
South Dakota	110.00	106.00	105.00	115.00	114.00	112.00	97.00	92.00	94.00
Texas	138.00	137.00	135.00	214.00	202.00	197.00	126.00	128.00	128.00
Utah	184.00	190.00	185.00	185.00	190.00	185.00	140.00	150.00	140.00
Washington	185.00	188.00	183.00	185.00	195.00	195.00	185.00	175.00	160.00
Wisconsin	181.00	229.00	183.00	187.00	242.00	191.00	158.00	182.00	144.00
Wyoming	171.00	171.00	173.00	175.00	180.00	180.00	145.00	150.00	150.00
United States	167.00	158.00	155.00	179.00	175.00	171.00	150.00	133.00	134.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: January 2020

State	January 2019	December 2019	January 2020
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	245.00	230.00	225.00
Idaho	180.00	165.00	175.00
Michigan	180.00	200.00	210.00
Minnesota	198.00	251.00	253.00
New York	240.00	235.00	246.00
Pennsylvania	309.00	280.00	289.00
Texas	250.00	225.00	222.00
Wisconsin	227.00	275.00	267.00
5-State Total ^{1 2}	221.00	200.00	210.00

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 December 2019, includes California, Idaho, New York, Texas, and Wisconsin. For January 2020, includes California, Idaho, New York, Texas, and Wisconsin.

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

Commodity	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	34.40	19.12	24.36	14.45	15.99	21.63	10.96
Lemons	44.90	28.96	34.63	(D)	22.58	27.98	(D)
Oranges	29.10	13.21	18.87	11.32	10.10	16.01	8.13

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

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

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)	19.92	(D)	(D)	17.23	(D)	(D)
Florida, all	32.10	15.96	21.44	8.10	12.88	18.64	4.62
White	31.10	13.80	20.45	9.60	10.72	17.65	6.35
Red	32.20	16.35	21.55	7.65	13.27	18.75	4.10
Texas	34.50	12.92	22.90	(D)	11.38	21.29	(D)
United States	32.60	15.17	22.20	4.52	12.81	19.91	2.06
Lemons							
Arizona	(D)	(D)	(D)	(D)	(D)	(D)	(D)
California	45.80	29.64	35.37	(D)	23.12	28.59	(D)
United States	45.80	28.91	35.42	(D)	22.43	28.64	(D)
Oranges							
California, all	31.00	17.37	20.68	(D)	14.46	17.80	(D)
Navel and miscellaneous	31.00	17.37	20.68	(D)	14.46	17.80	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Florida, all	25.70	11.72	14.35	11.60	8.51	10.95	8.40
Early and mids	25.70	11.72	14.35	11.60	8.51	10.95	8.40
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Texas, all	24.90	10.17	13.30	(D)	8.39	11.47	(D)
Early and mids	24.90	10.17	13.30	(D)	8.39	11.47	(D)
Valencia	(S)	(S)	(S)	(S)	(S)	(S)	(S)
United States	30.10	13.30	19.63	10.77	10.20	16.75	7.59

(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 – United States: January 2020

Commodity	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	31.20	12.46	20.43	5.20	10.23	18.35	2.84
Lemons	42.80	22.42	32.35	(D)	16.14	25.57	(D)
Oranges	27.80	12.48	17.34	10.76	9.40	14.51	7.59

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

Prices Received for All Milk – States and United States: January 2020 with Comparisons

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

State	January 2019		December 2019		January 2020	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	16.30	3.80	19.70	3.91	18.80	3.88
California	16.25	4.03	19.80	3.98	19.40	3.97
Colorado	17.10	3.87	20.60	3.96	20.00	3.92
Florida	20.30	3.66	23.80	3.74	23.80	3.69
Georgia	18.20	3.72	21.90	3.83	21.60	3.80
Idaho	15.70	4.09	20.30	4.18	18.60	4.16
Illinois	16.50	4.03	21.20	4.07	19.70	4.02
Indiana	16.70	4.00	20.40	4.05	19.50	3.99
Iowa	16.30	4.05	22.50	4.10	20.50	4.11
Kansas	15.70	4.02	19.60	4.12	18.60	4.10
Michigan	15.70	3.89	19.40	3.95	18.40	3.90
Minnesota	16.50	4.13	22.00	4.17	20.30	4.21
New Mexico	15.00	3.84	19.80	4.00	18.00	3.94
New York	17.50	3.99	20.50	4.02	19.80	3.99
Ohio	17.30	3.99	21.00	4.06	20.10	4.03
Oregon	18.70	4.20	23.60	4.19	21.50	4.24
Pennsylvania	17.70	3.94	20.90	4.03	20.20	3.99
South Dakota	17.30	4.33	22.60	4.39	20.70	4.38
Texas	17.00	4.30	21.30	4.36	19.90	4.32
Utah	16.30	4.02	21.30	4.13	19.20	4.11
Vermont	17.90	4.04	20.80	4.01	20.30	3.99
Virginia	18.40	3.89	21.60	4.00	21.30	3.94
Washington	17.40	4.20	20.50	4.19	19.80	4.24
Wisconsin	16.20	3.99	21.30	3.98	19.40	3.96
United States	16.60	4.02	20.70	4.05	19.60	4.03

Prices Received for Milk Cows – States and United States: January 2020 with Comparisons

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

State	January 2019	October 2019	January 2020
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,250	1,450	1,450
California	1,100	1,400	1,400
Colorado	1,200	1,300	1,300
Florida	1,200	1,280	1,350
Georgia	1,150	1,300	1,310
Idaho	1,250	1,350	1,350
Illinois	1,120	1,200	1,260
Indiana	1,050	1,250	1,220
Iowa	1,080	1,280	1,200
Kansas	1,300	1,300	1,400
Michigan	1,180	1,320	1,260
Minnesota	1,050	1,160	1,140
New Mexico	1,250	1,400	1,400
New York	1,040	1,260	1,190
Ohio	1,000	1,120	1,200
Oregon	1,350	1,350	1,300
Pennsylvania	1,050	1,190	1,210
South Dakota	1,120	1,250	1,280
Texas	1,300	1,350	1,400
Utah	1,100	1,250	1,250
Vermont	1,100	1,300	1,290
Virginia	970	1,120	1,160
Washington	1,200	1,350	1,250
Wisconsin	1,120	1,270	1,260
United States	1,140	1,310	1,300

Parity Price Overview

Parity prices, based on data from January 2020, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. Parity prices are computed under the provisions of Title III, Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

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

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2020, the 10-average includes the years 2010-2019). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

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

Commodity Parity Prices and Price as Percent of Parity Price – United States: January 2020 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		
		January 2019	December 2019	January 2020	January 2019	December 2019	January 2020
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheatbushel	0.558	16.90	17.10	16.70	31	27	29
Ricecwt	1.29	39.60	40.10	38.50	34	31	34
Cornbushel	0.433	13.00	13.10	12.90	27	28	29
Cotton							
Uplandpound	0.070	2.04	2.06	2.09	32	30	29
American Pimapound	0.140	4.02	4.19	4.18	29	27	28
Peanutspound	0.023	0.680	0.688	0.686	33	28	30
Small chickpeas ¹cwt	2.40	71.60	72.40	71.60	27	18	24
Large chickpeas ¹cwt	3.12	96.40	97.50	93.10	20	18	20
Lentils ¹cwt	2.39	75.70	76.30	71.30	21	19	27
Designated non-basic							
All milk, to plants ²cwt	1.80	52.10	52.60	53.70	33	38	37
Honey, extracted ³pound	0.191	5.50	5.56	5.70	39	39	38
Wool and mohair							
Woolpound	0.149	4.14	4.19	4.45	42	42	42
Mohairpound	0.457	12.60	12.70	13.60	42	41	47
Other non-basic							
Apples, fresh ⁴pound	0.036	1.040	1.050	1.070	38	32	29
Barleybushel	0.495	14.90	15.00	14.80	31	30	32
Canolacwt	1.87	55.60	55.90	55.80	30	26	29
Cottonseedton	19.50	598.00	583.00	582.00	28	28	31
Dry edible beanscwt	3.11	94.70	95.40	92.80	26	34	38
Flaxseedbushel	1.09	32.20	32.60	32.50	31	27	28
Oatsbushel	0.290	8.52	8.61	8.65	31	37	34
Potatoes, freshcwt	1.07	32.80	32.00	31.90	30	43	45
Sorghum graincwt	0.736	21.90	22.20	22.00	26	25	26
Soybeansbushel	1.06	32.20	32.60	31.60	27	27	28
Sunflower, allcwt	2.07	62.10	62.80	61.80	28	28	31
Citrus (equivalent on-tree)							
Grapefruitbox	0.837	21.80	25.00	25.00	73	51	41
Lemonsbox	1.87	55.30	55.90	55.80	41	40	29
Orangesbox	1.010	26.90	30.20	30.10	38	34	31
Livestock and poultry							
Beef cattlecwt	11.90	346.00	350.00	355.00	35	34	34
Broilerspound	0.052	1.54	1.56	1.55	36	29	32
Calvescwt	17.30	503.00	508.00	516.00	34	31	33
Eggs ²dozen	0.101	3.02	3.05	3.01	31	24	22
Hogscwt	5.72	168.00	170.00	171.00	27	28	28
Turkeys, livepound	0.066	1.950	1.970	1.970	26	32	32

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: January 2020 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			
		January 2019	December 2019	January 2020	
	(dollars)	(dollars)	(dollars)	(dollars)	
Field crops and miscellaneous					
Hops	pound	0.422	12.00	12.10	12.60
Mustard seed	cwt	3.15	97.60	94.20	94.00
Rapeseed	cwt	2.64	80.20	79.00	78.80
Rye	bushel	0.628	18.50	18.80	18.70
Safflower	cwt	2.19	66.30	65.50	65.30
Spearmint oil	pound	1.75	51.20	52.30	52.20
Sweet potatoes	cwt	2.01	61.20	61.60	60.00
Tobacco					
Flue-cured, 11-14	pound	0.187	5.47	5.59	5.58
Fire-cured, 21-23	pound	0.257	7.51	7.69	7.67
Burley, 31	pound	0.184	5.35	5.50	5.49
Maryland, 32	pound	0.173	5.06	5.17	5.16
Dark air-cured, 35-37	pound	0.229	6.74	6.85	6.83
Pennsylvania seedleaf, 41	pound	0.201	5.80	6.01	6.00
Non-citrus fruit					
Apples, processing ^{1 2}	ton	20.30	598.00	607.00	606.00
Apricots					
Fresh ³	ton	128.00	3,580.00	3,830.00	3,820.00
Dried (California)	ton	313.00	9,260.00	9,360.00	9,340.00
Avocados ^{2 3}	ton	198.00	5,920.00	5,920.00	5,910.00
Cherries					
Sweet	ton	210.00	6,360.00	6,280.00	6,270.00
Tart ²	pound	0.030	0.947	0.897	0.895
Cranberry ^{2 4}	barrel	3.55	114.00	106.00	106.00
Dates (California) ³	ton	184.00	4,700.00	5,500.00	5,490.00
Grapes (California)					
Raisin variety ⁵	ton	147.00	4,350.00	4,400.00	4,390.00
Wine, processing	ton	75.90	2,130.00	2,270.00	2,260.00
Kiwifruit ²	ton	105.00	3,110.00	3,140.00	3,130.00
Nectarines, fresh (California) ³	ton	78.50	2,160.00	2,350.00	2,340.00
Olives, canning (California) ⁴	ton	111.00	3,140.00	3,320.00	3,310.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: January 2020 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		
		January 2019	December 2019	January 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii)pound	0.045	1.24	1.35	1.34
Peaches				
Fresh ^{4 6} ton	103.00	2,880.00	3,080.00	3,070.00
Dried (California) ^{1 5} ton	43.30	1,280.00	1,300.00	1,290.00
Processing, excludes dried				
Clingstone (California) ⁴ ton	39.20	1,120.00	1,170.00	1,170.00
Pears, Fresh ⁶ ton	63.90	1,880.00	1,910.00	1,910.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	74.50	2,030.00	2,230.00	2,220.00
Prunes, dried (California) ^{1 2 5} ton	178.00	5,060.00	5,320.00	5,310.00
Strawberries				
Fresh ¹⁰pound	9.82	285.00	294.00	293.00
Processingpound	3.74	107.00	112.00	112.00
Sugar crops				
Sugar beets ^{2 8} ton	4.91	151.00	153.00	147.00
Sugarcane ^{2 8} ton	3.50	104.00	105.00	104.00
Tree nuts ⁹				
Almondspound	0.253	7.16	7.57	7.55
Hazelnuts ton	237.00	6,980.00	7,090.00	7,070.00
Pistachiospound	0.244	7.04	7.30	7.28
Walnuts ton	236.00	7,010.00	7,060.00	7,040.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.82	82.50	84.30	84.10
Cauliflower ¹¹ cwt	4.66	136.00	139.00	139.00
Celery ¹¹ cwt	2.05	58.60	61.30	61.20
Honeydew melons cwt	2.04	59.80	61.00	60.90
Lettuce cwt	2.52	71.90	75.40	75.20
Onions ¹¹ cwt	1.41	41.70	42.20	42.10
Tomatoes cwt	4.01	120.00	120.00	120.00

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.

Market Year for Specified Commodities

Cattle January 1 – December 31

Milk Cows January 1 – December 31

Hogs December 1 – November 30

Cattle Market Year Average Prices Received – United States: Marketing Years 2018 and 2019

[All beef includes steer and heifers combined and cows. Cows include beef cows and cull dairy cows sold for slaughter. Milk cow prices are calendar year average of quarterly estimates.]

Year	Cows	Steers and heifers	Calves	Beef cattle	Milk cows
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per head)
2018	63.50	117.00	170.00	115.00	1,360.00
2019	62.00	118.00	159.00	116.00	1,200.00

Hog Market Year Average Prices Received – United States: Marketing Years 2018 and 2019

Year	Barrows and gilts	Sows	All
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
2018	50.50	41.30	50.20
2019	51.70	41.10	51.40

Milk Cow Market Year Average Prices Received – States and United States: Marketing Years 2018 and 2019

State	2018	2019
	(dollars per head)	(dollars per head)
Alabama	1,280	1,080
Alaska	1,700	2,080
Arizona	1,540	1,340
Arkansas	1,260	1,040
California	1,330	1,230
Colorado	1,500	1,240
Connecticut	1,480	1,070
Delaware	1,260	1,000
Florida	1,420	1,230
Georgia	1,370	1,230
Hawaii	1,850	1,360
Idaho	1,490	1,280
Illinois	1,320	1,170
Indiana	1,260	1,140
Iowa	1,290	1,160
Kansas	1,500	1,300
Kentucky	1,180	1,030
Louisiana	1,380	1,170
Maine	1,300	1,070
Maryland	1,320	1,140
Massachusetts	1,310	1,110
Michigan	1,330	1,230
Minnesota	1,240	1,090
Mississippi	1,380	1,180
Missouri	1,150	1,000
Montana	1,410	1,290
Nebraska	1,490	1,170
Nevada	1,480	1,280
New Hampshire	1,370	1,220
New Jersey	1,300	1,030
New Mexico	1,560	1,280
New York	1,250	1,140
North Carolina	1,330	1,070
North Dakota	1,300	1,080
Ohio	1,200	1,040
Oklahoma	1,330	1,140
Oregon	1,560	1,300
Pennsylvania	1,270	1,120
Rhode Island	1,410	1,050
South Carolina	1,280	1,130
South Dakota	1,380	1,180
Tennessee	1,370	1,060
Texas	1,510	1,300
Utah	1,450	1,140
Vermont	1,430	1,190
Virginia	1,210	1,040
Washington	1,430	1,240
West Virginia	1,290	990
Wisconsin	1,310	1,180
Wyoming	1,390	1,230
United States	1,360	1,200

Prices Received for Cows, Steers and Heifers, Calves, Beef Cattle, and Milk Cows by Month – United States: Marketing Years 2018 and 2019

[All beef includes steer & heifers combined and cows. Cows include beef cows and cull dairy cows sold for slaughter. Milk cow prices are calendar year average. Quarterly United States milk cow prices are based on revised milk cow inventory.]

Month	Cows		Steers and heifers		Calves		Beef cattle		Milk cows	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per head)	(dollars per head)
January	63.30	54.20	123.00	124.00	174.00	169.00	120.00	121.00	1,520.00	1,140.00
February	65.60	58.90	127.00	126.00	180.00	170.00	125.00	123.00	(NA)	(NA)
March	68.90	62.80	127.00	129.00	175.00	170.00	125.00	126.00	(NA)	(NA)
April	67.50	61.30	122.00	128.00	170.00	174.00	119.00	125.00	1,360.00	1,140.00
May	66.20	65.60	122.00	122.00	165.00	148.00	120.00	120.00	(NA)	(NA)
June	66.30	65.90	113.00	115.00	158.00	149.00	112.00	114.00	(NA)	(NA)
July	66.80	67.00	112.00	113.00	153.00	144.00	110.00	112.00	1,320.00	1,230.00
August	63.00	68.30	112.00	112.00	160.00	142.00	110.00	111.00	(NA)	(NA)
September	60.80	65.60	110.00	104.00	169.00	144.00	108.00	103.00	(NA)	(NA)
October	57.80	60.90	112.00	109.00	174.00	154.00	110.00	107.00	1,230.00	1,310.00
November	52.70	57.70	115.00	115.00	169.00	158.00	113.00	113.00	(NA)	(NA)
December	51.80	59.30	119.00	120.00	166.00	159.00	117.00	118.00	(NA)	(NA)

(NA) Not available.

Prices Received for Barrows and Gilts, Sows, and All Hogs by Month – United States: Marketing Years 2018 and 2019

[December preceding year]

Month	Barrows and gilts		Sows		All hogs	
	2018	2019	2018	2019	2018	2019
	(dollars per cwt)					
December	48.80	43.60	41.80	38.00	48.60	43.40
January	52.90	45.00	40.40	32.30	52.50	44.60
February	54.60	43.60	54.50	36.20	54.60	43.40
March	50.00	46.50	47.70	43.90	50.00	46.50
April	45.50	59.70	40.20	50.60	45.30	59.40
May	51.80	62.30	43.50	61.80	51.50	62.30
June	59.80	60.00	42.00	47.50	59.10	59.50
July	59.20	57.40	43.60	35.60	58.60	56.60
August	44.70	59.30	34.00	38.30	44.30	58.50
September	43.70	48.30	28.60	31.90	43.20	47.70
October	50.80	49.70	35.20	33.10	50.30	49.10
November	46.30	48.20	43.30	41.90	46.20	48.00

Prices Received for Milk Cows by Month – States and United States: 2019

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

State	January 2019	April 2019	July 2019	October 2019
	(dollars per head)	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,250	1,300	1,350	1,450
California	1,100	1,100	1,300	1,400
Colorado	1,200	1,200	1,250	1,300
Florida	1,200	1,200	1,220	1,280
Georgia	1,150	1,200	1,260	1,300
Idaho	1,250	1,200	1,300	1,350
Illinois	1,120	1,170	1,200	1,200
Indiana	1,050	1,100	1,150	1,250
Iowa	1,080	1,090	1,180	1,280
Kansas	1,300	1,300	1,300	1,300
Michigan	1,180	1,180	1,250	1,320
Minnesota	1,050	1,060	1,100	1,160
New Mexico	1,250	1,200	1,250	1,400
New York	1,040	1,090	1,180	1,260
Ohio	1,000	1,000	1,050	1,120
Oregon	1,350	1,200	1,300	1,350
Pennsylvania	1,050	1,090	1,160	1,190
South Dakota	1,120	1,170	1,170	1,250
Texas	1,300	1,250	1,300	1,350
Utah	1,100	1,100	1,100	1,250
Vermont	1,100	1,120	1,250	1,300
Virginia	970	980	1,070	1,120
Washington	1,200	1,150	1,250	1,350
Wisconsin	1,120	1,130	1,210	1,270
United States	1,140	1,140	1,230	1,310

**Prices Received Value per Head and Total Value for All Cattle and Calves –
States and United States: January 1, 2019 and 2020**

State	Value per head		Total value	
	2019 (dollars)	2020 (dollars)	2019 (1,000 dollars)	2020 (1,000 dollars)
Alabama	840	830	1,092,000	1,087,300
Alaska	1,280	1,370	20,480	23,290
Arizona	940	940	958,800	911,800
Arkansas	890	870	1,584,200	1,513,800
California	980	1,020	5,047,000	5,304,000
Colorado	1,110	1,130	3,163,500	3,164,000
Connecticut	1,070	930	50,290	45,570
Delaware	980	850	14,700	12,750
Florida	1,000	940	1,680,000	1,579,200
Georgia	950	890	1,016,500	979,000
Hawaii	700	800	99,400	112,000
Idaho	1,050	1,060	2,625,000	2,639,400
Illinois	1,020	1,040	1,213,800	1,144,000
Indiana	920	920	809,600	772,800
Iowa	1,130	1,100	4,463,500	4,290,000
Kansas	1,070	1,050	6,848,000	6,772,500
Kentucky	850	830	1,810,500	1,767,900
Louisiana	950	920	760,000	717,600
Maine	980	900	76,440	72,000
Maryland	930	910	183,210	162,890
Massachusetts	920	860	34,040	29,240
Michigan	950	960	1,102,000	1,104,000
Minnesota	940	960	2,180,800	2,188,800
Mississippi	860	860	774,000	791,200
Missouri	970	970	4,122,500	4,219,500
Montana	1,310	1,300	3,275,000	3,250,000
Nebraska	1,210	1,170	8,228,000	7,956,000
Nevada	1,180	1,190	554,600	571,200
New Hampshire	980	910	32,340	29,120
New Jersey	1,100	1,000	33,000	28,000
New Mexico	1,010	1,050	1,494,800	1,522,500
New York	990	980	1,435,500	1,440,600
North Carolina	730	740	584,000	599,400
North Dakota	1,340	1,330	2,452,200	2,527,000
Ohio	860	890	1,126,600	1,148,100
Oklahoma	1,010	990	5,353,000	5,148,000
Oregon	1,090	1,140	1,427,900	1,459,200
Pennsylvania	910	920	1,456,000	1,407,600
Rhode Island	1,180	1,070	5,546	4,601
South Carolina	820	840	287,000	285,600
South Dakota	1,240	1,230	5,022,000	4,797,000
Tennessee	890	850	1,602,000	1,538,500
Texas	990	970	12,870,000	12,610,000
Utah	1,150	1,180	931,500	967,600
Vermont	1,000	990	255,000	247,500
Virginia	860	870	1,238,400	1,261,500
Washington	930	1,030	1,097,400	1,236,000
West Virginia	870	900	339,300	355,500
Wisconsin	950	930	3,277,500	3,208,500
Wyoming	1,260	1,250	1,638,000	1,650,000
United States	1,031	1,024	97,746,846	96,653,561

**Prices Received Value per Head and Total Value for Hogs –
States and United States: December 1, 2018 and 2019**

State	Value per head		Total value	
	2018 (dollars)	2019 (dollars)	2018 (1,000 dollars)	2019 (1,000 dollars)
Alabama	112	110	3,696	3,960
Alaska	221	220	420	418
Arizona	115	110	19,550	17,710
Arkansas	110	105	14,300	12,285
California	145	145	14,645	15,370
Colorado	110	105	82,500	78,750
Connecticut	145	145	537	580
Delaware	110	110	715	770
Florida	110	112	1,430	1,120
Georgia	100	100	7,200	6,200
Hawaii	170	170	1,530	1,870
Idaho	110	110	3,520	3,850
Illinois	97	102	523,800	545,700
Indiana	97	102	412,250	438,600
Iowa	96	102	2,265,600	2,529,600
Kansas	100	100	205,000	214,000
Kentucky	95	93	27,075	40,455
Louisiana	112	110	672	660
Maine	120	120	528	552
Maryland	120	120	2,280	2,400
Massachusetts	105	105	840	840
Michigan	95	99	112,100	120,780
Minnesota	97	102	882,700	938,400
Mississippi	108	106	20,520	20,140
Missouri	99	103	361,350	334,750
Montana	113	113	21,696	23,730
Nebraska	100	103	355,000	386,250
Nevada	121	120	726	600
New Hampshire	115	115	403	391
New Jersey	120	120	1,020	900
New Mexico	115	115	150	230
New York	105	105	4,830	5,565
North Carolina	91	96	837,200	883,200
North Dakota	103	100	14,935	14,200
Ohio	107	104	272,850	291,200
Oklahoma	120	116	264,000	263,320
Oregon	115	115	1,035	1,265
Pennsylvania	95	100	124,450	131,000
Rhode Island	120	120	204	192
South Carolina	96	95	20,160	18,525
South Dakota	100	102	175,000	202,980
Tennessee	91	93	20,475	23,250
Texas	115	114	127,650	128,820
Utah	105	105	74,550	100,800
Vermont	135	135	500	486
Virginia	94	96	32,430	32,640
Washington	115	115	1,955	1,955
West Virginia	112	105	448	315
Wisconsin	97	101	31,040	36,865
Wyoming	105	110	9,240	10,340
United States	98	102	7,356,703	7,888,779

Prices Received Value per Head and Total Value for Sheep and Lambs – States and United States: January 1, 2019 and 2020

State	Sheep and lambs			
	Value per head		Total value	
	2019	2020	2019	2020
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Arizona	174	169	20,010	17,745
California	205	210	112,750	119,700
Colorado	202	205	84,840	87,125
Idaho	201	207	44,220	47,610
Illinois	228	227	12,084	12,485
Indiana	235	239	14,100	13,623
Iowa	231	229	35,343	34,579
Kansas	223	218	16,056	15,914
Kentucky	199	195	12,736	12,090
Michigan	197	199	16,942	16,915
Minnesota	213	209	26,625	24,035
Missouri	185	187	18,500	18,700
Montana	207	210	44,505	42,000
Nebraska	227	224	17,025	17,472
Nevada	230	230	14,490	14,950
New England ¹	239	234	11,472	12,168
New Mexico	191	187	19,100	17,765
New York	211	216	16,880	18,792
North Carolina	194	196	5,626	5,880
North Dakota	196	200	14,112	15,000
Ohio	223	228	26,983	28,728
Oklahoma	231	233	11,550	12,116
Oregon	193	197	33,775	32,505
Pennsylvania	202	207	19,190	19,872
South Dakota	208	211	53,040	52,750
Tennessee	209	207	10,032	10,143
Texas	181	183	135,750	134,505
Utah	217	212	62,930	60,420
Virginia	197	202	15,563	14,746
Washington	205	199	10,250	9,950
West Virginia	192	187	6,144	6,171
Wisconsin	215	214	16,125	17,334
Wyoming	209	215	73,150	73,100
Other States ²	185	190	29,600	29,450
United States	203	205	1,061,498	1,066,338

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

² Individual State estimates not available for States not shown, but are included in Other States.

Prices Received Value per Head and Total Value for Angora Goats – States and United States: January 1, 2019 and 2020

State	Angora goats			
	Value per head		Total value	
	2019	2020	2019	2020
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Arizona	120.00	114.00	3,240	2,394
California	100.00	(NA)	300	(NA)
New Mexico	109.00	115.00	981	1,035
Texas	140.00	140.00	10,500	10,500
4-State average	131.80	132.70	15,021	13,929

(NA) Not available.

Other Hay Baled Market Year Average Prices Received – Selected Regions: 2015-2017, 2016-2018, and 2017-2019 Averages

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

Region	3-year average		
	2015-2017	2016-2018	2017-2019
	(dollars per ton)	(dollars per ton)	(dollars per ton)
Appalachia ¹	115.10	120.10	121.70
Corn Belt ²	93.00	98.90	110.50
Florida	155.30	156.60	152.90
Lake States ³	76.20	89.00	110.20
Northeast ⁴	169.70	156.80	159.30
Southeast/Delta ⁵	101.10	99.70	99.90

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.

January Prices Paid by Farmers

The January Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.3, is up 0.2 percent from December 2019 but down 0.1 percent from January 2019.

Production: The January index, at 106.3, is down 0.1 percent from December and 1.0 percent from last year. Lower prices for nitrogen, LP gas, herbicides, and mixed fertilizer more than offset higher prices for feeder cattle, feeder pigs, interest, and rent.

Feed: At 102.5, the January index increased 0.2 percent from December and 0.7 percent from last January. Since December, higher prices for complete feeds, feed grains, and concentrates more than offset lower prices for supplements and hay and forages.

Livestock and poultry: The January index, at 106.8, increased 4.1 percent from December and 0.8 percent from last year. Since December, higher prices for feeder cattle and feeder pigs more than offset lower prices for milk cows. The January feeder cattle price, at \$148.00 per cwt, is up \$5.00 per cwt from the December. The January feeder pigs price, at \$160.00 per cwt, is up \$24.00 per cwt from the previous month.

Fertilizer: The index for January, at 60.2, is down 3.5 percent from December and 14 percent from January a year ago. Since December, prices for nitrogen, mixed fertilizer, and potash and phosphate are low.

Chemicals: The January index, at 96.5, is down 1.2 percent from December and 6.7 percent from last January.

Fuels: At 66.7, the January index is down 2.1 percent from December and 0.4 percent from January 2019. Compared with December, prices are lower for LP gas, diesel, and gasoline.

Machinery: The index for January, at 128.9, increased 0.6 percent from December and 3.5 percent from last January. Compared with last month, prices are higher for self-propelled machinery but lower for other machinery.

Consumer Price Index: The January 2020 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 2.5 percent over the last 12 months to an index level of 257.971 (1982-1984=100). For the month, the index increased 0.4 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: January 2020 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		
	January 2019	December 2019	January 2020	January 2019	December 2019	January 2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2989	2979	2984	110.4	110.1	110.3
Production	2235	2215	2213	107.4	106.4	106.3
Feed	1121	1127	1130	101.8	102.3	102.5
Livestock and poultry	2092	2025	2108	106.0	102.6	106.8
Seeds	3885	3800	3800	118.2	115.6	115.6
Fertilizer	841	751	725	69.8	62.4	60.2
Chemicals	929	878	866	103.4	97.7	96.5
Fuels	1873	1905	1866	67.0	68.1	66.7
Supplies and repairs	1347	1358	1360	114.2	115.2	115.3
Autos and trucks	3256	3244	3264	105.9	105.5	106.2
Machinery	7607	7828	7880	124.5	128.1	128.9
Building materials	2741	2742	2755	117.8	117.9	118.4
Services and rent	2474	2470	2480	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	116.5	116.2	116.2
Rent	(NA)	(NA)	(NA)	116.5	116.5	117.8
Interest ¹	4205	4205	4307	115.3	115.3	118.1
Taxes ²	7000	7000	7095	117.9	117.9	119.5
Wage rates	9574	9612	9612	133.7	134.2	134.2
Family living-CPI ³	2391	2441	2451	111.9	114.3	114.7
Production, interest, taxes, and wage rates (PITW)	3108	3086	3089	110.2	109.4	109.6
Ratio (received/paid)	(NA)	(NA)	(NA)	78	83	81
Parity ratio ⁴	30	31	31	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	32	33	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1682	1689	1704	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	111.6	111.0	110.7
Livestock sector (PPITW)	(NA)	(NA)	(NA)	109.2	109.1	109.8
Farm sector (production)	(NA)	(NA)	(NA)	106.4	105.1	106.4
Non-farm sector (production)	(NA)	(NA)	(NA)	107.9	107.2	106.3

(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 updated annually.

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: January 2020 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)		
	2019	2020	January 2019	December 2019	January 2020
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	73.2	72.9	107.4	106.4	106.3
Feed	12.8	13.3	101.8	102.3	102.5
Feed grains	1.8	1.9	59.9	62.1	63.3
Complete feeds	6.3	6.5	106.2	108.3	109.0
Hay and forages	1.6	1.7	111.0	104.2	103.1
Concentrates	2.0	2.1	111.6	111.3	111.8
Supplements	1.1	1.1	114.6	115.8	113.7
Livestock and poultry	8.8	9.2	106.0	102.6	106.8
Feeder cattle	6.8	7.2	106.8	104.1	107.8
Feeder pigs	0.7	0.7	125.0	97.1	114.3
Milk cow replacements	0.7	0.7	80.3	92.3	91.5
Poultry	0.5	0.6	104.3	104.3	104.3
Seeds	5.4	5.1	118.2	115.6	115.6
Field crops	4.9	4.6	116.9	114.0	114.0
Grasses and legumes	0.5	0.5	131.0	131.8	131.8
Fertilizer	5.0	5.1	69.8	62.4	60.2
Mixed fertilizer	2.2	2.2	71.8	67.0	65.9
Nitrogen	2.1	2.1	69.2	62.2	58.4
Potash and phosphate	0.7	0.7	65.6	48.5	47.6
Chemicals	3.6	3.5	103.4	97.7	96.5
Herbicides	2.2	2.2	104.0	98.3	97.0
Insecticides	0.8	0.8	103.7	97.8	96.5
Fungicides and other	0.5	0.5	100.2	95.1	93.9
Fuels	2.8	3.2	67.0	68.1	66.7
Diesel	1.8	2.0	67.2	70.3	70.1
Gasoline	0.6	0.7	62.5	72.1	71.9
LP gas	0.5	0.5	71.5	55.1	47.6
Supplies and repairs	4.6	4.6	114.2	115.2	115.3
Supplies	1.5	1.5	114.6	116.2	116.4
Repairs	3.1	3.0	114.0	114.7	114.7
Autos and trucks	1.3	1.2	105.9	105.5	106.2
Autos	0.2	0.2	100.5	100.1	100.8
Trucks	1.1	1.1	106.8	106.4	107.0
Machinery	5.3	4.7	124.5	128.1	128.9
Tractors	1.2	1.0	110.4	109.3	109.3
Self-propelled	2.1	1.9	130.3	137.0	139.4
Other machinery	2.0	1.8	126.5	129.6	129.3
Building materials	4.1	4.0	117.8	117.9	118.4
Services	11.7	11.9	116.5	116.2	116.2
Custom rates	1.2	1.2	118.4	118.4	118.4
Other services	10.5	10.7	116.3	115.9	116.0
Rent	7.8	7.1	116.5	116.5	117.8
Cash	4.2	3.8	123.3	123.3	124.7
Share	3.6	3.3	108.6	108.6	109.7
Interest	2.6	2.6	115.3	115.3	118.1
Taxes	3.2	3.1	117.9	117.9	119.5
Wage rates	7.2	7.4	133.7	134.2	134.2
Family living-CPI	13.9	14.0	111.9	114.3	114.7

Feed Price Ratios – United States: January 2020 with Comparisons

Feed price ratio ¹	January 2019	December 2019	January 2020
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.8	4.5	4.8
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	9.5	8.3	5.2
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	12.5	12.7	12.6
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	2.06	2.55	2.41
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	34.8	32.3	33.0
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	5.6	6.9	6.7

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: January 2020 with Comparisons

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

Item	January 2019	December 2019	January 2020
	(dollars)	(dollars)	(dollars)
Broilers, live pound	0.560	0.450	0.490
Eggs, market dozen	0.797	0.715	0.453
Hogs, allcwt	44.60	47.30	47.80
Milk, allcwt	16.60	20.70	19.60
Steers and heiferscwt	124.00	120.00	125.00
Turkeys, live pound	0.509	0.624	0.625
Corn bushel	3.56	3.71	3.79
Hay, alfalfa ton	179.00	175.00	171.00
Soybeans bushel	8.64	8.70	8.84
Wheat, all bushel	5.28	4.64	4.87

Prices Paid for Feeder Livestock – United States: January 2020 with Comparisons

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

Item	January 2019	December 2019	January 2020
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	146.00	143.00	148.00
Feeder pigscwt	175.00	136.00	160.00

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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Mandarins and tangerines, Mushrooms, Olives, Oranges (202) 720-5412

Greg Lemmons – Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins, Raspberries,
Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes, Tame Blueberries,
Wild Blueberries (202) 720-4285

Dan Norris – Artichokes, Cantaloupes, Dry Edible Peas, Green Peas, Lentils,
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Krishna Rizal – Dry beans, Garlic, Hazelnuts, Honeydews, Kiwifruit, Lettuce, Maple Syrup,
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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

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February 2016 Price Program Update

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