Agricultural Prices

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December Prices Received Index Down 0.4 Percent

The December Prices Received Index 2011 Base (Agricultural Production), at 113.5, decreased 0.4 percent from November and 18 percent from December 2022. At 101.7, the Crop Production Index was up 0.7 percent from last month but down 21 percent from the previous year. The Livestock Production Index, at 130.0, decreased 3.0 percent from November, and 14 percent from December last year. Producers received lower prices during December for cattle, milk, hogs, and turkeys, but higher prices for broilers, corn, onions, and eggs. In addition to prices, the volume change of commodities marketed also influences the indexes. In December, there was decreased monthly movement for corn, grapes, soybeans, and calves, and increased marketing of broilers, milk, wheat, and cotton.

December Prices Paid Index Down 0.5 Percent

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.6, is down 0.5 percent from November 2023 and 0.6 percent from December 2022. Lower prices in December for feeder cattle, diesel, complete feeds, and gasoline more than offset higher prices for feeder pigs, LP gas, nitrogen, and potash & phosphate.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: December 2023 with Comparisons

Index Group	December 2022	November 2023	December 2023
	(percent)	(percent)	(percent)
Prices received by farmers	137.8	114.0	113.5
Prices paid by farmers	138.4	138.3	137.6
Ratio of prices received to prices paid	100	83	83

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December Prices Received by Farmers

Crop production: The December index, at 101.7, is 0.7 percent higher than November but 21 percent lower than December 2022. The grain & oilseed index increase more than offset the vegetable & melon, fruit & tree nut, and other crop index decreases.

Grain and oilseed: The December index, at 91.1, is up 2.6 percent from November but down 20 percent from December 2022. The feed grain, food grain, and oilseed indexes all increased.

Feed grain: The December index, at 80.4, increased 2.8 percent from last month but decreased 27 percent from a year ago. The corn price, at $4.80 per bushel, is up 14 cents from last month but down $1.78 from December 2022.

Food grain: At 102.9, the index for December increased 1.4 percent from the previous month but decreased 21 percent from a year ago. The December price for rice, at $17.50 per cwt, is 50 cents higher than November but $3.30 lower than December 2022. The December price for all wheat, at $6.79 per bushel, is 26 cents lower than November and $2.18 lower than December 2022.

Oilseed: At 104.3, the index for December increased 0.7 percent from November but decreased 9.1 percent from December 2022. The soybean price, at $13.10 per bushel, is 10 cents higher than November but $1.30 lower than December a year earlier.

Fruit and tree nut: The December index, at 143.8, is down 9.2 percent from November and 2.2 percent from a year earlier. Price decreases during December for oranges, apples, lemons, and grapefruit more than offset price increases for grapes and strawberries.

Vegetable and melon: At 142.8, the index for December is down 0.6 percent from the previous month and 53 percent from December 2022. Price decreases during December for lettuce, broccoli, and potatoes more than offset price increases for onions, tomatoes, celery, and cauliflower.

Other crop: The December index, at 97.2, is down 1.8 percent from the previous month and 12 percent from December 2022. The all hay price, at $191.00 per ton, is $4.00 lower than November and $44.00 lower than December 2022. At 73.2 cents per pound, the price for upland cotton is 0.8 cents higher than November but 11.4 cents lower than December 2022.

Livestock production: The index for December, at 130.0, decreased 3.0 percent from the previous month and 14 percent from December a year earlier. Meat animal and dairy index decreases offset the higher poultry & egg index.

Meat animal: At 129.8, the December index decreased 7.0 percent from the previous month but increased 4.8 percent from a year earlier. At $53.30 per cwt, the December hog price is $4.20 lower than November and $9.20 lower than a year earlier. The December beef cattle price of $172.00 per cwt is $8.00 lower than the previous month but $18.00 higher than December 2022.

Dairy: The index for December, at 102.5, is down 5.1 percent from the previous month and 16 percent from December a year ago. The December all milk price of $20.60 per cwt is $1.10 lower than November and $3.90 lower than December 2022.

Poultry and egg: At 155.6, the December index increased 6.9 percent from November but decreased 36 percent from December 2022. The December market egg price, at $1.71 per dozen, is 10 cents higher than November but $3.06 lower than December 2022. The December broiler price, at 73.7 cents per pound, is 7.2 cents higher than November and 1.1 cents higher than a year ago. At 47.1 cents per pound, the December turkey price is 18.1 cents lower than the previous month and 74.9 cents lower than December 2022.

Food Commodities: The index, at 125.2, decreased 2.6 percent from the previous month and 17 percent from December 2022.

Prices Received Indexes, 2011 Base – United States: December 2023 with Comparisons

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

Index Group	2011 Base		
	December 2022	November 2023	December 2023
	(percent)	(percent)	(percent)
Agricultural production	137.8	114.0	113.5
Crop production	128.7	101.0	101.7
Grain and oilseed	113.7	88.8	91.1
Feed grain	110.1	78.2	80.4
Food grain	129.4	101.5	102.9
Oilseed	114.8	103.6	104.3
Fruit and tree nut	147.0	158.4	143.8
Vegetable and melon	300.4	143.7	142.8
Other crop	110.8	99.0	97.2
Livestock production	150.7	134.0	130.0
Meat animal	123.8	139.5	129.8
Cattle	134.8	161.9	153.3
Hog	94.0	86.5	80.2
Dairy	121.9	108.0	102.5
Poultry and egg	241.7	145.5	155.6
Food commodity	150.3	128.6	125.2

Prices Received Indexes, 1910-1914 Base – United States: December 2023 with Comparisons

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

Index Group	1910 - 1914 Base		
	December 2022	November 2023	December 2023
	(percent)	(percent)	(percent)
Agricultural production	1422	1176	1172
Crop production	1122	881	887
Livestock production	1751	1557	1510

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2022 and 2023

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

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2022	2023	2022	2023	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	111.6	124.5	105.0	118.0	123.6	136.4	118.7	132.1
February	119.8	126.6	114.6	120.6	125.6	133.3	125.3	132.1
March	127.2	128.3	120.9	118.7	133.8	138.3	133.3	134.4
April	133.8	131.0	122.9	126.2	144.7	135.7	139.6	136.9
May	135.0	127.2	124.2	120.6	145.6	133.7	140.5	132.5
June	135.3	127.6	126.9	120.7	144.4	135.1	140.2	132.9
July	134.3	125.1	125.0	119.5	146.2	132.3	139.4	131.0
August	131.4	125.6	128.2	117.7	134.9	134.3	135.2	133.4
September	131.2	121.8	126.8	112.4	136.5	133.0	135.3	130.3
October	127.6	113.9	121.6	103.9	139.2	133.1	133.7	123.3
November	133.5	114.0	127.0	101.0	143.6	134.0	145.3	128.6
December	137.8	113.5	128.7	101.7	150.7	130.0	150.3	125.2

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2022 and 2023

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

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2022	2023	2022	2023	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	131.0	140.3	129.1	138.9	133.4	141.0	128.5	139.6
February	133.1	140.3	131.7	138.8	134.8	140.3	131.2	140.3
March	135.0	140.3	134.1	138.8	136.7	139.7	133.3	140.9
April	137.6	139.7	137.9	138.3	140.0	138.4	135.1	141.1
May	137.8	138.9	137.9	137.1	140.3	137.5	135.2	140.4
June	138.3	138.5	138.2	136.4	140.8	136.5	135.7	140.6
July	138.7	138.6	138.3	136.2	140.6	136.3	136.7	141.0
August	139.3	138.7	139.2	136.2	140.8	136.7	137.7	140.9
September	138.8	138.7	138.5	136.1	140.0	136.6	137.6	140.9
October	138.6	138.8	138.0	136.1	140.0	137.1	137.1	140.7
November	138.8	138.3	138.3	135.5	140.2	136.9	137.4	139.9
December	138.4	137.6	137.9	134.5	139.3	136.7	137.5	138.5

Prices Received for Field Crops and Fruits – United States: December 2023 with Comparisons

Commodity		2011 Base Price	December 2022	November 2023	December 2023
Field crops					
Barley, all	dollars/bushel	4.79	7.48	7.77	6.68
Feed	dollars/bushel	4.59	6.08	5.18	4.62
Malting	dollars/bushel	4.83	7.62	8.10	7.23
Beans, dry edible	dollars/cwt	34.60	41.00	40.60	42.70
Canola	dollars/cwt	23.10	29.20	25.50	24.20
Chickpeas, all	dollars/cwt	35.70	35.40	39.50	36.20
Large	dollars/cwt	39.20	36.00	38.30	35.50
Small	dollars/cwt	23.40	29.40	(D)	39.20
Corn	dollars/bushel	6.02	6.58	4.66	4.80
Cotton, Upland	dollars/pound	0.880	0.846	0.724	0.732
Cottonseed	dollars/ton	131.00	315.00	226.00	209.00
Flaxseed	dollars/bushel	14.20	18.30	12.20	13.40
Hay, all, baled	dollars/ton	159.00	235.00	195.00	191.00
Alfalfa	dollars/ton	176.00	268.00	207.00	205.00
Other	dollars/ton	119.00	180.00	170.00	170.00
Lentils	dollars/cwt	27.50	34.80	39.60	39.00
Oats	dollars/bushel	3.42	4.54	3.92	3.98
Peanuts, in-shell	dollars/pound	0.252	0.245	0.295	0.243
Peas, dry edible	dollars/cwt	13.60	16.80	15.60	15.40
Rice, all	dollars/cwt	13.70	20.80	17.00	17.50
Long	dollars/cwt	12.30	16.80	15.60	15.70
Medium and short	dollars/cwt	18.40	34.70	25.30	25.80
Sorghum grain	dollars/cwt	10.70	12.30	9.05	8.70
Soybeans	dollars/bushel	12.50	14.40	13.00	13.10
Sunflowers, all	dollars/cwt	29.00	29.50	22.60	24.20
Wheat, all	dollars/bushel	7.44	8.97	6.53	6.79
Winter	dollars/bushel	6.93	8.47	6.10	6.20
Durum	dollars/bushel	9.22	11.20	9.53	9.66
Other spring	dollars/bushel	8.33	9.11	6.85	7.10
Hard red winter	dollars/bushel	7.07	8.70	6.12	6.23
Soft red winter	dollars/bushel	6.77	8.04	5.61	5.92
Hard red spring	dollars/bushel	8.38	9.17	6.90	7.12
White	dollars/bushel	6.58	7.89	6.28	6.23
Fruits					
Citrus, equivalent on-tree					
Grapefruit	dollars/box	7.47	22.66	28.22	25.97
Lemons	dollars/box	12.30	17.55	28.51	24.41
Oranges	dollars/box	8.16	12.91	20.33	12.56
Non-citrus, fresh [1]					
Apples	dollars/pound	0.325	0.889	0.683	0.639
Grapes	dollars/ton	598.00	2,310.00	3,450.00	3,690.00
Peaches	dollars/ton	507.00	(S)	(S)	(S)
Pears	dollars/ton	559.00	1,380.00	1,340.00	1,270.00
Strawberries	dollars/cwt	104.00	296.00	257.00	289.00

(D) Withheld to avoid disclosing data for individual operations.
(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: December 2023 with Comparisons

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

Commodity		2011 Base Price	December 2022	November 2023	December 2023
Vegetables, fresh [1]					
Asparagus	dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap	dollars/cwt	69.00	79.10	105.00	116.00
Broccoli	dollars/cwt	41.60	205.00	91.00	71.60
Cantaloupes	dollars/cwt	16.50	(S)	27.80	(S)
Carrots	dollars/cwt	30.80	50.00	57.10	57.10
Cauliflower	dollars/cwt	47.00	200.00	61.20	72.00
Celery	dollars/cwt	22.50	191.00	65.80	73.10
Corn, sweet	dollars/cwt	30.70	56.30	48.40	60.50
Cucumbers	dollars/cwt	18.70	28.00	31.40	35.90
Lettuce, head	dollars/cwt	24.30	142.00	33.30	21.10
Onions [2]	dollars/cwt	11.90	32.30	26.00	38.40
Potatoes	dollars/cwt	14.30	21.30	11.60	11.30
Tomatoes	dollars/cwt	51.20	92.30	72.00	108.00
Livestock					
Calves	dollars/cwt	142.00	206.00	290.00	280.00
Cattle, all beef	dollars/cwt	115.00	154.00	180.00	172.00
Cows [3]	dollars/cwt	71.60	76.90	104.00	101.00
Steers and heifers	dollars/cwt	117.00	158.00	184.00	176.00
Milk cows [4]	dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all	dollars/cwt	66.50	62.50	57.50	53.30
Barrows and gilts	dollars/cwt	66.80	63.00	57.50	53.50
Sows	dollars/cwt	57.90	51.90	58.10	48.90
Dairy and poultry					
Milk, all [5]	dollars/cwt	20.10	24.50	21.70	20.60
Fat test	percent	4.35	4.27	4.32	4.35
Broilers, live [6]	dollars/pound	0.459	0.726	0.665	0.737
Eggs, all	dollars/dozen	0.969	4.49	1.78	1.87
Market [7]	dollars/dozen	0.796	4.77	1.61	1.71
Turkeys, live [8]	dollars/pound	0.680	1.22	0.652	0.471
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	3.57	1.60	1.47
Seasonal factor	percent	101	126	111	127
Milk, all	dollars/cwt	20.20	24.20	21.00	20.40
Seasonal factor	percent	100	101	103	101

(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: 2023 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2021	2022	2023	2021	2022	2023	2021	2022	2023
	(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	5.48	8.48	8.81	4.24	5.58	6.63	10.90	12.90	14.50
February	5.83	9.16	8.54	4.75	6.09	6.80	12.70	14.70	15.10
March	5.86	9.93	8.35	4.89	6.56	6.67	13.20	15.40	14.90
April	6.04	10.20	8.31	5.31	7.07	6.70	13.90	15.80	14.90
May	6.46	10.90	8.07	5.91	7.26	6.54	14.80	16.10	14.40
June	6.23	9.61	7.67	6.00	7.38	6.49	14.50	16.40	14.20
July	6.26	8.69	7.61	6.12	7.25	6.22	14.10	15.50	14.70
August	7.14	8.55	7.35	6.32	7.24	5.73	13.70	15.30	14.10
September ...	7.75	8.78	7.07	5.47	7.09	5.21	12.20	14.20	13.20
October	7.92	9.18	6.98	5.02	6.49	4.93	11.90	13.50	12.70
November	8.52	9.15	6.53	5.26	6.49	4.66	12.10	14.00	13.00
December	8.59	8.97	6.79	5.47	6.58	4.80	12.50	14.40	13.10

Prices Received for Beef Cattle and All Hogs by Month – United States: 2023 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]		
	2021	2022	2023	2021	2022	2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	110.00	135.00	156.00	50.20	58.80	58.50
February	112.00	137.00	158.00	56.40	68.60	59.60
March	113.00	139.00	164.00	67.20	75.10	61.70
April	118.00	139.00	171.00	75.60	76.20	57.00
May	118.00	141.00	173.00	79.30	75.90	58.80
June	121.00	140.00	181.00	82.70	78.70	64.60
July	122.00	142.00	181.00	80.00	83.00	74.30
August	123.00	141.00	182.00	79.00	85.80	73.70
September	124.00	143.00	181.00	70.80	73.80	64.90
October	123.00	145.00	182.00	65.50	70.50	60.40
November	129.00	151.00	180.00	58.60	66.70	57.50
December	137.00	154.00	172.00	56.50	62.50	53.30

[1] Cows and steers & heifers.
[2] Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(S)	(D)
Arkansas	(D)	5.06	5.03
California	(D)	(D)	(D)
Colorado	8.17	5.58	5.89
Idaho	8.03	6.58	7.15
Illinois	7.62	5.50	5.98
Indiana	8.28	5.28	6.56
Kansas	8.51	6.22	6.04
Michigan	8.14	4.87	5.38
Minnesota	9.55	6.93	7.14
Missouri	7.97	6.15	6.60
Montana	9.51	6.95	7.16
Nebraska	8.36	5.96	6.04
North Carolina	8.55	5.39	5.91
North Dakota	9.13	7.15	7.42
Ohio	7.35	5.33	5.63
Oklahoma	8.02	5.75	6.09
Oregon	(D)	(D)	(D)
South Dakota	8.95	6.36	6.61
Texas	9.73	5.65	6.10
Washington	8.05	6.38	6.02
United States	8.97	6.53	6.79

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	5.06	5.03
California	(S)	(D)	(D)
Colorado	8.17	5.58	5.89
Idaho	8.03	6.51	7.16
Illinois	7.62	5.50	5.98
Indiana	8.28	5.28	6.56
Kansas	8.51	6.22	6.04
Michigan	8.14	4.87	5.38
Missouri	7.97	6.15	6.60
Montana	8.85	6.29	6.42
Nebraska	8.36	5.96	6.04
North Carolina	8.55	5.39	5.91
North Dakota	9.06	6.40	6.58
Ohio	7.35	5.33	5.63
Oklahoma	8.02	5.75	6.09
Oregon	(D)	(D)	(D)
South Dakota	8.92	5.77	6.31
Texas	9.73	5.65	6.10
Washington	7.93	6.38	6.00
United States	8.47	6.10	6.20

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(S)	(D)
California	(D)	(S)	(S)
Idaho	(S)	(S)	(S)
Montana	(D)	(D)	(D)
North Dakota	9.90	9.32	9.37
United States	11.20	9.53	9.66

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho	8.03	6.77	7.33
Minnesota	9.55	6.93	7.14
Montana	9.25	7.26	7.30
North Dakota	9.07	6.57	6.83
South Dakota	8.98	6.79	6.80
Washington	8.52	6.36	6.12
United States	9.11	6.85	7.10

Prices Received for Oats – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	5.06	(D)	(D)
Iowa	(D)	4.61	4.75
Michigan	4.49	(S)	(D)
Minnesota	4.69	3.93	3.64
Montana	(S)	(S)	(D)
Nebraska	(D)	3.57	4.33
New York	(S)	(D)	(S)
North Dakota	4.30	3.97	4.02
Oregon	(S)	(S)	(S)
Pennsylvania	4.43	(D)	(S)
South Dakota	3.80	3.53	(D)
Texas	(D)	(S)	(S)
Wisconsin	5.83	3.34	3.26
United States	4.54	3.92	3.98

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	6.63	7.73	7.51
Idaho	8.04	8.39	7.30
Minnesota	(D)	(D)	(D)
Montana	7.46	7.13	6.38
North Dakota	7.05	(D)	6.08
Washington	7.26	9.76	(D)
Wyoming	(D)	8.13	8.24
United States	7.48	7.77	6.68

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	6.63	7.73	7.51
Idaho	(D)	8.42	7.46
Minnesota	(D)	(D)	(D)
Montana	7.54	7.30	7.01
North Dakota	7.38	(D)	(D)
Washington	(D)	(D)	(D)
Wyoming	(D)	8.13	8.28
United States	7.62	8.10	7.23

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	(D)	(D)	(S)
Idaho	(D)	5.99	(D)
Minnesota	(S)	(D)	(D)
Montana	(D)	(D)	(D)
North Dakota	6.04	(D)	(D)
Washington	5.50	4.64	(D)
Wyoming	(D)	(S)	(D)
United States	6.08	5.18	4.62

(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: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	7.36	5.23	5.14
Illinois	6.39	4.67	4.84
Indiana	6.58	4.52	4.74
Iowa	6.69	4.74	4.89
Kansas	7.26	4.84	4.79
Kentucky	6.72	4.88	5.05
Michigan	6.17	4.29	4.37
Minnesota	6.34	4.70	4.90
Missouri	6.90	4.77	4.87
Nebraska	6.83	4.85	4.89
North Carolina	7.57	5.23	5.59
North Dakota	6.17	4.35	4.42
Ohio	6.24	4.40	4.64
Pennsylvania	6.86	4.94	4.98
South Dakota	6.62	4.47	4.40
Tennessee	6.91	4.93	4.99
Texas	7.14	5.68	5.49
Wisconsin	6.09	4.40	4.50
United States	6.58	4.66	4.80

Prices Received for Sorghum Grain – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	12.40	8.79	8.68
Nebraska	11.50	8.53	8.61
Oklahoma	12.40	8.73	8.93
Texas	12.20	9.89	8.72
United States	12.30	9.05	8.70

Prices Received for Soybeans – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	14.70	12.90	13.30
Illinois	14.40	13.10	13.30
Indiana	14.80	13.10	13.40
Iowa	14.50	13.20	13.00
Kansas	14.60	13.00	12.80
Kentucky	14.40	13.20	13.30
Louisiana	13.60	13.40	13.30
Michigan	14.60	13.30	13.40
Minnesota	14.60	12.90	12.80
Mississippi	14.00	13.60	13.60
Missouri	14.70	13.10	13.10
Nebraska	14.30	12.80	12.80
North Carolina	14.50	13.00	12.70
North Dakota	13.80	12.40	12.40
Ohio	14.70	13.10	13.10
South Dakota	14.40	12.80	12.90
Tennessee	14.20	13.00	13.20
Wisconsin	14.20	12.80	13.00
United States	14.40	13.00	13.10

Prices Received for Dry Beans – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	(D)	(D)	(D)
Colorado	38.70	(D)	(D)
Idaho	(D)	(D)	40.60
Michigan	43.80	44.90	45.80
Minnesota	37.60	38.50	41.60
Nebraska	(D)	(D)	(D)
North Dakota	38.40	39.50	40.40
United States	41.00	40.60	42.70

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

Prices Received for Canola – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(S)	(D)	(S)
Montana	(D)	(D)	(D)
North Dakota	29.30	25.60	24.20
Oklahoma	(S)	(S)	(S)
United States	29.20	25.50	24.20

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

Prices Received for Flaxseed – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	18.30	12.20	13.40
United States	18.30	12.20	13.40

Prices Received for Peanuts (in shell) – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.273	0.237	0.226
Arkansas	0.244	0.271	(S)
Florida	0.294	0.263	0.267
Georgia	0.229	0.254	0.234
Mississippi	0.286	0.133	(S)
New Mexico	0.127	0.483	0.318
North Carolina	0.292	0.271	0.225
Oklahoma	0.145	0.328	0.218
South Carolina	0.228	0.269	0.281
Texas	0.369	0.584	0.409
Virginia	(S)	0.277	0.108
United States	0.245	0.295	0.243

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

Prices Received for Sunflower – States and United States: December 2023 with Comparisons

State	December 2022	November 2023	December 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	(D)
Minnesota	(S)	(D)	(D)
North Dakota	29.90	23.70	24.90
South Dakota	27.20	19.80	20.80
United States	29.50	22.60	24.20

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

Prices Received for Upland Cotton and Cottonseed – States and United States: December 2023 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	December 2022	November 2023	December 2023	December 2022	November 2023	December 2023
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	0.839	0.636	0.705	216.00	177.00	178.00
Arizona	(D)	(S)	(S)	433.00	297.00	302.00
Arkansas	0.715	(D)	(D)	375.00	235.00	(S)
California	(D)	(S)	(S)	(S)	375.00	(S)
Georgia	1.010	0.818	0.797	269.00	166.00	168.00
Louisiana	(D)	0.639	0.792	(S)	(S)	(S)
Mississippi	(D)	0.706	0.758	(S)	255.00	(S)
North Carolina	0.866	0.783	0.791	274.00	229.00	226.00
Tennessee	0.912	0.692	(D)	362.00	244.00	240.00
Texas	0.780	0.686	0.724	400.00	251.00	253.00
United States	0.846	0.724	0.732	315.00	226.00	209.00

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

Prices Received and Marketings for Upland Cotton and Rice – United States: December 2023 with Comparisons

Item	December 2022	November 2023	December 2023
Cotton, Upland			
Average price ... dollars/pound	0.846	0.724	0.732
Marketings [1] ... 1,000 bales	1,576	1,555	1,801
Rice, all			
Average price ... dollars/cwt	20.80	17.00	17.50
Marketings [2] ... 1,000 cwt	11,834	14,924	12,104
Rice, long			
Average price ... dollars/cwt	16.80	15.60	15.70
Marketings [2] ... 1,000 cwt	9,198	12,722	9,868
Rice, medium and short			
California			
Average price ... dollars/cwt	40.10	33.30	32.90
Other States [3]			
Average price ... dollars/cwt	17.50	16.70	17.20
United States			
Average price ... dollars/cwt	34.70	25.30	25.80
Marketings [2] ... 1,000 cwt	2,636	2,202	2,236

[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: December 2023 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	December 2022	November 2023	December 2023	December 2022	November 2023	December 2023	December 2022	November 2023	December 2023
	(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	341.00	214.00	219.00	350.00	215.00	220.00	245.00	135.00	150.00
California	352.00	215.00	238.00	370.00	220.00	245.00	300.00	200.00	215.00
Colorado	257.00	255.00	244.00	260.00	255.00	245.00	250.00	250.00	240.00
Idaho	268.00	195.00	195.00	270.00	195.00	195.00	240.00	195.00	190.00
Illinois	163.00	167.00	171.00	185.00	180.00	185.00	120.00	135.00	140.00
Iowa	175.00	182.00	169.00	186.00	189.00	181.00	154.00	149.00	151.00
Kansas	232.00	203.00	191.00	270.00	230.00	215.00	152.00	153.00	147.00
Kentucky	178.00	194.00	197.00	220.00	230.00	230.00	165.00	181.00	184.00
Michigan	167.00	176.00	173.00	190.00	200.00	195.00	120.00	135.00	135.00
Minnesota	156.00	163.00	158.00	174.00	182.00	172.00	128.00	143.00	132.00
Missouri	143.00	143.00	143.00	170.00	175.00	175.00	140.00	135.00	135.00
Montana	233.00	163.00	158.00	235.00	165.00	160.00	225.00	150.00	145.00
Nebraska	185.00	173.00	172.00	209.00	190.00	188.00	130.00	135.00	136.00
Nevada	309.00	192.00	174.00	310.00	195.00	175.00	280.00	155.00	140.00
New Mexico	289.00	283.00	263.00	300.00	290.00	270.00	235.00	245.00	225.00
New York	184.00	172.00	199.00	255.00	224.00	240.00	162.00	156.00	187.00
North Dakota	113.00	116.00	112.00	118.00	120.00	117.00	83.00	80.00	86.00
Ohio	164.00	178.00	175.00	180.00	195.00	190.00	155.00	165.00	165.00
Oklahoma	150.00	130.00	115.00	271.00	195.00	195.00	141.00	117.00	110.00
Oregon	304.00	250.00	246.00	325.00	255.00	250.00	270.00	240.00	240.00
Pennsylvania	179.00	174.00	198.00	255.00	224.00	244.00	165.00	161.00	186.00
South Dakota	167.00	152.00	156.00	183.00	160.00	170.00	130.00	135.00	132.00
Texas	193.00	217.00	216.00	271.00	268.00	270.00	175.00	209.00	209.00
Utah	305.00	194.00	175.00	310.00	195.00	175.00	250.00	140.00	130.00
Washington	314.00	249.00	240.00	325.00	250.00	240.00	280.00	245.00	240.00
Wisconsin	159.00	184.00	179.00	168.00	196.00	187.00	115.00	140.00	148.00
Wyoming	235.00	199.00	187.00	240.00	200.00	190.00	220.00	195.00	180.00
United States	235.00	195.00	191.00	268.00	207.00	205.00	180.00	170.00	170.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: December 2023

State	December 2022	November 2023	December 2023
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	390.00	290.00	320.00
Idaho	305.00	255.00	250.00
Michigan	215.00	225.00	225.00
Minnesota	224.00	208.00	221.00
New York	320.00	304.00	315.00
Pennsylvania	333.00	311.00	310.00
Texas	334.00	309.00	309.00
Wisconsin	196.00	230.00	233.00
5-State Total [1] [2]	327.00	271.00	275.00

[1] 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

[2] For December 2022, includes California, Idaho, New York, Texas, and Wisconsin. For November 2023, includes California, Idaho, New York, Texas, and Wisconsin. For December 2023, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization – States and United States: December 2022

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	44.50	25.27	33.43	7.03	22.66	31.03	3.96
Lemons	42.70	24.39	31.63	(D)	17.55	24.43	(D)
Oranges	34.50	15.94	23.81	9.06	12.91	20.89	5.92

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

Prices Received for Citrus Fruits by Utilization – States and United States: November 2023

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	54.40	30.99	43.28	6.47	28.22	41.04	2.65
Lemons	54.40	35.56	43.09	(D)	28.51	35.75	(D)
Oranges	40.00	23.45	28.74	(D)	20.33	25.66	(D)

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

Prices Received for Citrus Fruits by Utilization – States and United States: December 2023

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	53.20	28.74	41.73	6.81	25.97	39.34	3.39
Lemons	50.40	31.44	39.11	(D)	24.41	31.77	(D)
Oranges	35.80	16.01	24.45	9.57	12.56	21.37	5.83

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

Prices Received for All Milk – States and United States: December 2023 with Comparisons

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

State	December 2022		November 2023		December 2023	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	23.90	3.94	20.70	4.04	19.60	4.09
California	23.90	4.27	21.80	4.28	20.90	4.32
Colorado	25.00	4.07	22.50	4.16	21.30	4.19
Florida	28.10	3.78	25.80	3.94	25.20	3.94
Georgia	27.70	3.97	25.70	4.02	24.80	4.08
Idaho	25.10	4.43	22.00	4.50	20.30	4.46
Illinois	24.50	4.27	21.70	4.31	20.70	4.35
Indiana	25.30	4.16	22.80	4.17	21.90	4.21
Iowa	24.00	4.38	19.60	4.52	19.10	4.55
Kansas	23.10	4.39	20.50	4.37	19.60	4.46
Michigan	23.40	4.11	21.10	4.22	20.20	4.23
Minnesota	24.50	4.51	20.70	4.66	19.40	4.64
New Mexico	22.20	4.10	20.30	4.19	19.20	4.22
New York	24.90	4.17	23.20	4.28	21.90	4.30
Ohio	25.50	4.17	22.60	4.14	21.50	4.21
Oregon	28.20	4.60	24.90	4.58	23.40	4.58
Pennsylvania	25.50	4.18	23.10	4.24	21.80	4.22
South Dakota	25.90	4.72	21.60	4.76	20.60	4.77
Texas	24.60	4.40	21.50	4.38	20.40	4.49
Utah	24.40	4.20	21.80	4.25	20.60	4.32
Vermont	25.40	4.18	23.60	4.31	22.40	4.34
Virginia	27.70	4.12	25.80	4.16	24.80	4.22
Washington	26.10	4.48	23.50	4.46	21.90	4.46
Wisconsin	23.70	4.22	19.80	4.26	19.00	4.29
United States	24.50	4.27	21.70	4.32	20.60	4.35

Prices Received for Milk Cows – States and United States: October 2024 with Comparisons

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

State	January 2023	October 2023	January 2024
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,850	1,850	2,000
California	1,820	1,800	1,750
Colorado	1,700	1,850	1,800
Florida	1,750	2,030	2,230
Georgia	1,550	1,820	1,970
Idaho	1,600	1,800	1,900
Illinois	1,640	1,730	1,850
Indiana	1,860	1,930	2,020
Iowa	1,670	1,820	1,860
Kansas	1,700	1,800	1,850
Michigan	1,800	1,980	2,190
Minnesota	1,560	1,810	1,850
New Mexico	1,750	1,650	1,900
New York	1,720	1,880	1,940
Ohio	1,550	1,780	1,810
Oregon	1,500	1,600	1,650
Pennsylvania	1,800	1,870	1,970
South Dakota	1,700	1,800	1,830
Texas	1,550	1,850	1,750
Utah	1,450	1,600	1,600
Vermont	1,760	1,850	1,950
Virginia	1,700	1,800	2,000
Washington	1,500	1,750	1,750
Wisconsin	1,810	1,990	2,060
United States	1,720	1,850	1,890

Parity Price Overview

Parity prices, based on data from January 2023, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. Parity prices are computed under the provisions of Title III. Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

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

a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2023, the 10-average includes the years 2013-2022). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.

b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".

c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

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

Commodity Parity Prices and Price as Percent of Parity Price – United States: December 2023 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		
		December 2022	November 2023	December 2023	December 2022	November 2023	December 2023
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheat ..... bushel	0.544	19.70	20.40	20.20	46	32	34
Rice ..... cwt	1.29	47.10	48.30	48.00	44	35	36
Corn ..... bushel	0.407	15.10	15.20	15.10	44	31	32
Cotton							
Upland ..... pound	0.066	2.41	2.47	2.46	35	29	30
American Pima ..... pound	0.144	4.93	5.39	5.36	50	33	33
Peanuts ..... pound	0.021	0.816	0.786	0.781	30	38	31
Small chickpeas [1] ..... cwt	2.26	82.70	84.60	84.10	36	79	47
Large chickpeas [1] ..... cwt	2.76	105.00	103.00	103.00	34	37	34
Lentils [1] ..... cwt	2.33	81.60	87.20	86.70	43	45	45
Designated non-basic							
All milk, to plants [2] ..... cwt	1.80	64.20	67.40	67.00	38	31	30
Honey, extracted [3] ..... pound	0.210	7.46	7.86	7.81	40	38	38
Wool and mohair							
Wool ..... pound	0.147	5.49	5.50	5.47	31	28	28
Mohair ..... pound	0.485	17.20	18.20	18.00	33	36	36
Other non-basic							
Apples, fresh [4] ..... pound	0.045	1.520	1.680	1.670	58	41	38
Barley ..... bushel	0.489	18.00	18.30	18.20	42	42	37
Canola ..... cwt	1.85	67.50	69.20	68.80	43	37	35
Cottonseed ..... ton	19.50	697.00	730.00	726.00	45	31	29
Dry edible beans ..... cwt	3.09	114.00	116.00	115.00	37	35	39
Flaxseed ..... bushel	1.19	40.80	44.50	44.30	45	27	30
Oats ..... bushel	0.301	10.60	11.30	11.20	43	35	36
Potatoes, fresh ..... cwt	1.07	39.70	40.10	39.80	54	29	28
Sorghum grain ..... cwt	0.718	26.40	26.90	26.70	47	34	33
Soybeans ..... bushel	1.01	37.80	37.80	37.60	38	34	35
Sunflower, all ..... cwt	2.06	74.60	77.10	76.70	40	29	32
Citrus (equivalent on-tree)							
Grapefruit ..... box	1.08	37.80	40.40	40.20	60	70	65
Lemons ..... box	2.10	77.50	78.60	78.10	23	36	31
Oranges ..... box	1.130	40.10	42.30	42.00	32	48	30
Livestock and poultry							
Beef cattle ..... cwt	11.80	434.00	442.00	439.00	35	41	39
Broilers ..... pound	0.052	1.82	1.95	1.93	40	34	38
Calves ..... cwt	17.30	638.00	648.00	644.00	32	45	43
Eggs [2] ..... dozen	0.111	3.63	4.15	4.13	98	39	36
Hogs ..... cwt	5.50	202.00	206.00	205.00	31	28	26
Turkeys, live ..... pound	0.069	2.450	2.580	2.570	50	25	18

[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: December 2023 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		
		December 2022	November 2023	December 2023
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops ....pound	0.481	16.90	18.00	17.90
Mustard seed .... cwt	3.00	109.00	112.00	112.00
Rapeseed .... cwt	2.32	87.90	86.80	86.30
Rye ....bushel	0.595	22.20	22.30	22.10
Safflower .... cwt	2.21	80.50	82.70	82.20
Spearmint oil ....pound	1.66	61.20	62.10	61.80
Sweet potatoes .... cwt	2.06	76.00	77.10	76.70
Tobacco				
Flue-cured, 11-14 ....pound	0.185	6.86	6.92	6.88
Fire-cured, 21-23 ....pound	0.253	9.31	9.47	9.41
Burley, 31 ....pound	0.185	6.82	6.92	6.88
Maryland, 32 ....pound	0.185	6.56	6.92	6.88
Dark air-cured, 35-37 ....pound	0.226	8.31	8.46	8.41
Pennsylvania seedleaf, 41 ....pound	0.253	8.72	9.47	9.41
Non-citrus fruit				
Apples, processing [1 2] ....ton	20.20	768.00	756.00	752.00
Apricots, fresh [3] ....ton	123.00	4,600.00	4,600.00	4,580.00
Avocados [2 3] ....ton	217.00	6,970.00	8,120.00	8,070.00
Cherries				
Sweet ....ton	218.00	7,680.00	8,160.00	8,110.00
Tart [2] ....pound	0.028	1.190	1.050	1.040
Cranberry [2 4] .... barrel	3.08	119.00	115.00	115.00
Dates (California) [3] ....ton	255.00	8,830.00	9,540.00	9,490.00
Grapes (California)				
Wine, processing ....ton	83.50	3,000.00	3,130.00	3,110.00
Kiwifruit [2] ....ton	153.00	5,230.00	5,730.00	5,690.00
Nectarines, fresh (California) [3] ....ton	92.60	3,260.00	3,470.00	3,450.00
Olives, canning (California) [4] ....ton	111.00	4,040.00	4,150.00	4,130.00

See footnote(s) at end of table.

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Commodity Parity Prices – United States: December 2023 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		
		December 2022	November 2023	December 2023
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) ....pound	0.051	1.67	1.91	1.90
Peaches, fresh [4 5] ....ton	117.00	4,190.00	4,380.00	4,350.00
Pears, fresh [5] ....ton	60.60	2,280.00	2,270.00	2,250.00
Plums (California) equivalent on-tree				
Fresh [6] ....ton	97.80	3,370.00	3,660.00	3,640.00
Strawberries				
Fresh [7] .... cwt	10.80	386.00	404.00	402.00
Processing .... cwt	4.05	153.00	152.00	151.00
Sugar crops				
Sugar beets [2 8] ....ton	4.25	159.00	159.00	158.00
Sugarcane [2 8] ....ton	3.45	126.00	129.00	128.00
Tree nuts [9]				
Almonds ....pound	0.235	9.16	8.80	8.74
Hazelnuts ....ton	218.00	8,270.00	8,160.00	8,110.00
Pistachios ....pound	0.242	9.38	9.06	9.00
Walnuts ....ton	182.00	7,640.00	6,810.00	6,770.00
Vegetables, fresh [7]				
Carrots [10] .... cwt	2.92	97.90	109.00	109.00
Cauliflower [10] .... cwt	4.71	156.00	176.00	175.00
Celery [10] .... cwt	2.24	79.00	83.80	83.40
Honeydew melons .... cwt	2.37	77.90	88.70	88.20
Lettuce .... cwt	2.85	97.90	107.00	106.00
Onions [10] .... cwt	1.68	53.80	62.90	62.50
Tomatoes .... cwt	4.22	151.00	158.00	157.00

[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] Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except Peaches), and Washington. Price at point of first sale for other states.
[6] Based on "as sold" prices for fresh fruit in all states.
[7] FOB shipping point price.
[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] Includes some processing.

Marketing Year for Specified Commodities

Rice: August 1 to July 31 for United States, Arkansas, and Mississippi; July 1 to June 30 for Louisiana and Texas; September 1 to August 31 for Missouri; October 1 to September 30 for California.

Rice Market Year Average Prices Received by All and Length of Grain – States and United States: Marketing Years 2021 through 2022

State	2021	2022
All rice		
Arkansas	13.50	16.50
California	32.00	41.00
Louisiana	13.70	17.00
Mississippi	13.50	16.90
Missouri	13.60	16.60
Texas	14.20	17.40
United States [1]	16.10	19.80
Long grain		
United States [1]	13.60	16.70
Medium and short grain		
California	31.90	40.90
Other States [1]	13.90	18.20
United States [1]	26.40	33.80

[1] Based on state prices weighted by marketings for August through July.

All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2022-2023 through 2023-2024

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

Month	Prices received		Farm marketings [1]	
	2022-2023 [2]	2023-2024 [2]	2022-2023 [2]	2023-2024 [2]
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August	19.20	22.40	4,685	4,532
September	17.70	17.30	9,203	10,144
October	18.80	17.30	10,359	15,149
November	19.70	17.00	9,616	14,924
December	20.80	17.50	11,834	12,104
January [3]	20.30		14,942	
February	19.60		11,044	
March	19.30		14,412	
April	20.00		9,200	
May	20.40		8,037	
June	21.20		6,430	
July	22.00		5,247	
MYA	19.80		115,009	

[1] Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.
[2] Prices and marketings include late reports and revised data for October 2022 - November 2023. Final monthly prices, marketings, and MYA price will be published in the January 2025 *Agricultural Prices* report.
[3] Second year.

Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2022-2023 through 2023-2024

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

Month	Prices received		Farm marketings [1]	
	2022-2023 [2]	2023-2024 [2]	2022-2023 [2]	2023-2024 [2]
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August	15.60	16.90	3,455	3,982
September	16.10	15.60	7,465	9,492
October	16.00	15.40	8,676	12,004
November	16.20	15.60	7,667	12,722
December	16.80	15.70	9,198	9,868
January [3]	16.80		12,032	
February	17.10		9,333	
March	17.10		12,510	
April	17.10		7,940	
May	17.00		6,702	
June	16.60		4,903	
July	16.80		3,965	
MYA	16.70		93,846	

[1] Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.
[2] Prices and marketings include late reports and revised data for October 2022 - November 2023. Final monthly prices, marketings, and MYA price will be published in the January 2025 *Agricultural Prices* report.
[3] Second year.

Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2022-2022 through 2023-2024

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

Month	Prices received		Farm marketings [1]	
	2022-2023 [2]	2023-2024 [2]	2022-2023 [2]	2023-2024 [2]
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August	29.30	39.30	1,230	1,108
September	24.30	30.30	1,738	1,224
October	33.10	24.70	1,683	3,145
November	33.10	25.30	1,949	2,202
December	34.70	25.80	2,636	2,236
January [3]	35.00		2,910	
February	33.50		1,711	
March	33.70		1,902	
April	38.20		1,260	
May	37.60		1,335	
June	36.20		1,527	
July	38.10		1,282	
MYA	33.80		21,163	

[1] Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.
[2] Prices and marketings include late reports and revised data for October 2022 - November 2023. Final monthly prices, marketings, and MYA price will be published in the January 2025 *Agricultural Prices* report.
[3] Second year.

Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2022-2023 through 2023-2024

[Marketing year for California: October - September. Marketing Year for Other States: August - July. Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas]

Month	California		Other States	
	2022-2023 [1]	2023-2024 [1]	2022-2023	2023-2024 [2]
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August	32.70	40.60	16.80	21.30
September	32.70	40.90	17.10	18.30
October	41.90	33.60	17.30	18.90
November	39.60	33.30	17.50	16.70
December	40.10	32.90	17.50	17.20
January [3]	41.90		17.80	
February	41.70		18.10	
March	40.90		19.30	
April	40.90		18.10	
May	41.20		20.70	
June	40.60		20.90	
July	40.70		22.10	
MYA	40.90		18.20	

[1] Prices include late reports and revised data for October 2022 - November 2023.
[2] Prices include late reports and revised data for August 2023 - November 2023. Final monthly prices and MYA price will be published in the October 2024 *Agricultural Prices* report.
[3] Second year.

Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023

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

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	86.0	89.8	92.9	93.4	92.2	93.4	91.1	91.4	88.1	86.2	89.9	91.1	89.9
2020 ...	88.7	90.6	92.5	82.0	84.5	88.0	86.6	86.7	88.6	88.7	92.6	90.7	94.9
2021 ...	89.3	94.8	97.6	104.3	106.3	107.3	106.9	109.6	108.7	106.9	108.7	112.8	110.0
2022 ...	111.6	119.8	127.2	133.8	135.0	135.3	134.3	131.4	131.2	127.6	133.5	137.8	130.1
2023 ...	124.5	126.6	128.3	131.0	127.2	127.6	125.1	125.6	121.8	113.9	114.0	113.5	118.6

Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	78.0	84.3	87.2	85.2	84.0	89.5	88.9	89.4	88.6	83.1	85.0	86.0	84.8
2020 ...	82.2	86.6	87.4	86.3	86.7	89.5	88.4	89.9	93.1	87.8	91.6	91.2	100.5
2021 ...	88.3	97.2	98.5	105.1	106.1	107.5	106.8	110.5	108.8	106.4	107.5	106.6	114.5
2022 ...	105.0	114.6	120.9	122.9	124.2	126.9	125.0	128.2	126.8	121.6	127.0	128.7	123.3
2023 ...	118.0	120.6	118.7	126.2	120.6	120.7	119.5	117.7	112.4	103.9	101.0	101.7	106.5

Year	Grain and oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	64.8	65.3	65.0	63.5	63.1	66.9	67.0	65.8	65.2	67.2	65.0	66.0	64.6
2020 ...	67.4	67.2	66.1	62.5	60.9	60.6	61.4	61.8	66.1	70.4	71.7	75.0	87.0
2021 ...	78.5	88.4	90.6	96.8	104.1	101.6	99.7	104.1	96.1	91.9	93.1	97.8	109.6
2022 ...	99.3	109.6	116.1	122.2	124.9	126.3	120.5	121.1	116.8	109.3	111.1	113.7	113.0
2023 ...	113.7	117.0	114.8	115.1	111.9	109.7	107.6	102.9	96.4	93.9	88.8	91.1	92.8

Year	Food grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	73.8	74.5	72.9	70.8	68.8	66.6	62.2	62.9	65.1	71.3	74.2	73.8	72.7
2020 ...	77.8	78.6	79.3	79.6	79.1	68.8	65.1	68.0	72.5	77.1	81.4	82.5	79.8
2021 ...	84.2	88.9	88.6	90.3	96.6	88.6	86.4	98.4	105.0	110.5	113.2	118.0	115.5
2022 ...	118.0	120.3	127.8	131.0	138.6	129.6	118.0	118.5	119.8	126.4	128.9	129.4	123.5
2023 ...	125.3	122.8	120.7	121.5	121.0	109.0	106.2	105.4	102.4	106.0	101.5	102.9	104.4

Year	Feed grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	59.4	60.3	60.6	59.0	60.6	66.6	69.7	66.6	63.8	64.1	61.2	61.7	59.2
2020 ...	63.1	63.1	61.6	55.1	53.6	53.2	54.7	54.1	57.9	60.8	64.1	67.2	81.4
2021 ...	71.2	80.0	82.0	88.8	98.5	99.8	101.7	104.7	91.3	83.9	87.9	91.5	104.9
2022 ...	93.2	101.7	109.4	117.7	120.8	122.5	120.0	121.1	118.4	108.6	108.7	110.1	109.1
2023 ...	110.5	113.5	111.3	111.7	108.9	108.2	103.6	96.8	87.7	82.6	78.2	80.4	82.2

Year	Oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	69.4	68.9	68.6	66.9	65.2	67.5	67.8	67.1	67.0	68.9	68.7	69.6	68.6
2020 ...	70.9	69.3	68.5	67.6	67.4	67.7	69.0	70.5	74.1	77.0	82.0	84.3	97.5
2021 ...	86.8	100.2	103.9	109.6	116.0	113.9	111.1	108.2	98.4	95.5	97.4	100.7	113.9
2022 ...	103.7	117.7	122.9	125.9	127.9	130.7	123.7	122.9	113.6	108.0	111.9	114.8	115.0
2023 ...	116.0	120.5	118.5	118.4	114.5	112.9	116.6	112.5	105.6	101.4	103.6	104.3	103.8

Year	Fruit and tree nut												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	118.0	110.4	114.2	106.5	98.5	112.9	120.7	124.4	128.8	128.0	127.0	123.4	119.3
2020 ...	113.0	129.2	127.4	121.4	121.5	135.5	146.2	141.1	142.2	145.3	145.1	135.0	137.4
2021 ...	125.8	125.4	120.3	138.6	123.2	127.9	130.0	134.3	133.5	134.7	135.7	133.0	135.1
2022 ...	135.8	135.8	125.8	135.3	132.3	140.4	141.9	151.7	151.3	154.6	152.6	147.0	154.2
2023 ...	151.6	138.7	132.9	140.2	130.4	143.2	155.4	164.3	165.8	163.4	158.4	143.8	151.4

See footnote(s) at end of table.

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Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Vegetables & melons												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	117.2	122.8	144.4	113.7	104.5	127.5	121.9	102.1	99.5	123.5	144.5	135.1	121.5
2020	189.5	111.9	128.7	112.0	109.4	133.5	118.9	100.9	123.8	134.5	151.5	117.1	127.1
2021	121.2	99.0	104.8	93.3	93.8	103.6	104.1	99.6	123.3	193.5	174.5	120.8	120.5
2022	130.9	130.2	173.2	127.3	126.8	127.0	136.1	141.9	160.2	239.2	304.3	300.4	175.0
2023	171.2	155.2	147.8	207.4	160.7	164.4	159.0	141.1	132.8	130.4	143.7	142.8	155.9

Year	Other crop												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	84.9	84.8	86.4	88.1	91.0	93.7	92.9	86.8	94.0	87.3	82.2	82.9	84.0
2020	80.4	80.4	79.4	78.5	80.9	85.5	87.0	86.6	92.9	87.9	84.4	85.5	87.8
2021	86.2	88.6	88.7	89.5	97.5	103.0	103.0	105.2	110.2	108.4	105.1	105.7	109.1
2022	108.8	110.7	113.2	114.5	119.8	126.2	129.0	126.6	130.5	122.5	111.2	110.8	118.0
2023	108.8	110.6	113.9	118.3	122.0	127.5	123.7	110.7	115.8	107.1	99.0	97.2	108.1

Year	Food commodity												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	92.3	93.8	97.5	97.3	95.6	96.3	93.2	94.0	90.0	89.4	96.7	96.8	94.7
2020	96.1	95.1	97.7	84.2	87.7	92.4	90.4	90.1	92.0	93.9	100.3	95.3	97.2
2021	93.8	96.8	100.0	106.9	107.7	108.7	107.9	110.7	111.3	111.7	114.6	118.5	111.1
2022	118.7	125.3	133.3	139.6	140.5	140.2	139.4	135.2	135.3	133.7	145.3	150.3	137.4
2023	132.1	132.1	134.4	136.9	132.5	132.9	131.0	133.4	130.3	123.3	128.6	125.2	129.3

Year	Livestock production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	97.7	95.0	97.8	100.4	99.2	97.0	93.7	93.3	87.5	90.9	96.2	97.1	95.6
2020	98.4	94.6	97.1	78.2	82.6	86.7	84.4	83.5	83.8	90.2	93.9	90.2	88.7
2021	90.7	92.5	96.8	103.6	106.5	107.2	107.1	108.7	108.6	107.7	110.2	120.1	105.1
2022	123.6	125.6	133.8	144.7	145.6	144.4	146.2	134.9	136.5	139.2	143.6	150.7	138.9
2023	136.4	133.3	138.3	135.7	133.7	135.1	132.3	134.3	133.0	133.1	134.0	130.0	134.1

Year	Meat animal												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	96.7	97.6	100.7	104.9	102.0	97.2	94.9	94.9	86.0	89.7	92.9	94.7	96.1
2020	98.5	96.5	92.8	87.5	91.4	88.0	79.9	85.2	87.8	91.8	91.1	89.8	90.0
2021	91.7	95.3	99.8	106.2	106.8	109.9	109.7	110.2	108.3	106.2	106.9	110.1	105.3
2022	111.1	116.2	119.6	120.0	121.1	121.3	124.1	124.7	122.0	122.6	124.7	123.8	121.1
2023	122.2	124.3	129.3	131.9	135.0	142.1	146.2	147.6	142.4	142.7	139.5	129.8	136.1

Year	Cattle												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	106.2	107.8	110.3	109.7	104.3	99.4	97.6	96.7	90.4	94.7	99.7	103.3	101.6
2020	107.0	105.2	99.3	94.8	95.4	95.3	85.4	90.5	91.8	94.1	95.3	95.6	95.8
2021	97.2	98.7	99.5	103.8	103.1	105.5	106.6	107.8	108.9	108.7	113.3	119.8	106.1
2022	118.5	120.4	121.7	121.7	123.0	122.2	123.9	123.6	125.4	127.8	132.7	134.8	124.6
2023	136.6	138.4	144.1	150.5	152.0	158.7	158.7	160.1	160.4	163.9	161.9	153.3	153.1

Year	Hog												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	67.1	65.3	69.9	89.3	93.7	89.5	85.1	88.0	71.7	73.8	72.2	71.1	78.1
2020	71.9	68.4	71.7	63.6	76.7	62.1	60.0	64.5	74.7	84.7	78.0	73.8	70.9
2021	75.5	84.8	101.1	113.7	119.2	124.4	120.3	118.8	106.5	98.5	88.1	85.0	103.0
2022	88.4	103.2	112.9	114.6	114.1	118.3	124.8	129.0	111.0	106.0	100.3	94.0	109.7
2023	88.0	89.6	92.8	85.7	88.4	97.1	111.7	110.8	97.6	90.8	86.5	80.2	93.3

See footnote(s) at end of table.

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Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Dairy												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	82.6	83.6	87.6	88.1	89.6	90.0	93.0	94.0	96.0	100.0	105.5	103.0	92.7
2020 ...	97.0	93.5	88.6	71.1	67.7	90.0	102.0	92.0	87.6	98.5	104.5	90.0	90.2
2021 ...	85.1	83.1	86.1	91.0	95.0	90.5	88.6	87.6	91.0	97.5	103.0	108.0	92.2
2022 ...	118.9	121.9	127.4	134.3	135.3	132.8	126.9	119.9	119.9	127.4	126.4	121.9	126.1
2023 ...	114.9	107.5	105.0	103.0	96.0	89.1	86.6	98.0	104.5	107.5	108.0	102.5	101.9
Year	Poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	111.8	99.9	101.3	103.1	102.7	102.8	91.9	89.4	83.2	86.0	95.1	96.7	96.9
2020 ...	99.4	91.8	112.2	67.0	79.3	81.5	79.6	74.4	73.7	81.4	91.2	90.8	85.2
2021 ...	93.7	96.2	101.3	111.7	118.0	119.3	119.4	124.4	125.8	120.3	124.4	151.1	117.1
2022 ...	158.9	153.0	176.9	215.7	213.3	211.9	217.4	176.0	189.2	191.9	209.5	241.7	195.7
2023 ...	188.6	180.0	193.0	178.0	168.5	165.7	143.5	134.6	137.8	133.3	145.5	155.6	160.1

[1] Weighted index using monthly commodity market shares.

Prices Received Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2019-2023

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

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	888	927	959	963	952	964	941	943	909	889	928	940	928
2020 ...	915	935	955	846	872	908	893	895	914	915	955	936	980
2021 ...	921	978	1007	1076	1097	1108	1103	1131	1122	1103	1121	1164	1135
2022 ...	1152	1236	1313	1381	1393	1396	1385	1356	1354	1317	1377	1422	1343
2023 ...	1285	1306	1324	1352	1313	1316	1291	1296	1256	1176	1176	1172	1224
Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	680	735	761	743	732	781	775	779	773	725	741	750	738
2020 ...	717	755	762	753	756	780	771	784	812	765	799	795	875
2021 ...	770	848	859	917	925	938	931	964	949	928	937	929	997
2022 ...	916	999	1055	1072	1083	1106	1090	1118	1106	1061	1107	1122	1073
2023 ...	1029	1051	1035	1101	1052	1052	1042	1026	981	906	881	887	927
Year	Livestock production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	1134	1103	1136	1165	1152	1126	1088	1083	1016	1055	1117	1128	1112
2020 ...	1143	1098	1128	908	959	1007	981	970	974	1048	1091	1048	1032
2021 ...	1054	1075	1124	1203	1237	1245	1244	1262	1262	1252	1280	1395	1222
2022 ...	1436	1459	1555	1681	1691	1678	1698	1567	1586	1617	1668	1751	1615
2023 ...	1584	1549	1606	1576	1553	1569	1537	1560	1545	1547	1557	1510	1560

[1] Weighted index using monthly commodity market shares.

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: See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

December Prices Paid by Farmers

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.6, is down 0.5 percent from November 2023 and 0.6 percent from December 2022.

Production: The December index, at 134.5, is down 0.7 percent from November and 2.5 percent from last year. Lower prices in December for feeder cattle, diesel, complete feeds, and gasoline more than offset higher prices for feeder pigs, LP gas, nitrogen, and potash & phosphate.

> **Feed:** At 123.0, the December index decreased 0.4 percent from November and 12 percent from last December. Since November, lower prices for complete feeds, supplements, hay & forages, and concentrates more than offset higher prices for feed grains.
>
> **Livestock and poultry:** The December index, at 156.2, decreased 3.6 percent from November but increased 21 percent from last year. Since November, lower prices for feeder cattle more than offset higher prices for feeder pigs. The December feeder cattle price, at $232.00 per cwt, is $12.00 less per cwt than the November price. The December feeder pigs price, at $113.00 per cwt, is $17.00 more per cwt than November.
>
> **Fertilizer:** The index for December, at 111.4, is up 0.6 percent from November but down 33 percent from December a year ago. Since November, higher prices for nitrogen and potash & phosphate more than offset lower prices for mixed fertilizer.
>
> **Chemicals:** The December index, at 126.0, is unchanged from November but down 17 percent from last December.
>
> **Fuels:** At 86.0, the December index is down 4.6 percent from November and 11 percent from December 2023. Compared with November, prices are lower for diesel and gasoline, but higher for LP gas.
>
> **Machinery:** The index for December, at 160.0, is unchanged from November but up 0.8 percent from last December. Compared with last month, prices are unchanged for tractors, self-propelled machinery, and other machinery.

Consumer Price Index: The December 2023 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, is up 3.3 percent over the last 12 months to an index level of 306.746 (1982-1984=100). For the month, the index decreased 0.1 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: December 2023 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		
	December 2022	November 2023	December 2023	December 2022	November 2023	December 2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	3744	3742	3721	138.4	138.3	137.6
Production	2869	2819	2798	137.9	135.5	134.5
Feed	1543	1359	1354	140.2	123.5	123.0
Livestock and poultry	2557	3199	3083	129.6	162.1	156.2
Seeds	4329	4329	4329	131.7	131.7	131.7
Fertilizer	1754	1334	1343	145.5	110.7	111.4
Chemicals	1369	1130	1130	152.6	126.0	126.0
Fuels	2690	2520	2406	96.2	90.1	86.0
Supplies and repairs	1667	1707	1704	141.3	144.7	144.4
Autos and trucks	3920	3970	3960	127.5	129.1	128.8
Machinery	9700	9771	9771	158.8	160.0	160.0
Building materials	3800	3846	3853	163.3	165.3	165.5
Services and rent	3098	3170	3169	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	138.6	141.6	141.5
Rent	(NA)	(NA)	(NA)	124.0	127.0	127.0
Interest [1]	4693	5205	5205	128.6	142.7	142.7
Taxes [2]	8197	8532	8532	138.1	143.8	143.8
Wage rates	11343	12041	12041	158.4	168.1	168.1
Family living-CPI [3]	2821	2918	2915	132.0	136.5	136.4
Production, interest, taxes, and wage rates (PITW)	3934	3909	3885	139.5	138.6	137.8
Ratio (received/paid)	(NA)	(NA)	(NA)	100	83	83
Parity ratio [4]	38	31	31	(NA)	(NA)	(NA)
Parity ratio adjusted [5]	39	32	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity [6]	2060	2042	2039	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	139.3	136.9	136.7
Livestock sector (PPITW)	(NA)	(NA)	(NA)	137.5	139.9	138.5
Farm sector (production)	(NA)	(NA)	(NA)	135.1	137.7	135.5
Non-farm sector (production)	(NA)	(NA)	(NA)	139.7	134.0	133.8

(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: December 2023 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)		
	2022	2023 [1]	December 2022	November 2023	December 2023
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	72.5	74.105	137.9	135.5	134.5
Feed	13.6	14.697	140.2	123.5	123.0
Feed grains	1.9	2.102	111.9	81.6	82.5
Complete feeds	6.7	7.202	141.6	127.1	126.4
Hay and forages	1.7	1.837	152.0	127.3	126.6
Concentrates	2.2	2.322	140.9	140.1	139.9
Supplements	1.1	1.235	161.6	136.2	135.1
Livestock and poultry	9.6	9.752	129.6	162.1	156.2
Feeder cattle	7.5	7.597	131.4	178.1	169.4
Feeder pigs	0.8	0.780	125.7	68.6	80.7
Milk cow replacements	0.8	0.790	121.8	130.3	130.3
Poultry	0.6	0.585	121.2	121.2	121.2
Seeds	5.1	4.901	131.7	131.7	131.7
Field crops	4.6	4.440	128.7	128.7	128.7
Grasses and legumes	0.5	0.461	159.7	159.7	159.7
Fertilizer	5.5	6.668	145.5	110.7	111.4
Mixed fertilizer	2.4	2.934	137.1	123.8	123.7
Nitrogen	2.3	2.801	160.9	97.6	98.5
Potash and phosphate	0.8	0.934	125.9	108.8	111.2
Chemicals	3.6	3.637	152.6	126.0	126.0
Herbicides	2.3	2.291	173.9	143.5	143.5
Insecticides	0.8	0.837	117.8	97.2	97.2
Fungicides and other	0.5	0.509	114.0	94.1	94.1
Fuels	2.7	3.042	96.2	90.1	86.0
Diesel	1.7	1.893	106.4	96.1	89.7
Gasoline	0.6	0.637	85.4	88.4	83.7
LP gas	0.5	0.511	71.5	70.2	75.5
Supplies and repairs	4.5	4.392	141.3	144.7	144.4
Supplies	1.5	1.471	143.6	142.9	143.1
Repairs	3.0	2.920	140.1	145.6	145.1
Autos and trucks	1.2	1.140	127.5	129.1	128.8
Autos	0.2	0.148	121.5	122.4	122.0
Trucks	1.0	0.992	128.4	130.1	129.8
Machinery	4.3	4.827	158.8	160.0	160.0
Tractors	0.9	1.062	135.9	135.3	135.3
Self-propelled	1.7	1.931	159.6	163.4	163.4
Other machinery	1.6	1.834	171.2	170.6	170.6
Building materials	3.6	3.648	163.3	165.3	165.5
Services	11.7	10.954	138.6	141.6	141.5
Custom rates	1.2	1.128	126.0	141.2	141.2
Other services	10.5	9.826	140.0	141.7	141.6
Rent	7.0	6.448	124.0	127.0	127.0
Cash	3.8	3.463	126.1	129.0	129.0
Share	3.2	2.986	121.5	124.7	124.7
Interest	2.2	2.095	128.6	142.7	142.7
Taxes	3.2	3.159	138.1	143.8	143.8
Wage rates	7.8	7.114	158.4	168.1	168.1
Family living-CPI	14.3	13.526	132.0	136.5	136.4

[1] Starting 2023, relative weights published to three decimals.

Feed Price Ratios – United States: December 2023 with Comparisons

Feed price ratio [1]	December 2022	November 2023	December 2023
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight [2]	4.3	4.8	5.2
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs [3]	32.2	13.8	14.4
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	9.5	12.3	11.1
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk [4]	1.83	2.12	2.00
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	24.0	39.5	36.7
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight [5]	7.7	5.2	3.7

[1] Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.
[2] The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.
[3] The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.
[4] The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.
[5] The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

Prices Received Used to Calculate Feed Price Ratios – United States: December 2023 with Comparisons

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

Item		December 2022	November 2023	December 2023
		(dollars)	(dollars)	(dollars)
Broilers, live	pound	0.726	0.665	0.737
Eggs, market	dozen	4.77	1.61	1.71
Hogs, all	cwt	62.50	57.50	53.30
Milk, all	cwt	24.50	21.70	20.60
Steers and heifers	cwt	158.00	184.00	176.00
Turkeys, live	pound	1.220	0.652	0.471
Corn	bushel	6.58	4.66	4.80
Hay, alfalfa	ton	268.00	207.00	205.00
Soybeans	bushel	14.40	13.00	13.10
Wheat, all	bushel	8.97	6.53	6.79

Prices Paid for Feeder Livestock – United States: December 2023 with Comparisons

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

Item		December 2022	November 2023	December 2023
		(dollars)	(dollars)	(dollars)
Feeder cattle & calves	cwt	180.00	244.00	232.00
Feeder pigs	cwt	176.00	96.00	113.00

Annual Average Prices Paid for Feeder Livestock – United States: 2018-2023

Item	2018	2019	2020	2021	2022	2023
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Feeders and stockers						
Cattle and calves ..... cwt	148.00	141.00	138.00	147.00	168.00	223.00
Feeder pigs ..... cwt	132.00	150.00	92.10	185.00	194.00	128.00

Grazing Fee Rates for Cattle – States, Regions, and United States: 2022 and 2023

State	Survey average rates [1]					
	Animal unit [2]		Cow-calf		Per head	
	2022	2023	2022	2023	2022	2023
	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)
Arizona	(S)	(S)	(S)	(S)	(S)	15.00
California	22.80	24.50	(S)	(S)	25.80	27.50
Colorado	19.50	20.00	23.00	23.50	20.00	21.00
Idaho	19.00	19.00	22.50	23.50	19.50	20.00
Kansas	23.00	26.00	28.50	30.50	30.50	28.50
Montana	27.00	27.50	28.00	28.50	26.50	27.00
Nebraska	44.00	44.50	52.00	52.00	43.00	43.50
Nevada	(S)	(S)	(S)	(S)	(S)	18.00
New Mexico	16.50	16.50	(S)	(S)	17.00	17.00
North Dakota	23.50	25.00	27.50	28.50	24.00	(S)
Oklahoma	10.00	11.00	14.00	(S)	13.00	14.00
Oregon	19.00	19.50	22.00	23.00	22.50	22.00
South Dakota	37.00	36.00	44.00	44.00	43.00	39.00
Texas	12.00	12.00	(S)	(S)	17.00	16.00
Utah	19.00	19.50	(S)	21.00	19.50	20.00
Washington	16.00	16.00	(S)	(S)	(S)	(S)
Wyoming	24.50	25.00	26.50	26.50	25.00	25.00
17-State [3]	21.50	22.00	25.70	26.40	24.60	24.20
16-State [4]	24.60	25.40	29.20	29.90	27.10	26.90
11-State [5]	21.00	21.60	23.90	24.60	22.50	22.80
9-State [6]	21.60	22.10	26.10	26.80	25.00	24.40

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

[1] The average rates are estimates based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Cattle Survey.

[2] Animal unit (AUM) rate includes survey rates for both animal unit and cow-calf. The rate is converted to an AUM rate using a multiplier factor of 0.833. The multiplier factor is the conversion of a 1,200 pound cow to a 1,000 pound cow.

[3] 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

[4] 16 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming.

[5] 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

[6] 9 Great Plains States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023

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

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	110.7	110.7	110.8	111.3	110.7	110.2	110.3	109.5	109.1	109.8	110.0	110.0	110.3
2020	110.9	110.6	109.7	108.5	108.5	108.7	109.5	109.8	110.3	111.1	112.0	112.7	110.2
2021	113.9	115.2	116.5	117.5	118.4	119.7	120.9	121.4	121.8	123.1	124.2	125.6	119.9
2022	131.0	133.1	135.0	137.6	137.8	138.3	138.7	139.3	138.8	138.6	138.8	138.4	137.1
2023	140.3	140.3	140.3	139.7	138.9	138.5	138.6	138.7	138.7	138.8	138.3	137.6	139.1
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	110.5	110.4	110.4	110.9	110.2	109.6	109.7	108.8	108.3	109.1	109.2	109.3	109.7
2020	110.3	109.9	108.9	107.6	107.7	107.8	108.6	108.9	109.4	110.4	111.4	112.2	109.4
2021	113.5	114.9	116.3	117.2	118.2	119.5	120.8	121.4	121.7	123.1	124.3	125.9	119.7
2022	132.0	134.2	136.2	139.1	139.1	139.4	139.8	140.6	140.0	139.6	139.9	139.5	138.3
2023	141.4	141.3	141.3	140.5	139.5	138.9	139.1	139.1	139.0	139.2	138.6	137.8	139.6
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	107.6	107.5	107.6	108.4	107.6	106.8	106.8	105.7	105.1	105.9	106.1	106.2	106.8
2020	107.0	106.5	105.3	103.9	104.0	104.2	104.6	105.0	105.6	106.5	107.7	108.7	105.8
2021	109.6	111.3	112.9	114.2	115.3	116.9	117.9	118.5	119.0	120.6	122.0	123.9	116.8
2022	129.1	131.7	134.1	137.9	137.9	138.2	138.3	139.2	138.5	138.0	138.3	137.9	136.6
2023	138.9	138.8	138.8	138.3	137.1	136.4	136.2	136.2	136.1	136.1	135.5	134.5	136.9
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	104.1	103.9	104.0	104.5	104.4	105.4	104.7	103.9	103.1	103.4	103.1	103.5	104.0
2020	106.5	106.1	105.5	105.5	104.4	103.3	103.6	103.0	104.2	107.6	110.9	113.6	106.2
2021	111.2	115.6	117.9	119.5	125.2	125.8	125.5	125.4	123.1	122.4	123.6	125.8	121.8
2022	125.2	129.1	135.0	139.4	141.3	140.6	141.3	142.9	143.7	140.9	140.5	140.2	138.3
2023	140.4	141.2	140.1	139.5	137.3	134.2	132.3	129.1	126.4	123.5	123.5	123.0	132.5
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	106.0	104.9	105.7	111.5	104.9	97.2	98.0	95.2	95.0	99.4	101.6	102.6	101.8
2020	107.3	104.8	98.6	88.9	90.4	90.6	93.1	95.9	97.7	99.5	102.2	103.2	97.7
2021	103.7	106.0	107.6	110.4	104.2	105.5	108.7	110.3	110.1	112.9	112.7	117.1	109.1
2022	120.9	125.8	122.7	122.4	117.4	118.2	121.6	125.3	124.2	123.9	126.7	129.6	123.2
2023	133.8	136.6	142.3	145.7	145.9	152.1	156.5	159.0	162.4	165.5	162.1	156.2	151.5
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9
2020	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
2021	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
2022	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7
2023	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	75.6	76.4	75.6	75.0	74.3	73.1	71.1	69.7	69.2	68.7	67.3	65.3	71.8
2020	66.3	65.9	66.8	67.9	68.6	67.6	66.9	66.6	67.6	68.8	70.0	71.4	67.9
2021	71.8	75.1	77.6	80.5	83.8	89.3	92.6	93.3	95.7	102.4	109.8	119.1	90.9
2022	139.8	144.2	150.6	158.0	157.6	152.0	141.9	145.2	144.3	147.7	149.8	145.5	148.1
2023	140.9	133.1	127.1	122.6	118.3	111.7	106.3	106.3	105.6	109.4	110.7	111.4	117.0
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	102.5	100.8	99.9	99.7	99.8	101.5	102.9	95.6	88.8	94.3	95.3	93.5	97.9
2020	95.7	95.7	93.9	94.0	95.3	95.8	95.8	95.8	95.8	94.5	96.6	96.0	95.4
2021	98.2	94.7	98.2	99.5	98.6	102.7	101.1	103.1	105.4	110.3	110.3	110.3	102.7
2022	131.3	131.3	131.3	170.1	166.8	171.4	172.8	173.4	164.5	151.8	156.0	152.6	156.1
2023	148.9	150.8	152.4	144.3	140.6	135.2	133.3	131.7	125.7	126.0	126.0	126.0	136.7

See footnote(s) at end of table.

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Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Fuels												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	67.9	68.6	70.6	72.2	71.6	67.1	67.4	64.4	65.4	66.5	68.0	66.8	68.0
2020 ...	65.2	62.0	55.7	51.5	52.8	56.3	57.0	57.4	56.9	57.3	58.1	63.2	57.8
2021 ...	62.5	66.3	72.4	71.0	72.7	76.3	79.2	79.8	82.9	89.0	88.3	83.5	77.0
2022 ...	91.0	98.3	120.2	117.3	124.0	129.1	122.1	111.4	107.9	109.3	109.1	96.2	111.3
2023 ...	98.4	96.2	92.9	92.6	87.1	83.9	86.2	95.2	98.9	96.0	90.1	86.0	92.0

Year	Supplies & repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	114.2	114.2	114.3	114.4	114.5	114.5	115.1	115.0	115.0	115.1	115.1	115.1	114.7
2020 ...	115.5	115.8	115.7	116.5	116.5	116.4	116.8	116.7	116.8	117.2	117.2	117.3	116.5
2021 ...	118.1	118.6	119.2	120.4	122.3	125.1	126.7	127.4	127.9	129.0	131.8	132.1	124.9
2022 ...	133.8	135.1	135.8	138.8	139.1	139.3	140.5	140.9	141.0	141.8	141.4	141.3	139.1
2023 ...	142.2	143.0	143.4	144.2	144.6	144.2	144.7	144.8	144.7	144.4	144.7	144.4	144.1

Year	Autos & trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	105.9	106.2	106.6	106.6	106.5	106.2	105.9	105.5	105.1	105.0	105.1	105.5	105.8
2020 ...	106.2	106.6	106.1	106.1	106.2	106.1	106.5	106.2	106.2	106.8	106.9	107.6	106.5
2021 ...	107.8	107.9	107.8	108.4	110.0	111.9	113.6	114.6	115.8	117.6	118.9	120.2	112.9
2022 ...	120.9	121.2	121.3	122.4	123.6	124.5	125.4	126.0	126.5	127.2	127.4	127.5	124.5
2023 ...	128.1	128.5	128.9	129.2	129.6	129.8	129.8	129.9	129.9	129.7	129.1	128.8	129.3

Year	Machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	122.6	122.7	122.7	122.8	122.5	123.5	123.5	123.5	123.6	123.6	123.4	125.4	123.3
2020 ...	124.1	124.1	124.3	124.3	124.3	124.8	124.8	125.2	125.0	125.8	125.5	125.8	124.8
2021 ...	135.7	136.6	138.1	139.4	140.5	142.1	144.4	146.4	151.0	154.9	157.9	160.0	145.6
2022 ...	142.8	147.3	147.3	150.3	149.8	152.3	153.7	154.7	155.1	159.8	159.2	158.8	152.6
2023 ...	158.5	157.0	157.2	157.6	157.9	158.4	158.6	159.2	160.3	161.0	160.0	160.0	158.8

Year	Building materials												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	117.8	118.2	118.0	118.4	118.3	118.0	118.6	118.1	118.0	117.9	117.9	117.9	118.1
2020 ...	118.5	118.8	119.5	118.8	118.8	119.3	120.0	121.6	123.7	123.4	122.8	123.8	120.8
2021 ...	126.5	128.7	131.8	135.4	140.2	143.8	144.1	144.0	144.5	146.3	148.9	151.8	140.5
2022 ...	157.1	160.0	163.2	163.9	165.3	164.9	165.3	166.0	165.2	164.6	163.9	163.3	163.6
2023 ...	164.3	164.3	165.0	165.1	164.7	164.6	165.1	165.3	165.6	165.2	165.3	165.5	165.0

Year	Services [2]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	116.5	116.6	116.3	116.3	116.6	117.4	117.4	117.2	116.9	116.6	116.4	116.2	116.7
2020 ...	116.5	116.3	116.3	116.0	115.6	116.4	116.7	116.6	116.7	116.6	117.2	117.3	116.5
2021 ...	118.0	118.6	118.8	119.7	120.2	120.4	120.7	121.5	122.1	122.1	122.9	123.7	120.7
2022 ...	130.6	131.4	132.4	133.7	134.9	136.1	137.9	138.4	138.0	138.4	137.1	138.6	135.6
2023 ...	141.3	141.9	141.6	140.9	141.1	141.8	141.2	141.1	141.9	141.5	141.6	141.5	141.5

Year	Rent [2]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4
2020 ...	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6
2021 ...	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1
2022 ...	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0
2023 ...	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0

Year	Ratio (paid/received)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	77	81	84	84	83	85	83	83	81	78	82	83	82
2020 ...	80	82	85	76	78	81	79	79	81	80	83	81	80
2021 ...	78	83	84	89	90	89	88	91	89	87	88	90	87
2022 ...	85	90	94	97	98	98	96	94	94	92	96	100	95
2023 ...	89	91	91	94	91	93	90	91	88	82	83	83	89

See footnote(s) at end of table.

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Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Interest												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
2020	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
2021	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6
2022	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6
2023	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7	142.7
Year	Taxes												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
2020	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8
2021	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5	132.5
2022	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1
2023	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
Year	Wage rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	133.7	133.7	133.7	131.5	131.5	131.5	133.2	133.2	133.2	134.2	134.2	134.2	133.2
2020	136.6	136.6	136.6	134.7	134.7	134.7	139.6	139.6	139.6	141.8	141.8	141.8	138.2
2021	144.9	144.9	144.9	142.7	142.7	142.7	148.3	148.3	148.3	148.3	148.3	148.3	146.1
2022	157.6	157.6	157.6	153.9	153.9	153.9	157.6	157.6	157.6	158.4	158.4	158.4	156.9
2023	165.8	165.8	165.8	161.6	161.6	161.6	166.3	166.3	166.3	168.1	168.1	168.1	165.5
Year	Family living												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	111.9	112.4	113.0	113.6	113.9	113.9	114.1	114.1	114.2	114.4	114.4	114.3	113.7
2020	114.7	115.0	114.8	114.0	114.0	114.6	115.2	115.6	115.7	115.8	115.7	115.8	115.1
2021	116.3	116.9	117.8	118.7	119.7	120.8	121.4	121.6	122.0	123.0	123.6	124.0	120.5
2022	125.0	126.2	127.8	128.6	130.0	131.8	131.7	131.7	132.0	132.5	132.4	132.0	130.1
2023	133.0	133.8	134.2	134.9	135.2	135.7	135.9	136.5	136.9	136.8	136.5	136.4	135.5
Year	Production items with farm origin [3]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	106.5	106.0	106.4	108.5	106.3	104.2	104.2	102.8	102.4	104.0	104.6	105.1	105.1
2020	108.0	107.0	104.6	101.4	101.4	100.9	101.9	102.5	103.7	105.9	108.4	110.0	104.6
2021	109.7	112.7	114.3	116.0	116.8	117.5	118.4	118.9	117.7	118.3	118.8	121.3	116.7
2022	124.9	128.4	130.2	132.3	131.5	131.4	132.9	134.9	134.9	133.5	134.2	135.1	132.0
2023	136.8	138.1	139.4	140.3	139.2	139.8	140.3	139.5	139.2	138.8	137.7	135.5	138.7
Year	Production items with non-farm origin [4]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	108.3	108.4	108.3	108.4	108.3	108.3	108.3	107.3	106.7	107.1	107.0	106.8	107.8
2020	106.4	106.1	105.7	105.5	105.7	106.1	106.3	106.4	106.7	106.9	107.3	107.9	106.4
2021	109.5	110.4	111.9	113.1	114.4	116.5	117.5	118.3	119.7	122.1	124.0	125.5	116.9
2022	131.8	133.8	136.5	141.5	142.0	142.6	141.8	142.0	140.8	140.9	141.0	139.7	139.5
2023	140.4	139.3	138.3	137.0	135.8	134.3	133.5	134.0	134.0	134.3	134.0	133.8	135.7
Year	Crop sector (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	111.5	111.6	111.6	111.5	111.4	111.3	111.5	110.8	110.3	110.8	110.8	110.6	111.1
2020	110.9	110.8	110.4	110.0	110.1	110.4	111.1	111.2	111.4	111.8	112.1	112.5	111.1
2021	114.5	115.1	116.2	116.8	117.6	119.1	120.4	120.9	121.8	123.5	124.7	125.8	119.7
2022	133.4	134.8	136.7	140.0	140.3	140.8	140.6	140.8	140.0	140.0	140.2	139.3	138.9
2023	141.0	140.3	139.7	138.4	137.5	136.5	136.3	136.7	136.6	137.1	136.9	136.7	137.8
Year	Livestock sector (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	109.8	109.7	110.0	111.1	110.0	108.9	109.0	108.1	107.8	108.8	109.1	109.3	109.3
2020	110.9	110.4	108.9	106.9	106.9	106.9	107.9	108.3	109.1	110.5	111.9	113.0	109.3
2021	113.3	115.3	116.8	118.1	119.1	120.2	121.4	121.9	121.7	122.8	123.6	125.4	120.0
2022	128.5	131.2	133.3	135.1	135.2	135.7	136.7	137.7	137.6	137.1	137.4	137.5	135.3
2023	139.6	140.3	140.9	141.1	140.4	140.6	141.0	140.9	140.9	140.7	139.9	138.5	140.4

[1] Weighted index using 5-year average production expenditures
[2] For the 2011=100 base period, the Services & Rent Index is separated.
[3] Feed, livestock & poultry purchases, and seed.
[4] Fertilizer, agricultural chemicals, fuels, supplies & repairs, autos & trucks, machinery, building materials, and services & rent.

Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023

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

Year	Feed grains												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	59.9	60.7	60.9	59.4	61.2	67.1	70.0	65.2	63.5	64.1	61.7	62.0	63.0
2020 ...	63.2	63.1	61.9	56.5	55.6	55.6	57.2	54.6	59.7	63.4	66.9	69.5	60.6
2021 ...	73.9	83.1	84.8	91.6	100.4	101.1	101.6	103.8	91.7	85.8	90.0	94.0	91.8
2022 ...	96.0	104.4	111.7	119.9	122.5	121.7	118.2	120.1	118.6	111.0	111.1	111.9	113.9
2023 ...	111.9	114.9	112.7	113.1	110.4	109.3	103.3	96.1	89.3	85.3	81.6	82.5	100.9
Year	Complete feeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	108.6	108.2	108.3	108.5	107.9	109.0	109.8	109.9	109.7	109.5	109.8	110.1	109.1
2020 ...	114.3	114.0	113.5	114.8	113.1	111.7	111.8	111.4	112.5	115.7	119.9	123.4	114.7
2021 ...	118.6	123.1	126.2	127.1	131.8	133.7	133.0	131.5	130.9	130.0	131.4	133.7	129.3
2022 ...	129.3	132.8	139.4	143.2	144.8	143.9	144.0	145.0	145.6	142.8	142.3	141.6	141.2
2023 ...	141.8	142.6	141.3	139.9	137.1	134.2	133.2	130.7	129.0	126.5	127.1	126.4	134.2
Year	Hay & forages												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	111.0	112.4	114.4	120.6	119.7	114.0	107.3	104.3	102.1	104.3	104.3	104.1	109.9
2020 ...	103.4	104.0	103.5	104.0	104.6	102.0	103.1	103.1	98.8	102.1	101.0	101.0	102.6
2021 ...	101.7	104.7	107.8	109.6	119.6	119.6	121.5	124.5	125.0	126.7	124.6	126.0	117.6
2022 ...	124.7	127.1	129.9	139.1	146.5	145.4	152.0	156.7	156.2	157.5	152.9	152.0	145.0
2023 ...	149.6	149.0	150.3	156.1	154.3	147.7	139.7	132.5	130.4	128.9	127.3	126.6	141.0
Year	Concentrates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	119.3	117.6	116.9	116.3	115.9	117.4	113.8	115.4	113.7	113.9	113.5	114.3	115.7
2020 ...	116.8	116.4	115.5	116.4	116.9	116.4	115.8	115.4	116.7	120.8	125.3	127.0	118.3
2021 ...	128.6	130.2	129.5	129.2	130.4	128.1	125.7	124.8	123.3	122.2	122.4	123.3	126.5
2022 ...	133.9	135.5	140.1	142.0	139.0	138.4	140.8	144.9	146.5	139.1	141.1	140.9	140.2
2023 ...	144.1	147.5	146.7	143.2	141.2	137.7	141.5	142.2	138.8	135.1	140.1	139.9	141.5
Year	Supplements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	114.5	113.7	112.9	111.3	113.4	114.5	113.3	111.9	113.5	113.1	113.5	114.3	113.3
2020 ...	119.6	117.0	117.3	116.3	113.3	113.3	113.0	112.7	116.5	119.4	121.4	125.0	117.1
2021 ...	112.5	116.0	119.2	118.9	127.9	127.1	128.3	129.1	128.3	134.7	135.8	137.8	126.3
2022 ...	135.9	140.4	146.6	146.5	149.6	150.5	149.5	144.7	150.9	159.5	160.2	161.6	149.7
2023 ...	160.4	155.1	152.5	151.2	151.5	150.2	148.4	146.9	145.1	141.3	136.2	135.1	147.8
Year	Feeder Cattle												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	106.8	105.8	105.8	108.9	102.8	97.4	99.7	98.5	97.8	102.2	104.5	104.1	102.9
2020 ...	107.8	105.6	99.0	92.2	94.9	96.0	98.7	101.5	100.8	101.0	103.9	103.4	100.4
2021 ...	101.8	102.8	102.5	104.8	99.8	103.6	109.0	111.1	109.5	113.1	113.3	117.6	107.4
2022 ...	119.2	121.2	116.6	116.7	115.8	118.6	121.9	126.9	127.0	127.7	129.9	131.4	122.7
2023 ...	133.6	138.0	145.1	153.8	157.5	166.7	172.3	176.7	179.6	182.5	178.1	169.4	162.8
Year	Feeder pigs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	125.0	121.4	132.1	173.6	150.7	106.4	87.9	65.0	69.3	75.7	80.7	97.1	107.1
2020 ...	114.3	103.6	90.7	40.0	32.1	23.6	24.3	32.1	61.4	79.3	85.7	102.1	65.8
2021 ...	120.0	138.6	161.4	173.6	145.0	124.3	110.0	110.0	123.6	126.4	121.4	135.0	132.4
2022 ...	161.4	202.9	208.6	191.4	137.1	120.0	120.0	117.9	102.9	90.0	104.3	125.7	140.2
2023 ...	157.9	150.7	152.1	110.0	77.1	65.0	62.9	51.4	65.0	68.6	68.6	80.7	92.5
Year	Milk cow replacements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	80.3	80.3	80.3	80.3	80.3	80.3	86.6	86.6	86.6	92.3	92.3	92.3	84.9
2020 ...	91.5	91.5	91.5	88.0	88.0	88.0	92.3	92.3	92.3	94.4	94.4	94.4	91.6
2021 ...	95.8	95.8	95.8	96.5	96.5	96.5	97.2	97.2	97.2	94.4	94.4	94.4	96.0
2022 ...	97.2	97.2	97.2	110.6	110.6	110.6	120.4	120.4	120.4	121.8	121.8	121.8	112.5
2023 ...	121.1	121.1	121.1	121.1	121.1	121.1	123.9	123.9	123.9	130.3	130.3	130.3	124.1

See footnote(s) at end of table.

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Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3
2020	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
2021	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7
2022	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2
2023	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2

Year	Field crop seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
2020	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4
2021	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8
2022	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
2023	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7

Year	Grass & legume seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
2020	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8
2021	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
2022	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7
2023	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7	159.7

Year	Mixed fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	74.6	74.2	73.1	73.6	72.5	72.3	70.5	70.1	70.2	69.7	69.1	68.3	71.5
2020	65.1	64.5	65.0	64.6	65.5	65.2	65.3	65.1	66.1	66.6	68.4	69.3	65.9
2021	80.5	82.8	84.5	85.9	88.1	90.6	94.4	97.0	99.3	100.3	103.6	106.8	92.8
2022	122.2	123.7	124.0	126.0	126.6	127.6	126.7	136.7	136.3	136.4	136.6	137.1	130.0
2023	137.9	135.6	133.9	131.3	130.4	129.2	126.0	125.0	123.6	123.8	123.8	123.7	128.7

Year	Nitrogen												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	76.0	78.7	78.0	77.3	77.0	75.2	73.7	70.8	70.0	70.5	69.4	65.2	73.5
2020	68.9	68.6	69.2	72.3	72.2	70.0	68.9	68.0	68.7	70.2	70.1	71.6	69.9
2021	66.8	70.9	72.8	76.9	79.9	89.2	91.5	89.9	92.0	106.1	118.6	136.0	90.9
2022	157.2	166.1	175.9	190.4	188.8	178.3	158.2	155.5	153.7	161.8	166.4	160.9	167.8
2023	148.9	133.4	121.0	112.8	104.5	90.8	90.1	88.8	88.2	95.1	97.6	98.5	105.8

Year	Potash & phosphate												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	77.6	76.7	76.6	72.6	71.5	69.4	65.0	64.8	63.3	59.9	55.2	55.8	67.4
2020	62.6	62.4	65.2	65.3	67.7	67.9	66.1	66.8	69.1	71.8	75.1	77.2	68.1
2021	59.1	63.3	70.6	74.4	82.4	85.6	90.0	91.7	95.2	98.0	103.3	107.0	85.1
2022	142.9	142.9	158.5	161.1	161.1	150.0	141.0	141.0	141.2	141.1	141.0	125.9	145.6
2023	126.1	124.5	123.6	124.3	121.8	119.7	93.0	100.2	101.4	107.1	108.8	111.2	113.5

Year	Herbicides												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	104.2	102.5	101.7	101.4	101.5	103.2	104.7	97.3	90.3	95.9	96.9	95.1	99.6
2020	96.7	96.7	94.9	95.0	96.3	96.8	96.8	96.8	96.8	95.5	97.6	97.0	96.4
2021	100.7	97.1	100.6	101.9	101.1	105.2	103.6	105.7	108.1	113.0	113.0	113.0	105.3
2022	149.6	149.6	149.6	193.8	190.1	195.3	196.9	197.6	187.4	172.9	177.8	173.9	177.9
2023	169.6	171.9	173.7	164.4	160.3	154.0	151.9	150.0	143.3	143.6	143.5	143.5	155.8

Year	Insecticides												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	96.6	95.0	94.2	93.9	94.0	95.6	97.0	90.1	83.6	88.8	89.8	88.1	92.2
2020	93.5	93.5	91.7	91.8	93.0	93.5	93.5	93.5	93.5	92.3	94.3	93.7	93.2
2021	94.4	91.0	94.3	95.6	94.7	98.7	97.1	99.1	101.3	105.9	105.9	105.9	98.7
2022	101.4	101.4	101.4	131.3	128.8	132.3	133.4	133.9	127.0	117.2	120.4	117.8	120.5
2023	114.9	116.4	117.7	111.4	108.6	104.3	102.9	101.7	97.1	97.3	97.2	97.2	105.6

See footnote(s) at end of table.

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Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Fungicides & other												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	104.4	102.7	101.8	101.6	101.6	103.4	104.8	97.4	90.4	96.0	97.0	95.3	99.7
2020 ...	95.0	95.0	93.2	93.3	94.5	95.1	95.1	95.1	95.1	93.8	95.8	95.2	94.7
2021 ...	93.6	90.2	93.5	94.8	94.0	97.8	96.3	98.2	100.4	105.1	105.1	105.1	97.8
2022 ...	98.1	98.1	98.1	127.0	124.6	128.0	129.0	129.5	122.8	113.3	116.5	114.0	116.6
2023 ...	111.2	112.6	113.9	107.7	105.0	100.9	99.5	98.3	93.9	94.1	94.1	94.1	102.1

Year	Diesel												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	65.0	65.4	67.1	68.1	69.0	67.4	66.4	65.6	65.8	66.6	67.0	66.7	66.7
2020 ...	62.6	59.7	56.0	51.2	49.1	49.4	50.0	49.9	49.6	49.0	49.9	53.1	52.5
2021 ...	59.9	63.6	70.4	69.9	71.9	73.4	74.6	74.9	75.6	80.7	83.3	81.4	73.3
2022 ...	84.1	91.0	115.3	115.6	125.8	129.9	123.9	113.1	112.7	117.7	118.7	106.4	112.9
2023 ...	103.3	99.6	95.1	92.6	88.4	85.8	87.7	98.7	103.0	101.8	96.1	89.7	95.2

Year	Gasoline												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	60.2	61.7	66.8	74.2	75.9	72.2	72.7	69.7	69.1	70.2	69.4	68.1	69.2
2020 ...	69.5	66.8	61.4	51.1	51.7	57.2	59.9	59.9	59.9	59.2	58.0	60.2	59.6
2021 ...	61.4	65.6	73.5	74.8	78.0	80.1	81.9	82.6	83.0	85.8	88.5	86.4	78.5
2022 ...	87.7	92.7	111.0	108.2	116.9	129.3	119.9	105.1	98.1	101.1	97.6	85.4	104.4
2023 ...	88.5	89.9	90.8	95.3	94.2	94.6	95.4	101.6	101.7	96.1	88.4	83.7	93.4

Year	LP Gas												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	87.8	88.9	88.5	84.8	76.2	59.3	64.3	53.5	59.2	61.5	70.4	65.5	71.7
2020 ...	69.7	64.4	47.3	53.0	67.6	80.4	79.6	82.0	80.3	85.3	88.4	104.4	75.2
2021 ...	73.3	76.9	78.3	69.9	69.3	82.0	92.6	94.8	109.7	123.6	106.4	87.8	88.7
2022 ...	120.8	132.3	149.7	134.6	126.1	126.0	118.0	112.7	102.4	88.8	88.1	71.5	114.3
2023 ...	92.5	91.0	87.3	89.1	73.2	63.1	69.1	74.6	80.2	74.2	70.2	75.5	78.3

Year	Supplies												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	114.6	114.8	114.8	114.8	115.3	115.8	116.1	116.1	115.9	115.9	116.0	116.1	115.5
2020 ...	116.3	116.6	116.5	117.3	117.1	117.3	117.3	117.4	117.8	118.3	118.4	118.7	117.4
2021 ...	119.5	120.2	121.5	123.5	126.2	128.4	131.0	131.4	131.4	132.3	132.2	132.7	127.5
2022 ...	135.3	137.6	139.7	142.4	142.6	143.2	143.9	144.0	144.3	144.9	143.6	143.6	142.1
2023 ...	144.1	144.8	144.5	145.0	145.4	145.4	145.0	144.6	144.2	143.4	142.9	143.1	144.4

Year	Repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	114.0	113.9	114.0	114.2	114.0	113.9	114.6	114.4	114.5	114.7	114.7	114.7	114.3
2020 ...	115.1	115.4	115.3	116.1	116.2	116.0	116.6	116.4	116.4	116.7	116.6	116.6	116.1
2021 ...	117.4	117.8	118.0	118.8	120.3	123.5	124.5	125.4	126.1	127.3	131.5	131.8	123.5
2022 ...	133.0	133.9	133.9	136.9	137.3	137.3	138.9	139.3	139.4	140.2	140.3	140.1	137.5
2023 ...	141.2	142.2	142.9	143.8	144.1	143.6	144.5	144.9	144.9	144.9	145.6	145.1	144.0

Year	Autos												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	100.5	100.6	100.9	100.9	100.9	100.8	100.6	100.3	99.8	99.8	99.8	100.1	100.4
2020 ...	100.8	101.4	100.9	100.6	100.7	100.9	101.5	101.3	101.3	101.5	101.5	102.2	101.2
2021 ...	102.5	102.7	102.2	102.3	103.9	105.7	107.3	108.5	109.4	110.8	112.5	114.4	106.9
2022 ...	114.7	115.1	115.2	116.8	118.2	118.9	119.9	120.4	121.0	121.4	121.3	121.5	118.7
2023 ...	122.0	122.3	122.7	123.0	123.1	123.3	123.3	123.2	123.1	123.0	122.4	122.0	122.8

Year	Trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	106.8	107.0	107.5	107.5	107.3	107.0	106.7	106.3	105.9	105.8	105.9	106.4	106.7
2020 ...	107.0	107.3	106.9	106.9	107.1	106.8	107.3	107.0	106.9	107.6	107.7	108.4	107.2
2021 ...	108.6	108.7	108.7	109.3	110.9	112.9	114.6	115.5	116.7	118.6	119.8	121.1	113.8
2022 ...	121.8	122.1	122.2	123.3	124.4	125.4	126.2	126.9	127.4	128.1	128.3	128.4	125.4
2023 ...	129.0	129.4	129.8	130.2	130.5	130.7	130.8	130.8	130.9	130.7	130.1	129.8	130.2

See footnote(s) at end of table.

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Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Tractors												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
2020	113.9	113.9	113.9	113.9	113.9	114.7	113.8	113.8	113.6	114.8	113.9	114.4	114.0
2021	114.6	115.4	116.8	117.2	118.9	120.0	122.2	123.9	127.7	131.1	132.5	135.3	123.0
2022	123.7	127.8	128.0	130.8	129.4	130.0	131.3	132.4	132.7	136.9	136.3	135.9	131.3
2023	135.6	134.2	134.4	134.4	134.6	135.3	135.6	135.6	135.6	136.2	135.3	135.3	135.2

Year	Self-propelled												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	126.2	126.2	126.2	126.2	125.8	125.9	125.9	126.1	126.0	126.0	126.3	130.9	126.5
2020	121.3	121.3	121.3	121.2	121.2	121.1	121.1	121.2	121.2	122.3	122.8	122.8	121.6
2021	143.3	143.2	143.5	143.6	143.6	144.0	145.5	145.5	149.0	153.1	155.0	156.3	147.1
2022	135.3	137.4	137.8	142.2	142.1	148.1	149.5	149.5	149.5	159.6	159.6	159.6	147.5
2023	159.6	159.6	159.6	159.2	159.5	159.8	160.3	161.5	164.2	165.4	163.4	163.4	161.3

Year	Other machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	125.0	125.1	125.3	125.5	125.0	127.7	127.6	127.6	127.6	127.7	127.0	127.4	126.5
2020	133.0	132.9	133.3	133.6	133.5	134.4	135.0	136.0	135.7	135.7	135.0	135.7	134.5
2021	139.9	141.8	144.8	147.9	149.7	152.9	156.1	160.3	166.5	170.6	175.6	178.2	157.0
2022	161.8	169.0	168.4	170.1	169.7	169.6	171.0	173.2	173.9	173.4	172.2	171.2	170.3
2023	170.5	167.5	167.9	169.2	169.7	170.2	170.2	170.5	170.6	170.6	170.6	170.6	169.8

Year	Custom rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4
2020	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6
2021	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
2022	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0
2023	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2

Year	Other services												
	January	February	March	April	May	June	July	August	September	October	November	December	Average [1]
2019	116.3	116.4	116.1	116.1	116.4	117.3	117.3	117.1	116.7	116.4	116.2	116.0	116.5
2020	116.1	115.9	115.9	115.6	115.1	116.0	116.4	116.3	116.4	116.3	116.9	117.0	116.2
2021	118.4	119.0	119.3	120.3	120.8	121.1	121.4	122.3	122.9	122.9	123.9	124.7	121.4
2022	131.1	132.0	133.2	134.6	135.9	137.3	139.3	139.8	139.4	139.8	138.4	140.0	136.7
2023	141.4	142.0	141.6	140.8	141.1	141.8	141.2	141.1	141.9	141.6	141.7	141.6	141.5

Year	Cash rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
2020	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2021	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5
2022	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
2023	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0	129.0

Year	Share rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
2020	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7
2021	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4
2022	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5	121.5
2023	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7

[1] Weighted index using 5-year average production expenditures.

Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2019-2023

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

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	2994	2994	2997	3011	2996	2981	2985	2963	2952	2971	2975	2975	2983
2020 ...	3000	2991	2967	2934	2935	2940	2962	2969	2982	3005	3029	3049	2980
2021 ...	3080	3116	3150	3177	3202	3237	3270	3283	3293	3330	3359	3398	3241
2022 ...	3543	3598	3652	3722	3727	3741	3750	3767	3754	3748	3755	3744	3708
2023 ...	3794	3794	3795	3779	3758	3745	3750	3752	3751	3755	3742	3721	3761
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	3117	3114	3115	3130	3109	3091	3095	3068	3055	3077	3082	3082	3095
2020 ...	3111	3098	3070	3033	3036	3038	3062	3069	3084	3112	3141	3165	3085
2021 ...	3200	3240	3279	3306	3332	3370	3407	3422	3432	3472	3504	3550	3376
2022 ...	3722	3784	3841	3923	3923	3931	3943	3963	3947	3936	3945	3934	3899
2023 ...	3987	3985	3983	3961	3934	3918	3921	3922	3919	3924	3909	3885	3937
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	2241	2238	2240	2256	2239	2223	2223	2200	2188	2205	2209	2210	2223
2020 ...	2226	2215	2191	2163	2165	2167	2177	2184	2197	2217	2242	2262	2201
2021 ...	2281	2316	2349	2377	2400	2433	2453	2467	2475	2510	2538	2578	2431
2022 ...	2686	2740	2790	2870	2870	2877	2879	2897	2882	2871	2879	2869	2842
2023 ...	2891	2889	2888	2877	2854	2839	2833	2834	2831	2832	2819	2798	2849
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	1146	1144	1146	1150	1150	1161	1153	1144	1135	1138	1136	1139	1145
2020 ...	1172	1168	1161	1161	1149	1137	1141	1133	1147	1185	1221	1250	1169
2021 ...	1223	1272	1298	1315	1378	1385	1381	1380	1355	1347	1360	1384	1340
2022 ...	1378	1421	1485	1535	1555	1547	1555	1572	1581	1551	1546	1543	1522
2023 ...	1545	1554	1542	1536	1511	1477	1456	1421	1391	1359	1359	1354	1459
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	2092	2071	2088	2202	2071	1919	1934	1879	1876	1963	2007	2025	2011
2020 ...	2118	2068	1945	1755	1784	1789	1837	1893	1928	1964	2018	2036	1928
2021 ...	2046	2092	2124	2179	2057	2082	2145	2176	2173	2229	2224	2311	2153
2022 ...	2386	2482	2421	2416	2318	2333	2400	2473	2451	2444	2501	2557	2432
2023 ...	2640	2696	2808	2876	2880	3003	3090	3139	3205	3266	3199	3083	2990
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712
2020 ...	3720	3720	3720	3720	3720	3720	3720	3720	3720	3720	3720	3720	3720
2021 ...	3857	3857	3857	3857	3857	3857	3857	3857	3857	3857	3857	3857	3857
2022 ...	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329
2023 ...	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329	4329
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	911	920	911	903	895	881	856	840	834	828	811	787	865
2020 ...	799	794	805	818	827	815	806	803	815	829	844	861	818
2021 ...	865	905	935	970	1010	1076	1116	1124	1153	1234	1323	1435	1096
2022 ...	1685	1738	1815	1904	1899	1832	1710	1750	1739	1780	1805	1754	1784
2023 ...	1698	1604	1531	1477	1426	1346	1281	1282	1273	1319	1334	1343	1410
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	920	905	897	895	896	911	924	858	797	847	855	839	879
2020 ...	859	859	843	843	855	860	860	860	860	848	867	861	856
2021 ...	881	850	881	893	885	922	907	925	946	990	990	990	922
2022 ...	1178	1178	1178	1526	1497	1538	1551	1556	1476	1362	1400	1369	1401
2023 ...	1336	1353	1368	1294	1262	1213	1196	1182	1128	1131	1130	1130	1227

See footnote(s) at end of table.

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Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Fuels												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	1899	1919	1974	2019	2002	1877	1885	1801	1829	1860	1902	1868	1903
2020	1823	1734	1558	1440	1477	1574	1594	1605	1591	1602	1625	1767	1616
2021	1748	1854	2025	1985	2033	2134	2215	2232	2318	2489	2469	2335	2153
2022	2545	2749	3361	3280	3468	3610	3414	3115	3017	3056	3051	2690	3113
2023	2752	2689	2597	2588	2434	2345	2409	2663	2766	2683	2520	2406	2571

Year	Supplies & repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	1347	1347	1348	1349	1350	1350	1358	1356	1356	1358	1358	1358	1353
2020	1363	1366	1365	1375	1375	1373	1378	1377	1378	1383	1383	1384	1375
2021	1393	1399	1406	1421	1443	1476	1495	1503	1509	1522	1555	1559	1473
2022	1578	1595	1603	1637	1641	1643	1658	1662	1664	1673	1669	1667	1641
2023	1677	1688	1692	1701	1706	1701	1707	1708	1707	1704	1707	1704	1700

Year	Autos & trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	3257	3266	3278	3278	3275	3266	3257	3244	3232	3229	3232	3244	3255
2020	3266	3278	3262	3262	3266	3262	3275	3266	3266	3284	3287	3309	3273
2021	3315	3318	3315	3333	3382	3441	3493	3524	3561	3616	3656	3696	3471
2022	3718	3727	3729	3765	3801	3829	3855	3875	3891	3911	3917	3920	3828
2023	3939	3951	3962	3974	3984	3990	3993	3993	3994	3987	3970	3960	3975

Year	Machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	7489	7495	7495	7501	7483	7544	7544	7544	7550	7550	7538	7660	7533
2020	7581	7581	7593	7593	7593	7623	7623	7648	7636	7684	7666	7684	7625
2021	8289	8344	8436	8515	8582	8680	8821	8943	9224	9462	9645	9774	8893
2022	8723	8998	8998	9181	9150	9303	9389	9450	9474	9761	9725	9700	9321
2023	9679	9590	9602	9625	9647	9674	9689	9727	9793	9832	9771	9771	9700

Year	Building materials												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	2742	2751	2746	2756	2753	2746	2760	2749	2746	2744	2744	2744	2748
2020	2758	2765	2781	2765	2765	2777	2793	2830	2879	2872	2858	2881	2810
2021	2944	2995	3068	3151	3263	3347	3354	3351	3363	3405	3465	3533	3270
2022	3655	3725	3797	3814	3847	3839	3847	3862	3845	3830	3815	3800	3806
2023	3823	3824	3841	3842	3833	3830	3843	3847	3853	3844	3846	3853	3840

Year	Services & rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019	2710	2712	2708	2708	2712	2723	2723	2720	2715	2712	2709	2707	2713
2020	2720	2718	2718	2714	2707	2719	2724	2723	2724	2723	2731	2732	2721
2021	2781	2789	2793	2807	2813	2817	2821	2833	2841	2841	2854	2865	2821
2022	2982	2993	3009	3027	3044	3062	3088	3096	3090	3096	3077	3098	3055
2023	3166	3175	3169	3159	3163	3172	3164	3163	3174	3169	3170	3169	3168

See footnote(s) at end of table.

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Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2019-2023 (continued)

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

Year	Interest												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166
2020 ...	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993
2021 ...	3999	3999	3999	3999	3999	3999	3999	3999	3999	3999	3999	3999	3999
2022 ...	4693	4693	4693	4693	4693	4693	4693	4693	4693	4693	4693	4693	4693
2023 ...	5205	5205	5205	5205	5205	5205	5205	5205	5205	5205	5205	5205	5205

Year	Taxes												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145
2020 ...	7526	7526	7526	7526	7526	7526	7526	7526	7526	7526	7526	7526	7526
2021 ...	7861	7861	7861	7861	7861	7861	7861	7861	7861	7861	7861	7861	7861
2022 ...	8197	8197	8197	8197	8197	8197	8197	8197	8197	8197	8197	8197	8197
2023 ...	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8533

Year	Wage rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	9574	9574	9574	9414	9414	9414	9542	9542	9542	9613	9613	9613	9536
2020 ...	9781	9781	9781	9647	9647	9647	9999	9999	9999	10159	10159	10159	9897
2021 ...	10377	10377	10377	10223	10223	10223	10620	10620	10620	10620	10620	10620	10460
2022 ...	11286	11286	11286	11023	11023	11023	11286	11286	11286	11343	11343	11343	11234
2023 ...	11875	11875	11875	11574	11574	11574	11913	11913	11913	12041	12041	12041	11851

Year	Family living												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	2391	2402	2415	2428	2434	2434	2438	2438	2440	2445	2445	2443	2429
2020 ...	2452	2458	2454	2437	2437	2449	2462	2471	2473	2475	2473	2475	2460
2021 ...	2486	2499	2518	2537	2558	2582	2595	2599	2608	2629	2642	2650	2575
2022 ...	2672	2696	2732	2748	2778	2816	2816	2815	2821	2832	2829	2821	2781
2023 ...	2843	2859	2869	2883	2890	2900	2905	2918	2925	2924	2918	2915	2896

Year	Commodities, services, interest, taxes, and wage rates Adjusted for productivity												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	1687	1688	1690	1682	1681	1678	1688	1685	1683	1692	1692	1692	1687
2020 ...	1724	1723	1719	1702	1703	1705	1734	1736	1738	1753	1757	1760	1730
2021 ...	1799	1806	1813	1808	1815	1823	1857	1860	1862	1870	1876	1883	1839
2022 ...	2008	2019	2031	2024	2029	2035	2056	2058	2057	2062	2062	2060	2042
2023 ...	2031	2032	2033	2013	2010	2009	2033	2035	2036	2045	2042	2039	2030

Year	Parity ratio [2]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	30	31	32	32	32	32	32	32	31	30	31	32	31
2020 ...	31	31	32	29	30	31	30	30	31	30	32	31	31
2021 ...	30	31	32	34	34	34	34	34	34	33	33	34	33
2022 ...	33	34	36	37	37	37	37	36	36	35	37	38	36
2023 ...	34	34	35	36	35	35	34	35	33	31	31	31	34

Year	Adjusted parity ratio (PPITW) [3]												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
2019 ...	32	33	34	34	34	34	34	34	33	32	33	34	33
2020 ...	35	35	36	33	34	35	34	34	35	34	36	35	35
2021 ...	32	33	34	36	36	36	36	36	36	35	35	36	35
2022 ...	34	35	37	38	38	38	38	37	37	36	38	39	37
2023 ...	35	35	36	37	36	36	35	36	34	32	32	32	35

[1] Weighted index using 5-year average production expenditures.
[2] Ratio of index of prices received to index of prices paid for commodities, services, interest, taxes, and wage rates.
[3] Ratio of the index of prices received after adjustment for government payments to the index of prices paid for commodities, services, interest, taxes, and wage rates.

Feed Ratios Monthly and Annual Average – United States: 2019-2024

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

Year	Broiler [1]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	5.8	5.1	5.3	5.8	6.1	5.4	4.8	4.3	4.0	4.1	4.1	4.5	4.9
2020	4.9	4.2	4.4	2.4	3.8	4.0	3.7	3.3	2.9	3.0	3.5	3.7	3.7
2021	3.5	3.1	3.0	3.6	3.6	3.7	3.7	3.6	4.2	4.3	4.3	5.1	3.8
2022	5.3	4.5	5.0	5.6	5.7	5.5	5.2	4.3	4.2	4.4	4.4	4.3	4.9
2023	4.1	4.0	4.4	4.9	5.1	4.9	4.1	3.9	4.5	4.6	4.8	5.2	4.6
Year	Market Egg [2]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	9.3	7.9	7.0	4.3	2.4	4.4	2.4	6.5	5.2	4.9	10.8	8.3	6.1
2020	5.6	7.4	18.7	10.1	6.3	5.5	6.0	6.3	6.6	8.5	7.7	4.7	7.8
2021	6.6	6.3	7.5	4.4	3.7	3.6	4.1	5.8	6.2	5.4	7.0	9.3	5.8
2022	9.8	8.5	9.2	13.8	11.4	11.4	16.1	11.2	17.0	19.7	23.6	32.2	15.3
2023	19.6	16.0	17.7	8.2	5.0	6.7	6.6	8.1	7.6	7.8	13.8	14.4	11.0
Year	Turkey [3]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	5.6	5.8	5.9	6.3	6.1	6.1	6.2	6.6	7.0	7.0	7.5	6.9	6.4
2020	6.7	7.0	7.4	7.9	8.3	8.5	8.7	8.7	8.6	8.2	7.3	6.9	7.9
2021	6.5	5.9	5.8	5.7	5.5	5.8	5.8	6.0	7.2	7.3	6.3	6.1	6.2
2022	6.1	5.7	5.5	5.4	5.5	5.9	6.5	6.6	7.4	8.2	8.1	7.7	6.6
2023	7.6	7.2	7.4	7.3	6.8	6.7	6.3	5.8	6.1	5.8	5.2	3.7	6.3
Year	Milk [4]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	2.06	2.07	2.13	2.11	2.12	2.09	2.16	2.26	2.34	2.42	2.65	2.57	2.25
2020	2.42	2.35	2.25	1.85	1.77	2.37	2.70	2.52	2.30	2.51	2.60	2.19	2.32
2021	2.00	1.80	1.76	1.75	1.65	1.56	1.52	1.48	1.66	1.84	1.92	1.96	1.74
2022	2.13	2.04	2.02	1.95	1.91	1.87	1.77	1.69	1.71	1.90	1.92	1.83	1.89
2023	1.73	1.59	1.56	1.48	1.42	1.36	1.38	1.67	1.89	2.03	2.12	2.00	1.69
Year	Hog-Corn [5]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	12.5	12.1	12.9	16.8	17.2	14.9	13.6	14.9	12.6	12.8	13.0	12.7	13.8
2020	12.6	12.0	13.0	12.9	15.9	13.1	12.4	13.8	14.6	15.6	13.7	12.4	13.5
2021	11.8	11.9	13.7	14.2	13.4	13.8	13.1	12.5	12.9	13.0	11.1	10.3	12.7
2022	10.5	11.3	11.4	10.8	10.5	10.7	11.4	11.9	10.4	10.9	10.3	9.5	10.8
2023	8.8	8.8	9.3	8.5	9.0	10.0	11.9	12.9	12.5	12.3	12.3	11.1	10.6
Year	Steer & Heifer-Corn [6]												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2019	34.8	35.0	35.7	36.3	33.6	28.9	27.2	28.5	27.4	28.3	31.3	32.3	31.6
2020	33.0	32.3	31.0	33.7	34.7	34.8	30.5	33.3	30.8	29.9	28.8	28.0	31.7
2021	26.4	24.2	23.7	22.8	20.5	20.5	20.4	19.8	23.2	25.1	25.1	25.8	23.1
2022	24.9	23.2	21.6	20.1	19.8	19.2	19.9	19.9	20.5	22.8	23.7	24.0	21.6
2023	24.1	23.8	25.0	26.1	27.1	28.4	29.6	32.5	35.3	37.7	39.5	36.7	30.5

[1] The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 58 percent corn and 42 percent soybeans.
[2] The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 75 percent corn and 25 percent soybeans.
[3] The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed ration uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.
[4] The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed ration uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.
[5] Number of bushels of corn equal in value to 100 pounds of all hogs, live weight.
[6] Number of bushels of corn equal in value to 100 pounds of steers & heifers, live weight.

Reliability of Prices Paid Estimates

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

Survey procedures: The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for all items is the full preceding calendar year. 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 Changes: See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

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Price Program Links

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

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