



# Agricultural Prices

ISSN: 1937-4216

Released October 31, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## September Prices Received Index Down 0.2 Percent

The September Prices Received Index 2011 Base (Agricultural Production), at 131.2, decreased 0.2 percent from August but increased 21 percent from September 2021. At 127.0, the Crop Production Index was down 1.3 percent from last month but up 17 percent from the previous year. The Livestock Production Index, at 136.4, increased 1.3 percent from August, and 26 percent from September last year. Producers received lower prices during September for hogs, broilers, soybeans, and strawberries, but higher prices for market eggs, lettuce, cattle, and broccoli. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In September, there was decreased marketing of cattle, wheat, upland cotton, and peaches and increased monthly movement for soybeans, corn, apples, and dry beans.

## September Prices Paid Index Down 0.1 Percent

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 136.3, is down 0.1 percent from August 2022 but up 13 percent from September 2021. Lower prices in September for feeder pigs, other services, LP gas, and gasoline more than offset higher prices for complete feeds, supplements, and concentrates.

## Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: September 2022 with Comparisons

Index Group	September 2021	August 2022	September 2022
	(percent)	(percent)	(percent)
Prices received by farmers .....	108.6	131.5	131.2
Prices paid by farmers .....	121.2	136.4	136.3
Ratio of prices received to prices paid .....	90	97	96

## Contents

Prices Received by Farmers .....	4
Prices Received Indexes, 2011 Base – United States: September 2022 with Comparisons .....	5
Prices Received Indexes, 1910-1914 Base – United States: September 2022 with Comparisons .....	5
Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022 .....	5
Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022 .....	6
Prices Received for Field Crops and Fruits – United States: September 2022 with Comparisons .....	7
Prices Received for Vegetables and Livestock – United States: September 2022 with Comparisons .....	8
Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2022 with Comparisons .....	9
Prices Received for Beef Cattle and All Hogs by Month – United States: 2022 with Comparisons .....	9
Prices Received for All Wheat – States and United States: September 2022 with Comparisons .....	10
Prices Received for Winter Wheat – States and United States: September 2022 with Comparisons .....	10
Prices Received for Durum Wheat – States and United States: September 2022 with Comparisons .....	11
Prices Received for Spring Wheat – States and United States: September 2022 with Comparisons .....	11
Prices Received for Oats – States and United States: September 2022 with Comparisons .....	11
Prices Received for All Barley – States and United States: September 2022 with Comparisons .....	12
Prices Received for Malting Barley – States and United States: September 2022 with Comparisons .....	12
Prices Received for Feed Barley – States and United States: September 2022 with Comparisons .....	12
Prices Received for Corn – States and United States: September 2022 with Comparisons .....	13
Prices Received for Sorghum Grain – States and United States: September 2022 with Comparisons .....	13
Prices Received for Soybeans – States and United States: September 2022 with Comparisons .....	14
Prices Received for Dry Beans – States and United States: September 2022 with Comparisons .....	14
Prices Received for Canola – States and United States: September 2022 with Comparisons .....	15
Prices Received for Flaxseed – States and United States: September 2022 with Comparisons .....	15
Prices Received for Peanuts (in shell) – States and United States: September 2022 with Comparisons .....	15
Prices Received for Sunflower – States and United States: September 2022 with Comparisons .....	15
Prices Received for Upland Cotton and Cottonseed – States and United States: September 2022 with Comparisons .....	16
Prices Received and Marketings for Upland Cotton and Rice – United States: September 2022 with Comparisons .....	16
Prices Received for Hay by Type – States and United States: September 2022 with Comparisons .....	17
Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: September 2022 .....	17
Prices Received for Citrus Fruits by Utilization – States and United States: September 2021 .....	18
Prices Received for Citrus Fruits by Utilization – States and United States: August 2022 .....	18
Prices Received for Citrus Fruits by Utilization – States and United States: September 2022 .....	18
Prices Received for All Milk – States and United States: September 2022 with Comparisons .....	19
Prices Received for Milk Cows – States and United States: October 2022 with Comparisons .....	19
Parity Price Overview .....	20
Commodity Parity Prices and Price as Percent of Parity Price – United States: September 2022 with Comparisons .....	21
Commodity Parity Prices – United States: September 2022 with Comparisons .....	22
Commodity Parity Prices – United States: September 2022 with Comparisons (continued) .....	23
Marketing Year for Specified Commodities .....	24
All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022 .....	24
Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022 .....	24
Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022 .....	25
Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2020-2021 through 2021-2022 .....	25
Reliability of Prices Received Estimates .....	26
Prices Paid by Farmers .....	27

Prices Paid Indexes and Related Parity Ratios – United States: September 2022 with Comparisons ..... 28

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States:  
 September 2022 with Comparisons ..... 29

Feed Price Ratios – United States: September 2022 with Comparisons..... 30

Prices Received Used to Calculate Feed Price Ratios – United States: September 2022 with Comparisons ..... 30

Prices Paid for Feeder Livestock – United States: September 2022 with Comparisons..... 30

Reliability of Prices Paid Estimates ..... 31

Information Contacts ..... 32

## September Prices Received by Farmers

**Crop production:** The September index, at 127.0, is 1.3 percent lower than August but 17 percent higher than September 2021. The grain & oilseed and fruit & tree nut index decreases more than offset the vegetable & melon and other crop index increases.

**Grain and oilseed:** The September index, at 116.6, is down 3.8 percent from August but up 21 percent from September 2021. Oilseed and feed grain index decreases more than offset the higher food grain index.

**Feed grain:** The September index, at 118.3, decreased 2.3 percent from last month but increased 30 percent from a year ago. The corn price, at \$7.09 per bushel, is down 15 cents from last month but up \$1.62 from September 2021.

**Food grain:** At 120.6, the index for September increased 1.3 percent from the previous month and 15 percent from a year ago. The September price for all wheat, at \$8.85 per bushel, is 30 cents higher than August and \$1.10 higher than September 2021. The September price for rice, at \$17.60 per cwt, is \$2.20 lower than August but \$3.40 higher than September 2021.

**Oilseed:** At 112.9, the index for September decreased 8.1 percent from August but increased 15 percent from September 2021. The soybean price, at \$14.10 per bushel, is \$1.20 lower than August but \$1.90 higher than September a year earlier.

**Fruit and tree nut:** The September index, at 154.0, is down 0.3 percent from August but up 16 percent from a year earlier. Lower prices in September for strawberries and pears more than offset higher prices for peaches, apples, oranges, and lemons.

**Vegetable and melon:** At 159.9, the index for September is up 13 percent from the previous month and 30 percent from September 2021. Price increases during September for lettuce, broccoli, cauliflower, and cantaloupes more than offset price declines for potatoes, sweet corn, onions, and cucumbers.

**Other crop:** The September index, at 128.4, is up 2.3 percent from the previous month and 17 percent from September 2021. At 85.9 cents per pound, the price for upland cotton is 7.1 cents lower than August but 9.5 cents higher than September 2021. The all hay price, at \$242.00 per ton, is \$4.00 lower than August but \$49.00 higher than September 2021.

**Livestock production:** The index for September, at 136.4, increased 1.3 percent from the previous month and 26 percent from September 2021. Poultry & egg and dairy index increases more than offset the decline in the meat animal index.

**Meat animal:** At 122.0, the September index decreased 2.2 percent from the previous month but increased 13 percent from a year earlier. At \$73.80 per cwt, the September hog price is \$12.00 lower than August but \$3.00 higher than a year earlier. The September beef cattle price of \$143.00 per cwt is \$2.00 higher than the previous month and \$19.00 higher than September 2021.

**Dairy:** The index for September, at 121.4, is up 0.4 percent from the previous month and 33.4 percent from September a year ago. The September all milk price of \$24.40 per cwt is 10 cents higher than August and \$6.10 higher than September 2021.

**Poultry and egg:** At 186.8, the September index increased 7.5 percent from August and 49 percent from September 2021. The September market egg price, at \$2.62 per dozen, is 82.0 cents higher than August and \$1.85 higher than September 2021. At \$1.18 per pound, the September turkey price is 8.0 cents higher than the previous month and 21.9 cents higher than September 2021. The September broiler price, at 71.8 cents per pound, is 4.7 cents lower than August but 12.3 cents higher than a year ago.

**Food Commodities:** The index, at 135.4, is unchanged from the previous month but increased 22 percent from September 2021.

## Prices Received Indexes, 2011 Base – United States: September 2022 with Comparisons

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

Index Group	2011 Base		
	September 2021	August 2022	September 2022
	(percent)	(percent)	(percent)
Agricultural production .....	108.6	131.5	131.2
Crop production .....	108.5	128.7	127.0
Grain and oilseed .....	96.1	121.2	116.6
Feed grain .....	91.3	121.1	118.3
Food grain .....	105.0	119.0	120.6
Oilseed .....	98.4	122.9	112.9
Fruit and tree nut .....	132.4	154.5	154.0
Vegetable and melon .....	123.0	141.7	159.9
Other crop .....	110.2	125.5	128.4
Livestock production .....	108.6	134.7	136.4
Meat animal .....	108.3	124.7	122.0
Cattle .....	108.9	123.6	125.4
Hog .....	106.5	129.0	111.0
Dairy .....	91.0	120.9	121.4
Poultry and egg .....	125.8	173.8	186.8
Food commodity .....	111.2	135.4	135.4

## Prices Received Indexes, 1910-1914 Base – United States: September 2022 with Comparisons

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

Index Group	1910 - 1914 Base		
	September 2021	August 2022	September 2022
	(percent)	(percent)	(percent)
Agricultural production .....	1121	1357	1354
Crop production .....	946	1122	1107
Livestock production .....	1262	1564	1583

## Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov). Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	89.5	111.8	88.3	104.8	91.2	124.3	94.0	119.0
February .....	94.8	120.0	97.2	114.5	92.6	126.1	96.8	125.6
March .....	97.6	127.5	98.4	120.8	96.8	134.5	100.0	133.6
April .....	104.3	133.9	105.0	122.7	103.6	145.2	106.9	139.7
May .....	106.3	134.8	106.0	123.4	106.6	146.0	107.7	140.6
June .....	107.3	135.0	107.4	125.9	107.2	145.0	108.7	140.4
July .....	106.9	133.9	106.7	124.7	107.1	145.8	107.9	139.0
August .....	109.5	131.5	110.4	128.7	108.7	134.7	110.6	135.4
September .....	108.6	131.2	108.5	127.0	108.6	136.4	111.2	135.4
October .....	106.8		106.2		107.8		111.6	
November .....	108.6		107.3		110.2		114.5	
December .....	112.7		106.4		120.1		118.3	

## Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov). Blank data cells indicate estimation period has not yet begun]

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	113.4	128.6	109.0	126.4	113.7	128.8	113.0	128.4
February .....	114.7	130.7	110.7	129.1	114.3	130.2	115.0	131.2
March .....	116.0	132.6	112.3	131.4	115.4	131.9	116.5	133.3
April .....	116.9	135.0	113.6	135.0	116.0	134.9	117.9	135.1
May .....	117.9	135.0	114.7	134.7	116.9	135.3	118.9	134.7
June .....	119.2	135.6	116.3	135.1	118.3	135.8	120.0	135.3
July .....	120.4	135.8	117.3	135.4	119.6	135.2	121.1	136.4
August .....	120.9	136.4	117.9	136.2	120.1	135.2	121.7	137.5
September .....	121.2	136.3	118.4	136.0	121.0	135.0	121.5	137.5
October .....	122.6		120.0		122.7		122.5	
November .....	123.7		121.4		124.0		123.4	
December .....	125.1		123.3		125.0		125.1	

**Prices Received for Field Crops and Fruits – United States: September 2022 with Comparisons**

Commodity	2011 Base Price	September 2021	August 2022	September 2022	
<b>Field crops</b>					
Barley, all .....	dollars/bushel	4.79	5.11	7.44	7.43
Feed .....	dollars/bushel	4.59	4.98	5.98	5.65
Malting .....	dollars/bushel	4.83	5.16	7.54	7.65
Beans, dry edible .....	dollars/cwt	34.60	37.80	45.70	41.10
Canola .....	dollars/cwt	23.10	28.70	40.00	28.10
Chickpeas, all .....	dollars/cwt	35.70	29.20	40.40	33.40
Large .....	dollars/cwt	39.20	30.80	37.10	32.80
Small .....	dollars/cwt	23.40	23.90	44.20	38.60
Corn .....	dollars/bushel	6.02	5.47	7.24	7.09
Cotton, Upland .....	dollars/pound	0.880	0.764	0.930	0.859
Cottonseed .....	dollars/ton	131.00	235.00	343.00	361.00
Flaxseed .....	dollars/bushel	14.20	19.80	20.80	18.90
Hay, all, baled .....	dollars/ton	159.00	193.00	246.00	242.00
Alfalfa .....	dollars/ton	176.00	214.00	275.00	277.00
Other .....	dollars/ton	119.00	155.00	183.00	174.00
Lentils .....	dollars/cwt	27.50	31.00	30.10	29.90
Oats .....	dollars/bushel	3.42	3.73	4.64	4.43
Peanuts, in-shell .....	dollars/pound	0.252	0.222	0.250	0.257
Peas, dry edible .....	dollars/cwt	13.60	15.00	17.90	15.50
Rice, all .....	dollars/cwt	13.70	14.20	19.80	17.60
Long .....	dollars/cwt	12.30	13.00	15.80	16.20
Medium and short .....	dollars/cwt	18.40	21.60	27.40	23.20
Sorghum grain .....	dollars/cwt	10.70	9.70	11.60	12.10
Soybeans .....	dollars/bushel	12.50	12.20	15.30	14.10
Sunflowers, all .....	dollars/cwt	29.00	30.70	37.80	32.90
Wheat, all .....	dollars/bushel	7.44	7.75	8.55	8.85
Winter .....	dollars/bushel	6.93	7.18	8.43	8.73
Durum .....	dollars/bushel	9.22	13.80	10.80	9.92
Other spring .....	dollars/bushel	8.33	7.93	8.71	8.93
Hard red winter .....	dollars/bushel	7.07	6.66	8.56	8.74
Soft red winter .....	dollars/bushel	6.77	6.37	7.74	8.09
Hard red spring .....	dollars/bushel	8.38	7.94	8.77	8.81
White .....	dollars/bushel	6.58	8.27	8.47	8.81
<b>Fruits</b>					
<b>Citrus, equivalent on-tree</b>					
Grapefruit .....	dollars/box	7.47	26.59	11.78	13.24
Lemons .....	dollars/box	12.30	24.90	15.90	20.62
Oranges .....	dollars/box	8.16	12.49	22.97	31.31
<b>Non-citrus, fresh <sup>1</sup></b>					
Apples .....	dollars/pound	0.325	0.814	0.715	0.784
Grapes .....	dollars/ton	598.00	2,060.00	2,240.00	2,280.00
Peaches .....	dollars/ton	507.00	1,310.00	1,820.00	2,050.00
Pears .....	dollars/ton	559.00	1,340.00	1,830.00	1,700.00
Strawberries .....	dollars/cwt	104.00	142.00	204.00	149.00

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

## Prices Received for Vegetables and Livestock – United States: September 2022 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	September 2021	August 2022	September 2022
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....	dollars/cwt	37.50	(S)	(S)
Beans, snap .....	dollars/cwt	69.00	65.10	55.30
Broccoli .....	dollars/cwt	41.60	99.70	51.40
Cantaloupes .....	dollars/cwt	16.50	22.90	24.60
Carrots .....	dollars/cwt	30.80	45.10	38.70
Cauliflower .....	dollars/cwt	47.00	51.30	39.90
Celery .....	dollars/cwt	22.50	35.20	40.60
Corn, sweet .....	dollars/cwt	30.70	24.30	48.60
Cucumbers .....	dollars/cwt	18.70	24.50	27.00
Lettuce .....	dollars/cwt	24.30	31.90	37.90
Onions <sup>2</sup> .....	dollars/cwt	11.90	29.30	43.40
Potatoes .....	dollars/cwt	14.30	14.00	28.20
Tomatoes .....	dollars/cwt	51.20	55.40	55.40
<b>Livestock</b>				
Calves .....	dollars/cwt	142.00	173.00	197.00
Cattle, all beef .....	dollars/cwt	115.00	124.00	141.00
Cows <sup>3</sup> .....	dollars/cwt	71.60	72.90	90.10
Steers and heifers .....	dollars/cwt	117.00	127.00	144.00
Milk cows <sup>4</sup> .....	dollars/head	1,420.00	(NA)	(NA)
Hogs, all .....	dollars/cwt	66.50	70.80	85.80
Barrows and gilts .....	dollars/cwt	66.80	70.40	86.00
Sows .....	dollars/cwt	57.90	79.50	82.90
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....	dollars/cwt	20.10	18.30	24.30
Fat test .....	percent	4.02	3.95	3.93
Broilers, live <sup>6</sup> .....	dollars/pound	0.459	0.595	0.765
Eggs, all .....	dollars/dozen	0.969	1.03	1.94
Market <sup>7</sup> .....	dollars/dozen	0.796	0.773	1.80
Turkeys, live <sup>8</sup> .....	dollars/pound	0.680	0.961	1.10
<b>Adjusted for seasonal variation</b>				
Eggs, all .....	dollars/dozen	2.76	1.08	1.93
Seasonal factor .....	percent	96	95	100
Milk, all .....	dollars/cwt	24.10	18.00	24.70
Seasonal factor .....	percent	101	102	99

(NA) Not available.

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

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

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

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

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

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

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

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

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

## Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2022 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January .....	4.88	5.48	8.48	3.79	4.24	5.58	8.84	10.90	12.90
February .....	4.88	5.83	9.16	3.78	4.75	6.09	8.60	12.70	14.70
March .....	4.86	5.86	9.93	3.68	4.89	6.56	8.47	13.20	15.40
April .....	4.85	6.04	10.20	3.29	5.31	7.07	8.35	13.90	15.80
May .....	4.76	6.46	10.90	3.20	5.91	7.26	8.28	14.80	16.10
June .....	4.57	6.23	9.55	3.16	6.00	7.38	8.34	14.50	16.40
July .....	4.54	6.26	8.69	3.21	6.12	7.25	8.50	14.10	15.50
August .....	4.54	7.14	8.55	3.12	6.32	7.24	8.66	13.70	15.30
September .....	4.73	7.75	8.85	3.41	5.47	7.09	9.24	12.20	14.10
October .....	4.98	7.92		3.61	5.02		9.63	11.90	
November .....	5.24	8.52		3.79	5.26		10.30	12.10	
December .....	5.46	8.59		3.97	5.47		10.60	12.50	

## Prices Received for Beef Cattle and All Hogs by Month – United States: 2022 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle <sup>1</sup>			All hogs <sup>2</sup>		
	2020	2021	2022	2020	2021	2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January .....	125.00	112.00	139.00	47.80	50.20	58.80
February .....	122.00	115.00	141.00	45.50	56.40	68.60
March .....	114.00	116.00	142.00	47.70	67.20	75.10
April .....	111.00	121.00	142.00	42.30	75.60	76.20
May .....	111.00	121.00	144.00	51.00	79.30	75.90
June .....	110.00	123.00	142.00	41.30	82.70	78.70
July .....	98.00	125.00	144.00	39.90	80.00	83.00
August .....	104.00	125.00	144.00	42.90	79.00	85.80
September .....	105.00	127.00	145.00	49.70	70.80	73.80
October .....	108.00	126.00		56.30	65.50	
November .....	109.00	132.00		51.90	58.60	
December .....	111.00	141.00		49.10	56.50	

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

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

**Prices Received for All Wheat – States and United States: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(S)	(D)
Arkansas .....	(S)	7.47	(D)
California .....	(D)	(D)	(D)
Colorado .....	6.61	8.41	8.65
Idaho .....	6.69	7.81	8.33
Illinois .....	6.36	7.82	8.14
Indiana .....	6.51	7.71	8.13
Kansas .....	6.73	8.39	8.94
Michigan .....	6.26	7.68	8.12
Minnesota .....	8.24	8.58	9.01
Missouri .....	6.33	8.06	8.15
Montana .....	7.73	8.66	8.55
Nebraska .....	6.84	8.44	8.77
North Carolina .....	7.23	7.83	8.28
North Dakota .....	8.96	9.03	9.11
Ohio .....	6.31	7.61	8.07
Oklahoma .....	6.69	8.15	8.82
Oregon .....	9.17	9.33	9.78
South Dakota .....	7.85	8.79	9.18
Texas .....	5.38	8.62	(D)
Washington .....	9.01	9.14	8.94
United States .....	7.75	8.55	8.85

(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: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	7.47	(D)
California .....	(D)	(D)	(D)
Colorado .....	6.61	8.41	8.65
Idaho .....	6.65	7.78	8.32
Illinois .....	6.36	7.82	8.14
Indiana .....	6.51	7.71	8.13
Kansas .....	6.73	8.39	8.94
Michigan .....	6.26	7.68	8.12
Missouri .....	6.33	8.06	8.15
Montana .....	6.82	8.66	8.49
Nebraska .....	6.84	8.44	8.77
North Carolina .....	7.23	7.83	8.28
North Dakota .....	7.62	8.24	8.46
Ohio .....	6.31	7.61	8.07
Oklahoma .....	6.69	8.15	8.82
Oregon .....	9.17	9.33	9.78
South Dakota .....	7.35	8.64	9.24
Texas .....	5.38	8.62	(D)
Washington .....	9.00	9.16	8.94
United States .....	7.18	8.43	8.73

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

**Prices Received for Durum Wheat – States and United States: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(S)	(D)
California .....	(D)	(D)	(S)
Idaho .....	(S)	(S)	(D)
Montana .....	(D)	(S)	(D)
North Dakota .....	14.30	10.80	9.88
United States .....	13.80	10.80	9.92

(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: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho .....	6.74	(D)	8.34
Minnesota .....	8.24	8.58	9.01
Montana .....	7.54	8.66	8.50
North Dakota .....	8.08	8.87	9.05
South Dakota .....	8.38	8.97	9.13
Washington .....	9.14	8.74	8.94
United States .....	7.93	8.71	8.93

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

**Prices Received for Oats – States and United States: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(D)	4.78	(D)
Iowa .....	4.18	5.32	5.26
Michigan .....	3.27	4.64	4.46
Minnesota .....	3.76	4.75	4.32
Montana .....	(D)	(D)	(S)
Nebraska .....	4.66	6.31	(D)
New York .....	(D)	(S)	(D)
North Dakota .....	3.79	4.64	4.52
Oregon .....	(D)	(S)	(S)
Pennsylvania .....	(D)	(D)	(D)
South Dakota .....	4.56	4.18	4.35
Texas .....	(S)	(D)	(S)
Wisconsin .....	3.18	4.69	4.53
United States .....	3.73	4.64	4.43

(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: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(D)
Colorado .....	4.72	6.46	6.90
Idaho .....	5.24	7.59	7.54
Minnesota .....	5.25	(D)	(D)
Montana .....	5.38	7.22	7.35
North Dakota .....	5.15	7.23	7.52
Washington .....	4.56	(D)	6.74
Wyoming .....	(D)	(D)	(D)
United States .....	5.11	7.44	7.43

(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: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(S)
Colorado .....	4.72	6.41	(D)
Idaho .....	5.40	7.68	7.61
Minnesota .....	5.25	(D)	(D)
Montana .....	5.08	7.22	7.59
North Dakota .....	5.34	7.44	8.38
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	(D)	(D)
United States .....	5.16	7.54	7.65

(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: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(D)
Colorado .....	(D)	(D)	(D)
Idaho .....	4.60	(D)	6.13
Minnesota .....	(S)	(S)	(S)
Montana .....	5.66	(D)	5.62
North Dakota .....	4.85	6.02	5.31
Washington .....	(D)	5.30	5.82
Wyoming .....	(D)	(S)	(D)
United States .....	4.98	5.98	5.65

(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: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	5.80	8.14	8.12
Illinois .....	5.16	7.15	6.70
Indiana .....	5.32	7.30	7.05
Iowa .....	5.63	7.40	7.42
Kansas .....	5.15	7.35	7.02
Kentucky .....	5.01	7.14	6.50
Michigan .....	5.48	6.75	6.67
Minnesota .....	5.65	7.09	7.13
Missouri .....	5.23	7.38	6.93
Nebraska .....	5.77	7.37	7.15
North Carolina .....	5.79	7.40	7.15
North Dakota .....	5.92	6.93	6.81
Ohio .....	5.74	6.85	6.58
Pennsylvania .....	6.25	7.35	7.31
South Dakota .....	5.58	7.13	7.04
Tennessee .....	5.02	7.25	6.61
Texas .....	5.69	7.18	7.72
Wisconsin .....	5.82	6.95	7.12
United States .....	5.47	7.24	7.09

### Prices Received for Sorghum Grain – States and United States: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	9.57	12.00	12.60
Nebraska .....	9.60	11.80	10.20
Oklahoma .....	9.51	11.90	9.02
Texas .....	9.82	11.50	12.50
United States .....	9.70	11.60	12.10

**Prices Received for Soybeans – States and United States: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	15.40	13.90
Illinois .....	12.20	15.60	14.50
Indiana .....	12.40	15.40	14.50
Iowa .....	12.30	15.30	14.20
Kansas .....	12.20	15.00	14.20
Kentucky .....	11.80	15.00	14.50
Louisiana .....	12.50	13.70	13.10
Michigan .....	12.90	16.80	15.60
Minnesota .....	12.10	14.40	13.90
Mississippi .....	12.10	15.00	(D)
Missouri .....	12.70	15.60	14.40
Nebraska .....	12.00	15.20	13.90
North Carolina .....	12.80	15.70	14.20
North Dakota .....	11.80	14.20	13.80
Ohio .....	12.20	15.30	14.70
South Dakota .....	12.30	14.90	13.90
Tennessee .....	12.30	15.00	14.00
Wisconsin .....	11.90	15.70	14.10
United States .....	12.20	15.30	14.10

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

**Prices Received for Dry Beans – States and United States: September 2022 with Comparisons**

State	September 2021	August 2022	September 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(S)	(D)	(S)
Colorado .....	46.30	(S)	45.40
Idaho .....	(D)	(D)	(D)
Michigan .....	42.30	(D)	(D)
Minnesota .....	36.90	44.30	40.50
Nebraska .....	(D)	(D)	(D)
North Dakota .....	36.70	45.30	39.40
United States .....	37.80	45.70	41.10

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

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

### Prices Received for Canola – States and United States: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(S)	(D)
Montana .....	(D)	(S)	27.40
North Dakota .....	29.60	40.00	28.00
Oklahoma .....	(S)	(D)	(S)
United States .....	28.70	40.00	28.10

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

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

### Prices Received for Flaxseed – States and United States: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	19.80	20.80	18.90
United States .....	19.80	20.80	18.90

### Prices Received for Peanuts (in shell) – States and United States: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.223	0.249	0.255
Arkansas .....	0.239	(S)	0.248
Florida .....	0.238	0.254	0.246
Georgia .....	0.213	0.247	0.250
Mississippi .....	(S)	0.249	0.259
New Mexico .....	(S)	0.226	(S)
North Carolina .....	0.218	0.263	0.264
Oklahoma .....	0.271	0.290	0.291
South Carolina .....	0.221	0.256	0.259
Texas .....	0.256	0.287	0.309
Virginia .....	0.268	0.261	0.275
United States .....	0.222	0.250	0.257

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

### Prices Received for Sunflower – States and United States: September 2022 with Comparisons

State	September 2021	August 2022	September 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	(D)	(D)	31.40
Minnesota .....	(D)	(D)	(D)
North Dakota .....	30.90	36.60	32.60
South Dakota .....	30.70	41.40	33.30
United States .....	30.70	37.80	32.90

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

## Prices Received for Upland Cotton and Cottonseed – States and United States: September 2022 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	September 2021	August 2022	September 2022	September 2021	August 2022	September 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(S)	(S)	(S)	(S)	(S)	205.00
Arizona .....	(D)	(D)	(D)	(S)	(S)	(S)
Arkansas .....	(S)	(S)	(D)	(S)	(S)	336.00
California .....	(S)	(S)	(S)	(S)	(S)	(S)
Georgia .....	(S)	(S)	(S)	160.00	(S)	271.00
Louisiana .....	(S)	(S)	(S)	240.00	(S)	322.00
Mississippi .....	(S)	(S)	(S)	(S)	(S)	(S)
North Carolina .....	(S)	(S)	(S)	(S)	(S)	(S)
Tennessee .....	(D)	(S)	(D)	(S)	(S)	(S)
Texas .....	0.783	(D)	0.853	235.00	343.00	370.00
United States .....	0.764	0.930	0.859	235.00	343.00	361.00

(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: September 2022 with Comparisons

Item	September 2021	August 2022	September 2022
Cotton, Upland			
Average price ..... dollars/pound	0.764	0.930	0.859
Marketings <sup>1</sup> ..... 1,000 bales	272	209	210
Rice, all			
Average price ..... dollars/cwt	14.20	19.80	17.60
Marketings <sup>2</sup> ..... 1,000 cwt	10,527	5,299	9,463
Rice, long			
Average price ..... dollars/cwt	13.00	15.80	16.20
Marketings <sup>2</sup> ..... 1,000 cwt	9,045	3,470	7,479
Rice, medium and short			
California			
Average price ..... dollars/cwt	22.60	29.30	29.00
Other States <sup>3</sup>			
Average price ..... dollars/cwt	13.10	17.00	17.20
United States			
Average price ..... dollars/cwt	21.60	27.40	23.20
Marketings <sup>2</sup> ..... 1,000 cwt	1,482	1,829	1,984

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

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

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

**Prices Received for Hay by Type – States and United States: September 2022 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	September 2021	August 2022	September 2022	September 2021	August 2022	September 2022	September 2021	August 2022	September 2022
	(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 .....	204.00	329.00	329.00	205.00	330.00	330.00	190.00	245.00	245.00
California .....	233.00	332.00	335.00	245.00	350.00	350.00	205.00	280.00	280.00
Colorado .....	233.00	231.00	241.00	230.00	230.00	240.00	240.00	240.00	245.00
Idaho .....	207.00	277.00	275.00	210.00	280.00	280.00	180.00	250.00	240.00
Illinois .....	170.00	158.00	163.00	180.00	175.00	180.00	135.00	125.00	125.00
Iowa .....	150.00	147.00	170.00	157.00	151.00	181.00	120.00	130.00	134.00
Kansas .....	152.00	213.00	199.00	174.00	229.00	241.00	107.00	141.00	135.00
Kentucky .....	161.00	179.00	179.00	220.00	223.00	224.00	150.00	159.00	164.00
Michigan .....	173.00	166.00	166.00	195.00	185.00	190.00	140.00	125.00	120.00
Minnesota .....	165.00	158.00	149.00	185.00	180.00	170.00	117.00	136.00	117.00
Missouri .....	106.00	127.00	137.00	160.00	170.00	170.00	100.00	120.00	130.00
Montana .....	223.00	247.00	243.00	225.00	250.00	245.00	215.00	230.00	230.00
Nebraska .....	137.00	168.00	172.00	151.00	190.00	198.00	104.00	113.00	118.00
Nevada .....	239.00	315.00	310.00	240.00	315.00	310.00	210.00	310.00	310.00
New Mexico .....	227.00	290.00	285.00	230.00	300.00	295.00	210.00	240.00	235.00
New York .....	142.00	163.00	177.00	200.00	225.00	235.00	124.00	150.00	160.00
North Dakota .....	152.00	134.00	128.00	170.00	150.00	140.00	117.00	90.00	85.00
Ohio .....	159.00	163.00	162.00	205.00	180.00	175.00	140.00	145.00	150.00
Oklahoma .....	113.00	136.00	129.00	180.00	237.00	248.00	108.00	122.00	117.00
Oregon .....	235.00	300.00	321.00	240.00	310.00	330.00	220.00	285.00	290.00
Pennsylvania .....	155.00	169.00	179.00	210.00	230.00	235.00	141.00	150.00	162.00
South Dakota .....	149.00	174.00	173.00	161.00	187.00	199.00	116.00	117.00	117.00
Texas .....	154.00	201.00	196.00	201.00	271.00	271.00	146.00	175.00	175.00
Utah .....	233.00	305.00	305.00	235.00	305.00	305.00	185.00	255.00	255.00
Washington .....	226.00	333.00	325.00	220.00	335.00	335.00	250.00	330.00	300.00
Wisconsin .....	149.00	128.00	144.00	160.00	141.00	161.00	110.00	94.00	96.00
Wyoming .....	198.00	223.00	229.00	200.00	225.00	230.00	190.00	215.00	225.00
United States .....	193.00	246.00	242.00	214.00	275.00	277.00	155.00	183.00	174.00

**Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: September 2022**

State	September 2021	August 2022	September 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California .....	265.00	390.00	380.00
Idaho .....	240.00	320.00	320.00
Michigan .....	215.00	210.00	215.00
Minnesota .....	226.00	197.00	216.00
New York .....	284.00	310.00	300.00
Pennsylvania .....	264.00	320.00	315.00
Texas .....	243.00	329.00	329.00
Wisconsin .....	226.00	168.00	200.00
5-State Total <sup>1 2</sup> .....	250.00	343.00	342.00

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

<sup>2</sup> For September 2021, includes California, Idaho, New York, Texas, and Wisconsin. For August 2022, includes California, Idaho, New York, Texas, and Wisconsin. For September 2022, includes California, Idaho, New York, Texas, and Wisconsin.

**Prices Received for Citrus Fruits by Utilization – States and United States: September 2021**

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 .....	(D)	29.30	(D)	(D)	26.59	(D)	(D)
Lemons .....	51.00	31.47	40.36	(D)	24.90	33.44	(D)
Oranges .....	32.80	15.51	22.27	(D)	12.49	19.33	(D)

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

**Prices Received for Citrus Fruits by Utilization – States and United States: August 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 .....	(D)	15.05	(D)	(D)	11.78	(D)	(D)
Lemons .....	40.30	22.47	29.66	(D)	15.90	22.74	(D)
Oranges .....	42.30	25.96	31.77	(D)	22.97	28.83	(D)

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

**Prices Received for Citrus Fruits by Utilization – States and United States: September 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 .....	(D)	16.50	(D)	(D)	13.24	(D)	(D)
Lemons .....	41.60	27.36	30.96	(D)	20.62	24.04	(D)
Oranges .....	44.50	31.44	44.33	(D)	31.31	44.29	(D)

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

## Prices Received for All Milk – States and United States: September 2022 with Comparisons

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

State	September 2021		August 2022		September 2022	
	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)
Arizona .....	17.90	3.76	24.30	3.73	24.60	3.76
California .....	18.00	3.89	25.20	3.93	25.10	4.00
Colorado .....	18.60	3.79	24.40	3.68	24.50	3.80
Florida .....	21.70	3.69	30.50	3.68	29.40	3.70
Georgia .....	20.60	3.66	29.70	3.70	29.30	3.81
Idaho .....	18.60	4.08	23.80	3.96	24.80	4.09
Illinois .....	18.00	3.93	23.90	3.90	24.30	3.99
Indiana .....	18.00	3.85	24.80	3.85	25.20	3.94
Iowa .....	18.20	4.09	21.80	4.07	22.20	4.16
Kansas .....	16.90	4.01	23.60	3.97	23.10	4.04
Michigan .....	17.10	3.83	23.90	3.83	23.40	3.90
Minnesota .....	18.60	4.13	22.20	4.14	23.40	4.30
New Mexico .....	16.10	3.72	22.60	3.73	22.20	3.82
New York .....	18.90	3.92	25.90	3.86	26.00	3.95
Ohio .....	18.20	3.85	24.50	3.86	24.90	3.96
Oregon .....	20.80	4.11	25.40	4.08	26.40	4.21
Pennsylvania .....	19.00	3.90	26.20	3.83	26.10	3.97
South Dakota .....	19.40	4.33	23.30	4.33	23.70	4.42
Texas .....	18.30	4.11	24.40	4.10	24.10	4.19
Utah .....	18.10	3.91	24.70	3.80	24.80	3.92
Vermont .....	19.40	3.97	26.30	3.93	26.40	3.99
Virginia .....	20.20	3.76	28.80	3.82	28.60	3.89
Washington .....	18.70	4.11	25.70	4.00	25.80	4.11
Wisconsin .....	18.40	3.95	22.10	3.93	22.10	3.98
United States .....	18.30	3.95	24.30	3.93	24.40	4.02

## Prices Received for Milk Cows – States and United States: October 2022 with Comparisons

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

State	October 2021	July 2022	October 2022
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,500	1,900	1,700
California .....	1,300	1,750	1,850
Colorado .....	1,400	1,700	1,700
Florida .....	1,430	1,690	1,600
Georgia .....	1,290	1,500	1,700
Idaho .....	1,300	1,550	1,600
Illinois .....	1,320	1,680	1,650
Indiana .....	1,320	1,800	1,790
Iowa .....	1,310	1,750	1,750
Kansas .....	1,380	1,700	1,600
Michigan .....	1,360	1,750	1,760
Minnesota .....	1,260	1,650	1,630
New Mexico .....	1,450	1,450	1,600
New York .....	1,270	1,700	1,670
Ohio .....	1,300	1,680	1,620
Oregon .....	1,250	1,550	1,550
Pennsylvania .....	1,310	1,750	1,740
South Dakota .....	1,330	1,750	1,650
Texas .....	1,350	1,650	1,700
Utah .....	1,250	1,450	1,450
Vermont .....	1,400	1,800	1,800
Virginia .....	1,260	1,610	1,620
Washington .....	1,350	1,550	1,550
Wisconsin .....	1,450	1,870	1,840
United States .....	1,340	1,710	1,730

## Parity Price Overview

Parity prices, based on data from January 2022, 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 2022, the 10-average includes the years 2012-2021). 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: September 2022 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			
		September 2021	August 2022	September 2022	September 2021	August 2022	September 2022	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
<b>Basic commodities</b>								
All wheat .....	bushel	0.530	17.30	19.50	19.50	45	44	45
Rice .....	cwt	1.27	40.80	46.70	46.80	35	42	38
Corn .....	bushel	0.408	13.40	15.00	15.00	41	48	47
<b>Cotton</b>								
Upland .....	pound	0.065	2.15	2.39	2.40	36	39	36
American Pima .....	pound	0.133	3.98	4.89	4.91	30	50	50
Peanuts .....	pound	0.022	0.695	0.810	0.811	32	31	32
Small chickpeas <sup>1</sup> .....	cwt	2.23	72.70	82.10	82.20	33	54	47
Large chickpeas <sup>1</sup> .....	cwt	2.82	93.80	104.00	104.00	33	36	32
Lentils <sup>1</sup> .....	cwt	2.20	71.70	81.00	81.10	43	37	37
<b>Designated non-basic</b>								
All milk, to plants <sup>2</sup> .....	cwt	1.73	56.50	63.70	63.80	32	39	38
Honey, extracted <sup>3</sup> .....	pound	0.201	6.25	7.40	7.41	34	34	34
<b>Wool and mohair</b>								
Wool .....	pound	0.148	4.77	5.45	5.46	35	31	31
Mohair .....	pound	0.464	14.60	17.10	17.10	35	33	33
<b>Other non-basic</b>								
Apples, fresh <sup>4</sup> .....	pound	0.041	1.200	1.510	1.510	68	47	52
Barley .....	bushel	0.485	15.60	17.80	17.90	33	42	42
Canola .....	cwt	1.82	56.50	67.00	67.10	51	60	42
Cottonseed .....	ton	18.80	610.00	692.00	693.00	39	50	52
Dry edible beans .....	cwt	3.07	98.90	113.00	113.00	38	40	36
Flaxseed .....	bushel	1.10	33.80	40.50	40.60	59	51	47
Oats .....	bushel	0.287	9.16	10.60	10.60	41	44	42
Potatoes, fresh .....	cwt	1.07	34.40	39.40	39.50	41	72	66
Sorghum grain .....	cwt	0.712	23.00	26.20	26.30	42	44	46
Soybeans .....	bushel	1.02	32.50	37.50	37.60	38	41	38
Sunflower, all .....	cwt	2.01	65.40	74.00	74.10	47	51	44
<b>Citrus (equivalent on-tree)</b>								
Grapefruit .....	box	1.02	29.60	37.50	37.60	90	31	35
Lemons .....	box	2.09	64.10	76.90	77.10	39	21	27
Oranges .....	box	1.080	33.80	39.70	39.80	37	58	79
<b>Livestock and poultry</b>								
Beef cattle .....	cwt	11.70	376.00	431.00	431.00	33	33	33
Broilers .....	pound	0.049	1.58	1.80	1.81	38	43	40
Calves .....	cwt	17.20	550.00	633.00	634.00	31	31	31
Eggs <sup>2</sup> .....	dozen	0.098	3.13	3.61	3.61	35	53	76
Hogs .....	cwt	5.45	175.00	201.00	201.00	40	43	37
Turkeys, live .....	pound	0.066	2.080	2.430	2.430	46	45	49

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

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

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

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

## Commodity Parity Prices – United States: September 2022 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			
		September 2021	August 2022	September 2022	
	(dollars)	(dollars)	(dollars)	(dollars)	
<b>Field crops and miscellaneous</b>					
Hops .....	pound	0.455	13.90	16.70	16.80
Mustard seed .....	cwt	2.94	96.00	108.00	108.00
Rapeseed .....	cwt	2.37	79.00	87.20	87.40
Rye .....	bushel	0.598	19.60	22.00	22.10
Safflower .....	cwt	2.17	69.50	79.90	80.00
Spearmint oil .....	pound	1.65	54.00	60.70	60.90
Sweet potatoes .....	cwt	2.05	64.80	75.40	75.60
<b>Tobacco</b>					
Flue-cured, 11-14 .....	pound	0.185	5.88	6.81	6.82
Fire-cured, 21-23 .....	pound	0.251	8.06	9.24	9.26
Burley, 31 .....	pound	0.184	5.88	6.77	6.79
Maryland, 32 .....	pound	0.177	5.53	6.51	6.53
Dark air-cured, 35-37 .....	pound	0.224	7.17	8.24	8.26
Pennsylvania seedleaf, 41 .....	pound	0.235	7.08	8.65	8.67
<b>Non-citrus fruit</b>					
Apples, processing <sup>1 2</sup> .....	ton	20.70	651.00	762.00	763.00
Apricots, fresh <sup>3</sup> .....	ton	124.00	3,950.00	4,560.00	4,570.00
Avocados <sup>2 3</sup> .....	ton	188.00	5,840.00	6,920.00	6,930.00
<b>Cherries</b>					
Sweet .....	ton	207.00	6,760.00	7,620.00	7,630.00
Tart <sup>2</sup> .....	pound	0.032	0.948	1.180	1.180
Cranberry <sup>2 4</sup> .....	barrel	3.20	105.00	118.00	118.00
Dates (California) <sup>3</sup> .....	ton	238.00	6,950.00	8,760.00	8,780.00
<b>Grapes (California)</b>					
Wine, processing .....	ton	81.00	2,510.00	2,980.00	2,990.00
Kiwifruit <sup>2</sup> .....	ton	141.00	4,040.00	5,190.00	5,200.00
Nectarines, fresh (California) <sup>3</sup> .....	ton	87.90	2,660.00	3,230.00	3,240.00
Olives, canning (California) <sup>4</sup> .....	ton	109.00	3,540.00	4,010.00	4,020.00

See footnote(s) at end of table.

--continued

## Commodity Parity Prices – United States: September 2022 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		
		September 2021	August 2022	September 2022
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Non-citrus fruit - continued</b>				
Papayas (Hawaii) ..... pound	0.045	1.33	1.66	1.66
Peaches, fresh <sup>4 5</sup> ..... ton	113.00	3,510.00	4,160.00	4,170.00
Pears, fresh <sup>5</sup> ..... ton	61.50	1,950.00	2,260.00	2,270.00
Plums (California) equivalent on-tree				
Fresh <sup>6</sup> ..... ton	90.80	2,700.00	3,340.00	3,350.00
Strawberries				
Fresh <sup>7</sup> ..... pound	10.40	322.00	383.00	384.00
Processing ..... pound	4.12	124.00	152.00	152.00
Sugar crops				
Sugar beets <sup>2 8</sup> ..... ton	4.30	144.00	158.00	159.00
Sugarcane <sup>2 8</sup> ..... ton	3.39	110.00	125.00	125.00
Tree nuts <sup>9</sup>				
Almonds ..... pound	0.247	8.02	9.09	9.11
Hazelnuts ..... ton	223.00	7,270.00	8,210.00	8,220.00
Pistachios ..... pound	0.253	7.99	9.31	9.33
Walnuts ..... ton	206.00	7,110.00	7,580.00	7,600.00
Vegetables, fresh <sup>7</sup>				
Carrots <sup>10</sup> ..... cwt	2.64	85.60	97.20	97.40
Cauliflower <sup>10</sup> ..... cwt	4.21	137.00	155.00	155.00
Celery <sup>10</sup> ..... cwt	2.13	67.30	78.40	78.60
Honeydew melons ..... cwt	2.10	66.00	77.30	77.40
Lettuce ..... cwt	2.64	84.00	97.20	97.40
Onions <sup>10</sup> ..... cwt	1.45	44.50	53.40	53.50
Tomatoes ..... cwt	4.07	129.00	150.00	150.00

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

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

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

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

<sup>5</sup> Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except Peaches), and Washington. Price at point of first sale for other states.

<sup>6</sup> Based on "as sold" prices for fresh fruit in all states.

<sup>7</sup> FOB shipping point price.

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

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

<sup>10</sup> Includes some processing.

## Marketing Year for Specified Commodities

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

## All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022

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

	Prices received		Farm marketings <sup>1</sup>	
	2020-2021	2021-2022 <sup>2</sup>	2020-2021	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	15.80	15.40	5,768	8,070
September .....	13.70	14.20	8,281	10,527
October .....	13.50	14.80	15,793	13,117
November .....	13.90	15.70	14,319	13,934
December .....	14.10	16.80	21,209	16,986
January <sup>3</sup> .....	14.60	16.60	23,715	19,375
February .....	14.40	15.90	14,782	14,388
March .....	14.40	15.80	17,373	14,624
April .....	14.40	16.20	12,757	13,162
May .....	15.00	16.90	9,768	9,954
June .....	15.00	17.40	10,391	8,871
July .....	14.60	17.70	11,429	8,314
MYA .....	14.40	16.10	165,585	151,322

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for August 2021 - July 2022. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022

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

	Prices received		Farm marketings <sup>1</sup>	
	2020-2021	2021-2022 <sup>2</sup>	2020-2021	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	13.60	13.20	3,415	6,038
September .....	12.60	13.00	6,534	9,045
October .....	12.20	13.10	13,029	11,222
November .....	12.10	13.10	10,758	10,817
December .....	12.30	13.20	16,138	11,696
January <sup>3</sup> .....	12.40	13.50	18,022	14,238
February .....	12.50	13.70	11,132	11,665
March .....	12.80	14.00	13,473	12,055
April .....	12.80	14.10	9,645	10,631
May .....	12.80	14.30	7,368	7,565
June .....	13.10	14.60	7,779	6,711
July .....	13.00	14.60	8,798	6,132
MYA .....	12.60	13.60	126,091	117,815

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for August 2021 - July 2022. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2020-2021 through 2021-2022

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

	Prices received		Farm marketings <sup>1</sup>	
	2020-2021	2021-2022 <sup>2</sup>	2020-2021	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	18.90	22.00	2,353	2,032
September .....	17.70	21.60	1,747	1,482
October .....	19.80	25.00	2,764	1,895
November .....	19.40	24.60	3,561	3,117
December .....	19.90	24.80	5,071	5,290
January <sup>3</sup> .....	21.50	25.30	5,693	5,137
February .....	19.90	25.20	3,650	2,723
March .....	20.00	24.40	3,900	2,569
April .....	19.70	25.10	3,112	2,531
May .....	21.60	25.00	2,400	2,389
June .....	20.50	26.00	2,612	2,160
July .....	19.90	26.60	2,631	2,182
MYA .....	20.10	24.80	39,494	33,507

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for August 2021 - July 2022. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2020-2021 through 2021-2022

[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	
	2020-2021	2021-2022 <sup>1</sup>	2020-2021	2021-2022 <sup>1 2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	21.20	22.80	12.30	13.40
September .....	21.80	22.60	12.30	13.10
October .....	22.80	28.10	12.60	13.30
November .....	22.90	28.80	12.60	13.40
December .....	22.20	28.00	12.90	13.50
January <sup>3</sup> .....	22.80	27.20	12.90	13.70
February .....	22.50	28.70	13.20	13.90
March .....	22.70	28.90	13.50	13.90
April .....	22.40	29.30	13.50	14.30
May .....	22.80	29.00	13.90	14.20
June .....	22.50	29.10	13.60	14.70
July .....	22.70	30.00	13.70	15.70
August .....	22.80	29.30	13.40	17.00
September .....	22.60	29.00	13.10	17.20
MYA .....	22.60	28.50	13.00	13.90

<sup>1</sup> Prices and marketings include late reports and revised data for August 2021 - August 2022. Final monthly prices, marketings, and MYA price for California will be published in the January 2023 *Agricultural Prices* report.

<sup>2</sup> Other States monthly prices for August 2020-July 2021 and 2020-2021 MYA price are final.

<sup>3</sup> Second year.

## Reliability of Prices Received Estimates

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

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

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

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

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

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

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

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

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

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

## September Prices Paid by Farmers

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 136.3, is down 0.1 percent from August 2022 but up 13 percent from September 2021.

**Production:** The September index, at 136.0, is down 0.1 percent from August but up 15 percent from last year. Lower prices in September for feeder pigs, other services, LP gas, and gasoline more than offset higher prices for complete feeds, supplements, and concentrates.

**Feed:** At 147.5, the September index increased 0.5 percent from August and 20 percent from last September. Since August, higher prices for complete feeds, supplements, and concentrates more than offset lower prices for hay & forages and feed grains.

**Livestock and poultry:** The September index, at 123.7, is down 0.9 percent from August but up 13 percent from last year. Since August, prices are lower for feeder pigs. The September feeder pigs price, at \$144.00 per cwt, is down \$21.00 per cwt from August. The September feeder cattle price, at \$174.00 per cwt, is unchanged from the August price.

**Fertilizer:** The index for September, at 124.8, is down 0.7 percent from August but up 30 percent from September a year ago. Since August, lower prices for nitrogen and mixed fertilizer more than offset higher prices for potash & phosphates.

**Chemicals:** The September index, at 153.1, is up 0.5 percent from August and 45 percent from last September.

**Fuels:** At 106.0, the September index is down 2.9 percent from August but up 28 percent from September 2021. Compared with August, prices are lower for LP gas, gasoline, and diesel.

**Machinery:** The index for September, at 174.3, increased 0.2 percent from August and 15 percent from last September. Compared with last month, prices are higher for other machinery and tractors but unchanged for self-propelled machinery.

**Consumer Price Index:** The September 2022 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 8.2 percent over the last 12 months to an index level of 296.808 (1982-1984=100). For the month, the index increased 0.2 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: September 2022 with Comparisons

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

Index Group and Ratios	1910-1914 Base			2011 Base		
	September 2021	August 2022	September 2022	September 2021	August 2022	September 2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	3281	3690	3688	121.2	136.4	136.3
Production .....	2464	2834	2830	118.4	136.2	136.0
Feed .....	1357	1616	1626	123.1	146.7	147.5
Livestock and poultry .....	2168	2464	2442	109.8	124.8	123.7
Seeds .....	3855	3855	3855	117.3	117.3	117.3
Fertilizer .....	1152	1514	1503	95.7	125.7	124.8
Chemicals .....	947	1367	1375	105.4	152.3	153.1
Fuels .....	2319	3055	2965	82.9	109.2	106.0
Supplies and repairs .....	1508	1654	1657	127.9	140.2	140.4
Autos and trucks .....	3559	3874	3889	115.8	126.0	126.5
Machinery .....	9225	10626	10652	151.0	173.9	174.3
Building materials .....	3361	3858	3841	144.5	165.8	165.1
Services and rent .....	2789	2991	2986	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	122.0	135.5	135.1
Rent .....	(NA)	(NA)	(NA)	116.1	117.0	126.1
Interest <sup>1</sup> .....	3992	4118	4118	109.5	112.9	112.9
Taxes <sup>2</sup> .....	7719	8006	8006	130.0	134.9	134.9
Wage rates .....	10617	11020	11020	148.3	153.9	153.9
Family living-CPI <sup>3</sup> .....	2606	2813	2819	122.0	131.7	132.0
Production, interest, taxes, and wage rates (PITW) .....	3416	3867	3863	121.1	137.1	137.0
Ratio (received/paid) .....	(NA)	(NA)	(NA)	90	97	96
Parity ratio <sup>4</sup> .....	34	37	37	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	36	38	38	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1855	2010	2010	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	121.0	135.2	135.0
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	121.5	137.5	123.7
Farm sector (production) .....	(NA)	(NA)	(NA)	117.6	134.0	134.0
Non-farm sector (production) .....	(NA)	(NA)	(NA)	118.8	137.6	137.2

(NA) Not available.

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

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

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

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

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

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

## Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: September 2022 with Comparisons

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

Index Group	Relative weights		Indexes (2011=100)		
	2021	2022	September 2021	August 2022	September 2022
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	72.8	72.5	118.4	136.2	136.0
Feed .....	13.8	13.6	123.1	146.7	147.5
Feed grains .....	2.0	1.9	91.7	120.1	118.5
Complete feeds .....	6.7	6.7	130.9	154.0	155.2
Hay and forages .....	1.7	1.7	125.0	155.4	153.2
Concentrates .....	2.2	2.2	123.3	140.1	141.6
Supplements .....	1.2	1.1	128.3	148.2	154.7
Livestock and poultry .....	9.5	9.6	109.8	124.8	123.7
Feeder cattle .....	7.4	7.5	109.5	126.9	127.0
Feeder pigs .....	0.8	0.8	123.6	117.9	102.9
Milk cow replacements .....	0.8	0.8	97.2	120.4	120.4
Poultry .....	0.6	0.6	113.1	113.1	113.1
Seeds .....	5.0	5.1	117.3	117.3	117.3
Field crops .....	4.6	4.6	115.8	115.8	115.8
Grasses and legumes .....	0.5	0.5	132.0	132.0	132.0
Fertilizer .....	5.4	5.5	95.7	125.7	124.8
Mixed fertilizer .....	2.4	2.4	99.3	118.3	117.4
Nitrogen .....	2.3	2.3	92.0	140.2	138.8
Potash and phosphate .....	0.8	0.8	95.2	105.7	105.9
Chemicals .....	3.6	3.6	105.4	152.3	153.1
Herbicides .....	2.2	2.3	108.1	156.1	157.0
Insecticides .....	0.8	0.8	101.3	146.3	147.1
Fungicides and other .....	0.5	0.5	100.4	145.1	145.9
Fuels .....	3.3	2.7	82.9	109.2	106.0
Diesel .....	2.0	1.7	75.6	113.2	112.8
Gasoline .....	0.7	0.6	83.0	105.1	98.0
LP gas .....	0.5	0.5	109.7	99.7	90.6
Supplies and repairs .....	4.5	4.5	127.9	140.2	140.4
Supplies .....	1.5	1.5	131.4	144.0	144.2
Repairs .....	3.0	3.0	126.1	138.3	138.5
Autos and trucks .....	1.1	1.2	115.8	126.0	126.5
Autos .....	0.1	0.2	109.4	120.4	121.0
Trucks .....	1.0	1.0	116.7	126.9	127.4
Machinery .....	4.3	4.3	151.0	173.9	174.3
Tractors .....	0.9	0.9	127.7	144.9	145.2
Self-propelled .....	1.7	1.7	149.0	172.8	172.8
Other machinery .....	1.6	1.6	166.5	191.9	192.8
Building materials .....	3.7	3.6	144.5	165.8	165.1
Services .....	11.8	11.7	122.0	135.5	135.1
Custom rates .....	1.2	1.2	114.7	126.0	126.0
Other services .....	10.6	10.5	122.9	136.6	136.1
Rent .....	6.8	7.0	116.1	117.0	117.0
Cash .....	3.6	3.8	124.5	126.1	126.1
Share .....	3.1	3.2	106.5	106.5	106.5
Interest .....	2.5	2.2	109.5	112.9	112.9
Taxes .....	3.1	3.2	130.0	134.9	134.9
Wage rates .....	7.5	7.8	148.3	153.9	153.9
Family living-CPI .....	14.1	14.3	122.0	131.7	132.0

## Feed Price Ratios – United States: September 2022 with Comparisons

Feed price ratio <sup>1</sup>	September 2021	August 2022	September 2022
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	4.2	4.2	4.2
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	6.2	11.2	17.0
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	12.9	11.9	10.4
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	1.66	1.70	1.74
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	23.2	19.9	20.5
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	7.2	6.6	7.3

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

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

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

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

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

## Prices Received Used to Calculate Feed Price Ratios – United States: September 2022 with Comparisons

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

Item	September 2021	August 2022	September 2022
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.595	0.765	0.718
Eggs, market .....dozen	0.773	1.80	2.62
Hogs, all .....cwt	70.80	85.80	73.80
Milk, all .....cwt	18.30	24.30	24.40
Steers and heifers .....cwt	127.00	144.00	145.00
Turkeys, live .....pound	0.961	1.100	1.180
Corn .....bushel	5.47	7.24	7.09
Hay, alfalfa .....ton	214.00	275.00	277.00
Soybeans .....bushel	12.20	15.30	14.10
Wheat, all .....bushel	7.75	8.55	8.85

## Prices Paid for Feeder Livestock – United States: September 2022 with Comparisons

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

Item	September 2021	August 2022	September 2022
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	150.00	174.00	174.00
Feeder pigs .....cwt	173.00	165.00	144.00

## Reliability of Prices Paid Estimates

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

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

Economics and Prices

[http://www.nass.usda.gov/Statistics\\_by\\_Subject/Economics\\_and\\_Prices/index.php](http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php)

Agricultural Prices Program and Survey

[https://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/](https://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/)

## Information Contacts

### General

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

### Crop Prices Received

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

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

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

Michelle Harder – Barley, Hay ..... (202) 690-8533

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

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

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

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

Lihan Wei – Peanuts, Rice ..... (202) 720-7688

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

Deonne Holiday – Almonds, Asparagus, Carrots, Coffee, Cranberries, Onions,  
Plums, Prunes, Sweet Corn, Tobacco ..... (202) 720-4288

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

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

Chris Singh – Apples, Blueberries, Cucumbers, Hazelnuts, Potatoes,  
Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes ..... (202) 720-4285

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

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

### Livestock Prices Received

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

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

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

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

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

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

Jean Porter, Head, Poultry and Specialty Commodities Section ..... (202) 720-8068

Fatema Haque – Turkeys ..... (202) 505-0041

Seth Riggins – Honey ..... (202) 720-3106

Autumn Stone – Eggs ..... (202) 690-3676

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

### Indexes, Prices Paid, and Parity Prices

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

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

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

Ralph Mondesir – Prices Received Indexes, Parity Prices, Prices Paid Indexes ..... (202) 720-6146

Max Reason – Prices Received Indexes, Parity Prices, Prices Paid Indexes, Prices Paid for Feed,  
Fertilizer, Chemicals, Seeds, Fuels, Farm Supplies and Repairs, Farm Machinery, Feeder Livestock,  
Poultry Chicks, Feed Price Ratios ..... (202) 720-8844

## Access to NASS Reports

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

- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov).
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

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

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at [www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer](http://www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).