



Agricultural Prices

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March Prices Received Index Up 3.1 Percent

The March Prices Received Index 2011 Base (Agricultural Production), at 93.3, increased 3.1 percent from February but was unchanged from March 2019. At 88.7, the Crop Production Index was up 3.1 percent from last month and up 1.1 percent from the previous year. The Livestock Production Index, at 97.4, increased 2.9 percent from February, but decreased 0.7 percent from March last year. Producers received higher prices during March for market eggs, lettuce, broilers, and hogs but lower prices for cattle, milk, corn, and lemons. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In March, there was increased monthly movement for strawberries, cattle, milk, and calves and decreased marketing of cotton, apples, and soybeans.

March Prices Paid Index Down 0.9 Percent

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.9, is down 0.9 percent from February 2020 and 0.7 percent from March 2019. Lower prices in March for feeder cattle, LP gas, feeder pigs, and field crops more than offset higher prices for potash and phosphate, mixed fertilizer, nitrogen, and supplements.

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

Index Group	March 2019	February 2020	March 2020
	(percent)	(percent)	(percent)
Prices received by farmers	93.3	90.5	93.3
Prices paid by farmers	110.7	110.9	109.9
Ratio of prices received to prices paid	84	81	85

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March Prices Received by Farmers

Crop production: The March index, at 88.7, is 3.1 percent higher than February and 1.1 percent higher than March 2019. The fruit & tree nut index increase more than offset the other crop, and vegetable & melon index.

Grain and oilseed: The March index, at 65.9, is down 1.6 percent from February but up 0.9 percent from March 2019. Food grain and feed grain index increases offset the lower oilseed index.

Feed grain: The March index, at 61.6, decreased 2.4 percent from last month but increased 1.7 percent from a year ago. The corn price, at \$3.68 per bushel, is down 10 cents from last month but up 7 cents from March 2019.

Food grain: At 77.9, the index for March increased slightly from the previous month and increased 3.0 percent from a year ago. The March price for all wheat, at \$4.86 per bushel, is 2 cents lower than February and 33 cents lower than March 2019. The March price for rice, at \$13.20 per cwt, is 10 cents lower than February but \$1.30 higher than March 2019.

Oilseed: At 68.4, the index for March decreased 1.2 percent from February and decreased 0.3 percent from March 2019. The soybean price, at \$8.46 per bushel, is 13 cents lower than February and 6 cents lower than March a year earlier.

Fruit and tree nut: The March index, at 133.4, is up 9.8 percent from February and up 14 percent from a year earlier. Price increases during March for oranges and grapefruit more than offset price decreases for lemons.

Vegetable and melon: At 134.1, the index for March increased 9.6 percent from the previous month but decreased 6.7 percent from March 2019. Price increases during March for broccoli, celery, and cauliflower more than offset decreases for tomatoes and corn.

Other crop: The March index, at 78.8, is down 1.0 percent from the previous month and down 8.7 percent from March 2019. The all hay price, at \$158.00 per ton, is \$1.00 higher than February but \$15.00 lower than March 2019. At 57.6 cents per pound, the price for upland cotton is 3.1 cents lower than February and 11.3 cents lower than March 2019.

Livestock production: The index for March, at 97.4, increased 2.9 percent from the previous month but decreased 0.7 percent from March a year earlier. Compared with a year ago, prices are lower for broilers, steers and heifers, beef cattle, and calves. Prices are higher for market eggs, turkeys, cows, hogs, and milk.

Meat animal: At 92.8, the March index decreased 3.8 percent from the previous month and decreased 7.8 percent from a year earlier. The March beef cattle price of \$113.00 per cwt is \$7.00 lower than the previous month and \$13.00 lower than March 2019. At \$47.70 per cwt, the March hog price is \$2.20 higher than February and \$1.20 higher than a year earlier.

Dairy: The index for March, at 89.6, is down 4.7 percent from the previous month but up 2.3 percent from March a year ago. The March all milk price of \$18.00 per cwt is 90 cents lower than February but 40 cents higher than March 2019.

Poultry and egg: At 112.2, the March index increased 22 percent from February and increased 10 percent from March 2019. The March market egg price, at \$1.58 per dozen, is 94.0 cents higher than February and 94.1 cents higher than March 2019. The March broiler price, at 43.0 cents per pound, is 1.1 cents higher than February but 8.0 cents lower than a year ago. At 66.4 cents per pound, the March turkey price is 2.0 cents higher than the previous month and 13.2 cents higher than March 2019.

Food Commodities: The index, at 98.7, increased 4.1 percent from the previous month and increased 0.7 percent from March 2019.

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

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

Index Group	2011 Base		
	March 2019	February 2020	March 2020
	(percent)	(percent)	(percent)
Agricultural production	93.3	90.5	93.3
Crop production	87.7	86.0	88.7
Grain and oilseed	65.3	67.0	65.9
Feed grain	60.6	63.1	61.6
Food grain	75.6	77.7	77.9
Oilseed	68.6	69.2	68.4
Fruit and tree nut	116.6	121.5	133.4
Vegetable and melon	143.7	122.4	134.1
Other crop	86.3	79.6	78.8
Livestock production	98.1	94.7	97.4
Meat animal	100.7	96.5	92.8
Cattle	110.3	105.2	99.3
Hog	69.9	68.4	71.7
Dairy	87.6	94.0	89.6
Poultry and egg	102.4	91.9	112.2
Food commodity	98.0	94.8	98.7

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

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

Index Group	1910 - 1914 Base		
	March 2019	February 2020	March 2020
	(percent)	(percent)	(percent)
Agricultural production	962	933	962
Crop production	765	750	773
Livestock production	1139	1100	1131

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	88.8	78.7	82.3	97.8	98.5	93.0	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		85.8		100.5		97.7	
May	92.7		85.0		99.2		96.1	
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	86.0		83.1		90.6		89.3	
November	90.4		85.1		97.2		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	110.5	111.1	107.4	107.5	111.6	111.7	109.3	110.5
February	110.6	110.9	107.5	107.1	111.8	111.7	109.4	110.0
March	110.7	109.9	107.6	105.8	111.6	111.2	109.8	108.5
April	111.3		108.4		111.6		110.9	
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: March 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	March 2019	February 2020	March 2020
Field crops				
Barley, alldollars/bushel	4.79	4.88	4.68	4.89
Feeddollars/bushel	4.59	3.23	3.16	3.55
Maltingdollars/bushel	4.83	5.02	4.78	5.08
Beans, dry edibledollars/cwt	34.60	24.80	36.20	37.00
Canoladollars/cwt	23.10	15.80	15.80	15.50
Chickpeas, alldollars/cwt	35.70	20.80	16.70	17.70
Largedollars/cwt	39.20	20.70	16.80	17.70
Smalldollars/cwt	23.40	23.30	15.90	17.70
Corndollars/bushel	6.02	3.61	3.78	3.68
Cotton, Uplanddollars/pound	0.880	0.689	0.607	0.576
Cottonseeddollars/ton	131.00	(NA)	210.00	(NA)
Flaxseeddollars/bushel	14.20	10.10	10.40	10.70
Hay, all, baleddollars/ton	159.00	173.00	157.00	158.00
Alfalfadollars/ton	176.00	186.00	171.00	175.00
Otherdollars/ton	119.00	154.00	136.00	130.00
Lentilsdollars/cwt	27.50	17.60	17.60	21.20
Oatsdollars/bushel	3.42	2.67	2.73	2.96
Peanuts, in-shelldollars/pound	0.252	0.198	0.205	0.206
Peas, dry edibledollars/cwt	13.60	10.30	9.90	9.56
Rice, alldollars/cwt	13.70	11.90	13.30	13.20
Longdollars/cwt	12.30	10.70	12.50	12.50
Medium and shortdollars/cwt	18.40	17.60	16.10	15.40
Sorghum graindollars/cwt	10.70	5.86	5.86	5.88
Soybeansdollars/bushel	12.50	8.52	8.59	8.46
Sunflowers, alldollars/cwt	29.00	17.80	20.20	20.60
Wheat, alldollars/bushel	7.44	5.19	4.88	4.86
Winterdollars/bushel	6.93	5.16	4.98	4.84
Durumdollars/bushel	9.22	5.05	4.96	5.46
Other springdollars/bushel	8.33	5.23	4.73	4.82
Hard red winterdollars/bushel	7.07	5.02	4.63	4.62
Soft red winterdollars/bushel	6.77	5.11	5.70	5.75
Hard red springdollars/bushel	8.38	5.22	4.70	4.80
Whitedollars/bushel	6.58	5.41	5.65	5.39
Fruits				
Citrus, equivalent on-tree				
Grapefruitdollars/box	7.47	11.44	9.08	9.73
Lemonsdollars/box	12.30	15.54	14.98	10.64
Orangesdollars/box	8.16	11.70	9.65	9.97
Non-citrus, fresh ¹				
Applesdollars/pound	0.325	0.377	0.583	0.577
Grapesdollars/ton	628.00	(S)	(S)	(S)
Peachesdollars/ton	507.00	(S)	(S)	(S)
Pearsdollars/ton	559.00	539.00	1,200.00	1,170.00
Strawberriesdollars/cwt	104.00	114.00	257.00	189.00

(NA) Not available.

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

¹ Beginning February 2020, price reflects FOB shipping point basis

Prices Received for Vegetables and Livestock – United States: March 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	March 2019	February 2020	March 2020
Vegetables, fresh ¹				
Asparagusdollars/cwt	37.50	(S)	(S)	(S)
Beans, snapdollars/cwt	69.00	30.40	48.40	43.20
Broccolidollars/cwt	41.60	62.40	41.00	79.60
Cantaloupesdollars/cwt	16.50	(S)	(S)	(S)
Carrotsdollars/cwt	30.80	29.00	49.70	57.50
Cauliflowerdollars/cwt	47.00	99.70	70.40	102.00
Celerydollars/cwt	22.50	96.00	33.90	55.70
Corn, sweetdollars/cwt	30.70	26.60	38.20	28.60
Cucumbersdollars/cwt	18.70	33.30	(S)	42.00
Lettucedollars/cwt	24.30	52.40	20.60	27.40
Onions ²dollars/cwt	11.90	17.90	19.30	20.60
Potatoesdollars/cwt	14.30	11.30	14.50	15.90
Tomatoesdollars/cwt	51.20	52.20	84.70	57.60
Livestock				
Calvesdollars/cwt	142.00	170.00	168.00	160.00
Cattle, all beefdollars/cwt	115.00	126.00	120.00	113.00
Cows ³dollars/cwt	71.60	62.80	65.80	67.50
Steers and heifersdollars/cwt	117.00	129.00	122.00	114.00
Milk cows ⁴dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, alldollars/cwt	66.50	46.50	45.50	47.70
Barrows and giltsdollars/cwt	66.80	46.50	46.30	48.30
Sowsdollars/cwt	57.90	43.90	26.10	31.50
Dairy and poultry				
Milk, all ⁵dollars/cwt	20.10	17.60	18.90	18.00
Fat testpercent	3.71	3.99	4.01	3.96
Broilers, live ⁶dollars/pound	0.459	0.510	0.419	0.430
Eggs, alldollars/dozen	0.969	0.866	0.893	1.72
Market ⁷dollars/dozen	0.796	0.639	0.640	1.58
Turkeys, live ⁸dollars/pound	0.680	0.532	0.644	0.664
Adjusted for seasonal variation				
Eggs, alldollars/dozen	0.979	0.700	0.874	1.37
Seasonal factorpercent	101	124	102	126
Milk, alldollars/cwt	20.20	18.30	19.50	18.70
Seasonal factorpercent	100	96	97	96

(NA) Not available.

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

¹ Beginning February 2020, price reflects FOB shipping point basis

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 Also referred to as table eggs.

⁸ 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	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		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	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		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: March 2020 with Comparisons

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(S)
Arkansas	(D)	(D)	(S)
California	(D)	(D)	(D)
Colorado	4.89	4.34	4.28
Idaho	5.45	5.28	5.01
Illinois	4.47	(D)	6.19
Indiana	5.21	5.32	5.43
Kansas	4.81	4.42	4.37
Michigan	5.56	5.65	5.66
Minnesota	5.64	4.38	4.76
Missouri	5.24	5.82	5.66
Montana	5.33	4.80	5.01
Nebraska	4.36	4.40	4.30
North Carolina	4.94	5.50	6.39
North Dakota	5.07	4.72	4.75
Ohio	5.15	5.69	5.62
Oklahoma	4.32	4.42	4.49
Oregon	5.91	6.04	6.02
South Dakota	5.12	4.85	4.81
Texas	6.09	5.03	5.24
Washington	5.25	5.75	5.68
United States	5.19	4.88	4.86

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

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

Prices Received for Winter Wheat – States and United States: March 2020 with Comparisons

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(D)	(S)
California	(D)	(D)	(D)
Colorado	4.95	4.34	4.28
Idaho	5.44	5.24	5.03
Illinois	4.47	(D)	6.19
Indiana	5.21	5.32	5.43
Kansas	4.81	4.42	4.37
Michigan	5.56	5.65	5.66
Minnesota ¹	(S)	(NA)	(NA)
Missouri	5.24	5.82	5.66
Montana	5.28	4.82	5.06
Nebraska	4.36	4.40	4.30
North Carolina	4.94	5.50	6.39
North Dakota	4.72	3.13	(D)
Ohio	5.15	5.69	5.62
Oklahoma	4.32	4.42	4.49
Oregon	5.88	6.04	6.02
South Dakota	4.79	4.78	4.60
Texas	6.09	5.03	5.24
Washington	5.10	5.72	5.59
United States	5.16	4.98	4.84

(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: March 2020 with Comparisons

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(S)
California	(S)	(S)	(D)
Idaho	6.16	(D)	(S)
Montana	(D)	4.72	(D)
North Dakota	4.89	4.78	5.63
United States	5.05	4.96	5.46

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

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

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado ¹	(D)	(NA)	(NA)
Idaho	5.42	5.35	4.98
Minnesota	5.64	4.38	4.76
Montana	5.18	4.82	4.96
North Dakota	5.10	4.72	4.58
Oregon ¹	6.03	(NA)	(NA)
South Dakota	5.25	5.00	5.00
Washington	5.73	5.90	6.09
United States	5.23	4.73	4.82

(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: March 2020 with Comparisons

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(S)	(D)	(S)
Iowa	3.80	3.18	4.04
Michigan	3.68	(D)	3.86
Minnesota	2.71	2.64	2.49
Montana	(S)	(S)	(S)
Nebraska	(D)	(D)	(D)
New York	(S)	(D)	(S)
North Dakota	2.49	2.52	2.73
Oregon	(S)	(S)	(S)
Pennsylvania	(D)	4.45	4.50
South Dakota	2.87	2.79	2.75
Texas	(D)	(S)	(S)
Wisconsin	2.92	3.15	3.26
United States	2.67	2.73	2.96

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

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

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(D)	(S)
Colorado	4.68	5.06	4.94
Idaho	5.30	4.83	5.15
Minnesota	4.41	(D)	(D)
Montana	4.65	4.21	4.66
North Dakota	4.37	4.16	4.08
Washington	(D)	(D)	(D)
Wyoming	(D)	(D)	(D)
United States	4.88	4.68	4.89

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

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(S)	(S)
Colorado	4.68	5.08	(D)
Idaho	5.36	(D)	5.19
Minnesota	(D)	(D)	(D)
Montana	(D)	4.49	4.73
North Dakota	4.63	4.25	4.62
Washington	(D)	(D)	(D)
Wyoming	(D)	(D)	(S)
United States	5.02	4.78	5.08

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

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(D)	(S)
Colorado	(S)	(D)	(D)
Idaho	3.26	3.41	3.93
Minnesota	(D)	(S)	(S)
Montana	(D)	3.01	3.09
North Dakota	3.22	3.15	3.50
Washington	(D)	3.12	3.02
Wyoming	(S)	(D)	(D)
United States	3.23	3.16	3.55

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

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

State	March 2019	February 2020	March 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas ¹	(S)	(NA)	(NA)
Kansas	5.45	5.59	5.81
Louisiana ¹	(S)	(NA)	(NA)
Missouri ¹	6.95	(NA)	(NA)
Nebraska	5.32	5.50	(D)
Oklahoma	5.69	5.97	6.21
Texas	6.79	6.67	6.75
United States	5.86	5.86	5.88

(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: March 2020 with Comparisons

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	3.66	3.78	3.74
Illinois	3.59	3.71	3.65
Indiana	3.75	4.04	4.03
Iowa	3.57	3.74	3.64
Kansas	3.54	3.66	3.59
Kentucky	3.89	4.16	4.11
Michigan	3.63	4.03	3.73
Minnesota	3.47	3.58	3.49
Missouri	3.67	3.93	3.85
Nebraska	3.58	3.71	3.63
North Carolina	4.47	4.67	4.62
North Dakota	3.30	3.17	3.16
Ohio	3.74	4.14	3.99
Pennsylvania	4.24	4.46	4.11
South Dakota	3.34	3.52	3.42
Tennessee	3.75	3.97	4.02
Texas	4.34	4.41	4.24
Wisconsin	3.54	3.66	3.51
United States	3.61	3.78	3.68

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	8.40	8.75	8.50
Illinois	8.70	8.80	8.78
Indiana	8.83	9.04	9.01
Iowa	8.46	8.56	8.43
Kansas	8.05	8.31	8.18
Kentucky	8.74	9.00	8.99
Louisiana	8.52	8.52	(D)
Michigan	8.70	8.94	8.90
Minnesota	8.57	7.82	7.40
Mississippi	(D)	8.69	(D)
Missouri	8.61	8.87	8.80
Nebraska	8.25	8.33	8.23
North Carolina	(D)	8.94	8.73
North Dakota	7.83	7.83	7.67
Ohio	8.66	9.30	9.11
South Dakota	8.10	8.26	8.13
Tennessee	8.64	8.98	8.99
Wisconsin	8.61	8.45	8.30
United States	8.52	8.59	8.46

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

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

State	March 2019	February 2020	March 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	66.20	(D)	(D)
Colorado	22.60	(D)	36.10
Idaho	24.20	30.30	(D)
Michigan	(D)	37.60	37.40
Minnesota	(D)	36.40	38.20
Nebraska	(D)	(D)	(D)
North Dakota	21.40	34.50	35.90
United States	24.80	36.20	37.00

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

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

State	March 2019	February 2020	March 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.187	0.198	0.198
Arkansas	(S)	0.209	(S)
Florida	0.196	0.198	0.195
Georgia	0.194	0.196	0.197
Mississippi	0.180	0.188	0.189
New Mexico	0.226	(S)	(S)
North Carolina	(S)	0.214	0.222
Oklahoma	0.228	0.231	0.236
South Carolina	0.189	0.212	0.209
Texas	0.233	0.278	0.331
Virginia	(S)	0.220	0.214
United States	0.198	0.205	0.206

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

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

State	March 2019	February 2020	March 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	19.50
Minnesota	(D)	20.40	22.40
North Dakota	18.40	19.80	21.10
South Dakota	17.40	21.00	20.70
United States	17.80	20.20	20.60

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

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

State	March 2019	February 2020	March 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	(D)	13.60	13.60
North Dakota	15.80	15.80	15.60
Oklahoma	(S)	(S)	(S)
United States	15.80	15.80	15.50

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

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

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

State	March 2019	February 2020	March 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	10.10	10.40	10.70
United States	10.10	10.40	10.70

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	March 2019	February 2020	March 2020	March 2019	February 2020	March 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.700	0.613	0.588	(NA)	157.00	(NA)
Arizona	(D)	(S)	(S)	(NA)	270.00	(NA)
Arkansas	(D)	0.626	(D)	(NA)	150.00	(NA)
California	(D)	(S)	(S)	(NA)	(D)	(NA)
Georgia	0.707	0.612	0.558	(NA)	116.00	(NA)
Louisiana	(D)	0.613	(D)	(NA)	(S)	(NA)
Mississippi	(D)	0.625	(D)	(NA)	(S)	(NA)
North Carolina	0.719	0.640	0.583	(NA)	130.00	(NA)
Tennessee	0.680	0.601	0.594	(NA)	(S)	(NA)
Texas	0.676	0.584	0.533	(NA)	151.00	(NA)
United States	0.689	0.607	0.576	(NA)	210.00	(NA)

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

(NA) Not available.

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

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

Item	March 2019	February 2020	March 2020
Cotton, Upland			
Average price dollars/pound	0.689	0.607	0.576
Marketings ¹ 1,000 bales	1,449	931	564
Rice, all			
Average price dollars/cwt	11.90	13.30	13.20
Marketings ² 1,000 cwt	16,003	12,427	13,738
Rice, long			
Average price dollars/cwt	10.70	12.50	12.50
Marketings ² 1,000 cwt	13,240	9,688	10,545
Rice, medium and short			
California			
Average price dollars/cwt	21.00	18.70	18.00
Other States ³			
Average price dollars/cwt	12.50	11.70	11.80
United States			
Average price dollars/cwt	17.60	16.10	15.40
Marketings ² 1,000 cwt	2,763	2,739	3,193

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

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

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

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

State	All hay			Alfalfa hay			Other hay		
	March 2019	February 2020	March 2020	March 2019	February 2020	March 2020	March 2019	February 2020	March 2020
	(dollars per ton)								
Arizona	209.00	200.00	200.00	210.00	200.00	200.00	200.00	200.00	200.00
California	215.00	189.00	200.00	225.00	200.00	200.00	185.00	150.00	145.00
Colorado	235.00	230.00	225.00	240.00	230.00	225.00	220.00	230.00	225.00
Idaho	160.00	153.00	149.00	160.00	155.00	150.00	160.00	140.00	140.00
Illinois	167.00	162.00	173.00	175.00	175.00	185.00	140.00	120.00	125.00
Iowa	149.00	115.00	111.00	150.00	119.00	116.00	145.00	101.00	94.00
Kansas	147.00	127.00	115.00	171.00	138.00	132.00	105.00	103.00	95.00
Kentucky	166.00	147.00	152.00	220.00	205.00	205.00	150.00	130.00	130.00
Michigan	164.00	168.00	157.00	175.00	185.00	175.00	135.00	135.00	120.00
Minnesota	181.00	138.00	128.00	186.00	156.00	139.00	153.00	101.00	90.00
Missouri	133.00	116.00	118.00	160.00	150.00	155.00	125.00	110.00	110.00
Montana	147.00	141.00	135.00	150.00	140.00	135.00	135.00	145.00	135.00
Nebraska	113.00	102.00	103.00	121.00	110.00	113.00	96.00	82.00	82.00
Nevada	180.00	185.00	179.00	180.00	185.00	180.00	180.00	170.00	175.00
New Mexico	242.00	215.00	220.00	260.00	220.00	220.00	165.00	190.00	190.00
New York	147.00	174.00	169.00	166.00	200.00	243.00	146.00	165.00	145.00
North Dakota	86.00	82.00	78.00	92.00	85.00	82.00	67.00	68.00	66.00
Ohio	144.00	187.00	171.00	185.00	220.00	200.00	125.00	160.00	145.00
Oklahoma	122.00	100.00	105.00	196.00	160.00	157.00	100.00	88.00	90.00
Oregon	190.00	189.00	186.00	190.00	200.00	195.00	190.00	175.00	160.00
Pennsylvania	200.00	183.00	168.00	230.00	229.00	265.00	192.00	171.00	157.00
South Dakota	109.00	101.00	90.00	112.00	106.00	96.00	98.00	88.00	77.00
Texas	153.00	141.00	140.00	212.00	184.00	187.00	132.00	133.00	130.00
Utah	185.00	175.00	180.00	185.00	175.00	180.00	150.00	140.00	130.00
Washington	183.00	184.00	189.00	180.00	195.00	200.00	190.00	160.00	165.00
Wisconsin	188.00	176.00	174.00	203.00	184.00	180.00	152.00	145.00	153.00
Wyoming	171.00	170.00	179.00	175.00	180.00	185.00	145.00	140.00	145.00
United States	173.00	157.00	158.00	186.00	171.00	175.00	154.00	136.00	130.00

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

State	March 2019	February 2020	March 2020
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	235.00	220.00	215.00
Idaho	170.00	170.00	170.00
Michigan	180.00	200.00	190.00
Minnesota	215.00	256.00	232.00
New York	212.00	256.00	256.00
Pennsylvania	278.00	305.00	338.00
Texas	258.00	225.00	219.00
Wisconsin	247.00	264.00	260.00
5-State Total ^{1 2}	213.00	210.00	205.00

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 February 2020, includes California, Idaho, New York, Texas, and Wisconsin. For March 2020, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization – United States: March 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	31.10	14.69	21.49	11.77	11.44	18.81	8.28
Lemons	40.10	21.72	29.84	(D)	15.54	23.19	(D)
Oranges	28.50	14.68	18.31	13.06	11.70	15.47	10.01

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

Prices Received for Citrus Fruits by Utilization – United States: February 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	30.30	11.63	19.64	7.17	9.08	17.37	4.47
Lemons	40.20	21.32	29.81	(D)	14.98	23.03	(D)
Oranges	27.30	12.69	16.90	9.85	9.65	14.01	6.71

(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 All Milk – States and United States: March 2020 with Comparisons

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

State	March 2019		February 2020		March 2020	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	16.80	3.71	17.90	3.80	17.10	3.75
California	17.30	4.00	18.60	3.93	17.60	3.89
Colorado	17.80	3.84	19.20	3.91	18.60	3.86
Florida	20.80	3.58	22.10	3.67	22.10	3.67
Georgia	18.50	3.59	20.60	3.80	20.10	3.72
Idaho	17.00	4.02	17.90	4.09	17.30	4.04
Illinois	17.50	3.99	19.10	4.01	18.30	3.97
Indiana	17.30	3.87	18.70	3.99	18.00	3.95
Iowa	17.80	4.03	19.90	4.11	19.00	4.06
Kansas	16.60	4.00	17.70	4.06	16.40	4.05
Michigan	16.50	3.89	17.70	3.89	16.60	3.85
Minnesota	17.80	4.14	19.80	4.17	18.20	4.07
New Mexico	16.00	3.78	17.00	3.91	15.40	3.84
New York	18.30	3.96	19.10	3.98	18.50	3.95
Ohio	17.90	4.01	19.40	4.01	18.90	3.97
Oregon	19.80	4.22	20.90	4.14	20.10	4.09
Pennsylvania	18.50	3.92	19.40	3.98	18.90	3.96
South Dakota	18.50	4.34	20.30	4.35	19.00	4.29
Texas	18.00	4.21	19.40	4.31	18.30	4.25
Utah	17.20	3.97	18.60	4.07	17.80	4.02
Vermont	18.70	4.03	19.60	3.99	19.00	3.96
Virginia	18.60	3.82	19.90	3.92	19.80	3.87
Washington	18.10	4.22	18.90	4.14	18.00	4.09
Wisconsin	17.30	3.96	19.10	3.97	18.10	3.94
United States	17.60	3.99	18.90	4.01	18.00	3.96

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: March 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			
		March 2019	February 2020	March 2020	March 2019	February 2020	March 2020	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
Basic commodities								
All wheat	bushel	0.558	17.10	16.60	16.60	30	29	29
Rice	cwt	1.29	40.10	38.40	38.40	30	35	34
Corn	bushel	0.433	13.10	12.90	12.90	28	29	29
Cotton								
Upland	pound	0.070	2.07	2.08	2.08	33	29	28
American Pima	pound	0.140	4.07	4.17	4.16	28	28	28
Peanuts	pound	0.023	0.688	0.684	0.684	29	30	30
Small chickpeas ¹	cwt	2.40	72.40	71.40	71.40	32	22	25
Large chickpeas ¹	cwt	3.12	97.60	92.90	92.80	21	18	19
Lentils ¹	cwt	2.39	76.60	71.10	71.10	23	25	30
Designated non-basic								
All milk, to plants ²	cwt	1.80	52.70	53.60	53.50	35	36	35
Honey, extracted ³	pound	0.191	5.57	5.68	5.68	39	38	38
Wool and mohair								
Wool	pound	0.149	4.19	4.43	4.43	42	43	43
Mohair	pound	0.457	12.80	13.60	13.60	41	47	47
Other non-basic								
Apples, fresh ⁴	pound	0.036	1.050	1.070	1.070	36	54	54
Barley	bushel	0.495	15.10	14.70	14.70	32	32	33
Canola	cwt	1.87	56.30	55.70	55.60	28	28	28
Cottonseed	ton	19.50	605.00	580.00	580.00	29	36	36
Dry edible beans	cwt	3.11	95.80	92.60	92.50	26	39	40
Flaxseed	bushel	1.09	32.60	32.40	32.40	31	32	33
Oats	bushel	0.290	8.62	8.63	8.62	31	32	34
Potatoes, fresh	cwt	1.07	33.20	31.80	31.80	34	46	50
Sorghum grain	cwt	0.736	22.20	21.90	21.90	26	27	27
Soybeans	bushel	1.06	32.60	31.50	31.50	26	27	27
Sunflower, all	cwt	2.07	62.90	61.60	61.60	28	33	33
Citrus (equivalent on-tree)								
Grapefruit	box	0.837	22.10	24.90	24.90	52	36	39
Lemons	box	1.87	56.00	55.70	55.60	28	27	19
Oranges	box	1.010	27.20	30.10	30.00	43	32	33
Livestock and poultry								
Beef cattle	cwt	11.90	350.00	354.00	354.00	36	34	32
Broilers	pound	0.052	1.56	1.55	1.55	33	27	28
Calves	cwt	17.30	509.00	515.00	515.00	33	33	31
Eggs ²	dozen	0.101	3.05	3.01	3.00	23	29	46
Hogs	cwt	5.72	170.00	170.00	170.00	27	27	28
Turkeys, live	pound	0.066	1.980	1.960	1.960	27	33	34

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

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

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

Commodity Parity Prices – United States: March 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		
		March 2019	February 2020	March 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops pound	0.422	12.20	12.60	12.60
Mustard seed cwt	3.15	98.80	93.70	93.70
Rapeseed cwt	2.64	81.10	78.60	78.50
Rye bushel	0.628	18.80	18.70	18.70
Safflower cwt	2.19	67.00	65.20	65.10
Spearmint oil pound	1.75	51.80	52.10	52.00
Sweet potatoes cwt	2.01	62.00	59.80	59.80
Tobacco				
Flue-cured, 11-14 pound	0.187	5.54	5.57	5.56
Fire-cured, 21-23 pound	0.257	7.60	7.65	7.64
Burley, 31 pound	0.184	5.42	5.48	5.47
Maryland, 32 pound	0.173	5.12	5.15	5.15
Dark air-cured, 35-37 pound	0.229	6.82	6.82	6.81
Pennsylvania seedleaf, 41 pound	0.201	5.87	5.98	5.98
Non-citrus fruit				
Apples, processing ^{1 2} ton	20.30	605.00	604.00	604.00
Apricots				
Fresh ³ ton	128.00	3,620.00	3,810.00	3,810.00
Dried (California) ton	313.00	9,370.00	9,310.00	9,310.00
Avocados ^{2 3} ton	198.00	5,990.00	5,890.00	5,890.00
Cherries				
Sweet ton	210.00	6,430.00	6,250.00	6,250.00
Tart ² pound	0.030	0.958	0.893	0.892
Cranberry ^{2 4} barrel	3.55	116.00	106.00	106.00
Dates (California) ³ ton	184.00	4,760.00	5,480.00	5,470.00
Grapes (California)				
Raisin variety ⁵ ton	147.00	4,400.00	4,370.00	4,370.00
Wine, processing ton	75.90	2,150.00	2,260.00	2,260.00
Kiwifruit ² ton	105.00	3,140.00	3,120.00	3,120.00
Nectarines, fresh (California) ³ ton	78.50	2,180.00	2,340.00	2,330.00
Olives, canning (California) ⁴ ton	111.00	3,170.00	3,300.00	3,300.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: March 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		
		March 2019	February 2020	March 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) pound	0.045	1.26	1.34	1.34
Peaches				
Fresh ^{4 6}ton	103.00	2,910.00	3,070.00	3,060.00
Dried (California) ^{1 5}ton	43.30	1,300.00	1,290.00	1,290.00
Processing, excludes dried				
Clingstone (California) ⁴ton	39.20	1,130.00	1,170.00	1,170.00
Pears, Fresh ⁶ton	63.90	1,900.00	1,900.00	1,900.00
Plums (California) equivalent on-tree				
Fresh ⁷ton	74.50	2,050.00	2,220.00	2,220.00
Prunes, dried (California) ^{1 2 5}ton	178.00	5,120.00	5,300.00	5,290.00
Strawberries				
Fresh ¹⁰ pound	9.82	288.00	292.00	292.00
Processing pound	3.74	108.00	111.00	111.00
Sugar crops				
Sugar beets ^{2 8}ton	4.91	153.00	146.00	146.00
Sugarcane ^{2 8}ton	3.50	105.00	104.00	104.00
Tree nuts ⁹				
Almonds pound	0.253	7.24	7.53	7.52
Hazelnutston	237.00	7,060.00	7,050.00	7,050.00
Pistachios pound	0.244	7.12	7.26	7.26
Walnutston	236.00	7,090.00	7,020.00	7,020.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.82	83.50	83.90	83.90
Cauliflower ¹¹ cwt	4.66	137.00	139.00	139.00
Celery ¹¹ cwt	2.05	59.30	61.00	61.00
Honeydew melons cwt	2.04	60.50	60.70	60.70
Lettuce cwt	2.52	72.70	75.00	74.90
Onions ¹¹ cwt	1.41	42.20	42.00	41.90
Tomatoes cwt	4.01	121.00	119.00	119.00

¹ Equivalent returns at processing plant door.

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

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

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

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

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

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

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

Marketing Year for Specified Commodities

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

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

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

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

Prices Received for Broilers by Month – United States: 2014-2019

[Live weight equivalent price]

Year	December ¹	January	February	March	April	May
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2014	0.560	0.570	0.550	0.650	0.680	0.730
2015	0.580	0.600	0.540	0.590	0.640	0.650
2016	0.470	0.500	0.460	0.480	0.510	0.560
2017	0.480	0.490	0.480	0.550	0.570	0.660
2018	0.500	0.530	0.520	0.600	0.650	0.720
2019	0.510	0.560	0.490	0.510	0.550	0.570
Year	June	July	August	September	October	November
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per pound)
2014	0.700	0.660	0.600	0.660	0.650	0.630
2015	0.620	0.510	0.470	0.430	0.410	0.420
2016	0.570	0.510	0.440	0.420	0.370	0.440
2017	0.660	0.620	0.540	0.510	0.480	0.490
2018	0.730	0.670	0.490	0.460	0.460	0.490
2019	0.540	0.487	0.421	0.391	0.410	0.403

¹ December preceding year.

Prices Received for Turkeys by Month – United States: 2014-2019

[Live weight equivalent price]

Year	January	February	March	April	May	June
	(dollars per pound)					
2014	0.645	0.664	0.683	0.687	0.726	0.728
2015	0.662	0.669	0.683	0.702	0.759	0.812
2016	0.789	0.794	0.789	0.832	0.831	0.865
2017	0.689	0.672	0.690	0.666	0.686	0.658
2018	0.508	0.506	0.499	0.500	0.498	0.508
2019	0.509	0.528	0.532	0.556	0.533	0.561
Year	July	August	September	October	November	December
	(dollars per pound)					
2014	0.740	0.756	0.775	0.822	0.821	0.734
2015	0.848	0.897	0.925	0.971	0.922	0.886
2016	0.866	0.843	0.878	0.852	0.815	0.744
2017	0.678	0.647	0.623	0.627	0.577	0.529
2018	0.519	0.517	0.531	0.511	0.530	0.498
2019	0.576	0.592	0.622	0.639	0.671	0.624

Prices Received for All Eggs by Month – United States: 2014-2019

[Includes hatching and market eggs. 2014-2017 are mid-month prices, starting in 2018 prices are full month]

Year	December ¹	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2014	1.370	1.110	1.400	1.230	1.270	1.170
2015	1.750	1.240	1.290	1.540	1.080	1.730
2016	1.240	1.180	1.080	0.970	0.680	0.552
2017	1.210	0.813	0.621	0.783	0.629	0.615
2018	1.330	1.150	1.260	2.010	1.190	0.848
2019	1.150	0.999	0.920	0.866	0.633	0.475
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2014	1.090	1.240	1.070	1.040	1.140	1.510
2015	2.000	1.900	2.390	1.890	1.430	2.000
2016	0.541	0.651	0.654	0.604	0.513	0.591
2017	0.631	0.819	0.744	1.090	0.895	1.380
2018	1.030	1.090	1.090	0.929	0.909	1.130
2019	0.714	0.511	0.891	0.680	0.663	1.280

¹ December preceding year.

Prices Received for Market Eggs by Month – United States: 2014-2019

[2014-2017 are mid-month prices, starting in 2018 prices are full month]

Year	December ¹	January	February	March	April	May
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2014	1.210	0.906	1.230	1.040	1.090	0.970
2015	1.650	1.060	1.110	1.410	0.870	1.610
2016	1.040	0.969	0.850	0.731	0.391	0.242
2017	1.020	0.572	0.371	0.555	0.376	0.358
2018	1.180	0.960	1.090	1.940	1.000	0.614
2019	0.970	0.791	0.696	0.639	0.373	0.187
Year	June	July	August	September	October	November
	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)	(dollars per dozen)
2014	0.873	1.050	0.861	0.824	0.934	1.370
2015	1.920	1.810	2.380	1.800	1.260	1.930
2016	0.231	0.361	0.369	0.316	0.215	0.308
2017	0.375	0.589	0.504	0.900	0.680	1.230
2018	0.816	0.888	0.890	0.710	0.690	0.945
2019	0.452	0.224	0.659	0.425	0.407	1.110

¹ December preceding year.

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

State	January	February	March	April	May	June
	(dollars per cwt)					
Arizona	15.10	14.40	14.50	14.80	15.50	16.00
California	15.24	14.85	15.15	14.68	15.55	15.74
Colorado	16.70	15.90	16.00	16.20	16.60	16.80
Florida	20.40	19.20	18.70	19.10	19.60	20.40
Georgia	17.70	15.40	15.00	16.20	16.70	17.10
Idaho	15.20	14.90	15.50	15.30	16.00	15.70
Illinois	16.70	15.60	15.90	16.30	16.50	16.10
Indiana	16.10	14.90	15.10	15.30	15.50	15.50
Iowa	16.40	15.70	16.10	16.30	16.80	16.20
Kansas	16.10	14.60	14.90	15.10	15.20	15.30
Michigan	14.90	13.80	14.10	14.50	14.80	14.80
Minnesota	16.20	16.00	16.30	16.60	16.90	16.30
New Mexico	15.60	14.00	14.20	14.30	14.80	14.90
New York	16.70	15.60	15.80	16.10	16.40	16.90
Ohio	16.80	15.70	15.80	16.10	16.10	16.10
Oregon	18.10	17.60	18.10	18.40	19.20	19.10
Pennsylvania	17.00	15.90	16.00	16.40	16.70	17.00
South Dakota	17.00	16.60	17.00	17.30	17.60	17.00
Texas	17.60	16.20	16.40	16.50	17.00	17.00
Utah	16.20	15.10	15.70	15.80	16.20	16.10
Vermont	17.00	15.90	16.20	16.70	17.00	17.40
Virginia	18.30	16.50	16.10	16.80	17.20	17.60
Washington	16.70	15.90	15.80	16.10	16.90	17.10
Wisconsin	16.40	15.60	16.20	16.50	16.80	16.50
United States	16.20	15.30	15.60	15.80	16.20	16.30
State	July	August	September	October	November	December
	(dollars per cwt)					
Arizona	15.40	15.50	16.20	16.80	16.40	16.00
California	15.14	15.85	16.56	17.04	17.21	16.53
Colorado	16.00	16.40	17.30	18.20	17.60	17.10
Florida	20.10	19.50	19.90	21.40	20.80	20.10
Georgia	17.30	17.00	17.50	19.20	18.60	17.60
Idaho	14.90	15.90	16.40	16.80	16.30	16.00
Illinois	15.60	16.10	17.20	17.90	17.50	16.70
Indiana	14.70	15.20	16.00	17.20	17.20	16.60
Iowa	15.40	16.50	17.40	18.00	16.90	16.50
Kansas	14.50	14.90	15.80	16.60	16.00	15.20
Michigan	14.20	14.60	15.40	16.50	16.10	15.60
Minnesota	15.40	16.60	17.70	17.50	16.70	16.20
New Mexico	14.10	14.40	15.10	15.70	15.30	14.70
New York	16.10	16.40	17.10	18.10	17.80	17.40
Ohio	15.50	15.80	16.40	17.50	17.50	17.20
Oregon	17.90	18.10	19.50	19.90	19.60	19.00
Pennsylvania	16.20	16.40	17.10	18.10	18.00	17.60
South Dakota	16.20	17.10	18.30	18.70	17.60	17.00
Texas	16.10	16.50	17.30	18.10	17.60	16.80
Utah	15.30	15.80	16.80	17.50	16.80	16.30
Vermont	16.50	16.70	17.50	18.50	18.20	17.80
Virginia	17.40	17.10	17.50	19.20	19.00	18.10
Washington	16.30	16.40	17.40	18.30	17.80	17.40
Wisconsin	15.40	16.30	17.50	17.80	17.00	16.20
United States	15.50	16.10	16.90	17.50	17.20	16.60

Prices Received for All Milk Sold at Plants by Month – States and United States: 2019

State	January (dollars per cwt)	February (dollars per cwt)	March (dollars per cwt)	April (dollars per cwt)	May (dollars per cwt)	June (dollars per cwt)
Arizona	16.30	16.50	16.80	16.90	17.40	17.80
California	16.30	16.50	17.30	17.40	17.80	18.10
Colorado	17.10	17.20	17.80	18.00	18.40	18.30
Florida	20.30	20.50	20.80	20.80	21.40	22.00
Georgia	18.20	18.50	18.50	18.70	19.30	19.40
Idaho	15.70	16.10	17.00	17.20	17.40	17.40
Illinois	16.80	16.90	17.50	17.90	18.10	18.00
Indiana	16.70	16.80	17.30	17.30	17.60	17.60
Iowa	16.50	16.90	17.80	18.20	18.60	18.40
Kansas	15.60	15.70	16.60	16.50	16.80	17.20
Michigan	15.70	15.80	16.50	16.40	16.80	16.90
Minnesota	16.30	16.70	17.80	18.30	18.50	18.30
New Mexico	15.00	15.00	16.00	16.10	16.50	16.60
New York	17.50	17.70	18.30	18.20	18.40	18.60
Ohio	17.30	17.40	17.90	17.70	18.00	18.10
Oregon	18.70	18.80	19.80	20.20	20.50	20.60
Pennsylvania	17.80	18.00	18.50	18.40	18.70	18.90
South Dakota	17.20	17.60	18.50	19.10	19.40	19.10
Texas	17.00	17.10	18.00	18.10	18.40	18.60
Utah	16.30	16.30	17.20	17.40	17.60	17.90
Vermont	17.90	18.10	18.70	18.50	18.80	19.00
Virginia	18.40	18.60	18.60	18.40	18.80	19.10
Washington	17.40	17.60	18.10	18.00	18.30	18.50
Wisconsin	16.30	16.40	17.30	17.90	18.20	17.90
United States	16.60	16.80	17.60	17.70	18.00	18.10
State	July (dollars per cwt)	August (dollars per cwt)	September (dollars per cwt)	October (dollars per cwt)	November (dollars per cwt)	December (dollars per cwt)
Arizona	18.40	18.60	18.70	18.90	19.40	19.70
California	18.60	18.70	18.60	18.90	19.50	19.80
Colorado	18.80	19.10	19.40	20.00	20.30	20.60
Florida	22.20	23.10	22.50	22.70	23.10	23.80
Georgia	20.10	21.10	20.70	21.00	21.50	21.90
Idaho	18.20	18.30	19.10	20.90	21.70	20.30
Illinois	18.80	19.20	19.70	20.30	21.60	21.20
Indiana	18.00	18.50	18.80	19.50	20.30	20.40
Iowa	19.10	19.30	20.40	21.40	23.30	22.40
Kansas	17.40	17.50	18.10	19.10	20.20	19.50
Michigan	17.30	17.60	17.90	18.50	19.20	19.40
Minnesota	19.20	19.50	20.60	21.70	23.20	22.10
New Mexico	17.20	16.90	17.40	18.40	19.90	19.30
New York	18.80	19.10	19.40	19.70	20.50	20.50
Ohio	18.40	18.80	19.30	20.00	20.70	21.00
Oregon	21.50	21.50	22.10	23.30	24.60	23.60
Pennsylvania	19.20	19.60	19.80	20.20	21.10	21.10
South Dakota	19.80	20.20	21.30	22.40	24.10	22.70
Texas	19.10	19.30	19.30	21.00	22.10	21.30
Utah	18.20	18.60	19.10	20.40	21.70	21.30
Vermont	19.20	19.50	19.70	20.00	20.90	20.80
Virginia	19.50	20.30	20.10	20.40	21.20	21.60
Washington	19.10	19.20	19.10	19.90	20.70	20.50
Wisconsin	18.80	19.10	19.90	20.70	22.50	21.40
United States	18.70	18.90	19.30	20.00	21.10	20.70

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

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

Prices Received for All Milk Sold at Plants, Monthly Fat Test – States and United States: 2019

State	January	February	March	April	May	June
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.80	3.78	3.71	3.67	3.65	3.68
California	4.03	4.03	4.00	3.84	3.79	3.84
Colorado	3.87	3.87	3.84	3.78	3.76	3.68
Florida	3.66	3.63	3.58	3.60	3.57	3.59
Georgia	3.72	3.64	3.59	3.59	3.60	3.58
Idaho	4.10	4.07	4.02	3.94	3.86	3.82
Illinois	4.02	4.02	3.99	3.91	3.87	3.81
Indiana	3.93	3.92	3.87	3.82	3.76	3.68
Iowa	4.05	4.08	4.03	3.93	3.95	3.84
Kansas	4.02	4.01	4.00	3.87	3.87	3.83
Michigan	3.91	3.94	3.89	3.84	3.77	3.70
Minnesota	4.13	4.15	4.14	4.03	3.99	3.89
New Mexico	3.84	3.80	3.78	3.71	3.69	3.65
New York	3.99	3.98	3.96	3.90	3.84	3.78
Ohio	4.05	4.05	4.01	3.91	3.84	3.79
Oregon	4.20	4.23	4.22	4.07	4.00	3.95
Pennsylvania	3.94	3.94	3.92	3.84	3.77	3.73
South Dakota	4.33	4.38	4.34	4.24	4.21	4.07
Texas	4.30	4.25	4.21	4.12	4.09	4.03
Utah	4.02	4.00	3.97	3.89	3.84	3.80
Vermont	4.04	4.05	4.03	3.98	3.93	3.86
Virginia	3.89	3.85	3.82	3.74	3.66	3.63
Washington	4.20	4.23	4.22	4.07	4.00	3.95
Wisconsin	3.98	3.99	3.96	3.89	3.85	3.78
United States	4.02	4.02	3.99	3.89	3.85	3.81
State	July	August	September	October	November	December
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Arizona	3.69	3.66	3.69	3.77	3.84	3.91
California	3.71	3.71	3.78	3.92	3.95	3.98
Colorado	3.65	3.65	3.76	3.94	3.99	3.96
Florida	3.62	3.68	3.72	3.75	3.76	3.74
Georgia	3.59	3.63	3.66	3.70	3.81	3.83
Idaho	3.78	3.82	3.94	4.18	4.13	4.18
Illinois	3.78	3.78	3.86	3.99	4.11	4.10
Indiana	3.66	3.68	3.73	3.81	3.98	3.97
Iowa	3.80	3.83	3.91	4.07	4.15	4.10
Kansas	3.78	3.83	3.87	4.04	4.14	4.12
Michigan	3.69	3.65	3.77	3.84	3.99	3.96
Minnesota	3.85	3.91	4.01	4.16	4.22	4.19
New Mexico	3.63	3.64	3.69	3.85	4.02	4.00
New York	3.73	3.74	3.84	3.94	4.02	4.02
Ohio	3.75	3.77	3.82	3.91	4.08	4.07
Oregon	3.94	3.96	3.94	4.13	4.20	4.19
Pennsylvania	3.68	3.71	3.81	3.94	4.02	4.02
South Dakota	4.01	4.06	4.16	4.35	4.44	4.39
Texas	3.99	4.02	4.06	4.24	4.41	4.36
Utah	3.75	3.76	3.88	4.07	4.12	4.13
Vermont	3.78	3.80	3.89	3.96	4.04	4.01
Virginia	3.62	3.66	3.73	3.83	3.98	4.00
Washington	3.94	3.96	3.94	4.13	4.20	4.19
Wisconsin	3.72	3.77	3.86	3.96	4.05	4.00
United States	3.75	3.77	3.85	3.99	4.07	4.06

Adjustment for Seasonal Variation - All Eggs and All Milk

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

Prices Received for All Eggs Adjusted for Seasonal Variation by Month – United States: 2016-2019

State	Prices received adjusted for seasonal variation, dollars per dozen											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	0.983	1.240	1.120	0.994	0.808	0.632	0.591	0.621	0.606	0.606	0.584	0.471
2017	0.969	0.786	0.645	0.750	0.748	0.754	0.765	0.849	0.717	1.080	1.040	1.090
2018	1.070	1.090	1.290	1.900	1.370	1.130	1.170	1.140	1.050	0.991	1.060	0.861
2019	0.965	0.939	0.875	0.699	0.717	0.658	0.855	0.530	0.867	0.730	0.773	0.978

¹ December preceding year.

Prices Received for All Eggs as a Percentage of Parity Price by Month – United States: 2016-2019

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	37	42	38	33	27	21	20	21	21	21	20	16
2017	33	27	22	26	25	26	26	29	24	37	35	37
2018	36	37	43	64	46	38	39	38	35	33	35	29
2019	32	31	29	23	23	22	28	17	29	24	25	32

¹ December preceding year.

Prices Received for All Eggs Adjustment Factors by Month – United States: 2016-2019

State	Seasonal price adjustment factors, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	126	95	97	97	84	87	91	105	107	99	87	125
2017	125	101	97	104	85	82	83	97	104	101	87	126
2018	124	105	98	106	87	75	88	96	104	94	86	131
2019	121	108	105	124	89	72	84	97	103	93	86	132

¹ December preceding year.

Prices Received for All Milk Adjusted for Seasonal Variation by Month – United States: 2016-2019

State	Prices received adjusted for seasonal variation, dollars per cwt											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	16.90	16.40	16.40	16.00	15.60	15.20	15.40	16.50	17.20	16.70	15.60	16.50
2017	18.10	19.10	18.90	18.00	17.10	17.80	18.20	17.70	17.90	17.00	16.90	17.00
2018	16.50	16.00	15.60	16.30	16.40	17.00	16.90	15.90	16.00	16.20	16.40	16.10
2019	16.10	17.00	17.40	18.30	18.50	18.80	18.70	19.10	18.70	18.50	18.80	19.80

¹ December preceding year.

Prices Received for All Milk as a Percentage of Parity Price by Month – United States: 2016-2019

State	Seasonally adjusted price as a percentage of parity price, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	33	31	32	31	30	29	29	32	33	33	31	32
2017	35	37	36	35	33	34	35	34	35	33	32	32
2018	31	31	30	31	31	32	32	31	31	31	31	31
2019	31	33	33	35	35	36	36	36	36	36	36	38

¹ December preceding year.

Prices Received for All Milk Adjustment Factors by Month – United States: 2016-2019

State	Seasonal price adjustment factors, percent											
	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2016	102	98	96	96	97	95	96	97	100	104	107	108
2017	105	99	98	96	96	94	95	97	101	105	107	107
2018	105	101	98	96	96	95	97	97	101	104	107	107
2019	103	98	96	96	96	96	97	98	101	104	106	106

¹ December preceding year.

Reliability of Prices Received Estimates

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

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

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

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

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

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

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

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

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

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

March Prices Paid by Farmers

The March Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.9, is down 0.9 percent from February 2020 and 0.7 percent from March 2019.

Production: The March index, at 105.8, is down 1.2 percent from February and 1.7 percent from last year. Lower prices for feeder cattle, LP gas, feeder pigs, and field crops more than offset higher prices for potash and phosphate, mixed fertilizer, nitrogen, and supplements.

Feed: At 103.0, the March index decreased 0.4 percent from February but increased 0.3 percent from last March. Since February, lower prices for complete feeds, feed grains, hay and forages, and concentrates more than offset higher prices for supplements.

Livestock and poultry: The March index, at 98.6, decreased 5.9 percent from February and 7.2 percent from last year. Since February, prices are lower for feeder cattle and feeder pigs. The March feeder cattle price, at \$136.00 per cwt, is down \$9.00 per cwt from February. Feeder pigs March price, at \$127.00 per cwt, is down \$18.00 per cwt from February.

Fertilizer: The index for March, at 71.8, is up 2.3 percent from February and 2.4 percent from a year ago. Since February, prices are higher for potash and phosphate, mixed fertilizer, and nitrogen.

Chemicals: The March index, at 97.9, is down 0.6 percent from February and 4.3 percent from last March.

Fuels: At 68.0, the March index is down 9.7 percent from February and 4.8 percent from March 2019. Compared with February, prices are lower for LP gas, diesel, and gasoline.

Machinery: The index for March, at 123.3, decreased 0.2 percent from February and 1.4 percent from last March. Compared with last month, prices are higher for other machinery and tractors but lower for self-propelled machinery.

Consumer Price Index: The March 2020 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 1.5 percent over the last 12 months to an index level of 258.115 (1982-1984=100). For the month, the index decreased 0.2 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: March 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		
	March 2019	February 2020	March 2020	March 2019	February 2020	March 2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2997	3000	2974	110.7	110.9	109.9
Production	2239	2229	2202	107.6	107.1	105.8
Feed	1132	1140	1135	102.7	103.4	103.0
Livestock and poultry	2098	2069	1946	106.3	104.8	98.6
Seeds	3800	3800	3723	115.6	115.6	113.3
Fertilizer	844	845	864	70.1	70.2	71.8
Chemicals	918	884	879	102.3	98.5	97.9
Fuels	1996	2107	1903	71.4	75.3	68.0
Supplies and repairs	1348	1362	1362	114.3	115.5	115.5
Autos and trucks	3276	3275	3261	106.6	106.6	106.1
Machinery	7640	7553	7535	125.0	123.6	123.3
Building materials	2746	2761	2776	118.0	118.7	119.3
Services and rent	2472	2478	2475	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	116.3	116.0	115.8
Rent	(NA)	(NA)	(NA)	116.5	117.8	117.8
Interest ¹	4205	4307	4307	115.3	118.1	118.1
Taxes ²	7000	7095	7095	117.9	119.5	119.5
Wage rates	9574	9612	9612	133.7	134.2	134.2
Family living-CPI ³	2415	2457	2452	113.0	115.0	114.8
Production, interest, taxes, and wage rates (PITW)	3112	3107	3076	110.4	110.2	109.1
Ratio (received/paid)	(NA)	(NA)	(NA)	84	81	85
Parity ratio ⁴	32	31	32	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	32	33	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1686	1707	1702	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	111.6	111.7	111.2
Livestock sector (PPITW)	(NA)	(NA)	(NA)	109.8	110.0	108.5
Farm sector (production)	(NA)	(NA)	(NA)	106.5	106.2	103.4
Non-farm sector (production)	(NA)	(NA)	(NA)	108.2	107.6	107.2

(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: March 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	March 2019	February 2020	March 2020
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	73.2	72.9	107.6	107.1	105.8
Feed	12.8	13.3	102.7	103.4	103.0
Feed grains	1.8	1.9	60.9	63.1	62.1
Complete feeds	6.3	6.5	106.3	109.5	109.1
Hay and forages	1.6	1.7	114.8	103.7	103.2
Concentrates	2.0	2.1	113.8	116.0	115.6
Supplements	1.1	1.1	114.3	112.4	113.3
Livestock and poultry	8.8	9.2	106.3	104.8	98.6
Feeder cattle	6.8	7.2	105.8	105.6	99.0
Feeder pigs	0.7	0.7	132.1	103.6	90.7
Milk cow replacements	0.7	0.7	80.3	91.5	91.5
Poultry	0.5	0.6	113.1	113.1	113.1
Seeds	5.4	5.1	115.6	115.6	113.3
Field crops	4.9	4.6	114.0	114.0	112.0
Grasses and legumes	0.5	0.5	131.8	131.8	125.4
Fertilizer	5.0	5.1	70.1	70.2	71.8
Mixed fertilizer	2.2	2.2	71.1	70.4	71.5
Nitrogen	2.1	2.1	70.8	72.5	73.5
Potash and phosphate	0.7	0.7	65.1	63.0	67.4
Chemicals	3.6	3.5	102.3	98.5	97.9
Herbicides	2.2	2.2	102.9	100.1	99.6
Insecticides	0.8	0.8	102.3	93.2	92.2
Fungicides and other	0.5	0.5	99.5	99.9	99.7
Fuels	2.8	3.2	71.4	75.3	68.0
Diesel	1.8	2.0	70.8	70.8	66.7
Gasoline	0.6	0.7	70.7	74.7	69.2
LP gas	0.5	0.5	74.4	93.0	71.6
Supplies and repairs	4.6	4.6	114.3	115.5	115.5
Supplies	1.5	1.5	114.8	116.4	116.6
Repairs	3.1	3.0	114.0	115.0	114.9
Autos and trucks	1.3	1.2	106.6	106.6	106.1
Autos	0.2	0.2	100.9	101.4	100.9
Trucks	1.1	1.1	107.5	107.3	106.9
Machinery	5.3	4.7	125.0	123.6	123.3
Tractors	1.2	1.0	109.3	111.8	112.0
Self-propelled	2.1	1.9	131.0	127.5	126.4
Other machinery	2.0	1.8	127.8	126.3	126.5
Building materials	4.1	4.0	118.0	118.7	119.3
Services	11.7	11.9	116.3	116.0	115.8
Custom rates	1.2	1.2	118.4	118.4	118.4
Other services	10.5	10.7	116.1	115.8	115.5
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	133.7	134.2	134.2
Family living-CPI	13.9	14.0	113.0	115.0	114.8

Feed Price Ratios – United States: March 2020 with Comparisons

Feed price ratio ¹	March 2019	February 2020	March 2020
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.3	4.2	4.4
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	7.6	7.4	18.7
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	12.9	12.0	13.0
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	2.14	2.34	2.23
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	35.7	32.3	31.0
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	5.9	7.0	7.4

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

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

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

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

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

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

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

Item	March 2019	February 2020	March 2020
	(dollars)	(dollars)	(dollars)
Broilers, live pound	0.510	0.419	0.430
Eggs, market dozen	0.639	0.640	1.58
Hogs, all cwt	46.50	45.50	47.70
Milk, all cwt	17.60	18.90	18.00
Steers and heifers cwt	129.00	122.00	114.00
Turkeys, live pound	0.532	0.644	0.664
Corn bushel	3.61	3.78	3.68
Hay, alfalfa ton	186.00	171.00	175.00
Soybeans bushel	8.52	8.59	8.46
Wheat, all bushel	5.19	4.88	4.86

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

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

Item	March 2019	February 2020	March 2020
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves cwt	145.00	145.00	136.00
Feeder pigs cwt	185.00	145.00	127.00

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

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

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Price Program Links

Economics and Prices

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

January 2014 Price Program Update

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

January 2015 Price Program Update

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

April 2015 Price Program Update

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

February 2016 Price Program Update

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