



# Agricultural Prices

ISSN: 1937-4216

Released May 29, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## April Prices Received Index Down 9.0 Percent

The April Prices Received Index 2011 Base (Agricultural Production), at 84.9, decreased 9.0 percent from March and 9.4 percent from April 2019. At 92.4, the Crop Production Index was up 4.2 percent from last month and 7.7 percent from the previous year. The Livestock Production Index, at 78.3, decreased 20 percent from March and 22 percent from April last year. Producers received lower prices during April for broilers, market eggs, milk, and corn but higher prices for oranges, grapefruit, rice, and hay. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of strawberries, oranges, milk, and apples offset the decreased marketing of corn, cattle, soybeans, and hay.

## April Prices Paid Index Down 1.1 Percent

The April Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 108.7, is down 1.1 percent from March 2020 and 2.3 percent from April 2019. Lower prices in April for feeder cattle, feeder pigs, diesel, and feed grains more than offset higher prices for complete feeds, LP gas, concentrates, and supplements.

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

Index Group	April 2019	March 2020	April 2020
	(percent)	(percent)	(percent)
Prices received by farmers .....	93.7	93.3	84.9
Prices paid by farmers .....	111.3	109.9	108.7
Ratio of prices received to prices paid .....	85	85	78

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## April Prices Received by Farmers

**Crop production:** The April index, at 92.4, is 4.2 percent higher than March and 7.7 percent higher than April 2019. The fruit & tree nut and vegetable & melon index increases more than offset the other crop and feed grain index decreases.

**Grain and oilseed:** The April index, at 62.4, is down 5.3 percent from March and 2.2 percent from April 2019. The feed grain index decreases more than offset food grain index increases.

**Feed grain:** The April index, at 55.1, decreased 11 percent from last month and 6.6 percent from a year ago. The corn price, at \$3.29 per bushel, is down 39 cents from last month and 24 cents from April 2019.

**Food grain:** At 78.9, the index for April increased 1.3 percent from the previous month and 6.6 percent from a year ago. The April price for rice, at \$13.80 per cwt, is 60 cents higher than March and \$1.80 higher than April 2019. The April price for all wheat, at \$4.84 per bushel, is 2 cents lower than March and 9 cents lower than April 2019.

**Oilseed:** At 67.5, the index for April decreased 1.3 percent from March but increased 0.9 percent from April 2019. The soybean price, at \$8.35 per bushel, is 11 cents lower than March but 7 cents higher than April a year earlier.

**Fruit and tree nut:** The April index, at 145.8, is up 9.3 percent from March and 34 percent from a year earlier. Price increases during April for grapefruit, lemons, and oranges more than offset price decreases for pears and strawberries.

**Vegetable and melon:** At 125.6, the index for April decreased 6.3 percent from the previous month but increased 11.1 percent from April 2019. Price increases during April for snap beans, onions, and tomatoes more than offset price declines for lettuce, potatoes, and celery.

**Other crop:** The April index, at 77.1, is down 2.2 percent from the previous month and 13 percent from April 2019. At 54.9 cents per pound, the price for upland cotton is 2.7 cents lower than March and 15.6 cents lower than April 2019. The all hay price, at \$161.00 per ton is \$3.00 higher than March but \$23.00 lower than April 2019.

**Livestock production:** The index for April, at 78.3, decreased 20 percent from the previous month and 22 percent from April a year earlier. Compared with a year ago, prices are lower for broilers, cattle, milk, and hogs. Prices for turkeys are higher than a year earlier.

**Meat animal:** At 87.5, the April index decreased 5.7 percent from the previous month and 17 percent from a year earlier. At \$42.30 per cwt, the April hog price is \$5.40 lower than March and \$17.10 lower than a year earlier. The April beef cattle price of \$108.00 per cwt is \$5.00 lower than the previous month and \$17.00 lower than April 2019.

**Dairy:** The index for April, at 71.6, is down 20 percent from the previous month and 18.7 percent from April a year ago. The April all milk price of \$14.40 per cwt is \$3.60 lower than March and \$3.30 lower than April 2019.

**Poultry and egg:** At 67.0, the April index decreased 40 percent from March and 35.3 percent from April 2019. The April market egg price, at 79.7 cents per dozen, is 78.3 cents lower than March but 42.4 cents higher than April 2019. The April broiler price, at 22.6 cents per pound, is 20.4 cents lower than March and 32.4 cents lower than a year ago. At 67.7 cents per pound, the April turkey price is 1.3 cents higher than the previous month and 12.1 cents higher than April 2019.

**Food Commodities:** The index, at 88.0, decreased 11 percent from the previous month and 9.9 percent from April 2019.

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

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	2011 Base		
	April 2019	March 2020	April 2020
	(percent)	(percent)	(percent)
Agricultural production .....	93.7	93.3	84.9
Crop production .....	85.8	88.7	92.4
Grain and oilseed .....	63.8	65.9	62.4
Feed grain .....	59.0	61.6	55.1
Food grain .....	74.0	77.9	78.9
Oilseed .....	66.9	68.4	67.5
Fruit and tree nut .....	109.1	133.4	145.8
Vegetable and melon .....	113.1	134.1	125.6
Other crop .....	88.1	78.8	77.1
Livestock production .....	100.5	97.4	78.3
Meat animal .....	104.9	92.8	87.5
Cattle .....	109.7	99.3	94.8
Hog .....	89.3	71.7	63.6
Dairy .....	88.1	89.6	71.6
Poultry and egg .....	103.5	112.2	67.0
Food commodity .....	97.7	98.7	88.0

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

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	1910 - 1914 Base		
	April 2019	March 2020	April 2020
	(percent)	(percent)	(percent)
Agricultural production .....	967	963	876
Crop production .....	748	773	806
Livestock production .....	1167	1131	910

## 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](http://www.nass.usda.gov). Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	86.4	88.8	78.7	82.3	97.8	98.5	92.9	96.3
February .....	90.3	90.5	85.1	86.0	95.2	94.7	94.3	94.8
March .....	93.3	93.3	87.7	88.7	98.1	97.4	98.0	98.7
April .....	93.7	84.9	85.8	92.4	100.5	78.3	97.7	88.0
May .....	92.6		85.0		99.2		96.1	
June .....	93.7		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 .....	86.0		83.1		90.6		89.3	
November .....	90.4		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](http://www.nass.usda.gov). Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	110.5	111.2	107.4	107.6	111.6	111.8	109.3	110.6
February .....	110.6	110.9	107.5	107.1	111.8	111.8	109.4	110.0
March .....	110.7	109.9	107.6	105.8	111.6	111.2	109.8	108.6
April .....	111.3	108.7	108.4	104.3	111.6	110.7	110.9	106.6
May .....	110.9		107.8		111.7		110.0	
June .....	110.4		107.2		111.8		108.9	
July .....	110.7		107.3		112.1		109.1	
August .....	109.9		106.2		111.4		108.2	
September .....	109.6		105.8		111.0		108.0	
October .....	110.3		106.7		111.6		109.0	
November .....	110.6		107.1		111.7		109.4	
December .....	110.9		107.4		111.9		109.7	

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

[Price data source for non-citrus fruit commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	April 2019	March 2020	April 2020
<b>Field crops</b>				
Barley, all .....dollars/bushel	4.79	4.80	4.89	4.64
Feed .....dollars/bushel	4.59	3.39	3.55	3.16
Malting .....dollars/bushel	4.83	4.92	5.08	4.73
Beans, dry edible .....dollars/cwt	34.60	26.10	37.00	37.20
Canola .....dollars/cwt	23.10	15.80	15.50	15.20
Chickpeas, all .....dollars/cwt	35.70	22.50	17.70	16.80
Large .....dollars/cwt	39.20	22.40	17.70	16.90
Small .....dollars/cwt	23.40	23.40	17.70	12.60
Corn .....dollars/bushel	6.02	3.53	3.68	3.29
Cotton, Upland .....dollars/pound	0.880	0.705	0.576	0.549
Cottonseed .....dollars/ton	131.00	(NA)	(NA)	(NA)
Flaxseed .....dollars/bushel	14.20	9.93	10.70	9.15
Hay, all, baled .....dollars/ton	159.00	184.00	158.00	161.00
Alfalfa .....dollars/ton	176.00	198.00	175.00	181.00
Other .....dollars/ton	119.00	158.00	130.00	124.00
Lentils .....dollars/cwt	27.50	16.00	21.20	14.60
Oats .....dollars/bushel	3.42	3.01	2.96	3.10
Peanuts, in-shell .....dollars/pound	0.252	0.203	0.206	0.206
Peas, dry edible .....dollars/cwt	13.60	10.30	9.56	9.52
Rice, all .....dollars/cwt	13.70	12.00	13.20	13.80
Long .....dollars/cwt	12.30	10.50	12.50	12.80
Medium and short .....dollars/cwt	18.40	17.30	15.40	16.00
Sorghum grain .....dollars/cwt	10.70	5.40	5.88	5.77
Soybeans .....dollars/bushel	12.50	8.28	8.46	8.35
Sunflowers, all .....dollars/cwt	29.00	17.60	20.60	20.20
Wheat, all .....dollars/bushel	7.44	4.93	4.86	4.84
Winter .....dollars/bushel	6.93	4.86	4.84	4.88
Durum .....dollars/bushel	9.22	4.85	5.46	5.26
Other spring .....dollars/bushel	8.33	5.03	4.82	4.68
Hard red winter .....dollars/bushel	7.07	4.59	4.62	4.64
Soft red winter .....dollars/bushel	6.77	4.69	5.75	5.64
Hard red spring .....dollars/bushel	8.38	5.02	4.80	4.63
White .....dollars/bushel	6.58	5.29	5.39	5.49
<b>Fruits</b>				
Citrus, equivalent on-tree				
Grapefruit .....dollars/box	7.47	13.51	9.73	11.26
Lemons .....dollars/box	12.30	13.38	10.64	10.91
Oranges .....dollars/box	8.16	11.23	9.97	11.09
Non-citrus, fresh <sup>1</sup>				
Apples .....dollars/pound	0.325	0.381	0.577	0.577
Grapes .....dollars/ton	628.00	(S)	(S)	(S)
Peaches .....dollars/ton	507.00	(S)	(S)	(S)
Pears .....dollars/ton	559.00	545.00	1,170.00	1,050.00
Strawberries .....dollars/cwt	104.00	79.20	189.00	123.00

(NA) Not available.

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

<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis

## Prices Received for Vegetables and Livestock – United States: April 2020 with Comparisons

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

Commodity	2011 Base Price	April 2019	March 2020	April 2020
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....	dollars/cwt 37.50	119.00	(S)	284.00
Beans, snap .....	dollars/cwt 69.00	60.00	43.20	45.30
Broccoli .....	dollars/cwt 41.60	50.00	79.60	53.80
Cantaloupes .....	dollars/cwt 16.50	(S)	(S)	(S)
Carrots .....	dollars/cwt 30.80	28.10	57.50	47.50
Cauliflower .....	dollars/cwt 47.00	67.00	102.00	72.00
Celery .....	dollars/cwt 22.50	113.00	55.70	49.60
Corn, sweet .....	dollars/cwt 30.70	34.80	28.60	28.20
Cucumbers .....	dollars/cwt 18.70	29.20	42.00	23.40
Lettuce .....	dollars/cwt 24.30	28.10	27.40	22.30
Onions <sup>2</sup> .....	dollars/cwt 11.90	23.60	20.60	24.80
Potatoes .....	dollars/cwt 14.30	11.50	15.90	14.60
Tomatoes .....	dollars/cwt 51.20	43.40	57.60	65.00
<b>Livestock</b>				
Calves .....	dollars/cwt 142.00	174.00	160.00	151.00
Cattle, all beef .....	dollars/cwt 115.00	125.00	113.00	108.00
Cows <sup>3</sup> .....	dollars/cwt 71.60	61.30	67.50	64.00
Steers and heifers .....	dollars/cwt 117.00	128.00	114.00	111.00
Milk cows <sup>4</sup> .....	dollars/head 1,420.00	1,140.00	(NA)	1,250.00
Hogs, all .....	dollars/cwt 66.50	59.40	47.70	42.30
Barrows and gilts .....	dollars/cwt 66.80	59.70	48.30	42.60
Sows .....	dollars/cwt 57.90	50.60	31.50	36.20
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....	dollars/cwt 20.10	17.70	18.00	14.40
Fat test .....	percent 3.71	3.89	3.96	3.94
Broilers, live <sup>6</sup> .....	dollars/pound 0.459	0.550	0.430	0.226
Eggs, all .....	dollars/dozen 0.969	0.633	1.72	1.03
Market <sup>7</sup> .....	dollars/dozen 0.796	0.373	1.58	0.797
Turkeys, live <sup>8</sup> .....	dollars/pound 0.680	0.556	0.664	0.677
<b>Adjusted for seasonal variation</b>				
Eggs, all .....	dollars/dozen 0.979	0.712	1.39	1.15
Seasonal factor .....	percent 101	89	123	89
Milk, all .....	dollars/cwt 20.20	18.50	18.60	15.10
Seasonal factor .....	percent 100	96	97	96

(NA) Not available.

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

<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis

<sup>2</sup> Includes some processing.

<sup>3</sup> Beef cows and cull dairy cows sold for slaughter.

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

<sup>5</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

<sup>6</sup> Live weight equivalent price.

<sup>7</sup> Also referred to as table eggs.

<sup>8</sup> Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

## Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 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)	(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 .....	4.65	5.28	4.87	3.29	3.56	3.79	9.30	8.64	8.84
February .....	4.92	5.33	4.88	3.38	3.60	3.78	9.50	8.52	8.59
March .....	5.10	5.19	4.86	3.51	3.61	3.68	9.81	8.52	8.46
April .....	5.28	4.93	4.84	3.58	3.53	3.29	9.85	8.28	8.35
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 <sup>1</sup>			All hogs <sup>2</sup>		
	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	120.00	54.60	43.40	45.50
March .....	125.00	126.00	113.00	50.00	46.50	47.70
April .....	119.00	125.00	108.00	45.30	59.40	42.30
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	

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

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



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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(S)	(D)
Arkansas .....	(D)	(S)	(S)
California .....	(D)	(D)	(D)
Colorado .....	4.08	4.28	4.48
Idaho .....	5.23	5.01	4.94
Illinois .....	5.10	6.19	5.85
Indiana .....	4.14	5.43	5.47
Kansas .....	4.58	4.37	4.56
Michigan .....	5.25	5.66	5.85
Minnesota .....	5.31	4.76	4.48
Missouri .....	4.52	5.66	5.97
Montana .....	5.10	5.01	4.80
Nebraska .....	4.03	4.30	4.44
North Carolina .....	4.79	6.39	5.74
North Dakota .....	4.81	4.75	4.64
Ohio .....	4.83	5.62	5.32
Oklahoma .....	4.09	4.49	4.61
Oregon .....	5.70	6.02	5.95
South Dakota .....	4.72	4.81	4.78
Texas .....	4.07	5.24	5.35
Washington .....	5.40	5.68	5.73
United States .....	4.93	4.86	4.84

(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: April 2020 with Comparisons

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(S)	(S)
California .....	(D)	(D)	(D)
Colorado .....	4.08	4.28	4.48
Idaho .....	5.18	5.03	4.93
Illinois .....	5.10	6.19	5.85
Indiana .....	4.14	5.43	5.47
Kansas .....	4.58	4.37	4.56
Michigan .....	5.25	5.66	5.85
Minnesota <sup>1</sup> .....	(D)	(NA)	(NA)
Missouri .....	4.52	5.66	5.97
Montana .....	5.19	5.06	4.65
Nebraska .....	4.03	4.30	4.44
North Carolina .....	4.79	6.39	5.74
North Dakota .....	(S)	(D)	4.61
Ohio .....	4.83	5.62	5.32
Oklahoma .....	4.09	4.49	4.61
Oregon .....	5.70	6.02	5.95
South Dakota .....	4.69	4.60	4.73
Texas .....	4.07	5.24	5.35
Washington .....	5.22	5.59	5.70
United States .....	4.86	4.84	4.88

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

(NA) Not available.

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

<sup>1</sup> Monthly estimates discontinued in September 2019.

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(S)	(D)
California .....	(S)	(D)	(S)
Idaho .....	(D)	(S)	(S)
Montana .....	(D)	(D)	(D)
North Dakota .....	4.76	5.63	5.31
United States .....	4.85	5.46	5.26

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

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

### Prices Received for Spring Wheat – States and United States: April 2020 with Comparisons

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado <sup>1</sup> .....	(D)	(NA)	(NA)
Idaho .....	5.22	4.98	(D)
Minnesota .....	5.31	4.76	4.48
Montana .....	4.99	4.96	5.01
North Dakota .....	4.82	4.58	4.40
Oregon <sup>1</sup> .....	5.71	(NA)	(NA)
South Dakota .....	4.75	5.00	4.91
Washington .....	5.82	6.09	5.88
United States .....	5.03	4.82	4.68

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

(NA) Not available.

<sup>1</sup> Monthly estimates discontinued in September 2019.

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(S)	(S)	(S)
Iowa .....	3.38	4.04	3.51
Michigan .....	3.80	3.86	4.06
Minnesota .....	3.11	2.49	2.69
Montana .....	(D)	(S)	(S)
Nebraska .....	3.19	(D)	3.28
New York .....	(S)	(S)	(S)
North Dakota .....	2.63	2.73	2.39
Oregon .....	(S)	(S)	(S)
Pennsylvania .....	4.75	4.50	4.01
South Dakota .....	2.89	2.75	3.12
Texas .....	(D)	(S)	(S)
Wisconsin .....	3.40	3.26	3.59
United States .....	3.01	2.96	3.10

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

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

### Prices Received for All Barley – States and United States: April 2020 with Comparisons

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(D)
Colorado .....	4.66	4.94	5.28
Idaho .....	5.49	5.15	4.95
Minnesota .....	(D)	(D)	(D)
Montana .....	4.67	4.66	3.95
North Dakota .....	4.29	4.08	4.17
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	(D)	(S)
United States .....	4.80	4.89	4.64

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

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

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(D)
Colorado .....	4.66	(D)	5.28
Idaho .....	5.61	5.19	(D)
Minnesota .....	(D)	(D)	(D)
Montana .....	4.69	4.73	4.24
North Dakota .....	4.46	4.62	4.19
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	(S)	(S)
United States .....	4.92	5.08	4.73

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

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

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	(S)	(D)	(S)
Idaho .....	3.77	3.93	3.42
Minnesota .....	(S)	(S)	(S)
Montana .....	(D)	3.09	3.14
North Dakota .....	3.29	3.50	2.85
Washington .....	3.08	3.02	2.81
Wyoming .....	(S)	(D)	(S)
United States .....	3.39	3.55	3.16

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

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

## Prices Received for Sorghum Grain – States and United States: April 2020 with Comparisons

State	April 2019	March 2020	April 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas <sup>1</sup> .....	(S)	(NA)	(NA)
Kansas .....	5.17	5.81	5.77
Louisiana <sup>1</sup> .....	(D)	(NA)	(NA)
Missouri <sup>1</sup> .....	6.59	(NA)	(NA)
Nebraska .....	5.41	(D)	5.64
Oklahoma .....	5.54	6.21	5.86
Texas .....	6.36	6.75	5.81
United States .....	5.40	5.88	5.77

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

(NA) Not available.

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

<sup>1</sup> Monthly estimates discontinued in September 2019.

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	3.58	3.74	3.34
Illinois .....	3.54	3.65	3.21
Indiana .....	3.68	4.03	3.61
Iowa .....	3.51	3.64	3.28
Kansas .....	3.48	3.59	3.26
Kentucky .....	3.82	4.11	3.76
Michigan .....	3.60	3.73	3.42
Minnesota .....	3.36	3.49	3.14
Missouri .....	3.61	3.85	3.44
Nebraska .....	3.49	3.63	3.23
North Carolina .....	4.27	4.62	4.36
North Dakota .....	3.25	3.16	2.82
Ohio .....	3.64	3.99	3.66
Pennsylvania .....	4.19	4.11	3.77
South Dakota .....	3.28	3.42	3.00
Tennessee .....	3.60	4.02	3.53
Texas .....	3.92	4.24	3.83
Wisconsin .....	3.46	3.51	3.10
United States .....	3.53	3.68	3.29

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	8.09	8.50	8.31
Illinois .....	8.41	8.78	8.42
Indiana .....	8.57	9.01	8.64
Iowa .....	8.25	8.43	8.35
Kansas .....	8.01	8.18	8.10
Kentucky .....	8.68	8.99	8.63
Louisiana .....	8.06	(D)	(D)
Michigan .....	8.22	8.90	(D)
Minnesota .....	8.11	7.40	8.07
Mississippi .....	8.01	(D)	8.34
Missouri .....	8.48	8.80	8.49
Nebraska .....	8.09	8.23	8.08
North Carolina .....	8.38	8.73	8.51
North Dakota .....	7.65	7.67	7.49
Ohio .....	8.50	9.11	8.88
South Dakota .....	7.88	8.13	7.90
Tennessee .....	8.69	8.99	8.52
Wisconsin .....	8.23	8.30	8.13
United States .....	8.28	8.46	8.35

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

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

State	April 2019	March 2020	April 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	70.60	(D)	(D)
Colorado .....	(D)	36.10	38.40
Idaho .....	25.00	(D)	(D)
Michigan .....	(D)	37.40	(D)
Minnesota .....	21.40	38.20	(D)
Nebraska .....	(D)	(D)	(D)
North Dakota .....	21.80	35.90	36.10
United States .....	26.10	37.00	37.20

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

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

State	April 2019	March 2020	April 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.200	0.198	0.203
Arkansas .....	0.191	(S)	(S)
Florida .....	0.207	0.195	0.200
Georgia .....	0.197	0.197	0.199
Mississippi .....	0.181	0.189	0.205
New Mexico .....	0.254	(S)	(S)
North Carolina .....	0.217	0.222	0.222
Oklahoma .....	0.243	0.236	0.233
South Carolina .....	0.211	0.209	0.212
Texas .....	0.229	0.331	0.233
Virginia .....	0.222	0.214	0.220
United States .....	0.203	0.206	0.206

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

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

State	April 2019	March 2020	April 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	(D)	19.50	(D)
Minnesota .....	(D)	22.40	(D)
North Dakota .....	18.80	21.10	21.70
South Dakota .....	16.30	20.70	19.50
United States .....	17.60	20.60	20.20

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

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

State	April 2019	March 2020	April 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(D)	(D)
Montana .....	15.20	13.60	15.70
North Dakota .....	15.80	15.60	15.10
Oklahoma .....	(S)	(S)	(S)
United States .....	15.80	15.50	15.20

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

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

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

State	April 2019	March 2020	April 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	9.93	10.70	9.15
United States .....	9.93	10.70	9.15

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	April 2019	March 2020	April 2020	April 2019	March 2020	April 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(D)	0.588	0.565	(NA)	(NA)	(NA)
Arizona .....	(D)	(S)	(S)	(NA)	(NA)	(NA)
Arkansas .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
California .....	(D)	(S)	(D)	(NA)	(NA)	(NA)
Georgia .....	0.722	0.558	0.537	(NA)	(NA)	(NA)
Louisiana .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mississippi .....	(D)	(D)	(D)	(NA)	(NA)	(NA)
North Carolina .....	0.727	0.583	(D)	(NA)	(NA)	(NA)
Tennessee .....	0.688	0.594	0.559	(NA)	(NA)	(NA)
Texas .....	0.689	0.533	0.507	(NA)	(NA)	(NA)
United States .....	0.705	0.576	0.549	(NA)	(NA)	(NA)

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

(NA) Not available.

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

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

Item	April 2019	March 2020	April 2020
Cotton, Upland			
Average price .....dollars/pound	0.705	0.576	0.549
Marketings <sup>1</sup> .....1,000 bales	877	564	394
Rice, all			
Average price .....dollars/cwt	12.00	13.20	13.80
Marketings <sup>2</sup> .....1,000 cwt	15,419	13,738	10,235
Rice, long			
Average price .....dollars/cwt	10.50	12.50	12.80
Marketings <sup>2</sup> .....1,000 cwt	12,218	10,545	7,296
Rice, medium and short			
California			
Average price .....dollars/cwt	20.80	18.00	18.60
Other States <sup>3</sup>			
Average price .....dollars/cwt	12.40	11.80	11.70
United States			
Average price .....dollars/cwt	17.30	15.40	16.00
Marketings <sup>2</sup> .....1,000 cwt	3,201	3,193	2,939

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

<sup>2</sup> Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

<sup>3</sup> Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

**Prices Received for Hay by Type – States and United States: April 2020 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	April 2019	March 2020	April 2020	April 2019	March 2020	April 2020	April 2019	March 2020	April 2020
	(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)
Arizona .....	220.00	200.00	195.00	220.00	200.00	195.00	200.00	200.00	190.00
California .....	222.00	200.00	192.00	230.00	200.00	200.00	180.00	145.00	150.00
Colorado .....	227.00	225.00	229.00	230.00	225.00	230.00	220.00	225.00	225.00
Idaho .....	155.00	149.00	159.00	155.00	150.00	160.00	160.00	140.00	140.00
Illinois .....	165.00	173.00	173.00	175.00	185.00	185.00	135.00	125.00	130.00
Iowa .....	151.00	111.00	113.00	155.00	116.00	121.00	137.00	94.00	93.00
Kansas .....	146.00	115.00	121.00	171.00	132.00	135.00	97.00	95.00	104.00
Kentucky .....	167.00	152.00	154.00	220.00	205.00	205.00	150.00	130.00	130.00
Michigan .....	170.00	157.00	152.00	185.00	175.00	170.00	140.00	120.00	110.00
Minnesota .....	174.00	128.00	122.00	186.00	139.00	139.00	135.00	90.00	87.00
Missouri .....	132.00	118.00	119.00	155.00	155.00	155.00	125.00	110.00	110.00
Montana .....	147.00	135.00	130.00	150.00	135.00	130.00	135.00	135.00	130.00
Nebraska .....	106.00	103.00	103.00	115.00	113.00	111.00	89.00	82.00	89.00
Nevada .....	180.00	179.00	183.00	180.00	180.00	185.00	180.00	175.00	170.00
New Mexico .....	234.00	220.00	215.00	245.00	220.00	220.00	165.00	190.00	190.00
New York .....	167.00	169.00	164.00	186.00	243.00	223.00	166.00	145.00	145.00
North Dakota .....	87.00	78.00	87.00	90.00	82.00	90.00	71.00	66.00	67.00
Ohio .....	151.00	171.00	171.00	185.00	200.00	200.00	125.00	145.00	140.00
Oklahoma .....	132.00	105.00	95.00	206.00	157.00	160.00	123.00	90.00	85.00
Oregon .....	197.00	186.00	186.00	200.00	195.00	195.00	190.00	160.00	160.00
Pennsylvania .....	200.00	168.00	163.00	230.00	265.00	241.00	196.00	157.00	152.00
South Dakota .....	114.00	90.00	95.00	117.00	96.00	102.00	103.00	77.00	81.00
Texas .....	148.00	140.00	138.00	210.00	187.00	187.00	133.00	130.00	130.00
Utah .....	184.00	180.00	174.00	185.00	180.00	175.00	150.00	130.00	125.00
Washington .....	187.00	189.00	188.00	190.00	200.00	195.00	180.00	165.00	175.00
Wisconsin .....	186.00	174.00	163.00	193.00	180.00	171.00	165.00	153.00	136.00
Wyoming .....	172.00	179.00	176.00	175.00	185.00	180.00	145.00	145.00	150.00
United States .....	184.00	158.00	161.00	198.00	175.00	181.00	158.00	130.00	124.00

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

State	April 2019	March 2020	April 2020
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California .....	235.00	215.00	220.00
Idaho .....	170.00	170.00	170.00
Michigan .....	190.00	190.00	185.00
Minnesota .....	236.00	232.00	225.00
New York .....	222.00	256.00	256.00
Pennsylvania .....	288.00	338.00	340.00
Texas .....	255.00	219.00	218.00
Wisconsin .....	252.00	260.00	245.00
5-State Total <sup>1 2</sup> .....	219.00	205.00	209.00

<sup>1</sup> 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).

<sup>2</sup> For March 2020, includes California, Idaho, New York, Texas, and Wisconsin. For April 2020, includes California, Idaho, New York, Texas, and Wisconsin.



**Prices Received for Citrus Fruits by Utilization – United States: April 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 .....	29.00	16.42	20.93	7.76	13.51	18.40	4.11
Lemons .....	40.50	19.45	30.27	(D)	13.38	23.62	(D)
Oranges .....	27.20	14.24	17.04	13.39	11.23	14.19	10.34

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

**Prices Received for Citrus Fruits by Utilization – United States: March 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 .....	31.50	12.26	21.12	6.32	9.73	18.85	3.61
Lemons .....	38.20	16.81	27.77	(D)	10.64	20.99	(D)
Oranges .....	26.80	12.98	16.43	11.69	9.97	13.54	8.64

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

**Prices Received for Citrus Fruits by Utilization – United States: April 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 .....	(D)	13.92	(D)	(D)	11.26	(D)	(D)
Lemons .....	38.50	17.08	28.07	(D)	10.91	21.29	(D)
Oranges .....	28.70	14.10	18.29	12.63	11.09	15.38	9.58

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

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

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

State	April 2019		March 2020		April 2020	
	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)
Arizona .....	16.90	3.67	17.10	3.75	13.90	3.73
California .....	17.40	3.84	17.60	3.89	14.20	3.91
Colorado .....	18.00	3.78	18.60	3.86	15.80	3.83
Florida .....	20.80	3.60	22.10	3.67	19.70	3.65
Georgia .....	18.70	3.59	20.10	3.72	17.40	3.66
Idaho .....	17.20	3.94	17.30	4.04	14.70	4.06
Illinois .....	17.90	3.91	18.30	3.97	13.90	3.95
Indiana .....	17.30	3.82	18.00	3.95	14.10	3.91
Iowa .....	18.20	3.93	19.00	4.06	14.00	4.01
Kansas .....	16.50	3.87	16.40	4.05	12.80	4.05
Michigan .....	16.40	3.84	16.60	3.85	13.00	3.83
Minnesota .....	18.30	4.03	18.20	4.07	14.00	4.05
New Mexico .....	16.10	3.71	15.40	3.84	11.90	3.75
New York .....	18.20	3.90	18.50	3.95	14.70	3.94
Ohio .....	17.70	3.91	18.90	3.97	14.80	3.93
Oregon .....	20.20	4.07	20.10	4.09	17.60	4.03
Pennsylvania .....	18.40	3.84	18.90	3.96	15.30	3.93
South Dakota .....	19.10	4.24	19.00	4.29	15.30	4.25
Texas .....	18.10	4.12	18.30	4.25	14.70	4.19
Utah .....	17.40	3.89	17.80	4.02	15.20	3.97
Vermont .....	18.50	3.98	19.00	3.96	15.50	3.97
Virginia .....	18.40	3.74	19.80	3.87	17.70	3.82
Washington .....	18.00	4.07	18.00	4.09	14.50	4.03
Wisconsin .....	17.90	3.89	18.10	3.94	14.00	3.91
United States .....	17.70	3.89	18.00	3.96	14.40	3.94

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

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

State	April 2019	January 2020	April 2020
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,300	1,450	1,350
California .....	1,100	1,400	1,300
Colorado .....	1,200	1,300	1,250
Florida .....	1,200	1,350	1,310
Georgia .....	1,200	1,310	1,310
Idaho .....	1,200	1,350	1,250
Illinois .....	1,170	1,260	1,200
Indiana .....	1,100	1,220	1,220
Iowa .....	1,090	1,200	1,170
Kansas .....	1,300	1,400	1,350
Michigan .....	1,180	1,260	1,300
Minnesota .....	1,060	1,140	1,100
New Mexico .....	1,200	1,400	1,350
New York .....	1,090	1,190	1,190
Ohio .....	1,000	1,200	1,170
Oregon .....	1,200	1,300	1,150
Pennsylvania .....	1,090	1,210	1,170
South Dakota .....	1,170	1,280	1,230
Texas .....	1,250	1,400	1,350
Utah .....	1,100	1,250	1,150
Vermont .....	1,120	1,290	1,300
Virginia .....	980	1,160	1,160
Washington .....	1,150	1,250	1,200
Wisconsin .....	1,130	1,260	1,250
United States .....	1,140	1,300	1,250

## Commodity Parity Prices and Price as Percent of Parity Price – United States: April 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		
		April 2019	March 2020	April 2020	April 2019	March 2020	April 2020
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
<b>Basic commodities</b>							
All wheat .....bushel	0.558	17.20	16.60	16.40	29	29	30
Rice .....cwt	1.29	40.30	38.40	37.90	30	34	36
Corn .....bushel	0.433	13.20	12.90	12.70	27	29	26
<b>Cotton</b>							
Upland ..... pound	0.070	2.07	2.08	2.06	34	28	27
American Pima ..... pound	0.140	4.09	4.16	4.12	28	28	28
Peanuts ..... pound	0.023	0.691	0.684	0.676	29	30	30
Small chickpeas <sup>1</sup> .....cwt	2.40	72.70	71.40	70.60	32	25	18
Large chickpeas <sup>1</sup> .....cwt	3.12	98.00	92.80	91.80	23	19	18
Lentils <sup>1</sup> .....cwt	2.39	76.90	71.10	70.30	21	30	21
<b>Designated non-basic</b>							
All milk, to plants <sup>2</sup> .....cwt	1.80	52.90	53.50	52.90	35	35	29
Honey, extracted <sup>3</sup> ..... pound	0.191	5.59	5.68	5.62	39	38	39
<b>Wool and mohair</b>							
Wool ..... pound	0.149	4.21	4.43	4.38	42	43	43
Mohair ..... pound	0.457	12.80	13.60	13.40	41	47	48
<b>Other non-basic</b>							
Apples, fresh <sup>4</sup> ..... pound	0.036	1.050	1.070	1.060	36	54	54
Barley .....bushel	0.495	15.10	14.70	14.60	32	33	32
Canola .....cwt	1.87	56.50	55.60	55.00	28	28	28
Cottonseed .....ton	19.50	607.00	580.00	573.00	29	36	37
Dry edible beans .....cwt	3.11	96.20	92.50	91.50	27	40	41
Flaxseed .....bushel	1.09	32.80	32.40	32.10	30	33	29
Oats .....bushel	0.290	8.65	8.62	8.53	35	34	36
Potatoes, fresh .....cwt	1.07	33.40	31.80	31.50	34	50	46
Sorghum grain .....cwt	0.736	22.30	21.90	21.60	24	27	27
Soybeans .....bushel	1.06	32.80	31.50	31.20	25	27	27
Sunflower, all .....cwt	2.07	63.10	61.60	60.90	28	33	33
<b>Citrus (equivalent on-tree)</b>							
Grapefruit .....box	0.837	22.20	24.90	24.60	61	39	46
Lemons .....box	1.87	56.20	55.60	55.00	24	19	20
Oranges .....box	1.010	27.30	30.00	29.70	41	33	37
<b>Livestock and poultry</b>							
Beef cattle .....cwt	11.90	352.00	354.00	350.00	36	32	31
Broilers ..... pound	0.052	1.56	1.55	1.53	35	28	15
Calves .....cwt	17.30	511.00	515.00	509.00	34	31	30
Eggs <sup>2</sup> .....dozen	0.101	3.07	3.00	2.97	23	46	39
Hogs .....cwt	5.72	171.00	170.00	168.00	35	28	25
Turkeys, live ..... pound	0.066	1.980	1.960	1.940	28	34	35

<sup>1</sup> Parity prices began January 2015.

<sup>2</sup> Seasonally adjusted price as percentage of parity price.

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

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

## Commodity Parity Prices – United States: April 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		
		April 2019	March 2020	April 2020
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Field crops and miscellaneous</b>				
Hops .....	0.422	12.20	12.60	12.40
Mustard seed .....	3.15	99.20	93.70	92.60
Rapeseed .....	2.64	81.40	78.50	77.60
Rye .....	0.628	18.80	18.70	18.50
Safflower .....	2.19	67.30	65.10	64.40
Spearmint oil .....	1.75	52.00	52.00	51.50
Sweet potatoes .....	2.01	62.20	59.80	59.10
<b>Tobacco</b>				
Flue-cured, 11-14 .....	0.187	5.56	5.56	5.50
Fire-cured, 21-23 .....	0.257	7.63	7.64	7.56
Burley, 31 .....	0.184	5.44	5.47	5.41
Maryland, 32 .....	0.173	5.14	5.15	5.09
Dark air-cured, 35-37 .....	0.229	6.85	6.81	6.73
Pennsylvania seedleaf, 41 .....	0.201	5.89	5.98	5.91
<b>Non-citrus fruit</b>				
Apples, processing <sup>1 2</sup> .....	20.30	607.00	604.00	597.00
<b>Apricots</b>				
Fresh <sup>3</sup> .....	128.00	3,640.00	3,810.00	3,760.00
Dried (California) .....	313.00	9,410.00	9,310.00	9,210.00
Avocados <sup>2 3</sup> .....	198.00	6,010.00	5,890.00	5,820.00
<b>Cherries</b>				
Sweet .....	210.00	6,460.00	6,250.00	6,180.00
Tart <sup>2</sup> .....	0.030	0.962	0.892	0.882
Cranberry <sup>2 4</sup> .....	3.55	116.00	106.00	104.00
Dates (California) <sup>3</sup> .....	184.00	4,780.00	5,470.00	5,410.00
<b>Grapes (California)</b>				
Raisin variety <sup>5</sup> .....	147.00	4,420.00	4,370.00	4,320.00
Wine, processing .....	75.90	2,160.00	2,260.00	2,230.00
Kiwifruit <sup>2</sup> .....	105.00	3,160.00	3,120.00	3,090.00
Nectarines, fresh (California) <sup>3</sup> .....	78.50	2,190.00	2,330.00	2,310.00
Olives, canning (California) <sup>4</sup> .....	111.00	3,190.00	3,300.00	3,260.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: April 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		
		April 2019	March 2020	April 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) .....pound	0.045	1.26	1.34	1.32
Peaches				
Fresh <sup>4 6</sup> ..... ton	103.00	2,920.00	3,060.00	3,030.00
Dried (California) <sup>1 5</sup> ..... ton	43.30	1,300.00	1,290.00	1,270.00
Processing, excludes dried				
Clingstone (California) <sup>4</sup> ..... ton	39.20	1,140.00	1,170.00	1,150.00
Pears, Fresh <sup>6</sup> ..... ton	63.90	1,910.00	1,900.00	1,880.00
Plums (California) equivalent on-tree				
Fresh <sup>7</sup> ..... ton	74.50	2,060.00	2,220.00	2,190.00
Prunes, dried (California) <sup>1 2 5</sup> ..... ton	178.00	5,140.00	5,290.00	5,230.00
Strawberries				
Fresh <sup>10</sup> .....pound	9.82	289.00	292.00	289.00
Processing .....pound	3.74	109.00	111.00	110.00
Sugar crops				
Sugarbeets <sup>2 8</sup> ..... ton	4.91	153.00	146.00	144.00
Sugarcane <sup>2 8</sup> ..... ton	3.50	105.00	104.00	103.00
Tree nuts <sup>9</sup>				
Almonds .....pound	0.253	7.27	7.52	7.44
Hazelnuts ..... ton	237.00	7,090.00	7,050.00	6,970.00
Pistachios .....pound	0.244	7.15	7.26	7.18
Walnuts ..... ton	236.00	7,120.00	7,020.00	6,940.00
Vegetables, fresh <sup>10</sup>				
Carrots <sup>11</sup> .....cwt	2.82	83.80	83.90	82.90
Cauliflower <sup>11</sup> .....cwt	4.66	138.00	139.00	137.00
Celery <sup>11</sup> .....cwt	2.05	59.50	61.00	60.30
Honeydew melons .....cwt	2.04	60.70	60.70	60.00
Lettuce .....cwt	2.52	73.00	74.90	74.10
Onions <sup>11</sup> .....cwt	1.41	42.40	41.90	41.50
Tomatoes .....cwt	4.01	122.00	119.00	118.00

<sup>1</sup> Equivalent returns at processing plant door.

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

<sup>3</sup> Equivalent returns at packinghouse door.

<sup>4</sup> Equivalent returns for bulk fruit at first delivery point.

<sup>5</sup> Dried basis.

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

<sup>7</sup> Based on "as sold" prices for fresh fruit in all states.

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

<sup>9</sup> Prices In-Shell basis except almonds which are shelled basis.

<sup>10</sup> FOB shipping point price.

<sup>11</sup> Includes some processing.

## Marketing Year for Specified Commodities

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

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

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

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

## Tobacco Market Year Average Prices Received – States and United States: Marketing Years 2017-2019

State	2017	2018	2019
	(Dollars per Pound)	(Dollars per Pound)	(Dollars per Pound)
Georgia .....	2.000	1.980	1.930
Kentucky .....	2.135	2.219	2.150
North Carolina .....	2.000	1.910	1.870
Pennsylvania .....	2.042	2.034	2.555
South Carolina .....	1.970	1.980	1.830
Tennessee .....	2.333	2.491	2.477
Virginia .....	2.047	2.021	1.925
United States .....	2.058	2.051	2.009

**Tobacco Market Year Average Prices Received by Class and Type – States and United States:  
Marketing Years 2017-2019**

Class and Type	2017 (Dollars per Pound)	2018 (Dollars per Pound)	2019 (Dollars per Pound)
<b>Class 1, Flue-cured (11-14)</b>			
Georgia .....	2.000	1.980	1.930
North Carolina .....	2.000	1.910	1.870
South Carolina .....	1.970	1.980	1.830
Virginia .....	2.050	2.020	1.920
United States .....	2.004	1.933	1.876
<b>Class 2, Fire-cured (21-23)</b>			
Kentucky .....	2.690	2.700	2.730
Tennessee .....	2.720	2.770	2.740
Virginia .....	2.260	2.340	2.250
United States .....	2.696	2.724	2.728
<b>Class 3A, Light air-cured</b>			
<b>Type 31, Burley</b>			
Kentucky .....	1.940	1.960	1.880
North Carolina .....	1.940	1.980	2.000
Pennsylvania .....	2.010	2.050	2.100
Tennessee .....	1.860	1.880	1.840
Virginia .....	1.920	1.930	1.890
United States .....	1.935	1.960	1.894
<b>Type 32, Southern Maryland Belt</b>			
Pennsylvania .....	1.800	1.800	1.890
United States .....	1.800	1.800	1.890
<b>Total light air-cured (31-32)</b>	1.932	1.956	1.894
<b>Class 3B, Dark air-cured (35-37)</b>			
Kentucky .....	2.390	2.420	2.430
Tennessee .....	2.430	2.360	2.390
United States .....	2.398	2.403	2.419
<b>Class 4, Cigar filler</b>			
<b>Type 41, Pennsylvania Seedleaf</b>			
Pennsylvania .....	2.360	2.140	3.370
United States .....	2.360	2.140	3.370
<b>All tobacco</b>			
United States .....	2.058	2.051	2.009

## Reliability of Prices Received Estimates

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

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

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

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

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

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

Modifications implemented January 2014 include the following: updated the current 1990-1992 base reference period to 2011; linked the 1910-1914 series to the updated base reference period, 2011; created index groups used universally by researchers, data users, and policymakers; and re-classified agricultural commodities into the index groups. Also the modifications expanded the commodity coverage for vegetable, melon, non-citrus, and tree nuts; updated monthly market weights; and adjusted (normalized) current five year moving average cash receipts and farm input cost weights.

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

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

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



## April Prices Paid by Farmers

The April Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 108.7, is down 1.1 percent from March 2020 and 2.3 percent from April 2019.

**Production:** The April index, at 104.3, is down 1.4 percent from March and 3.8 percent from last year. Lower prices for feeder cattle, feeder pigs, diesel, and feed grains more than offset higher prices for complete feeds, LP gas, concentrates, and supplements.

**Feed:** At 103.2, the April index increased 0.2 percent from March and 0.1 percent from last April. Since March, higher prices for complete feeds, concentrates, supplements, and hay and forages more than offset lower prices for feed grains.

**Livestock and poultry:** The April index, at 88.9, decreased 9.8 percent from March and 21 percent from last April. Prices for feeder cattle, feeder pigs, and milk cows are lower than the previous month. The April feeder cattle price, at \$126.00 per cwt, is down \$10.00 per cwt from March. The feeder pigs April price, at \$56.00 per cwt, is down \$71.00 per cwt from last month.

**Fertilizer:** The index for April, at 71.9, is up 0.1 percent from March and 3.3 percent from April a year ago. Since March, prices for mixed fertilizer are high. Prices for nitrogen, potash and phosphate are unchanged.

**Chemicals:** The April index, at 94.6, is down 3.4 percent from March and 7.3 percent from last April.

**Fuels:** At 63.5, the April index is down 6.6 percent from March and 13 percent from April 2019. Compared with March, prices are lower for diesel and gasoline but higher for LP gas.

**Machinery:** The index for April, at 123.4, increased 0.1 percent from March but decreased 1.4 percent from last April. Compared with last month, prices are higher for other machinery but lower for self-propelled machinery.

**Consumer Price Index:** The April 2020 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 0.3 percent over the last 12 months to an index level of 256.389 (1982-1984=100). For the month, the index decreased 0.7 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: April 2020 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group and Ratios	1910-1914 Base			2011 Base		
	April 2019	March 2020	April 2020	April 2019	March 2020	April 2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	3011	2975	2941	111.3	109.9	108.7
Production .....	2256	2203	2171	108.4	105.8	104.3
Feed .....	1136	1135	1137	103.1	103.0	103.2
Livestock and poultry .....	2212	1946	1755	112.0	98.6	88.9
Seeds .....	3800	3723	3723	115.6	113.3	113.3
Fertilizer .....	838	864	865	69.6	71.8	71.9
Chemicals .....	916	879	849	102.1	97.9	94.6
Fuels .....	2045	1903	1775	73.1	68.0	63.5
Supplies and repairs .....	1349	1365	1366	114.4	115.8	115.8
Autos and trucks .....	3278	3261	3261	106.6	106.1	106.1
Machinery .....	7647	7535	7543	125.1	123.3	123.4
Building materials .....	2754	2776	2767	118.4	119.3	118.9
Services and rent .....	2472	2478	2478	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	116.4	116.0	116.0
Rent .....	(NA)	(NA)	(NA)	116.5	117.8	117.8
Interest <sup>1</sup> .....	4205	4307	4307	115.3	118.1	118.1
Taxes <sup>2</sup> .....	7000	7095	7095	117.9	119.5	119.5
Wage rates .....	9414	9612	9612	131.5	134.2	134.2
Family living-CPI <sup>3</sup> .....	2428	2452	2436	113.6	114.8	114.0
Production, interest, taxes, and wage rates (PITW) .....	3127	3078	3040	110.9	109.1	107.8
Ratio (received/paid) .....	(NA)	(NA)	(NA)	85	85	78
Parity ratio <sup>4</sup> .....	32	32	30	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	34	33	31	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1679	1702	1696	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	111.6	111.2	110.7
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	110.9	108.6	106.6
Farm sector (production) .....	(NA)	(NA)	(NA)	108.5	103.4	100.3
Non-farm sector (production) .....	(NA)	(NA)	(NA)	108.3	107.3	106.7

(NA) Not available.

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

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

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

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

<sup>5</sup> Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is updated annually.

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

## Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: April 2020 with Comparisons

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

Index Group	Relative weights		Indexes (2011=100)		
	2019	2020	April 2019	March 2020	April 2020
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	73.2	72.9	108.4	105.8	104.3
Feed .....	12.8	13.3	103.1	103.0	103.2
Feed grains .....	1.8	1.9	59.4	62.1	56.6
Complete feeds .....	6.3	6.5	106.6	109.1	110.4
Hay and forages .....	1.6	1.7	120.3	103.2	103.4
Concentrates .....	2.0	2.1	113.3	115.6	116.5
Supplements .....	1.1	1.1	112.8	113.3	114.7
Livestock and poultry .....	8.8	9.2	112.0	98.6	88.9
Feeder cattle .....	6.8	7.2	108.9	99.0	92.2
Feeder pigs .....	0.7	0.7	173.6	90.7	40.0
Milk cow replacements .....	0.7	0.7	80.3	91.5	88.0
Poultry .....	0.5	0.6	113.1	113.1	113.1
Seeds .....	5.4	5.1	115.6	113.3	113.3
Field crops .....	4.9	4.6	114.0	112.0	112.0
Grasses and legumes .....	0.5	0.5	131.8	125.4	125.4
Fertilizer .....	5.0	5.1	69.6	71.8	71.9
Mixed fertilizer .....	2.2	2.2	71.6	71.5	71.7
Nitrogen .....	2.1	2.1	70.2	73.5	73.5
Potash and phosphate .....	0.7	0.7	61.7	67.4	67.4
Chemicals .....	3.6	3.5	102.1	97.9	94.6
Herbicides .....	2.2	2.2	102.6	99.6	96.2
Insecticides .....	0.8	0.8	102.1	92.2	89.1
Fungicides and other .....	0.5	0.5	99.3	99.7	96.3
Fuels .....	2.8	3.2	73.1	68.0	63.5
Diesel .....	1.8	2.0	71.8	66.7	60.9
Gasoline .....	0.6	0.7	78.5	69.2	57.6
LP gas .....	0.5	0.5	71.3	71.6	80.2
Supplies and repairs .....	4.6	4.6	114.4	115.8	115.8
Supplies .....	1.5	1.5	114.8	116.6	116.7
Repairs .....	3.1	3.0	114.2	115.3	115.3
Autos and trucks .....	1.3	1.2	106.6	106.1	106.1
Autos .....	0.2	0.2	100.9	100.9	100.6
Trucks .....	1.1	1.1	107.5	106.9	106.9
Machinery .....	5.3	4.7	125.1	123.3	123.4
Tractors .....	1.2	1.0	109.3	112.0	112.0
Self-propelled .....	2.1	1.9	131.0	126.4	126.3
Other machinery .....	2.0	1.8	127.8	126.5	127.0
Building materials .....	4.1	4.0	118.4	119.3	118.9
Services .....	11.7	11.9	116.4	116.0	116.0
Custom rates .....	1.2	1.2	118.4	118.4	118.4
Other services .....	10.5	10.7	116.1	115.8	115.8
Rent .....	7.8	7.1	116.5	117.8	117.8
Cash .....	4.2	3.8	123.3	124.7	124.7
Share .....	3.6	3.3	108.6	109.7	109.7
Interest .....	2.6	2.6	115.3	118.1	118.1
Taxes .....	3.2	3.1	117.9	119.5	119.5
Wage rates .....	7.2	7.4	131.5	134.2	134.2
Family living-CPI .....	13.9	14.0	113.6	114.8	114.0

## Feed Price Ratios – United States: April 2020 with Comparisons

Feed price ratio <sup>1</sup>	April 2019	March 2020	April 2020
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	5.8	4.4	2.4
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	4.6	18.7	10.1
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	16.8	13.0	12.9
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	2.11	2.23	1.84
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	36.3	31.0	33.7
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	6.3	7.4	7.9

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

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

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

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

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

## Prices Received Used to Calculate Feed Price Ratios – United States: April 2020 with Comparisons

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

Item	April 2019	March 2020	April 2020
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.550	0.430	0.226
Eggs, market .....dozen	0.373	1.58	0.797
Hogs, all .....cwt	59.40	47.70	42.30
Milk, all .....cwt	17.70	18.00	14.40
Steers and heifers .....cwt	128.00	114.00	111.00
Turkeys, live .....pound	0.556	0.664	0.677
Corn .....bushel	3.53	3.68	3.29
Hay, alfalfa .....ton	198.00	175.00	181.00
Soybeans .....bushel	8.28	8.46	8.35
Wheat, all .....bushel	4.93	4.86	4.84

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

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

Item	April 2019	March 2020	April 2020
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	149.00	136.00	126.00
Feeder pigs .....cwt	243.00	127.00	56.00

## Feed Ratios Monthly and Annual Average – United States: 2015-2020

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

Year	Broiler <sup>1</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	5.4	5.0	5.4	6.0	6.2	5.9	4.7	4.4	4.2	4.1	4.3	4.7	5.0
2016	5.1	4.8	5.0	5.1	5.3	5.1	4.7	4.3	4.2	3.7	4.4	4.7	4.7
2017	4.7	4.6	5.3	5.7	6.6	6.7	6.1	5.5	5.1	4.9	5.0	5.1	5.4
2018	5.3	5.1	5.7	6.1	6.7	7.0	6.7	5.2	4.8	4.8	5.2	5.3	5.7
2019	5.8	5.1	5.3	5.8	6.1	5.4	4.8	4.3	4.0	4.1	4.1	4.5	4.9
2020	4.9	4.2	4.4	2.4									4.0
Year	Market Egg <sup>2</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	11.3	12.1	15.3	9.6	18.2	21.9	19.6	26.5	20.7	14.7	22.8	12.2	17.1
2016	11.4	10.2	8.8	4.6	2.7	2.5	4.0	4.4	3.8	2.6	3.7	12.1	5.9
2017	6.7	4.3	6.4	4.4	4.2	4.5	6.8	6.1	10.9	8.3	15.3	14.4	7.7
2018	11.6	12.8	22.1	11.2	6.8	9.3	10.5	11.0	8.6	8.5	11.7	11.7	11.3
2019	9.5	8.3	7.6	4.6	2.3	5.1	2.5	7.6	5.0	4.7	13.0	8.3	6.5
2020	5.6	7.4	18.7	10.1									10.4
Year	Turkey <sup>3</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	6.3	6.6	6.8	7.1	7.9	8.4	8.5	9.4	10.0	10.6	10.2	9.8	8.5
2016	8.7	9.0	9.0	9.2	8.8	8.9	9.3	9.5	10.3	9.9	9.3	8.4	9.2
2017	7.6	7.3	7.5	7.5	7.7	7.4	7.3	7.2	6.9	7.1	6.5	6.0	7.2
2018	5.7	5.5	5.2	5.2	5.1	5.3	5.7	5.8	5.9	5.7	6.0	5.5	5.5
2019	5.6	5.8	5.9	6.3	6.1	6.1	6.2	6.6	7.0	7.0	7.5	6.9	6.4
2020	6.7	7.0	7.4	7.9									7.3
Year	Milk <sup>4</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	2.10	2.06	2.01	2.00	1.99	2.06	2.00	2.11	2.25	2.30	2.46	2.29	2.14
2016	2.18	2.18	2.12	1.99	1.90	1.92	2.16	2.44	2.49	2.38	2.59	2.73	2.26
2017	2.71	2.61	2.40	2.22	2.20	2.31	2.27	2.50	2.46	2.48	2.54	2.38	2.42
2018	2.20	2.03	1.98	1.90	1.90	1.97	1.93	2.06	2.13	2.22	2.21	2.07	2.05
2019	2.06	2.07	2.14	2.11	2.10	2.08	2.16	2.26	2.33	2.41	2.62	2.55	2.24
2020	2.41	2.34	2.23	1.84									2.20
Year	Hog-Corn <sup>5</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	15.0	13.3	13.2	13.1	16.2	16.7	15.4	16.0	14.8	15.1	12.8	11.7	14.4
2016	11.9	13.9	14.0	14.3	15.5	15.9	16.5	16.4	14.8	12.7	12.0	13.0	14.2
2017	14.1	15.8	15.2	14.1	15.5	18.1	19.3	18.8	15.0	14.5	15.9	15.0	15.9
2018	16.0	16.2	14.2	12.7	14.0	16.5	16.9	13.2	12.7	14.7	13.5	12.3	14.4
2019	12.5	12.1	12.9	16.8	17.2	14.9	13.6	14.9	12.6	12.8	13.0	12.7	13.8
2020	12.6	12.0	13.0	12.9									12.6
Year	Steer & Heifer-Corn <sup>6</sup>												Average
	January	February	March	April	May	June	July	August	September	October	November	December	
2015	43.5	42.5	42.5	43.7	44.2	43.5	39.5	40.5	38.0	35.1	36.5	33.7	40.3
2016	36.1	37.4	38.5	37.4	35.1	33.2	33.3	36.8	33.9	31.0	32.7	34.0	34.9
2017	35.0	35.2	36.4	37.9	40.0	38.8	34.7	35.2	32.7	34.0	38.4	37.2	36.3
2018	37.4	37.6	36.2	34.1	33.2	31.6	32.3	33.3	32.4	32.7	33.7	33.6	34.0
2019	34.8	35.0	35.7	36.3	33.6	28.9	27.2	28.5	27.4	28.4	31.3	32.3	31.6
2020	33.0	32.3	31.0	33.7									32.5

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

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

<sup>3</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed ration uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

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

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

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

## Reliability of Prices Paid Estimates

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

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

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

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

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

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

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

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

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

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

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

## Information Contacts

### General

Herman Ellison, Chief, Environmental, Economics, and Demographics Branch ..... (202) 720-6146

### Crop Prices Received

Lance Honig, Chief, Crops Branch ..... (202) 720-2127

Chris Hawthorn, Head, Field Crops Section ..... (202) 720-2127

Greg Lemmons – Corn, Flaxseed, Proso Millet ..... (202) 720-9526

James Johanson – Barley, Hay ..... (202) 690-8533

Joshua Bates – Oats, Soybeans ..... (202) 690-3234

John Stephens – Peanuts, Rice ..... (202) 720-7688

Jean Porter – Rye, Wheat ..... (202) 720-8068

Chris Hawthorn – Cotton, Cotton Ginnings, Sorghum ..... (202) 720-2127

Travis Thorson – Canola, Mustard Seed, Rapeseed, Safflower, Sunflower ..... (202) 720-7369

Jorge Garcia-Pratts, Head, Fruits, Vegetables, and Special Crops Section ..... (202) 720-2127

Fleming Gibson – Almonds, Apples, Apricots, Asparagus, Carrots, Coffee, Onions, Plums,  
Prunes, Sweet Corn, Tobacco ..... (202) 720-5412

Fleming Gibson – Cauliflower, Celery, Grapefruit, Lemons, Macadamia,  
Mandarins and tangerines, Mushrooms, Olives, Oranges ..... (202) 720-5412

Heidi Lanouette – 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,  
Nectarines, Papayas, Peaches, Snap Beans, Spinach, Walnuts, Watermelon ..... (202) 720-3250

Krishna Rizal – Dry beans, Garlic, Hazelnuts, Honeydews, Kiwifruit, Lettuce, Maple Syrup,  
Mint, Pears, Sweet Cherries, Tart Cherries, Tomatoes ..... (202) 720-2157

Dawn Smoker – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates,  
Floriculture, Grapes, Hops, Pecans ..... (202) 720-4215

### Livestock Prices Received

Travis Averill, Chief, Livestock Branch ..... (202) 692-0069

Scott Hollis, Head, Livestock Section ..... (202) 690-2424

Holly Brenize – Sheep and Goats ..... (202) 720-0585

Heidi Lanouette – Cattle and Cattle on Feed ..... (202) 720-3040

Mike Miller – Milk, Milk Cows ..... (202) 720-3278

Seth Riggins – Hogs and Pigs ..... (202) 720-3106

Tony Dorn, Head, Poultry and Specialty Commodities Section ..... (202) 690-3223

Fatema Haque – Turkeys ..... (202) 720-3244

Kim Linonis – Eggs ..... (202) 690-3676

Adam Peters – Honey ..... (202) 690-3237

Takiyah Walker - Broilers ..... (202) 720-6147

### Indexes, Prices Paid, and Parity Prices

Herman Ellison, Chief, Environmental, Economics, and Demographics Branch ..... (202) 720-6146

Bruce Boess, Head, Economics Section ..... (202) 720-4447

Eric Barnes – Prices Received Indexes, Parity Prices ..... (202) 690-3225

Kuan Chen – Prices Received Indexes, Parity Prices, Prices Paid Indexes, Prices Paid for Feed,  
Fertilizer, Chemicals, Seeds, Fuels, Farm Supplies and Repairs, Farm Machinery, Feeder Livestock,  
Poultry Chicks, Feed Price Ratios ..... (202) 690-3347

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

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

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

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## Price Program Links

Economics and Prices

[http://www.nass.usda.gov/Statistics\\_by\\_Subject/Economics\\_and\\_Prices/index.php](http://www.nass.usda.gov/Statistics_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](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](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](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](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateFeb2016.pdf)