



# Agricultural Prices

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## Update Alert

The California Rice Market Year Average Price for 2022-2023 on page 25 was updated. The updated estimate was published to the Quickstats database on November 3, 2023.

## September Prices Received Index Down 2.9 Percent

The September Prices Received Index 2011 Base (Agricultural Production), at 122.6, decreased 2.9 percent from August and 7.1 percent from September 2022. At 113.9, the Crop Production Index was down 4.2 percent from last month and 11 percent from the previous year. The Livestock Production Index, at 133.1, decreased 0.9 percent from August, and 2.6 percent from September last year. Producers received lower prices for corn, hogs, soybeans, and lettuce during September, but higher prices for broilers, milk, grapes, and broccoli. In addition to prices, the volume change of commodities marketed also influences the indexes. In September, there was decreased marketing of cattle, wheat, cotton, and peaches and increased monthly movement for soybeans, corn, dry beans, and apples.

## September Prices Paid Index Up 0.1 Percent

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 138.8, is up 0.1 percent from August 2023 but unchanged from September 2022. Higher prices in September for feeder cattle, feeder pigs, diesel, and nitrogen more than offset lower prices for feed grains, complete feeds, concentrates, and hay & forages.

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

Index Group	September 2022	August 2023	September 2023
	(percent)	(percent)	(percent)
Prices received by farmers .....	131.9	126.2	122.6
Prices paid by farmers .....	138.8	138.6	138.8
Ratio of prices received to prices paid .....	95	91	88

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## September Prices Received by Farmers

**Crop production:** The September index, at 113.9, is 4.2 percent lower than August and 11 percent lower than September 2022. The grain & oilseed and vegetable & melon index decreases more than offset the other crop and fruit & tree nut index increases.

**Grain and oilseed:** The September index, at 96.3, is down 5.9 percent from August and 18 percent from September 2022.

**Feed grain:** The September index, at 87.7, decreased 9.2 percent from last month and 26 percent from a year ago. The corn price, at \$5.21 per bushel, is down 52 cents from last month and \$1.88 from September 2022.

**Food grain:** At 101.6, the index for September decreased 1.5 percent from the previous month and 15 percent from a year ago. The September price for all wheat, at \$7.07 per bushel, is 28 cents lower than August and \$1.71 lower than September 2022. The September price for rice, at \$16.60 per cwt, is \$2.60 lower than August and \$1.10 lower than September 2022.

**Oilseed:** At 105.6, the index for September decreased 6.1 percent from August and 7.0 percent from September 2022. The soybean price, at \$13.20 per bushel, is 90 cents lower than August and \$1.00 lower than September a year earlier.

**Fruit and tree nut:** The September index, at 174.4, is up 1.1 percent from August and 11 percent from a year earlier. Price increases during September for grapes, lemons, peaches, and oranges more than offset price decreases for strawberries, pears, and apples.

**Vegetable and melon:** At 133.4, the index for September is down 5.4 percent from the previous month and 17 percent from September 2022. Price declines during September for lettuce, potatoes, and onions more than offset price increases for broccoli, carrots, cauliflower, and celery.

**Other crop:** The September index, at 117.3, is up 4.9 percent from the previous month but down 11 percent from September 2022. The all hay price, at \$204.00 per ton, is down \$5.00 from August and \$44.00 from September 2022. At 76.3 cents per pound, the price for upland cotton is 0.1 cents lower than August and 9.6 cents lower than September 2022.

**Livestock production:** The index for September, at 133.1, decreased 0.9 percent from the previous month and 2.6 percent from September a year earlier. Meat animal index decreases more than offset dairy and poultry & egg index increases.

**Meat animal:** At 142.4, the September index decreased 3.5 percent from the previous month but increased 17 percent from a year earlier. At \$64.90 per cwt, the September hog price is \$8.80 lower than August and \$8.90 lower than a year earlier. The September beef cattle price of \$181.00 per cwt is \$1.00 lower than the previous month but \$38.00 higher than September 2022.

**Dairy:** The index for September, at 104.5, is up 6.6 percent from the previous month but down 13 percent from September a year ago. The September all milk price of \$21.00 per cwt is \$1.30 higher than August but \$3.10 lower than September 2022.

**Poultry and egg:** At 137.8, the September index increased 2.4 percent from August but decreased 27 percent from September 2022. The September broiler price, at 66.4 cents per pound, is 4.2 cents higher than August but 6.9 cents lower than a year ago. The September market egg price, at 94.5 cents per dozen, is 15.5 cents lower than August and \$1.67 lower than September 2022. At 82.0 cents per pound, the September turkey price is 2.0 cents lower than the previous month and 38.0 cents lower than September 2022.

**Food Commodities:** The index, at 131.2, decreased 2.2 percent from the previous month and 3.6 percent from September 2022.

## Prices Received Indexes, 2011 Base – United States: September 2023 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 2022	August 2023	September 2023
	(percent)	(percent)	(percent)
Agricultural production .....	131.9	126.2	122.6
Crop production .....	128.0	118.9	113.9
Grain and oilseed .....	116.8	102.3	96.3
Feed grain .....	118.4	96.6	87.7
Food grain .....	119.8	103.1	101.6
Oilseed .....	113.6	112.5	105.6
Fruit and tree nut .....	157.5	172.5	174.4
Vegetable and melon .....	160.2	141.0	133.4
Other crop .....	131.9	111.8	117.3
Livestock production .....	136.6	134.3	133.1
Meat animal .....	122.0	147.6	142.4
Cattle .....	125.4	160.1	160.4
Hog .....	111.0	110.8	97.6
Dairy .....	119.9	98.0	104.5
Poultry and egg .....	189.2	134.6	137.8
Food commodity .....	136.1	134.2	131.2

## Prices Received Indexes, 1910-1914 Base – United States: September 2023 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 2022	August 2023	September 2023
	(percent)	(percent)	(percent)
Agricultural production .....	1361	1302	1265
Crop production .....	1116	1037	993
Livestock production .....	1586	1559	1545

## 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](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	
	2022	2023	2022	2023	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	111.8	125.0	105.2	118.8	123.6	136.4	119.0	132.8
February .....	120.0	127.3	115.0	121.9	125.6	133.3	125.6	133.0
March .....	127.5	129.0	121.4	120.1	133.8	138.3	133.6	135.2
April .....	134.1	131.7	123.4	127.7	144.8	135.7	139.9	137.8
May .....	135.2	128.0	124.7	122.1	145.6	133.7	140.8	133.4
June .....	135.5	128.2	127.3	121.9	144.4	135.1	140.6	133.7
July .....	134.5	125.7	125.4	120.4	146.2	132.4	139.6	131.7
August .....	132.0	126.2	129.4	118.9	134.9	134.3	136.0	134.2
September .....	131.9	122.6	128.0	113.9	136.6	133.1	136.1	131.2
October .....	128.1		122.3		139.2		134.2	
November .....	134.0		127.8		143.6		146.0	
December .....	138.6		129.9		150.8		151.2	

## 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](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	
	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	138.6	138.2	136.6	140.8	136.7	135.7	140.5
July .....	138.7	138.4	138.3	136.3	140.6	136.2	136.7	140.7
August .....	139.3	138.6	139.2	136.5	140.8	136.6	137.7	140.7
September .....	138.8	138.8	138.5	136.6	140.0	136.8	137.6	140.8
October .....	138.6		138.0		140.0		137.1	
November .....	138.8		138.3		140.2		137.4	
December .....	138.4		137.9		139.3		137.5	

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

Commodity	2011 Base Price	September 2022	August 2023	September 2023
<b>Field crops</b>				
Barley, all .....dollars/bushel	4.79	7.51	7.52	7.45
Feed .....dollars/bushel	4.59	5.65	5.60	5.23
Malting .....dollars/bushel	4.83	7.70	7.79	7.66
Beans, dry edible .....dollars/cwt	34.60	40.50	37.70	38.80
Canola .....dollars/cwt	23.10	28.10	28.10	25.10
Chickpeas, all .....dollars/cwt	35.70	33.40	36.00	37.30
Large .....dollars/cwt	39.20	32.80	38.00	(D)
Small .....dollars/cwt	23.40	38.60	33.80	(D)
Corn .....dollars/bushel	6.02	7.09	5.73	5.21
Cotton, Upland .....dollars/pound	0.880	0.859	0.764	0.763
Cottonseed .....dollars/ton	131.00	316.00	219.00	242.00
Flaxseed .....dollars/bushel	14.20	18.90	11.20	12.00
Hay, all, baled .....dollars/ton	159.00	248.00	209.00	204.00
Alfalfa .....dollars/ton	176.00	280.00	230.00	224.00
Other .....dollars/ton	119.00	180.00	161.00	161.00
Lentils .....dollars/cwt	27.50	29.90	36.20	38.80
Oats .....dollars/bushel	3.42	4.43	3.70	3.86
Peanuts, in-shell .....dollars/pound	0.252	0.256	0.271	0.267
Peas, dry edible .....dollars/cwt	13.60	15.50	16.90	13.80
Rice, all .....dollars/cwt	13.70	17.70	19.20	16.60
Long .....dollars/cwt	12.30	16.10	16.90	15.60
Medium and short .....dollars/cwt	18.40	24.30	32.90	25.60
Sorghum grain .....dollars/cwt	10.70	12.10	8.53	9.35
Soybeans .....dollars/bushel	12.50	14.20	14.10	13.20
Sunflowers, all .....dollars/cwt	29.00	32.90	23.60	24.00
Wheat, all .....dollars/bushel	7.44	8.78	7.35	7.07
Winter .....dollars/bushel	6.93	8.72	7.09	6.71
Durum .....dollars/bushel	9.22	9.92	10.20	10.40
Other spring .....dollars/bushel	8.33	8.80	7.62	7.02
Hard red winter .....dollars/bushel	7.07	8.74	7.47	6.93
Soft red winter .....dollars/bushel	6.77	8.09	6.40	5.72
Hard red spring .....dollars/bushel	8.38	8.81	7.61	7.02
White .....dollars/bushel	6.58	8.81	6.70	6.96
<b>Fruits</b>				
Citrus, equivalent on-tree				
Grapefruit .....dollars/box	7.47	13.17	8.87	12.05
Lemons .....dollars/box	12.30	17.12	26.81	35.13
Oranges .....dollars/box	8.16	31.38	14.05	16.13
Non-citrus, fresh <sup>1</sup>				
Apples .....dollars/pound	0.325	0.784	0.844	0.822
Grapes .....dollars/ton	598.00	2,280.00	2,880.00	3,380.00
Peaches .....dollars/ton	507.00	2,050.00	2,590.00	2,650.00
Pears .....dollars/ton	559.00	1,700.00	1,660.00	1,400.00
Strawberries .....dollars/cwt	104.00	149.00	188.00	144.00

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

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

## Prices Received for Vegetables and Livestock – United States: September 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	September 2022	August 2023	September 2023
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap .....dollars/cwt	69.00	57.90	54.10	62.50
Broccoli .....dollars/cwt	41.60	98.80	92.40	112.00
Cantaloupes .....dollars/cwt	16.50	30.50	24.50	32.90
Carrots .....dollars/cwt	30.80	40.20	59.40	59.60
Cauliflower .....dollars/cwt	47.00	83.60	50.70	69.40
Celery .....dollars/cwt	22.50	40.60	56.50	67.90
Corn, sweet .....dollars/cwt	30.70	44.20	40.50	40.60
Cucumbers .....dollars/cwt	18.70	24.30	28.80	32.70
Lettuce, head .....dollars/cwt	24.30	50.30	35.50	24.20
Onions <sup>2</sup> .....dollars/cwt	11.90	42.10	31.60	29.20
Potatoes .....dollars/cwt	14.30	25.90	19.70	12.80
Tomatoes .....dollars/cwt	51.20	60.00	42.90	56.40
<b>Livestock</b>				
Calves .....dollars/cwt	142.00	195.00	272.00	279.00
Cattle, all beef .....dollars/cwt	115.00	143.00	182.00	181.00
Cows <sup>3</sup> .....dollars/cwt	71.60	91.20	115.00	114.00
Steers and heifers .....dollars/cwt	117.00	145.00	186.00	184.00
Milk cows <sup>4</sup> .....dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all .....dollars/cwt	66.50	73.80	73.70	64.90
Barrows and gilts .....dollars/cwt	66.80	73.90	74.30	65.60
Sows .....dollars/cwt	57.90	70.90	64.10	50.20
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....dollars/cwt	20.10	24.10	19.70	21.00
Fat test .....percent	4.08	4.01	4.00	4.08
Broilers, live <sup>6</sup> .....dollars/pound	0.459	0.733	0.622	0.664
Eggs, all .....dollars/dozen	0.969	2.65	1.35	1.22
Market <sup>7</sup> .....dollars/dozen	0.796	2.62	1.10	0.945
Turkeys, live <sup>8</sup> .....dollars/pound	0.680	1.20	0.840	0.820
<b>Adjusted for seasonal variation</b>				
Eggs, all .....dollars/dozen	0.979	2.74	1.30	1.26
Seasonal factor .....percent	101	97	104	97
Milk, all .....dollars/cwt	20.20	24.70	20.50	21.60
Seasonal factor .....percent	100	98	96	97

(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: 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		5.02	6.49		11.90	13.50	
November ....	8.52	9.15		5.26	6.49		12.10	14.00	
December ....	8.59	8.97		5.47	6.58		12.50	14.40	

## 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 <sup>1</sup>			All hogs <sup>2</sup>		
	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		65.50	70.50	
November .....	129.00	151.00		58.60	66.70	
December .....	137.00	154.00		56.50	62.50	

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

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

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

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
Arkansas .....	(D)	4.81	(D)
California .....	(D)	(D)	(D)
Colorado .....	8.65	7.06	6.45
Idaho .....	8.33	7.56	7.46
Illinois .....	8.14	6.06	5.82
Indiana .....	8.13	6.23	5.93
Kansas .....	8.94	7.43	7.10
Michigan .....	8.13	6.03	5.50
Minnesota .....	9.01	7.72	7.21
Missouri .....	8.17	6.71	5.58
Montana .....	8.60	8.44	7.23
Nebraska .....	8.77	7.05	6.66
North Carolina .....	8.28	7.12	5.96
North Dakota .....	8.89	7.80	7.50
Ohio .....	8.07	6.26	5.54
Oklahoma .....	8.82	7.79	7.01
Oregon .....	9.78	6.73	(S)
South Dakota .....	8.86	7.89	6.80
Texas .....	(D)	6.66	6.47
Washington .....	8.94	6.69	6.65
United States .....	8.78	7.35	7.07

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	4.81	(D)
California .....	(D)	(D)	(D)
Colorado .....	8.65	7.06	6.45
Idaho .....	8.32	7.59	7.38
Illinois .....	8.14	6.06	5.82
Indiana .....	8.13	6.23	5.93
Kansas .....	8.94	7.43	7.10
Michigan .....	8.13	6.03	5.50
Missouri .....	8.17	6.71	5.58
Montana .....	8.49	8.63	7.22
Nebraska .....	8.77	7.05	6.66
North Carolina .....	8.28	7.12	5.96
North Dakota .....	8.41	7.34	6.48
Ohio .....	8.07	6.26	5.54
Oklahoma .....	8.82	7.79	7.01
Oregon .....	9.78	6.73	(S)
South Dakota .....	8.96	8.04	6.78
Texas .....	(D)	6.66	6.47
Washington .....	8.94	6.61	6.63
United States .....	8.72	7.09	6.71

(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: September 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(D)	(D)	(D)
California .....	(S)	(D)	(D)
Idaho .....	(D)	(S)	(S)
Montana .....	(D)	(D)	(D)
North Dakota .....	9.88	10.20	10.40
United States .....	9.92	10.20	10.40

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho .....	8.36	7.48	7.65
Minnesota .....	9.01	7.72	7.21
Montana .....	8.50	7.88	7.25
North Dakota .....	8.84	7.55	6.93
South Dakota .....	8.77	7.73	6.81
Washington .....	8.94	7.18	6.82
United States .....	8.80	7.62	7.02

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

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(D)	(D)	(D)
Iowa .....	5.26	4.03	4.75
Michigan .....	4.46	4.00	5.28
Minnesota .....	4.32	3.63	3.53
Montana .....	(S)	(S)	(D)
Nebraska .....	(D)	(D)	3.63
New York .....	(D)	(S)	(D)
North Dakota .....	4.52	3.43	3.99
Oregon .....	(S)	(S)	(S)
Pennsylvania .....	(D)	4.19	(D)
South Dakota .....	4.35	3.68	3.49
Texas .....	(S)	(S)	(S)
Wisconsin .....	4.53	3.72	3.82
United States .....	4.43	3.70	3.86

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(D)	(S)
Colorado .....	6.90	7.28	7.45
Idaho .....	7.54	7.73	7.77
Minnesota .....	(D)	(D)	(D)
Montana .....	7.35	7.80	7.29
North Dakota .....	7.75	6.67	6.23
Washington .....	6.74	(D)	(D)
Wyoming .....	(D)	(D)	7.47
United States .....	7.51	7.52	7.45

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	(D)	7.38	7.46
Idaho .....	7.61	8.03	7.86
Minnesota .....	(D)	(D)	(D)
Montana .....	7.59	7.84	7.38
North Dakota .....	8.11	(D)	7.38
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	(D)	7.47
United States .....	7.70	7.79	7.66

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(D)	(S)
Colorado .....	(D)	(D)	(D)
Idaho .....	6.13	(D)	4.70
Minnesota .....	(S)	(D)	(D)
Montana .....	5.62	5.82	4.95
North Dakota .....	5.31	5.55	5.13
Washington .....	5.82	(D)	(D)
Wyoming .....	(D)	(D)	(S)
United States .....	5.65	5.60	5.23

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	8.12	7.17	6.04
Illinois .....	6.70	5.61	5.04
Indiana .....	7.05	5.79	5.36
Iowa .....	7.42	5.77	5.22
Kansas .....	7.02	5.70	5.03
Kentucky .....	6.50	6.17	5.21
Michigan .....	6.67	5.58	5.31
Minnesota .....	7.13	5.59	5.16
Missouri .....	6.93	5.62	5.00
Nebraska .....	7.15	5.97	5.38
North Carolina .....	7.15	6.26	5.73
North Dakota .....	6.88	5.64	5.19
Ohio .....	6.58	5.56	5.50
Pennsylvania .....	7.31	6.66	5.90
South Dakota .....	7.04	5.67	4.92
Tennessee .....	6.61	6.01	4.86
Texas .....	7.72	5.17	5.37
Wisconsin .....	7.12	5.63	5.07
United States .....	7.09	5.73	5.21

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

State	September 2022	August 2023	September 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	12.60	8.69	8.77
Nebraska .....	10.20	9.28	9.83
Oklahoma .....	9.70	7.66	9.03
Texas .....	12.50	8.53	9.77
United States .....	12.10	8.53	9.35

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

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	13.90	13.80	13.50
Illinois .....	14.50	14.20	13.10
Indiana .....	14.50	14.50	13.20
Iowa .....	14.20	14.10	13.10
Kansas .....	14.20	14.10	13.10
Kentucky .....	14.50	14.60	13.50
Louisiana .....	13.10	13.90	13.40
Michigan .....	15.60	14.90	14.30
Minnesota .....	13.90	13.60	12.90
Mississippi .....	(D)	13.90	13.30
Missouri .....	14.40	14.20	13.40
Nebraska .....	13.90	13.90	13.00
North Carolina .....	14.20	(D)	14.10
North Dakota .....	13.80	12.70	12.50
Ohio .....	14.70	14.60	13.30
South Dakota .....	13.90	13.70	12.90
Tennessee .....	14.00	14.40	13.00
Wisconsin .....	14.10	14.30	13.70
United States .....	14.20	14.10	13.20

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

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

State	September 2022	August 2023	September 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(S)	(S)	(D)
Colorado .....	45.40	(D)	(D)
Idaho .....	(D)	(D)	(D)
Michigan .....	(D)	46.30	44.20
Minnesota .....	39.70	40.50	(D)
Nebraska .....	(D)	(D)	(D)
North Dakota .....	39.40	36.00	36.80
United States .....	40.50	37.70	38.80

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(S)	(S)
Montana .....	25.80	(D)	(D)
North Dakota .....	28.00	28.10	25.10
Oklahoma .....	(S)	(S)	(S)
United States .....	28.10	28.10	25.10

(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 2023 with Comparisons

State	September 2022	August 2023	September 2023
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	18.90	11.20	12.00
United States .....	18.90	11.20	12.00

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

State	September 2022	August 2023	September 2023
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.255	0.285	0.249
Arkansas .....	0.248	(S)	0.247
Florida .....	0.246	0.318	0.267
Georgia .....	0.248	0.261	0.253
Mississippi .....	0.259	0.291	0.280
New Mexico .....	(S)	(S)	(S)
North Carolina .....	0.264	0.271	0.276
Oklahoma .....	0.291	0.321	0.321
South Carolina .....	0.259	0.263	0.275
Texas .....	0.309	0.356	0.348
Virginia .....	0.275	0.273	0.284
United States .....	0.256	0.271	0.267

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

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

State	September 2022	August 2023	September 2023
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	31.50	(D)	24.70
Minnesota .....	(D)	(D)	(D)
North Dakota .....	32.60	24.20	24.70
South Dakota .....	33.30	19.90	17.60
United States .....	32.90	23.60	24.00

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

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	September 2022	August 2023	September 2023	September 2022	August 2023	September 2023
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(S)	(D)	(D)	205.00	(NA)	(S)
Arizona .....	(D)	(S)	(S)	(S)	(NA)	(S)
Arkansas .....	(D)	(D)	(D)	336.00	(NA)	270.00
California .....	(S)	(S)	(S)	(S)	(NA)	(S)
Georgia .....	(S)	(D)	(D)	271.00	(NA)	168.00
Louisiana .....	(S)	(D)	(D)	322.00	(NA)	213.00
Mississippi .....	(S)	(D)	(D)	(S)	(NA)	260.00
North Carolina .....	(S)	0.834	(D)	(S)	(NA)	(S)
Tennessee .....	(D)	(D)	(D)	(S)	(NA)	(S)
Texas .....	0.854	0.743	0.742	370.00	219.00	242.00
United States .....	0.859	0.764	0.763	316.00	219.00	242.00

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

(NA) Not available.

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

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

Item	September 2022	August 2023	September 2023
Cotton, Upland			
Average price ..... dollars/pound	0.859	0.764	0.763
Marketings <sup>1</sup> ..... 1,000 bales	216	189	358
Rice, all			
Average price ..... dollars/cwt	17.70	19.20	16.60
Marketings <sup>2</sup> ..... 1,000 cwt	9,203	4,638	10,552
Rice, long			
Average price ..... dollars/cwt	16.10	16.90	15.60
Marketings <sup>2</sup> ..... 1,000 cwt	7,465	3,991	9,501
Rice, medium and short			
California			
Average price ..... dollars/cwt	32.70	34.40	34.40
Other States <sup>3</sup>			
Average price ..... dollars/cwt	17.10	21.20	18.30
United States			
Average price ..... dollars/cwt	24.30	32.90	25.60
Marketings <sup>2</sup> ..... 1,000 cwt	1,738	646	1,051

<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 2023 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	September 2022	August 2023	September 2023	September 2022	August 2023	September 2023	September 2022	August 2023	September 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 .....	322.00	244.00	214.00	330.00	245.00	215.00	245.00	160.00	145.00
California .....	336.00	223.00	239.00	350.00	230.00	250.00	280.00	200.00	200.00
Colorado .....	241.00	260.00	259.00	240.00	260.00	260.00	245.00	260.00	250.00
Idaho .....	276.00	211.00	210.00	280.00	210.00	210.00	240.00	225.00	210.00
Illinois .....	164.00	163.00	163.00	180.00	175.00	175.00	125.00	140.00	135.00
Iowa .....	171.00	161.00	169.00	181.00	167.00	175.00	134.00	140.00	149.00
Kansas .....	201.00	249.00	223.00	241.00	264.00	257.00	135.00	178.00	173.00
Kentucky .....	180.00	179.00	182.00	224.00	220.00	211.00	164.00	168.00	175.00
Michigan .....	158.00	178.00	185.00	190.00	195.00	205.00	120.00	140.00	145.00
Minnesota .....	148.00	151.00	151.00	170.00	170.00	165.00	117.00	132.00	128.00
Missouri .....	133.00	141.00	142.00	170.00	175.00	175.00	130.00	135.00	135.00
Montana .....	242.00	198.00	188.00	245.00	200.00	190.00	230.00	185.00	175.00
Nebraska .....	172.00	197.00	186.00	198.00	220.00	210.00	118.00	139.00	135.00
Nevada .....	310.00	188.00	174.00	310.00	190.00	175.00	310.00	160.00	145.00
New Mexico .....	290.00	287.00	279.00	300.00	295.00	285.00	235.00	245.00	245.00
New York .....	190.00	167.00	156.00	235.00	231.00	215.00	160.00	152.00	139.00
North Dakota .....	129.00	119.00	113.00	140.00	128.00	120.00	85.00	95.00	90.00
Ohio .....	157.00	173.00	179.00	175.00	185.00	195.00	150.00	160.00	165.00
Oklahoma .....	127.00	107.00	99.00	248.00	204.00	197.00	117.00	94.00	89.00
Oregon .....	321.00	275.00	274.00	330.00	285.00	280.00	290.00	260.00	255.00
Pennsylvania .....	177.00	171.00	160.00	235.00	231.00	215.00	162.00	152.00	144.00
South Dakota .....	176.00	159.00	149.00	199.00	166.00	161.00	117.00	130.00	125.00
Texas .....	198.00	200.00	194.00	271.00	255.00	256.00	175.00	179.00	176.00
Utah .....	301.00	225.00	195.00	305.00	225.00	195.00	255.00	180.00	150.00
Washington .....	327.00	275.00	264.00	335.00	280.00	270.00	300.00	265.00	250.00
Wisconsin .....	149.00	132.00	158.00	161.00	144.00	174.00	96.00	100.00	113.00
Wyoming .....	229.00	204.00	204.00	230.00	205.00	205.00	225.00	200.00	200.00
United States .....	248.00	209.00	204.00	280.00	230.00	224.00	180.00	161.00	161.00

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

State	September 2022	August 2023	September 2023
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California .....	380.00	300.00	315.00
Idaho .....	320.00	270.00	270.00
Michigan .....	215.00	220.00	230.00
Minnesota .....	216.00	201.00	189.00
New York .....	300.00	310.00	293.00
Pennsylvania .....	315.00	321.00	300.00
Texas .....	329.00	323.00	323.00
Wisconsin .....	200.00	175.00	197.00
5-State Total <sup>1 2</sup> .....	342.00	282.00	288.00

<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 2022, includes California, Idaho, New York, Texas, and Wisconsin. For August 2023, includes California, Idaho, New York, Texas, and Wisconsin. For September 2023, includes California, Idaho, New York, Texas, and Wisconsin.

### 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)	16.43	(D)	(D)	13.17	(D)	(D)
Lemons .....	41.60	23.98	30.53	(D)	17.12	23.33	(D)
Oranges .....	44.50	31.50	44.36	(D)	31.38	44.32	(D)

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

### Prices Received for Citrus Fruits by Utilization – States and United States: August 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 .....	(D)	12.27	(D)	(D)	8.87	(D)	(D)
Lemons .....	51.20	33.77	40.13	(D)	26.81	32.93	(D)
Oranges .....	33.60	17.19	22.65	(D)	14.05	19.59	(D)

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

### Prices Received for Citrus Fruits by Utilization – States and United States: September 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 .....	(D)	15.51	(D)	(D)	12.05	(D)	(D)
Lemons .....	56.60	42.37	45.28	(D)	35.13	37.94	(D)
Oranges .....	36.20	19.32	25.03	(D)	16.13	21.91	(D)

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

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

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

State	September 2022		August 2023		September 2023	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	24.60	3.76	19.50	3.84	20.80	3.87
California .....	23.80	4.00	19.50	4.03	21.30	4.12
Colorado .....	24.50	3.80	19.80	3.83	21.50	3.91
Florida .....	29.40	3.70	22.80	3.80	24.70	3.83
Georgia .....	29.30	3.81	22.20	3.77	24.20	3.84
Idaho .....	24.80	4.09	20.30	4.05	21.00	4.19
Illinois .....	24.30	3.99	19.50	3.94	20.90	4.03
Indiana .....	25.20	3.94	19.70	3.86	21.40	3.92
Iowa .....	22.20	4.12	19.20	4.13	19.80	4.20
Kansas .....	23.00	4.04	18.00	4.02	19.70	4.11
Michigan .....	23.40	3.90	19.10	3.96	20.30	4.01
Minnesota .....	23.10	4.24	19.40	4.19	20.50	4.30
New Mexico .....	22.20	3.82	17.60	3.79	19.20	3.88
New York .....	26.00	3.95	20.50	3.98	21.90	4.05
Ohio .....	24.90	3.96	20.10	3.90	21.70	3.96
Oregon .....	26.20	4.21	22.50	4.14	24.00	4.22
Pennsylvania .....	26.10	3.97	20.20	3.95	21.50	4.01
South Dakota .....	23.70	4.42	19.90	4.37	21.30	4.45
Texas .....	24.10	4.19	19.90	4.01	21.30	4.13
Utah .....	24.80	3.92	19.00	3.90	20.80	4.00
Vermont .....	26.40	3.99	20.90	4.04	22.20	4.08
Virginia .....	28.60	3.89	22.30	3.83	24.20	3.92
Washington .....	25.80	4.11	20.60	4.07	22.00	4.18
Wisconsin .....	22.30	3.99	19.20	3.97	19.80	4.01
United States .....	24.10	4.01	19.70	4.00	21.00	4.08

## Prices Received for Milk Cows – States and United States: October 2023 with Comparisons

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

State	October 2022	July 2023	October 2023
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,700	1,800	1,850
California .....	1,850	1,665	1,800
Colorado .....	1,700	1,700	1,850
Florida .....	1,600	2,070	2,030
Georgia .....	1,700	1,780	1,820
Idaho .....	1,600	1,700	1,800
Illinois .....	1,650	1,760	1,730
Indiana .....	1,790	1,900	1,930
Iowa .....	1,750	1,800	1,820
Kansas .....	1,600	1,700	1,800
Michigan .....	1,760	1,890	1,980
Minnesota .....	1,630	1,780	1,810
New Mexico .....	1,600	1,650	1,650
New York .....	1,670	1,800	1,880
Ohio .....	1,620	1,670	1,780
Oregon .....	1,550	1,600	1,600
Pennsylvania .....	1,750	1,820	1,870
South Dakota .....	1,650	1,670	1,800
Texas .....	1,700	1,700	1,850
Utah .....	1,450	1,450	1,600
Vermont .....	1,800	1,780	1,850
Virginia .....	1,620	1,700	1,800
Washington .....	1,550	1,650	1,750
Wisconsin .....	1,840	1,910	1,990
United States .....	1,730	1,760	1,850

## 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: September 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		
		September 2022	August 2023	September 2023	September 2022	August 2023	September 2023
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
<b>Basic commodities</b>							
All wheat .....bushel	0.544	19.50	20.40	20.40	45	36	35
Rice .....cwt	1.29	46.80	48.30	48.40	38	40	34
Corn .....bushel	0.407	15.00	15.20	15.30	47	38	34
Cotton							
Upland .....pound	0.066	2.40	2.47	2.48	36	31	31
American Pima .....pound	0.144	4.91	5.39	5.40	50	33	33
Peanuts .....pound	0.021	0.811	0.786	0.788	32	34	34
Small chickpeas <sup>1</sup> .....cwt	2.26	82.20	84.60	84.80	47	40	41
Large chickpeas <sup>1</sup> .....cwt	2.76	104.00	103.00	104.00	32	37	36
Lentils <sup>1</sup> .....cwt	2.33	81.10	87.30	87.40	37	41	44
<b>Designated non-basic</b>							
All milk, to plants <sup>2</sup> .....cwt	1.80	63.80	67.40	67.60	39	30	32
Honey, extracted <sup>3</sup> .....pound	0.210	7.41	7.86	7.88	36	38	38
<b>Wool and mohair</b>							
Wool .....pound	0.147	5.46	5.51	5.52	31	28	28
Mohair .....pound	0.485	17.10	18.20	18.20	33	36	36
<b>Other non-basic</b>							
Apples, fresh <sup>4</sup> .....pound	0.045	1.510	1.690	1.690	52	50	49
Barley .....bushel	0.489	17.90	18.30	18.40	42	41	40
Canola .....cwt	1.85	67.10	69.30	69.40	42	41	36
Cottonseed .....ton	19.50	693.00	730.00	732.00	46	30	33
Dry edible beans .....cwt	3.09	113.00	116.00	116.00	36	33	34
Flaxseed .....bushel	1.19	40.60	44.60	44.70	47	25	27
Oats .....bushel	0.301	10.60	11.30	11.30	42	33	34
Potatoes, fresh .....cwt	1.07	39.50	40.10	40.20	66	49	32
Sorghum grain .....cwt	0.718	26.30	26.90	26.90	46	32	35
Soybeans .....bushel	1.01	37.60	37.80	37.90	38	37	35
Sunflower, all .....cwt	2.06	74.10	77.10	77.30	44	31	31
<b>Citrus (equivalent on-tree)</b>							
Grapefruit .....box	1.08	37.60	40.40	40.50	35	22	30
Lemons .....box	2.10	77.10	78.60	78.80	22	34	45
Oranges .....box	1.130	39.80	42.30	42.40	79	33	38
<b>Livestock and poultry</b>							
Beef cattle .....cwt	11.80	431.00	442.00	443.00	33	41	41
Broilers .....pound	0.052	1.81	1.95	1.95	40	32	34
Calves .....cwt	17.30	634.00	648.00	649.00	31	42	43
Eggs <sup>2</sup> .....dozen	0.111	3.61	4.16	4.17	76	31	30
Hogs .....cwt	5.50	201.00	206.00	206.00	37	36	32
Turkeys, live .....pound	0.069	2.430	2.580	2.590	49	33	32

<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 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		
		September 2022	August 2023	September 2023
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops .....pound	0.481	16.80	18.00	18.10
Mustard seed ..... cwt	3.00	108.00	112.00	113.00
Rapeseed ..... cwt	2.32	87.40	86.90	87.10
Rye ..... bushel	0.595	22.10	22.30	22.30
Safflower ..... cwt	2.21	80.00	82.80	82.90
Spearmint oil .....pound	1.66	60.90	62.20	62.30
Sweet potatoes ..... cwt	2.06	75.60	77.10	77.30
Tobacco				
Flue-cured, 11-14 .....pound	0.185	6.82	6.93	6.94
Fire-cured, 21-23 .....pound	0.253	9.26	9.47	9.50
Burley, 31 .....pound	0.185	6.79	6.93	6.94
Maryland, 32 .....pound	0.185	6.53	6.93	6.94
Dark air-cured, 35-37 .....pound	0.226	8.26	8.46	8.48
Pennsylvania seedleaf, 41 .....pound	0.253	8.67	9.47	9.50
Non-citrus fruit				
Apples, processing <sup>1 2</sup> .....ton	20.20	763.00	756.00	758.00
Apricots, fresh <sup>3</sup> .....ton	123.00	4,570.00	4,610.00	4,620.00
Avocados <sup>2 3</sup> .....ton	217.00	6,930.00	8,130.00	8,140.00
Cherries				
Sweet .....ton	218.00	7,630.00	8,160.00	8,180.00
Tart <sup>2</sup> .....pound	0.028	1.180	1.050	1.050
Cranberry <sup>2 4</sup> ..... barrel	3.08	118.00	115.00	116.00
Dates (California) <sup>3</sup> .....ton	255.00	8,780.00	9,550.00	9,570.00
Grapes (California)				
Wine, processing .....ton	83.50	2,990.00	3,130.00	3,130.00
Kiwifruit <sup>2</sup> .....ton	153.00	5,200.00	5,730.00	5,740.00
Nectarines, fresh (California) <sup>3</sup> .....ton	92.60	3,240.00	3,470.00	3,480.00
Olives, canning (California) <sup>4</sup> .....ton	111.00	4,020.00	4,160.00	4,170.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: September 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		
		September 2022	August 2023	September 2023
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) .....pound	0.051	1.66	1.91	1.91
Peaches, fresh <sup>4 5</sup> .....ton	117.00	4,170.00	4,380.00	4,390.00
Pears, fresh <sup>5</sup> .....ton	60.60	2,270.00	2,270.00	2,270.00
Plums (California) equivalent on-tree				
Fresh <sup>6</sup> .....ton	97.80	3,350.00	3,660.00	3,670.00
Strawberries				
Fresh <sup>7</sup> .....cwt	10.80	384.00	404.00	405.00
Processing .....cwt	4.05	152.00	152.00	152.00
Sugar crops				
Sugar beets <sup>2 8</sup> .....ton	4.25	159.00	159.00	160.00
Sugarcane <sup>2 8</sup> .....ton	3.45	125.00	129.00	129.00
Tree nuts <sup>9</sup>				
Almonds .....pound	0.235	9.11	8.80	8.82
Hazelnuts .....ton	218.00	8,220.00	8,160.00	8,180.00
Pistachios .....pound	0.242	9.33	9.06	9.08
Walnuts .....ton	182.00	7,600.00	6,820.00	6,830.00
Vegetables, fresh <sup>7</sup>				
Carrots <sup>10</sup> .....cwt	2.92	97.40	109.00	110.00
Cauliflower <sup>10</sup> .....cwt	4.71	155.00	176.00	177.00
Celery <sup>10</sup> .....cwt	2.24	78.60	83.90	84.10
Honeydew melons .....cwt	2.37	77.40	88.80	88.90
Lettuce .....cwt	2.85	97.40	107.00	107.00
Onions <sup>10</sup> .....cwt	1.68	53.50	62.90	63.10
Tomatoes .....cwt	4.22	150.00	158.00	158.00

<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 2021-2022 through 2022-2023

[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>	
	2021-2022	2022-2023 <sup>2</sup>	2021-2022	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	15.40	19.20	8,070	4,685
September .....	14.20	17.70	10,527	9,203
October .....	15.00	17.50	12,897	9,981
November .....	15.60	18.30	13,461	9,249
December .....	16.80	20.10	16,373	11,734
January <sup>3</sup> .....	17.10	19.40	18,648	14,884
February .....	15.60	18.30	13,781	10,640
March .....	15.70	18.50	14,143	14,096
April .....	16.10	18.90	12,707	8,969
May .....	16.90	18.90	9,603	7,761
June .....	17.80	19.80	8,722	6,301
July .....	17.70	19.40	7,929	4,783
MYA .....	16.10	18.80	146,861	112,286

<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 2022 - July 2023. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.

### Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2021-2022 through 2022-2023

[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>	
	2021-2022	2022-2023 <sup>2</sup>	2021-2022	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	13.20	15.60	6,038	3,455
September .....	13.00	16.10	9,045	7,465
October .....	13.10	16.00	11,207	8,685
November .....	13.10	16.20	10,802	7,676
December .....	13.20	16.80	11,681	9,207
January <sup>3</sup> .....	13.50	16.80	14,223	12,041
February .....	13.70	17.10	11,650	9,342
March .....	14.00	17.10	12,040	12,519
April .....	14.10	17.20	10,616	7,949
May .....	14.30	17.00	7,550	6,711
June .....	14.60	16.60	6,696	4,912
July .....	14.50	16.80	6,117	3,974
MYA .....	13.60	16.70	117,665	93,936

<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 2022 - July 2023. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.



## Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2021-2022 through 2022-2023

[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>	
	2021-2022	2022-2023 <sup>2</sup>	2021-2022	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	22.00	29.30	2,032	1,230
September .....	21.60	24.30	1,482	1,738
October .....	27.70	27.00	1,690	1,296
November .....	25.90	28.40	2,659	1,573
December .....	26.00	32.20	4,692	2,527
January <sup>3</sup> .....	28.80	30.70	4,425	2,843
February .....	26.30	27.00	2,131	1,298
March .....	25.50	29.00	2,103	1,577
April .....	26.50	32.30	2,091	1,020
May .....	26.60	31.50	2,053	1,050
June .....	28.50	31.30	2,026	1,389
July .....	28.50	32.00	1,812	809
MYA .....	26.40	29.60	29,196	18,350

<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 2022 - July 2023. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2021-2022 through 2022-2023

[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	
	2021-2022	2022-2023 <sup>1</sup>	2021-2022	2022-2023 <sup>1 2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	22.80	32.70	13.40	16.80
September .....	22.60	32.70	13.10	17.10
October .....	32.20	35.30	13.30	17.30
November .....	31.70	34.60	13.40	17.50
December .....	30.20	37.10	13.50	17.50
January <sup>3</sup> .....	31.80	36.10	13.70	17.80
February .....	31.70	34.50	13.90	18.10
March .....	32.30	35.50	13.90	19.30
April .....	32.60	34.80	14.30	18.10
May .....	32.40	34.60	14.20	20.70
June .....	32.60	34.60	14.70	20.90
July .....	33.70	34.80	15.70	22.10
August .....	32.70	34.40	16.80	21.20
September .....	32.70	34.40	17.10	18.30
MYA .....	31.90	35.40	13.90	18.20

<sup>1</sup> Prices and marketings include late reports and revised data for August 2022 - August 2023. Final monthly prices, marketings, and MYA price for California will be published in the January 2024 *Agricultural Prices* report.

<sup>2</sup> Other States monthly prices for August 2021-July 2022 and 2021-2022 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:** See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

## September Prices Paid by Farmers

The September Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 138.8, is up 0.1 percent from August 2023 but unchanged from September 2022.

**Production:** The September index, at 136.6, is up 0.1 percent from August but down 1.4 percent from last year. Higher prices in September for feeder cattle, feeder pigs, diesel, and nitrogen more than offset lower prices for feed grains, complete feeds, concentrates, and hay & forages.

**Feed:** At 126.8, the September index decreased 1.9 percent from August and 12 percent from last September. Since August, prices are lower for feed grains, complete feeds, concentrates, hay & forages, and supplements.

**Livestock and poultry:** The September index, at 162.4, increased 2.1 percent from August and 31 percent from last year. Since August, prices are higher for feeder cattle and feeder pigs. The September feeder cattle price, at \$246.00 per cwt, is up \$4.00 per cwt from the August price. The September feeder pigs price, at \$91.00 per cwt, is up \$19.00 per cwt from August.

**Fertilizer:** The index for September, at 107.0, is up 0.7 percent from August but down 26 percent from September a year ago. Since August, higher prices for nitrogen and potash & phosphate more than offset lower prices for mixed fertilizer.

**Chemicals:** The September index, at 137.6, is down 0.6 percent from August and 16 percent from last September.

**Fuels:** At 98.9, the September index is up 3.9 percent from August but down 8.3 percent from September 2022. Compared with August, prices are higher for LP gas, diesel, and gasoline.

**Machinery:** The index for September, at 158.7, was unchanged from August but up 2.3 percent from last September. Compared with last month, prices are unchanged for tractors, self-propelled machinery, and other machinery.

**Consumer Price Index:** The September 2023 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 3.7 percent over the last 12 months to an index level of 307.789 (1982-1984=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: September 2023 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 2022	August 2023	September 2023	September 2022	August 2023	September 2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	3754	3749	3753	138.8	138.6	138.8
Production .....	2882	2840	2843	138.5	136.5	136.6
Feed .....	1581	1423	1396	143.7	129.3	126.8
Livestock and poultry .....	2451	3139	3205	124.2	159.0	162.4
Seeds .....	4329	4329	4329	131.7	131.7	131.7
Fertilizer .....	1739	1281	1289	144.3	106.3	107.0
Chemicals .....	1476	1242	1235	164.5	138.4	137.6
Fuels .....	3017	2663	2766	107.9	95.2	98.9
Supplies and repairs .....	1664	1702	1701	141.0	144.2	144.1
Autos and trucks .....	3891	3993	3994	126.5	129.9	129.9
Machinery .....	9474	9692	9693	155.1	158.7	158.7
Building materials .....	3845	3847	3850	165.2	165.3	165.4
Services and rent .....	3090	3160	3165	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	138.0	141.0	141.3
Rent .....	(NA)	(NA)	(NA)	124.0	127.0	129.0
Interest <sup>1</sup> .....	4693	5205	5205	128.6	142.7	142.7
Taxes <sup>2</sup> .....	8197	8532	8532	138.1	143.8	143.8
Wage rates .....	11286	11574	11574	157.6	161.6	161.6
Family living-CPI <sup>3</sup> .....	2821	2918	2925	132.0	136.5	136.9
Production, interest, taxes, and wage rates (PITW) .....	3947	3918	3922	140.0	138.9	139.1
Ratio (received/paid) .....	(NA)	(NA)	(NA)	95	91	88
Parity ratio <sup>4</sup> .....	36	35	34	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	37	36	35	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	2057	2012	2013	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	140.0	136.6	136.8
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	137.6	140.7	162.4
Farm sector (production) .....	(NA)	(NA)	(NA)	134.9	139.6	139.4
Non-farm sector (production) .....	(NA)	(NA)	(NA)	140.8	134.4	134.8

(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 2023 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)		
	2022	2023 <sup>1</sup>	September 2022	August 2023	September 2023
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	72.5	74.105	138.5	136.5	136.6
Feed .....	13.6	14.697	143.7	129.3	126.8
Feed grains .....	1.9	2.102	118.6	95.3	89.3
Complete feeds .....	6.7	7.202	145.6	131.3	129.9
Hay and forages .....	1.7	1.837	156.2	132.5	130.4
Concentrates .....	2.2	2.322	146.5	142.2	138.8
Supplements .....	1.1	1.235	150.9	146.6	144.7
Livestock and poultry .....	9.6	9.752	124.2	159.0	162.4
Feeder cattle .....	7.5	7.597	127.0	176.7	179.6
Feeder pigs .....	0.8	0.780	102.9	51.4	65.0
Milk cow replacements .....	0.8	0.790	120.4	123.9	123.9
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	144.3	106.3	107.0
Mixed fertilizer .....	2.4	2.934	136.3	125.0	124.2
Nitrogen .....	2.3	2.801	153.7	88.8	90.8
Potash and phosphate .....	0.8	0.934	141.2	100.2	101.4
Chemicals .....	3.6	3.637	164.5	138.4	137.6
Herbicides .....	2.3	2.291	187.4	157.7	156.8
Insecticides .....	0.8	0.837	127.0	106.9	106.3
Fungicides and other .....	0.5	0.509	122.8	103.4	102.8
Fuels .....	2.7	3.042	107.9	95.2	98.9
Diesel .....	1.7	1.893	112.7	98.7	103.0
Gasoline .....	0.6	0.637	98.1	101.6	101.7
LP gas .....	0.5	0.511	102.4	74.6	80.2
Supplies and repairs .....	4.5	4.392	141.0	144.2	144.1
Supplies .....	1.5	1.471	144.3	144.6	144.2
Repairs .....	3.0	2.920	139.4	144.1	144.1
Autos and trucks .....	1.2	1.140	126.5	129.9	129.9
Autos .....	0.2	0.148	121.0	123.2	123.1
Trucks .....	1.0	0.992	127.4	130.8	130.9
Machinery .....	4.3	4.827	155.1	158.7	158.7
Tractors .....	0.9	1.062	132.7	135.6	135.6
Self-propelled .....	1.7	1.931	149.5	160.3	160.3
Other machinery .....	1.6	1.834	173.9	170.3	170.3
Building materials .....	3.6	3.648	165.2	165.3	165.4
Services .....	11.7	10.954	138.0	141.0	141.3
Custom rates .....	1.2	1.128	126.0	141.2	141.2
Other services .....	10.5	9.826	139.4	140.9	141.3
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	157.6	161.6	161.6
Family living-CPI .....	14.3	13.526	132.0	136.5	136.9

<sup>1</sup> Starting 2023, relative weights published to three decimals.

## Feed Price Ratios – United States: September 2023 with Comparisons

Feed price ratio <sup>1</sup>	September 2022	August 2023	September 2023
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	4.2	3.9	4.5
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	17.0	8.1	7.6
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	10.4	12.9	12.5
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	1.71	1.67	1.89
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	20.5	32.5	35.3
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	7.4	5.8	6.1

<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 2023 with Comparisons

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

Item	September 2022	August 2023	September 2023
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.733	0.622	0.664
Eggs, market .....dozen	2.62	1.10	0.945
Hogs, all .....cwt	73.80	73.70	64.90
Milk, all .....cwt	24.10	19.70	21.00
Steers and heifers .....cwt	145.00	186.00	184.00
Turkeys, live .....pound	1.200	0.840	0.820
Corn .....bushel	7.09	5.73	5.21
Hay, alfalfa .....ton	280.00	230.00	224.00
Soybeans .....bushel	14.20	14.10	13.20
Wheat, all .....bushel	8.78	7.35	7.07

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

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

Item	September 2022	August 2023	September 2023
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	174.00	242.00	246.00
Feeder pigs .....cwt	144.00	72.00	91.00

## 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 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](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/)