



Agricultural Prices

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May Prices Received Index Up 1.8 Percent

The May Prices Received Index 2011 Base (Agricultural Production), at 106.8, increased 1.8 percent from April and 27 percent from May 2020. At 106.6, the Crop Production Index was up 0.5 percent from last month and 23 percent from the previous year. The Livestock Production Index, at 107.0, increased 2.9 percent from April, and 29 percent from May last year. Producers received higher prices during May for corn, broilers, soybeans, and milk but lower prices for strawberries, lettuce, calves, and market eggs. In addition to prices, the volume change of commodities marketed also influences the indexes. In May, there was increased monthly movement for cattle, hay, broilers, and corn and decreased marketing of soybeans, hogs, apples, and calves.

May Prices Paid Index Up 0.9 Percent

The May Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 114.1, is up 0.9 percent from April 2021 and 5.7 percent from May 2020. Higher prices in May for complete feeds, feed grains, supplements, and nitrogen more than offset lower prices for feeder cattle, feeder pigs, and LP gas.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: May 2021 with Comparisons

Index Group	May 2020	April 2021	May 2021
	(percent)	(percent)	(percent)
Prices received by farmers	84.4	104.9	106.8
Prices paid by farmers	107.9	113.1	114.1
Ratio of prices received to prices paid	78	93	94

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May Prices Received by Farmers

Crop production: The May index, at 106.6, is 0.5 percent higher than April and 23 percent higher than May 2020. The grain & oilseed, other crop, and vegetable & melon index increases more than offset the fruit & tree nut index decrease.

Grain and oilseed: The May index, at 103.8, is up 7.5 percent from April and 70 percent from May 2020. The feed grain, food grain, and oilseed indexes all increased.

Feed grain: The May index, at 98.5, increased 11 percent from last month and 84 percent from a year ago. The corn price, at \$5.91 per bushel, is up 60 cents from last month and \$2.71 from May 2020.

Food grain: At 94.1, the index for May increased 5.8 percent from the previous month and 19 percent from a year ago. The May price for all wheat, at \$6.46 per bushel, is 42 cents higher than April and \$1.70 higher than May 2020. The May price for rice, at \$14.00 per cwt, is 30 cents higher than April but 50 cents lower than May 2020.

Oilseed: At 116.0, the index for May increased 5.8 percent from April and 72 percent from May 2020. The soybean price, at \$14.80 per bushel, is 90 cents higher than April and \$6.52 higher than May a year earlier.

Fruit and tree nut: The May index, at 131.9, is down 10 percent from April but up 9.8 percent from a year earlier. Price decreases during May for strawberries and apples more than offset price increases for oranges, lemons, grapefruit, and pears.

Vegetable and melon: At 91.8, the index for May increased 1.1 percent from the previous month but decreased 15 percent from May 2020. Price increases during May for tomatoes, onions, potatoes, and celery more than offset price declines for lettuce, broccoli, cucumbers, and sweet corn.

Other crop: The May index, at 90.9, is up 4.2 percent from the previous month and 10 percent from May 2020. The all hay price, at \$176.00 per ton, is \$5.00 higher than April and \$12.00 higher than May 2020. At 69.7 cents per pound, the price for upland cotton is 0.1 cent lower than April but 14.8 cents higher than May 2020.

Livestock production: The index for May, at 107.0, increased 2.9 percent from the previous month and 29 percent from May a year earlier. Meat animal, dairy, and poultry & egg indexes all increased.

Meat animal: At 106.8, the May index increased 0.6 percent from the previous month and 17 percent from a year earlier. At \$79.30 per cwt, the May hog price is \$3.70 higher than April and \$28.30 higher than a year earlier. The May beef cattle price of \$118.00 per cwt is unchanged from the previous month but \$9.00 higher than May 2020.

Dairy: The index for May, at 95.5, is up 4.4 percent from the previous month and 40 percent from May a year ago. The May all milk price of \$19.20 per cwt is 80 cents higher than April and \$5.50 higher than May 2020.

Poultry and egg: At 119.4, the May index increased 5.9 percent from April and 51 percent from May 2020. The May broiler price, at 60.0 cents per pound, is 4.5 cents higher than April and 25.5 cents higher than a year ago. At 80.9 cents per pound, the May turkey price is 3.3 cents higher than the previous month and 10.8 cents higher than May 2020. The May market egg price, at 54.3 cents per dozen, is 2.5 cents lower than April but 5.7 cents higher than May 2020.

Food Commodities: The index, at 108.7, increased 0.7 percent from the previous month and 24 percent from May 2020.

Prices Received Indexes, 2011 Base – United States: May 2021 with Comparisons

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

Index Group	2011 Base		
	May 2020	April 2021	May 2021
	(percent)	(percent)	(percent)
Agricultural production	84.4	104.9	106.8
Crop production	86.4	106.1	106.6
Grain and oilseed	60.9	96.6	103.8
Feed grain	53.6	88.8	98.5
Food grain	79.1	88.9	94.1
Oilseed	67.4	109.6	116.0
Fruit and tree nut	120.1	147.2	131.9
Vegetable and melon	108.2	90.8	91.8
Other crop	82.3	87.2	90.9
Livestock production	82.7	104.0	107.0
Meat animal	91.4	106.2	106.8
Cattle	95.4	103.8	103.1
Hog	76.7	113.7	119.2
Dairy	68.2	91.5	95.5
Poultry and egg	79.3	112.7	119.4
Food commodity	87.5	107.9	108.7

Prices Received Indexes, 1910-1914 Base – United States: May 2021 with Comparisons

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

Index Group	1910 - 1914 Base		
	May 2020	April 2021	May 2021
	(percent)	(percent)	(percent)
Agricultural production	871	1083	1102
Crop production	754	925	930
Livestock production	961	1207	1242

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	88.8	90.0	82.5	88.8	98.4	91.8	96.3	94.8
February	90.6	95.8	86.3	98.1	94.7	93.6	94.9	98.2
March	92.4	98.3	87.1	99.3	97.2	97.4	97.6	101.0
April	81.9	104.9	86.0	106.1	78.4	104.0	84.1	107.9
May	84.4	106.8	86.4	106.6	82.7	107.0	87.5	108.7
June	88.0		89.3		86.7		92.1	
July	86.6		88.4		84.6		90.2	
August	87.3		90.9		83.7		90.7	
September	89.1		94.0		83.9		92.6	
October	89.1		88.2		90.4		94.4	
November	93.0		92.2		94.0		100.8	
December	91.2		91.7		90.7		96.1	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2020 and 2021

[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	
	2020	2021	2020	2021	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	110.8	110.6	107.6	106.0	111.3	110.8	110.2	110.4
February	110.5	111.6	107.1	107.2	111.3	111.0	109.6	112.1
March	109.5	112.4	105.8	108.1	110.8	111.8	108.2	113.0
April	108.0	113.1	104.1	109.2	110.1	112.1	105.9	114.1
May	107.9	114.1	103.9	110.3	110.0	113.2	105.6	115.0
June	107.8		103.8		110.1		105.5	
July	108.4		103.9		110.6		106.1	
August	108.4		103.8		110.5		106.3	
September	108.6		104.1		110.4		106.8	
October	109.1		104.5		110.4		107.7	
November	109.6		105.3		110.5		108.8	
December	110.0		105.8		110.5		109.4	

Prices Received for Field Crops and Fruits – United States: May 2021 with Comparisons

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

Commodity	2011 Base Price	May 2020	April 2021	May 2021
Field crops				
Barley, all dollars/bushel	4.79	4.76	4.83	4.92
Feed dollars/bushel	4.59	3.20	3.91	4.21
Malting dollars/bushel	4.83	4.98	5.04	5.00
Beans, dry edible dollars/cwt	34.60	34.50	33.30	41.30
Canola dollars/cwt	23.10	14.40	23.80	26.10
Chickpeas, all dollars/cwt	35.70	16.80	24.20	24.70
Large dollars/cwt	39.20	17.80	24.90	26.30
Small dollars/cwt	23.40	15.60	21.80	23.30
Corn dollars/bushel	6.02	3.20	5.31	5.91
Cotton, Upland dollars/pound	0.880	0.549	0.698	0.697
Cottonseed dollars/ton	131.00	(NA)	(NA)	(NA)
Flaxseed dollars/bushel	14.20	9.57	18.10	18.30
Hay, all, baled dollars/ton	159.00	164.00	171.00	176.00
Alfalfa dollars/ton	176.00	179.00	187.00	194.00
Other dollars/ton	119.00	131.00	143.00	140.00
Lentils dollars/cwt	27.50	15.60	21.40	23.20
Oats dollars/bushel	3.42	3.10	3.41	3.42
Peanuts, in-shell dollars/pound	0.252	0.211	0.214	0.213
Peas, dry edible dollars/cwt	13.60	9.13	10.40	13.00
Rice, all dollars/cwt	13.70	14.50	13.70	14.00
Long dollars/cwt	12.30	12.90	12.70	12.80
Medium and short dollars/cwt	18.40	17.80	17.60	19.00
Sorghum grain dollars/cwt	10.70	5.92	11.60	12.20
Soybeans dollars/bushel	12.50	8.28	13.90	14.80
Sunflowers, all dollars/cwt	29.00	20.50	23.70	26.40
Wheat, all dollars/bushel	7.44	4.76	6.04	6.46
Winter dollars/bushel	6.93	4.83	6.20	6.55
Durum dollars/bushel	9.22	5.27	6.46	7.15
Other spring dollars/bushel	8.33	4.51	5.86	6.31
Hard red winter dollars/bushel	7.07	4.58	5.99	6.32
Soft red winter dollars/bushel	6.77	5.28	6.97	7.28
Hard red spring dollars/bushel	8.38	4.44	5.85	6.30
White dollars/bushel	6.58	5.56	6.48	6.87
Fruits				
Citrus, equivalent on-tree				
Grapefruit dollars/box	7.47	12.00	23.64	27.20
Lemons dollars/box	12.30	14.38	20.00	26.22
Oranges dollars/box	8.16	12.82	11.30	12.71
Non-citrus, fresh ¹				
Apples dollars/pound	0.325	0.579	0.737	0.721
Grapes dollars/ton	628.00	(S)	(S)	(S)
Peaches dollars/ton	507.00	1,500.00	(S)	1,560.00
Pears dollars/ton	559.00	1,040.00	1,300.00	1,310.00
Strawberries dollars/cwt	104.00	107.00	216.00	145.00

(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: May 2021 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	May 2020	April 2021	May 2021	
Vegetables, fresh ¹					
Asparagus	dollars/cwt	37.50	262.00	226.00	206.00
Beans, snap	dollars/cwt	69.00	49.50	56.10	43.80
Broccoli	dollars/cwt	41.60	46.00	41.70	37.90
Cantaloupes	dollars/cwt	16.50	31.90	32.60	26.90
Carrots	dollars/cwt	30.80	47.00	44.60	46.10
Cauliflower	dollars/cwt	47.00	43.30	52.60	48.80
Celery	dollars/cwt	22.50	45.10	28.70	31.70
Corn, sweet	dollars/cwt	30.70	33.20	34.40	28.40
Cucumbers	dollars/cwt	18.70	27.20	39.50	28.60
Lettuce	dollars/cwt	24.30	20.80	16.10	14.70
Onions ²	dollars/cwt	11.90	27.90	22.20	25.70
Potatoes	dollars/cwt	14.30	12.80	10.80	11.40
Tomatoes	dollars/cwt	51.20	87.00	37.10	58.30
Livestock					
Calves	dollars/cwt	142.00	151.00	168.00	159.00
Cattle, all beef	dollars/cwt	115.00	109.00	118.00	118.00
Cows ³	dollars/cwt	71.60	68.30	71.10	70.80
Steers and heifers	dollars/cwt	117.00	111.00	121.00	121.00
Milk cows ⁴	dollars/head	1,420.00	(NA)	1,310.00	(NA)
Hogs, all	dollars/cwt	66.50	51.00	75.60	79.30
Barrows and gilts	dollars/cwt	66.80	52.70	75.40	80.00
Sows	dollars/cwt	57.90	22.40	79.90	63.30
Dairy and poultry					
Milk, all ⁵	dollars/cwt	20.10	13.70	18.40	19.20
Fat test	percent	3.71	3.88	3.99	3.93
Broilers, live ⁶	dollars/pound	0.459	0.345	0.555	0.600
Eggs, all	dollars/dozen	0.969	0.774	0.855	0.839
Market ⁷	dollars/dozen	0.796	0.486	0.568	0.543
Turkeys, live ⁸	dollars/pound	0.680	0.701	0.776	0.809
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	1.01	0.895	1.10
Seasonal factor	percent	101	77	96	76
Milk, all	dollars/cwt	20.20	14.20	19.30	19.90
Seasonal factor	percent	100	96	96	97

(NA) Not available.

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: 2021 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2019	2020	2021	2019	2020	2021	2019	2020	2021
	(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	5.28	4.88	5.48	3.56	3.79	4.24	8.64	8.84	10.90
February	5.33	4.88	5.83	3.60	3.78	4.75	8.52	8.60	12.70
March	5.19	4.86	5.86	3.61	3.68	4.89	8.52	8.47	13.20
April	4.93	4.85	6.04	3.53	3.29	5.31	8.28	8.35	13.90
May	4.78	4.76	6.46	3.63	3.20	5.91	8.02	8.28	14.80
June	4.81	4.57		3.98	3.16		8.31	8.34	
July	4.52	4.54		4.16	3.21		8.38	8.50	
August	4.34	4.54		3.93	3.12		8.22	8.66	
September ...	4.26	4.73		3.80	3.40		8.35	9.24	
October	4.45	4.98		3.85	3.61		8.60	9.63	
November	4.39	5.24		3.68	3.79		8.59	10.30	
December	4.64	5.46		3.71	3.97		8.70	10.50	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2021 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		
	2019	2020	2021	2019	2020	2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	121.00	122.00	110.00	44.60	47.80	50.20
February	123.00	120.00	112.00	43.40	45.50	56.40
March	126.00	113.00	113.00	46.50	47.70	67.20
April	125.00	108.00	118.00	59.40	42.30	75.60
May	120.00	109.00	118.00	62.30	51.00	79.30
June	114.00	109.00		59.50	41.30	
July	112.00	97.10		56.60	39.90	
August	111.00	103.00		58.50	42.90	
September	103.00	104.00		47.70	49.70	
October	107.00	106.00		49.10	56.30	
November	113.00	107.00		48.00	51.90	
December	118.00	108.00		47.30	49.10	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	(D)	(S)	(S)
California	(D)	(D)	6.67
Colorado	4.25	5.89	5.89
Idaho	5.08	5.86	6.05
Illinois	(D)	7.64	(D)
Indiana	5.44	(D)	(D)
Kansas	4.47	6.17	6.45
Michigan	5.55	6.15	6.37
Minnesota	3.90	5.73	6.30
Missouri	5.86	6.90	7.62
Montana	4.88	5.66	6.19
Nebraska	4.40	5.95	6.05
North Carolina	4.59	7.83	7.51
North Dakota	4.53	6.11	6.45
Ohio	4.97	6.11	6.49
Oklahoma	4.69	6.12	6.38
Oregon	5.79	7.26	7.56
South Dakota	4.52	5.97	6.07
Texas	4.74	6.58	7.45
Washington	5.76	6.73	7.19
United States	4.76	6.04	6.46

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	(S)	(S)
California	(D)	(D)	6.67
Colorado	4.25	5.89	5.89
Idaho	5.06	5.85	6.05
Illinois	(D)	7.64	(D)
Indiana	5.44	(D)	(D)
Kansas	4.47	6.17	6.45
Michigan	5.55	6.15	6.37
Missouri	5.86	6.90	7.62
Montana	4.94	5.64	6.10
Nebraska	4.40	5.95	6.05
North Carolina	4.59	7.83	7.51
North Dakota	(D)	(D)	6.32
Ohio	4.97	6.11	6.49
Oklahoma	4.69	6.12	6.38
Oregon	5.79	7.26	7.56
South Dakota	4.43	5.82	5.82
Texas	4.74	6.58	7.45
Washington	5.75	6.68	7.16
United States	4.83	6.20	6.55

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

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

Prices Received for Durum Wheat – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(S)	(D)	(S)
Idaho	(S)	(D)	(S)
Montana	(D)	(D)	(D)
North Dakota	5.22	6.55	7.16
United States	5.27	6.46	7.15

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	5.11	5.84	6.05
Minnesota	3.90	5.73	6.30
Montana	4.74	5.59	6.19
North Dakota	4.36	6.04	6.39
South Dakota	4.61	6.05	6.20
Washington	5.85	6.87	7.30
United States	4.51	5.86	6.31

Prices Received for Oats – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(S)	(S)
Iowa	3.91	3.55	3.44
Michigan	(D)	3.94	(D)
Minnesota	2.73	3.55	2.98
Montana	(D)	(D)	(S)
Nebraska	3.64	(D)	(D)
New York	(S)	(S)	(S)
North Dakota	2.41	3.18	3.13
Oregon	(S)	(S)	(S)
Pennsylvania	4.50	(D)	(D)
South Dakota	2.90	3.28	3.18
Texas	(D)	(S)	(D)
Wisconsin	3.23	3.31	3.43
United States	3.10	3.41	3.42

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(D)
Colorado	(D)	5.07	4.91
Idaho	5.14	5.02	5.05
Minnesota	(D)	4.31	4.57
Montana	3.77	4.11	4.35
North Dakota	3.79	4.73	4.56
Washington	5.19	5.51	5.67
Wyoming	(S)	(S)	(S)
United States	4.76	4.83	4.92

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(D)	5.07	4.91
Idaho	5.18	5.14	5.08
Minnesota	(D)	4.54	(D)
Montana	4.05	4.15	4.27
North Dakota	4.21	5.00	4.67
Washington	(D)	(D)	5.78
Wyoming	(S)	(S)	(S)
United States	4.98	5.04	5.00

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(D)
Colorado	(S)	(S)	(S)
Idaho	3.55	3.24	4.14
Minnesota	(S)	3.66	(D)
Montana	2.69	4.06	4.55
North Dakota	3.19	4.09	4.09
Washington	3.13	3.65	4.25
Wyoming	(S)	(S)	(S)
United States	3.20	3.91	4.21

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

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

Prices Received for Corn – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	3.36	5.40	6.00
Illinois	3.23	5.41	6.05
Indiana	3.43	5.39	5.87
Iowa	3.12	5.35	6.03
Kansas	3.11	5.71	6.08
Kentucky	3.44	5.44	5.88
Michigan	3.50	5.31	5.85
Minnesota	3.09	4.90	5.34
Missouri	3.38	5.45	6.14
Nebraska	3.10	5.21	5.84
North Carolina	4.05	6.79	7.14
North Dakota	2.89	5.06	5.32
Ohio	3.46	5.54	6.25
Pennsylvania	3.74	6.19	7.31
South Dakota	2.80	5.34	6.06
Tennessee	3.13	5.55	6.49
Texas	3.46	5.53	5.97
Wisconsin	3.09	5.15	5.93
United States	3.20	5.31	5.91

Prices Received for Sorghum Grain – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	5.86	11.30	12.20
Nebraska	5.66	12.10	12.10
Oklahoma	5.82	12.90	(D)
Texas	6.82	12.35	12.42
United States	5.92	11.60	12.20

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

Prices Received for Soybeans – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	8.43	14.70	13.60
Illinois	8.40	13.90	14.90
Indiana	8.62	14.00	15.00
Iowa	8.28	13.70	14.80
Kansas	7.88	14.30	15.20
Kentucky	8.52	13.10	14.00
Louisiana	8.65	14.00	9.86
Michigan	8.59	13.90	14.60
Minnesota	8.17	14.00	14.80
Mississippi	8.11	13.50	15.50
Missouri	8.42	14.20	15.10
Nebraska	7.94	13.80	14.80
North Carolina	8.29	13.50	14.30
North Dakota	7.48	13.60	14.70
Ohio	8.72	14.00	15.00
South Dakota	7.88	13.80	14.80
Tennessee	8.44	14.40	14.00
Wisconsin	8.13	13.80	14.70
United States	8.28	13.90	14.80

Prices Received for Dry Beans – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	(S)	(S)	(D)
Colorado	(D)	(D)	33.70
Idaho	(D)	(D)	(S)
Michigan	(D)	39.20	44.90
Minnesota	36.10	33.90	(D)
Nebraska	(D)	(D)	(D)
North Dakota	33.80	30.60	38.20
United States	34.50	33.30	41.30

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

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

Prices Received for Canola – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	(D)	17.20	16.80
North Dakota	14.40	23.90	27.70
Oklahoma	(D)	(S)	(S)
United States	14.40	23.80	26.10

(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: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.57	18.10	18.30
United States	9.57	18.10	18.30

Prices Received for Peanuts (in shell) – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.203	0.217	0.214
Arkansas	0.190	0.187	(S)
Florida	0.203	0.199	0.214
Georgia	0.197	0.204	0.208
Mississippi	0.212	0.189	0.205
New Mexico	(S)	0.228	0.231
North Carolina	0.211	0.229	0.224
Oklahoma	0.235	0.235	0.224
South Carolina	0.211	0.219	0.211
Texas	0.323	0.287	0.249
Virginia	0.218	0.221	0.219
United States	0.211	0.214	0.213

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

Prices Received for Sunflower – States and United States: May 2021 with Comparisons

State	May 2020	April 2021	May 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	(D)
Minnesota	18.90	(D)	23.50
North Dakota	21.10	23.70	27.10
South Dakota	20.50	23.90	26.20
United States	20.50	23.70	26.40

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

Prices Received for Upland Cotton and Cottonseed – States and United States: May 2021 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	May 2020	April 2021	May 2021	May 2020	April 2021	May 2021
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.592	(D)	(D)	(NA)	(NA)	(NA)
Arizona	(S)	(S)	(S)	(NA)	(NA)	(NA)
Arkansas	(D)	(D)	(D)	(NA)	(NA)	(NA)
California	(D)	(S)	(S)	(NA)	(NA)	(NA)
Georgia	0.591	0.728	0.718	(NA)	(NA)	(NA)
Louisiana	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mississippi	(D)	(D)	(D)	(NA)	(NA)	(NA)
North Carolina	0.544	(D)	(D)	(NA)	(NA)	(NA)
Tennessee	0.524	0.762	(D)	(NA)	(NA)	(NA)
Texas	0.521	0.652	0.655	(NA)	(NA)	(NA)
United States	0.549	0.698	0.697	(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: May 2021 with Comparisons

Item	May 2020	April 2021	May 2021
Cotton, Upland			
Average price dollars/pound	0.549	0.698	0.697
Marketings ¹ 1,000 bales	431	437	367
Rice, all			
Average price dollars/cwt	14.50	13.70	14.00
Marketings ² 1,000 cwt	8,134	12,160	9,222
Rice, long			
Average price dollars/cwt	12.90	12.70	12.80
Marketings ² 1,000 cwt	5,541	9,642	7,365
Rice, medium and short			
California			
Average price dollars/cwt	22.20	20.10	20.00
Other States ³			
Average price dollars/cwt	11.70	13.50	13.90
United States			
Average price dollars/cwt	17.80	17.60	19.00
Marketings ² 1,000 cwt	2,593	2,517	1,857

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: May 2021 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	May 2020	April 2021	May 2021	May 2020	April 2021	May 2021	May 2020	April 2021	May 2021
	(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	190.00	200.00	200.00	190.00	200.00	200.00	185.00	190.00	190.00
California	184.00	198.00	199.00	195.00	205.00	210.00	145.00	165.00	160.00
Colorado	230.00	221.00	221.00	230.00	220.00	220.00	235.00	230.00	230.00
Idaho	149.00	159.00	158.00	150.00	160.00	160.00	140.00	140.00	140.00
Illinois	155.00	154.00	154.00	175.00	165.00	165.00	125.00	115.00	120.00
Iowa	117.00	113.00	137.00	123.00	120.00	147.00	103.00	97.00	118.00
Kansas	119.00	136.00	145.00	133.00	171.00	168.00	96.00	94.00	105.00
Kentucky	160.00	164.00	170.00	205.00	215.00	215.00	130.00	140.00	140.00
Michigan	136.00	189.00	187.00	165.00	205.00	200.00	110.00	150.00	155.00
Minnesota	139.00	131.00	152.00	147.00	152.00	165.00	92.00	87.00	112.00
Missouri	121.00	111.00	114.00	155.00	155.00	155.00	110.00	100.00	100.00
Montana	126.00	153.00	162.00	125.00	155.00	165.00	130.00	145.00	145.00
Nebraska	106.00	113.00	117.00	111.00	124.00	125.00	87.00	93.00	90.00
Nevada	180.00	189.00	185.00	180.00	190.00	185.00	175.00	180.00	175.00
New Mexico	216.00	226.00	231.00	225.00	235.00	240.00	170.00	180.00	185.00
New York	151.00	184.00	168.00	233.00	224.00	220.00	145.00	171.00	155.00
North Dakota	84.00	118.00	133.00	85.00	124.00	136.00	67.00	84.00	97.00
Ohio	170.00	181.00	189.00	195.00	210.00	215.00	140.00	150.00	155.00
Oklahoma	111.00	124.00	129.00	140.00	199.00	201.00	105.00	113.00	115.00
Oregon	189.00	195.00	200.00	200.00	200.00	205.00	160.00	180.00	185.00
Pennsylvania	169.00	191.00	174.00	251.00	262.00	254.00	160.00	181.00	160.00
South Dakota	97.00	119.00	127.00	102.00	132.00	137.00	79.00	91.00	87.00
Texas	149.00	156.00	173.00	179.00	228.00	230.00	133.00	144.00	144.00
Utah	170.00	199.00	199.00	170.00	200.00	200.00	125.00	135.00	135.00
Washington	175.00	173.00	190.00	175.00	175.00	185.00	175.00	170.00	200.00
Wisconsin	162.00	148.00	164.00	163.00	157.00	173.00	158.00	121.00	134.00
Wyoming	170.00	180.00	180.00	175.00	180.00	180.00	145.00	180.00	180.00
United States	164.00	171.00	176.00	179.00	187.00	194.00	131.00	143.00	140.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: May 2021

State	May 2020	April 2021	May 2021
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	215.00	230.00	235.00
Idaho	160.00	175.00	175.00
Michigan	180.00	230.00	225.00
Minnesota	238.00	235.00	232.00
New York	266.00	295.00	270.00
Pennsylvania	350.00	313.00	280.00
Texas	218.00	235.00	241.00
Wisconsin	234.00	214.00	232.00
5-State Total ^{1 2}	211.00	211.00	226.00

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 May 2020, includes California, Idaho, New York, Texas, and Wisconsin. For April 2021, includes California, Idaho, New York, Texas, and Wisconsin. For May 2021, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization – United States: May 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)	14.68	(D)	(D)	12.00	(D)	(D)
Lemons	40.80	20.67	30.37	(D)	14.38	23.59	(D)
Oranges	32.70	15.82	21.99	12.59	12.82	19.08	9.53

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

Prices Received for Citrus Fruits by Utilization – United States: April 2021

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)	26.48	(D)	(D)	23.64	(D)	(D)
Lemons	44.20	26.60	33.56	(D)	20.00	26.64	(D)
Oranges	32.50	14.37	21.80	11.57	11.30	18.83	8.47

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

Prices Received for Citrus Fruits by Utilization – United States: May 2021

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)	29.92	(D)	(D)	27.20	(D)	(D)
Lemons	46.40	33.01	35.76	(D)	26.22	28.84	(D)
Oranges	33.50	15.76	22.75	11.39	12.71	19.78	8.29

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

Prices Received for All Milk – States and United States: May 2021 with Comparisons

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

State	May 2020		April 2021		May 2021	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	12.60	3.69	16.70	3.67	17.50	3.67
California	13.20	3.82	18.50	3.90	19.30	3.84
Colorado	14.50	3.74	18.10	3.88	18.50	3.77
Florida	17.60	3.67	20.60	3.61	21.50	3.59
Georgia	16.00	3.67	19.30	3.71	20.40	3.64
Idaho	14.50	3.93	18.90	4.10	19.30	4.02
Illinois	13.50	3.90	17.70	3.99	18.50	3.92
Indiana	13.60	3.85	18.30	3.93	19.10	3.92
Iowa	15.00	3.96	19.40	4.13	20.00	4.11
Kansas	12.50	3.94	16.70	4.06	17.80	4.01
Michigan	12.10	3.78	17.20	3.88	18.10	3.84
Minnesota	15.30	4.02	20.00	4.26	20.20	4.17
New Mexico	11.40	3.65	16.00	3.81	16.90	3.73
New York	13.30	3.88	18.30	3.98	19.00	3.94
Ohio	14.70	3.88	18.70	3.88	19.50	3.86
Oregon	16.30	3.95	21.00	4.05	21.70	3.97
Pennsylvania	14.00	3.88	18.40	3.95	19.30	3.92
South Dakota	14.80	4.23	20.70	4.46	21.60	4.41
Texas	13.90	4.09	17.70	4.22	18.60	4.15
Utah	13.80	3.85	18.30	3.94	19.20	3.86
Vermont	13.90	3.93	18.90	4.01	19.70	3.99
Virginia	16.20	3.81	19.40	3.83	20.40	3.80
Washington	13.00	3.95	18.20	4.05	19.00	3.97
Wisconsin	13.70	3.87	18.80	4.01	19.70	3.96
United States	13.70	3.88	18.40	3.99	19.20	3.93

Prices Received for Milk Cows – States and United States: April 2021 with Comparisons

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

State	April 2020	January 2021	April 2021
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,350	1,500	1,450
California	1,300	1,350	1,400
Colorado	1,250	1,300	1,350
Florida	1,310	1,400	1,360
Georgia	1,310	1,280	1,200
Idaho	1,250	1,350	1,400
Illinois	1,200	1,290	1,350
Indiana	1,220	1,350	1,300
Iowa	1,170	1,310	1,320
Kansas	1,350	1,400	1,380
Michigan	1,300	1,400	1,425
Minnesota	1,100	1,260	1,290
New Mexico	1,350	1,400	1,450
New York	1,190	1,300	1,260
Ohio	1,170	1,230	1,300
Oregon	1,150	1,300	1,300
Pennsylvania	1,170	1,250	1,220
South Dakota	1,230	1,350	1,300
Texas	1,350	1,400	1,350
Utah	1,150	1,200	1,200
Vermont	1,300	1,350	1,330
Virginia	1,160	1,180	1,250
Washington	1,200	1,350	1,350
Wisconsin	1,250	1,470	1,490
United States	1,250	1,360	1,310

Commodity Parity Prices and Price as Percent of Parity Price – United States: May 2021 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		
		May 2020	April 2021	May 2021	May 2020	April 2021	May 2021
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheatbushel	0.547	16.40	16.70	16.90	29	36	38
Ricecwt	1.29	38.00	39.30	39.80	38	35	35
Cornbushel	0.422	12.70	12.90	13.00	25	41	45
Cotton							
Uplandpound	0.068	2.06	2.07	2.10	27	34	33
American Pimapound	0.135	4.12	4.11	4.17	26	26	25
Peanutspound	0.022	0.677	0.670	0.679	31	32	31
Small chickpeas ¹cwt	2.30	70.70	70.10	71.00	22	31	33
Large chickpeas ¹cwt	2.97	91.90	90.50	91.70	19	28	29
Lentils ¹cwt	2.26	70.40	68.90	69.80	22	31	33
Designated non-basic							
All milk, to plants ²cwt	1.79	53.00	54.50	55.30	27	35	36
Honey, extracted ³pound	0.193	5.62	5.88	5.96	35	34	33
Wool and mohair							
Woolpound	0.151	4.39	4.60	4.66	43	36	36
Mohairpound	0.460	13.50	14.00	14.20	44	36	36
Other non-basic							
Apples, fresh ⁴pound	0.038	1.060	1.160	1.170	55	64	62
Barleybushel	0.494	14.60	15.10	15.20	33	32	32
Canolacwt	1.81	55.10	55.20	55.90	26	43	47
Cottonseedton	19.30	574.00	588.00	596.00	33	32	31
Dry edible beanscwt	3.12	91.60	95.10	96.30	38	35	43
Flaxseedbushel	1.07	32.10	32.60	33.00	30	56	55
Oatsbushel	0.289	8.54	8.81	8.92	36	39	38
Potatoes, freshcwt	1.06	31.50	32.30	32.70	41	33	35
Sorghum graincwt	0.728	21.70	22.20	22.50	27	52	54
Soybeansbushel	1.03	31.20	31.40	31.80	27	44	47
Sunflower, allcwt	2.07	60.90	63.10	63.90	34	38	41
Citrus (equivalent on-tree)							
Grapefruitbox	0.905	24.60	27.60	27.90	49	86	97
Lemonsbox	1.98	55.10	60.30	61.10	26	33	43
Orangesbox	1.050	29.70	32.00	32.40	43	35	39
Livestock and poultry							
Beef cattlecwt	11.80	350.00	360.00	364.00	31	33	32
Broilerspound	0.050	1.53	1.52	1.54	23	37	39
Calvescwt	17.40	509.00	530.00	537.00	30	32	30
Eggs ²dozen	0.099	2.97	3.02	3.06	34	30	36
Hogscwt	5.55	168.00	169.00	171.00	30	45	46
Turkeys, livepound	0.066	1.940	2.010	2.040	36	39	40

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: May 2021 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			
		May 2020	April 2021	May 2021	
	(dollars)	(dollars)	(dollars)	(dollars)	
Field crops and miscellaneous					
Hops	pound	0.440	12.40	13.40	13.60
Mustard seed	cwt	3.07	92.70	93.50	94.80
Rapeseed	cwt	2.55	77.70	77.70	78.70
Rye	bushel	0.631	18.50	19.20	19.50
Safflower	cwt	2.19	64.50	66.70	67.60
Spearmint oil	pound	1.74	51.50	53.00	53.70
Sweet potatoes	cwt	2.04	59.20	62.20	63.00
Tobacco					
Flue-cured, 11-14	pound	0.185	5.51	5.64	5.71
Fire-cured, 21-23	pound	0.256	7.57	7.80	7.90
Burley, 31	pound	0.183	5.42	5.58	5.65
Maryland, 32	pound	0.174	5.09	5.30	5.37
Dark air-cured, 35-37	pound	0.228	6.74	6.95	7.04
Pennsylvania seedleaf, 41	pound	0.214	5.92	6.52	6.61
Non-citrus fruit					
Apples, processing ^{1 2}	ton	20.80	598.00	634.00	642.00
Apricots, fresh ³	ton	127.00	3,770.00	3,870.00	3,920.00
Avocados ^{2 3}	ton	194.00	5,830.00	5,910.00	5,990.00
Cherries					
Sweet	ton	212.00	6,180.00	6,460.00	6,540.00
Tart ²	pound	0.029	0.883	0.884	0.895
Cranberry ^{2 4}	barrel	3.38	105.00	103.00	104.00
Dates (California) ³	ton	206.00	5,420.00	6,280.00	6,360.00
Grapes (California)					
Wine, processing	ton	78.50	2,230.00	2,390.00	2,420.00
Kiwifruit ²	ton	117.00	3,090.00	3,560.00	3,610.00
Nectarines, fresh (California) ³	ton	81.10	2,310.00	2,470.00	2,500.00
Olives, canning (California) ⁴	ton	112.00	3,270.00	3,410.00	3,460.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: May 2021 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		
		May 2020	April 2021	May 2021
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii)pound	0.042	1.32	1.28	1.30
Peaches, fresh ^{4 6} ton	106.00	3,030.00	3,230.00	3,270.00
Pears, fresh ⁶ ton	63.00	1,880.00	1,920.00	1,940.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	80.40	2,190.00	2,450.00	2,480.00
Strawberries				
Fresh ¹⁰pound	10.20	289.00	311.00	315.00
Processingpound	3.91	110.00	119.00	121.00
Sugar crops				
Sugarbeets ^{2 8} ton	4.71	145.00	144.00	145.00
Sugarcane ^{2 8} ton	3.47	103.00	106.00	107.00
Tree nuts ⁹				
Almondspound	0.258	7.45	7.86	7.96
Hazelnuts ton	237.00	6,980.00	7,220.00	7,320.00
Pistachiospound	0.250	7.18	7.62	7.72
Walnuts ton	237.00	6,950.00	7,220.00	7,320.00
Vegetables, fresh ¹⁰				
Carrots ¹¹ cwt	2.64	83.00	80.40	81.50
Cauliflower ¹¹ cwt	4.62	137.00	141.00	143.00
Celery ¹¹ cwt	2.13	60.40	64.90	65.80
Honeydew melons cwt	2.07	74.20	63.10	63.90
Lettuce cwt	2.74	74.20	83.50	84.60
Onions ¹¹ cwt	1.44	41.50	43.90	44.50
Tomatoes cwt	4.05	118.00	123.00	125.00

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

Barley: June 1 to May 31 for United States; June 1 to May 31 for Arizona, California, Delaware, Maryland, Pennsylvania, and Virginia; August 1 to July 31 for Alaska; July 1 to June 30 for all other States.

Oats: June 1 to May 31 for United States; May 1 to April 30 for Georgia and Texas; June 1 to May 31 for Arkansas, North Carolina, and Oklahoma; August 1 to July 31 for Maine and New York; September 1 to August 31 for Alaska; July 1 to June 30 for all other States.

Wheat: June 1 to May 31 for United States; May 1 to April 30 for Alabama, Georgia, Louisiana, Mississippi, and Texas; June 1 to May 31 for Arizona, Arkansas, California, Delaware, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, and Virginia; July 1 to June 30 for all other States.

Prices Received and Farm Marketings for All Barley by Month – United States: Marketing Years 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May. Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices]

Month	Prices received			Farm marketing percentages		
	2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(percent)	(percent)	(percent)
June	4.62	4.82	4.57	6.9	5.5	4.1
July	4.52	4.69	4.66	8.7	5.4	6.2
August	4.54	4.74	4.60	19.0	13.1	17.0
September	4.49	4.56	4.76	9.0	12.7	9.7
October	4.25	4.58	4.74	6.2	6.6	7.8
November	4.78	4.74	4.78	8.0	7.5	5.1
December	4.64	4.51	4.79	8.9	8.2	9.9
January ¹	4.57	4.67	4.67	8.1	8.7	11.5
February	4.65	4.68	4.97	6.2	8.8	8.8
March	4.88	4.89	4.90	6.6	12.0	9.2
April	4.80	4.64	4.83	5.9	6.4	5.7
May	4.90	4.76	4.92	6.5	5.1	5.0
MYA	4.62	4.69	4.75	100.0	100.0	100.0

¹ Second year.

Prices Received and Farm Marketings for Malting Barley by Month – United States: Marketing Years 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May. Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices]

Month	Prices received			Farm marketing percentages		
	2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(percent)	(percent)	(percent)
June	4.88	4.88	4.95	(NA)	(NA)	3.6
July	4.79	4.83	4.92	(NA)	(NA)	5.8
August	4.68	4.89	4.77	(NA)	(NA)	17.1
September	4.72	4.78	4.92	(NA)	(NA)	9.9
October	4.42	4.77	4.98	(NA)	(NA)	7.5
November	4.85	4.84	5.00	(NA)	(NA)	5.0
December	4.78	4.81	4.86	(NA)	(NA)	10.7
January ¹	4.71	4.82	4.82	(NA)	(NA)	11.7
February	4.75	4.78	5.02	(NA)	(NA)	9.5
March	5.02	5.07	5.04	(NA)	(NA)	9.1
April	4.92	4.74	5.04	(NA)	(NA)	5.1
May	5.03	4.98	5.00	(NA)	(NA)	5.0
MYA	4.78	4.85	4.92	(NA)	(NA)	100.0

(NA) Not available.

¹ Second year.

Prices Received and Farm Marketings for Feed Barley by Month – United States: Marketing Years 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May. Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices]

Month	Prices received			Farm marketing percentages		
	2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(percent)	(percent)	(percent)
June	3.79	4.32	3.25	(NA)	(NA)	8.7
July	3.41	3.89	3.37	(NA)	(NA)	9.8
August	3.12	3.43	3.04	(NA)	(NA)	16.1
September	3.07	3.18	3.11	(NA)	(NA)	8.0
October	2.97	3.10	3.28	(NA)	(NA)	10.0
November	3.23	2.81	3.32	(NA)	(NA)	6.5
December	3.06	3.32	3.01	(NA)	(NA)	3.5
January ¹	3.11	3.27	3.20	(NA)	(NA)	9.9
February	3.23	3.16	3.50	(NA)	(NA)	2.9
March	3.23	3.55	3.82	(NA)	(NA)	9.9
April	3.39	3.16	3.91	(NA)	(NA)	10.1
May	3.44	3.20	4.21	(NA)	(NA)	4.6
MYA	3.29	3.39	3.39	(NA)	(NA)	100.0

(NA) Not available.

¹ Second year.

Prices Received and Farm Marketings for Oats by Month – United States: Marketing Years 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May. Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices]

Month	Prices received			Farm marketing percentages		
	2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(percent)	(percent)	(percent)
June	3.04	3.35	3.16	3.6	3.8	3.4
July	2.61	3.09	2.97	7.3	5.5	15.3
August	2.47	2.72	2.54	28.1	26.6	37.9
September	2.62	2.67	2.47	12.7	19.6	11.7
October	2.71	2.83	2.72	5.9	8.5	4.1
November	2.55	2.95	2.97	5.3	3.1	2.5
December	2.67	3.02	2.69	6.2	4.4	4.3
January ¹	2.67	2.84	3.00	8.0	9.1	7.9
February	2.84	2.73	3.11	2.9	6.3	2.5
March	2.67	2.79	3.07	7.9	5.7	5.4
April	3.01	2.97	3.41	7.1	4.4	2.8
May	3.11	3.10	3.42	5.0	3.0	2.2
MYA	2.66	2.82	2.77	100.0	100.0	100.0

¹ Second year.

Prices Received and Farm Marketings for All Wheat by Month – United States: Marketing Years 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May. Monthly farm marketings, based on a sample survey, as percent of total used for calculating MYA prices]

Month	Prices received			Farm marketing percentages		
	2018-2019	2019-2020	2020-2021	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(percent)	(percent)	(percent)
June	5.19	4.81	4.57	12.3	8.7	11.0
July	5.00	4.52	4.54	21.6	18.2	17.2
August	5.31	4.34	4.54	17.4	12.4	12.8
September	5.15	4.26	4.73	7.7	9.8	10.3
October	5.22	4.45	4.98	5.4	8.8	7.4
November	5.23	4.39	5.24	4.6	7.1	3.9
December	5.28	4.64	5.46	7.9	9.5	10.7
January ¹	5.28	4.88	5.48	8.0	9.8	10.6
February	5.33	4.88	5.83	3.9	4.3	4.3
March	5.19	4.86	5.86	3.8	4.6	5.3
April	4.93	4.85	6.04	3.2	4.3	3.9
May	4.78	4.76	6.46	4.2	2.5	2.6
MYA	5.16	4.58	5.05	100.0	100.0	100.0

¹ Second year.

Prices Received for Winter Wheat by Month, Marketing Year Average – United States: 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	5.05	4.76	4.44
July	4.92	4.48	4.53
August	5.24	4.28	4.51
September	5.14	4.19	4.68
October	5.22	4.35	4.97
November	5.20	4.35	5.33
December	5.24	4.58	5.60
January ¹	5.25	4.86	5.55
February	5.40	4.98	5.96
March	5.16	4.84	6.05
April	4.86	4.88	6.20
May	4.74	4.83	6.55
MYA	5.08	4.53	4.98

¹ Second year.

Prices Received for Durum Wheat by Month, Marketing Year Average – United States: 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	6.54	5.59	6.52
July	5.79	5.53	6.01
August	5.05	4.67	5.59
September	5.00	4.64	5.66
October	4.99	4.54	5.66
November	4.72	4.17	5.83
December	4.83	4.44	5.87
January ¹	4.86	4.72	5.88
February	4.72	4.96	6.37
March	5.05	5.46	6.00
April	4.85	5.26	6.46
May	4.92	5.27	7.15
MYA	5.33	4.90	6.02

¹ Second year.

Prices Received for Other Spring Wheat by Month, Marketing Year Average – United States: 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	5.67	4.79	4.47
July	5.41	4.64	4.36
August	5.41	4.43	4.51
September	5.16	4.35	4.73
October	5.26	4.70	4.91
November	5.33	4.53	5.03
December	5.36	4.79	5.17
January ¹	5.37	4.92	5.34
February	5.30	4.74	5.62
March	5.23	4.82	5.64
April	5.03	4.72	5.86
May	4.86	4.51	6.31
MYA	5.31	4.66	5.09

¹ Second year.

**Prices Received for Hard Red Winter Wheat by Month, Marketing Year Average – United States:
2018-2019 through 2020-2021**

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	5.12	4.64	4.33
July	4.90	4.30	4.27
August	5.25	3.88	4.30
September	5.10	3.76	4.55
October	5.07	3.87	4.76
November	4.99	4.03	5.22
December	5.10	4.23	5.55
January ¹	5.04	4.53	5.41
February	5.12	4.63	5.72
March	5.02	4.62	5.83
April	4.59	4.64	5.99
May	4.54	4.58	6.32
MYA	5.01	4.24	4.75

¹ Second year.

**Prices Received for Soft Red Winter Wheat by Month, Marketing Year Average – United States:
2018-2019 through 2020-2021**

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	4.80	5.32	4.86
July	4.85	5.07	5.12
August	5.14	4.92	5.06
September	4.79	4.89	5.21
October	5.10	5.08	5.58
November	5.01	5.29	6.03
December	5.21	5.43	6.38
January ¹	5.27	5.55	5.93
February	5.27	5.71	6.53
March	5.11	5.75	6.52
April	4.69	5.64	6.97
May	4.81	5.28	7.28
MYA	4.90	5.14	5.26

¹ Second year.

Prices Received for Hard Red Spring Wheat by Month, Marketing Year Average – United States: 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	5.72	4.78	4.45
July	5.43	4.62	4.34
August	5.43	4.38	4.47
September	5.16	4.30	4.73
October	5.25	4.64	4.89
November	5.33	4.48	4.99
December	5.36	4.76	5.15
January ¹	5.36	4.89	5.33
February	5.28	4.70	5.60
March	5.22	4.80	5.62
April	5.02	4.68	5.85
May	4.83	4.44	6.30
MYA	5.32	4.62	5.07

¹ Second year.

Prices Received for White Wheat by Month, Marketing Year Average – United States: 2018-2019 through 2020-2021

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of June through May]

Month	2018-2019	2019-2020	2020-2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
June	4.90	5.39	5.52
July	5.30	5.47	5.33
August	5.23	5.28	5.04
September	5.21	5.14	4.89
October	5.39	5.37	5.20
November	5.48	5.42	5.38
December	5.42	5.40	5.65
January ¹	5.53	5.51	5.71
February	5.81	5.65	6.21
March	5.41	5.38	6.22
April	5.29	5.49	6.48
May	5.25	5.56	6.87
MYA	5.35	5.39	5.53

¹ Second 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.

May Prices Paid by Farmers

The May Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 114.1, is up 0.9 percent from April 2021 and 5.7 percent from May 2020.

Production: The May index, at 110.3, is up 1.0 percent from April and 6.2 percent from last year. Higher prices in May for complete feeds, feed grains, supplements, and nitrogen more than offset lower prices for feeder cattle, feeder pigs, and LP gas.

Feed: At 117.0, the May index increased 4.3 percent from April and 16 percent from last May. Since April, prices are higher for complete feeds, feed grains, supplements, hay & forages, and concentrates.

Livestock and poultry: The May index, at 103.6, is down 5.6 percent from April but up 15 percent from last year. Since April, prices are lower for feeder cattle and feeder pigs. The feeder cattle price, at \$137.00 per cwt, is down \$7.00 per cwt from the preview month. The feeder pigs price, at \$203.00 per cwt, is down \$40.00 per cwt from April.

Fertilizer: The index for May, at 74.6, is up 6.4 percent from April and 4.9 percent from May a year ago. Since April, prices are higher for nitrogen, potash & phosphate, and mixed fertilizer.

Chemicals: The May index, at 95.2, is unchanged from April but down 3.4 percent from last May.

Fuels: At 57.8, the May index is up 2.5 percent from April but down 5.7 percent from May 2020. Compared with April, prices are higher for diesel and gasoline but lower for LP gas.

Machinery: The index for May, at 127.1, increased 1.4 percent from April and 3.5 percent from last May. Compared with last month, prices are higher for other machinery and tractors.

Consumer Price Index: The May 2021 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 5.0 percent over the last 12 months to an index level of 269.195 (1982-1984=100). For the month, the index increased 0.8 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: May 2021 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		
	May 2020	April 2021	May 2021	May 2020	April 2021	May 2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2919	3061	3087	107.9	113.1	114.1
Production	2163	2273	2297	103.9	109.2	110.3
Feed	1108	1236	1289	100.5	112.2	117.0
Livestock and poultry	1784	2167	2046	90.4	109.8	103.6
Seeds	3711	3718	3718	112.9	113.1	113.1
Fertilizer	856	844	898	71.1	70.1	74.6
Chemicals	885	855	855	98.6	95.2	95.2
Fuels	1715	1578	1616	61.3	56.4	57.8
Supplies and repairs	1374	1416	1440	116.5	120.1	122.1
Autos and trucks	3265	3332	3381	106.2	108.4	110.0
Machinery	7506	7657	7766	122.8	125.3	127.1
Building materials	2764	3120	3241	118.8	134.1	139.3
Services and rent	2470	2499	2511	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	115.6	119.0	119.9
Rent	(NA)	(NA)	(NA)	117.6	115.4	115.4
Interest ¹	3678	3696	3696	100.9	101.4	101.4
Taxes ²	7047	7143	7143	118.7	120.4	120.4
Wage rates	9529	10130	10130	133.1	141.5	141.5
Family living-CPI ³	2436	2537	2557	114.0	118.7	119.7
Production, interest, taxes, and wage rates (PITW)	3013	3163	3191	106.9	112.2	113.2
Ratio (received/paid)	(NA)	(NA)	(NA)	78	93	94
Parity ratio ⁴	30	35	36	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	37	38	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1671	1756	1763	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	110.0	112.1	113.2
Livestock sector (PPITW)	(NA)	(NA)	(NA)	105.6	114.1	115.0
Farm sector (production)	(NA)	(NA)	(NA)	99.4	111.5	111.8
Non-farm sector (production)	(NA)	(NA)	(NA)	106.6	107.7	109.4

(NA) Not available.

¹ Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

² Farm real estate taxes payable per acre.

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

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

⁵ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 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: May 2021 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)		
	2020	2021	May 2020	April 2021	May 2021
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	72.9	72.8	103.9	109.2	110.3
Feed	13.3	13.8	100.5	112.2	117.0
Feed grains	1.9	2.0	55.6	91.5	100.4
Complete feeds	6.5	6.7	106.7	115.9	120.5
Hay and forages	1.7	1.7	105.0	111.6	113.1
Concentrates	2.1	2.2	115.0	118.1	119.2
Supplements	1.1	1.2	107.1	115.4	126.5
Livestock and poultry	9.2	9.5	90.4	109.8	103.6
Feeder cattle	7.2	7.4	94.9	104.8	99.8
Feeder pigs	0.7	0.8	32.1	173.6	145.0
Milk cow replacements	0.7	0.8	88.0	92.3	92.3
Poultry	0.6	0.6	113.1	113.1	113.1
Seeds	5.1	5.0	112.9	113.1	113.1
Field crops	4.6	4.6	111.6	112.4	112.4
Grasses and legumes	0.5	0.5	125.4	119.8	119.8
Fertilizer	5.1	5.4	71.1	70.1	74.6
Mixed fertilizer	2.2	2.4	69.8	66.0	68.2
Nitrogen	2.1	2.3	74.0	74.8	80.2
Potash and phosphate	0.7	0.8	66.1	68.9	77.5
Chemicals	3.5	3.6	98.6	95.2	95.2
Herbicides	2.2	2.2	100.1	96.2	96.2
Insecticides	0.8	0.8	93.4	93.0	93.0
Fungicides and other	0.5	0.5	100.0	94.5	94.5
Fuels	3.2	3.3	61.3	56.4	57.8
Diesel	2.0	2.0	55.3	52.1	53.5
Gasoline	0.7	0.7	55.3	60.6	63.2
LP gas	0.5	0.5	90.9	67.1	66.6
Supplies and repairs	4.6	4.5	116.5	120.1	122.1
Supplies	1.5	1.5	117.1	123.7	126.3
Repairs	3.0	3.0	116.2	118.2	119.9
Autos and trucks	1.2	1.1	106.2	108.4	110.0
Autos	0.2	0.1	100.7	102.3	103.9
Trucks	1.1	1.0	107.1	109.3	110.9
Machinery	4.7	4.3	122.8	125.3	127.1
Tractors	1.0	0.9	111.9	114.7	116.3
Self-propelled	1.9	1.7	125.2	121.6	121.6
Other machinery	1.8	1.6	126.7	135.4	139.1
Building materials	4.0	3.7	118.8	134.1	139.3
Services	11.9	11.8	115.6	119.0	119.9
Custom rates	1.2	1.2	119.6	119.6	119.6
Other services	10.7	10.6	115.1	118.9	119.9
Rent	7.1	6.8	117.6	115.4	115.4
Cash	3.8	3.6	124.5	123.1	123.1
Share	3.3	3.1	109.7	106.5	106.5
Interest	2.6	2.5	100.9	101.4	101.4
Taxes	3.1	3.1	118.7	120.4	120.4
Wage rates	7.4	7.5	133.1	141.5	141.5
Family living-CPI	14.0	14.1	114.0	118.7	119.7

Feed Price Ratios – United States: May 2021 with Comparisons

Feed price ratio ¹	May 2020	April 2021	May 2021
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	3.8	3.6	3.6
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	6.3	4.4	3.9
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	15.9	14.2	13.4
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.78	1.75	1.69
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	34.7	22.8	20.5
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	8.3	5.8	5.6

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: May 2021 with Comparisons

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

Item	May 2020	April 2021	May 2021
	(dollars)	(dollars)	(dollars)
Broilers, livepound	0.345	0.555	0.600
Eggs, marketdozen	0.486	0.568	0.543
Hogs, allcwt	51.00	75.60	79.30
Milk, allcwt	13.70	18.40	19.20
Steers and heiferscwt	111.00	121.00	121.00
Turkeys, livepound	0.701	0.776	0.809
Cornbushel	3.20	5.31	5.91
Hay, alfalfaton	179.00	187.00	194.00
Soybeansbushel	8.28	13.90	14.80
Wheat, allbushel	4.76	6.04	6.46

Prices Paid for Feeder Livestock – United States: May 2021 with Comparisons

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

Item	May 2020	April 2021	May 2021
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	130.00	144.00	137.00
Feeder pigscwt	45.00	243.00	203.00

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.

Information Contacts

General

Tony Dorn, 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

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

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

James Johanson – Rye, Wheat (202) 720-8068

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

Becky Sommer – Cotton, Cotton Ginnings, Sorghum (202) 720-5944

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

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

Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section (202) 720-2127

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

Heidi Lanouette – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins,
Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes (202) 720-4285

Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup,
Nectarines, Pears, Snap Beans, Spinach, Tomatoes (202) 720-3250

Fleming Gibson – Almonds, Apples, Asparagus, Carrots, Coffee, Onions
Plums, Prunes, Sweet Corn, Tobacco (202) 720-2127

Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Hazelnuts,
Kiwifruit, Lemons, Mandarins and Tangerines, Mint, Mushrooms, Olives, Oranges (202) 720-5412

Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils,
Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons (202) 720-2157

Livestock Prices Received

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

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

Ryan Cowen – Cattle and Cattle on Feed (202) 720-3040

Logan Hartley – Sheep and Goats (202) 690-3236

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

Anthony Fischer – Hogs and Pigs (202) 720-3106

Jean Porter, Head, Poultry and Specialty Commodities Section

Fatema Haque – Turkeys (202) 505-0041

Adam Peters – Honey (202) 690-3237

Autumn Stone – Eggs (202) 690-3676

Takiyah Walker – Broilers (202) 720-6147

Indexes, Prices Paid, and Parity Prices

Tony Dorn, Chief, Environmental, Economics, and Demographics Branch (202) 720-6146

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

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

Thomas Laidley – Prices Received Indexes, Parity Prices (202) 221-9280

Max Reason – Prices Received Indexes, Parity Prices, Prices Paid Indexes (202) 720-8844

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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