



Agricultural Prices

ISSN: 1937-4216

Released July 31, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

June Prices Received Index Up 1.0 Percent

The June Prices Received Index 2011 Base (Agricultural Production), at 89.2, increased 1.0 percent from May but decreased 4.9 percent from June 2019. At 91.8, the Crop Production Index was down 3.3 percent from last month but up 2.1 percent from the previous year. The Livestock Production Index, at 86.7, increased 5.0 percent from May, but decreased 11 percent from June last year. Producers received higher prices during June for milk, oranges, broilers, and lettuce but lower prices for hogs, market eggs, cantaloupes, and corn. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In June, there was increased monthly movement for wheat, hay, peaches, and cantaloupes and decreased marketing of strawberries, oranges, milk, and cattle.

June Prices Paid Index Up 0.3 Percent

The June Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.1, is up 0.3 percent from May 2020 but down 1.2 percent from June 2019. Higher prices in June for LP gas, feeder cattle, other services, and gasoline more than offset lower prices for feeder pigs, complete feeds, nitrogen, and hay and forages.

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

Index Group	June 2019	May 2020	June 2020
	(percent)	(percent)	(percent)
Prices received by farmers	93.8	88.3	89.2
Prices paid by farmers	110.4	108.8	109.1
Ratio of prices received to prices paid	85	81	82

Contents

Prices Received by Farmers.....	3
Prices Received Indexes, 2011 Base – United States: June 2020 with Comparisons	4
Prices Received Indexes, 1910-1914 Base – United States: June 2020 with Comparisons	4
Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020	4
Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020.....	5
Prices Received for Field Crops and Fruits – United States: June 2020 with Comparisons	6
Prices Received for Vegetables and Livestock – United States: June 2020 with Comparisons	7
Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2020 with Comparisons.....	8
Prices Received for Beef Cattle and All Hogs by Month – United States: 2020 with Comparisons.....	8
Prices Received for All Wheat – States and United States: June 2020 with Comparisons	9
Prices Received for Winter Wheat – States and United States: June 2020 with Comparisons	9
Prices Received for Durum Wheat – States and United States: June 2020 with Comparisons	10
Prices Received for Spring Wheat – States and United States: June 2020 with Comparisons.....	10
Prices Received for Oats – States and United States: June 2020 with Comparisons	10
Prices Received for All Barley – States and United States: June 2020 with Comparisons	11
Prices Received for Malting Barley – States and United States: June 2020 with Comparisons	11
Prices Received for Feed Barley – States and United States: June 2020 with Comparisons	11
Prices Received for Sorghum Grain – States and United States: June 2020 with Comparisons	12
Prices Received for Corn – States and United States: June 2020 with Comparisons	12
Prices Received for Soybeans – States and United States: June 2020 with Comparisons	13
Prices Received for Dry Beans – States and United States: June 2020 with Comparisons.....	13
Prices Received for Peanuts (in shell) – States and United States: June 2020 with Comparisons	14
Prices Received for Sunflower – States and United States: June 2020 with Comparisons	14
Prices Received for Canola – States and United States: June 2020 with Comparisons	14
Prices Received for Flaxseed – States and United States: June 2020 with Comparisons	14
Prices Received for Upland Cotton and Cottonseed – States and United States: June 2020 with Comparisons	15
Prices Received and Marketings for Upland Cotton and Rice – United States: June 2020 with Comparisons	15
Prices Received for Hay by Type – States and United States: June 2020 with Comparisons	16
Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: June 2020	16
Prices Received for Citrus Fruits by Utilization – United States: June 2019	17
Prices Received for Citrus Fruits by Utilization – United States: May 2020	17
Prices Received for Citrus Fruits by Utilization – United States: June 2020	17
Prices Received for All Milk – States and United States: June 2020 with Comparisons.....	18
Prices Received for Milk Cows – States and United States: July 2020 with Comparisons	18
Commodity Parity Prices and Price as Percent of Parity Price – United States: June 2020 with Comparisons	19
Commodity Parity Prices – United States: June 2020 with Comparisons	20
Marketing Year for Specified Commodities	22
Prices Received for Sugar Crops, Market Year Average and Value of Production – United States: 2019	22
Parity Price Overview.....	23
Prices Received for Average Base Period – United States: January 1910-December 1914.....	24
The Parity Ratio	25
Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020	26
Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019	32
Reliability of Prices Received Estimates.....	42
Prices Paid by Farmers	43
Prices Paid Indexes and Related Parity Ratios – United States: June 2020 with Comparisons	44
Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: June 2020 with Comparisons.....	45
Feed Price Ratios – United States: June 2020 with Comparisons.....	46
Prices Received Used to Calculate Feed Price Ratios – United States: June 2020 with Comparisons	46
Prices Paid for Feeder Livestock – United States: June 2020 with Comparisons.....	46
Reliability of Prices Paid Estimates	47
Information Contacts	48

June Prices Received by Farmers

Crop production: The June index, at 91.8, is 3.3 percent lower than May but 2.1 percent higher than June 2019. The fruit & tree nut and grain & oilseed index decreases more than offset the other crop and vegetable & melon increases.

Grain and oilseed: The June index, at 60.6, is down 0.3 percent from May and down 9.7 percent from June 2019. The food grain and feed grain index decreases more than offset the higher oilseed index.

Feed grain: The June index, at 53.2, decreased 1 percent from last month and 20 percent from a year ago. The corn price, at \$3.16 per bushel, is down 4 cents from last month and 82 cents from June 2019.

Food grain: At 68.5, the index for June decreased 12 percent from May but increased 0.9 percent from June 2019. The June price for all wheat, at \$4.56 per bushel, is 20 cents lower than May and 25 cents lower than June 2019. The June price for rice, at \$14.70 per cwt, is 70 cents higher than May and \$2.50 higher than June 2019.

Oilseed: At 67.7, the index for June increased 0.6 percent from May and increased 0.3 percent from June 2019. The soybean price, at \$8.34 per bushel, is 6 cents higher than May and 3 cents higher than June 2019.

Fruit and tree nut: The June index, at 150.7, is down 1.9 percent from May but up 32 percent from June 2019. Price decreases during June for peaches more than offset price increases for pears, strawberries, apples, and lemons.

Vegetable and melon: At 128.4, the index for June increased 3.5 percent from the previous month and 0.5 percent from June 2019. Price increases during June for lettuce and celery more than offset price declines for cantaloupes and potatoes.

Other crop: The June index, at 87.8, is up 6.7 percent from the previous month but down 6.7 percent from June 2019. At 56.5 cents per pound, the price for upland cotton is 1.5 cents higher than May but 11.7 cents lower than June 2019. The all hay price, at \$162 per ton, is \$2.00 lower than May and \$15.00 lower than June 2019.

Livestock production: The index for June, at 86.7, increased 5.0 percent from the previous month but decreased 11 percent from June 2019. Compared with a month ago, prices are higher for milk, broilers, and turkeys. Prices are lower for hogs, market eggs, and calves.

Meat animal: At 88.0, the June index decreased 3.7 percent from May and 9.5 percent from a year earlier. At \$41.30 per cwt, the June hog price is \$9.70 lower than May and \$18.20 lower than June 2019. The June beef cattle price of \$109.00 per cwt is unchanged from May but \$5.00 lower than June 2019.

Dairy: The index for June, at 90.0, is up 33 percent from the previous month but unchanged from June a year ago. The June all milk price of \$18.10 per cwt is \$4.50 higher than May but unchanged from June 2019.

Poultry and egg: At 81.5, the June index increased 2.8 percent from May but decreased 22 percent from June 2019. The June broiler price, at 36.6 cents per pound, is 2.1 cents higher than May but 17.4 cents lower than June 2019. At 71.4 cents per pound, the June turkey price is 1.3 cents higher than May and 15.3 cents higher than June 2019. The June market egg price, at 42.1 cents per dozen, is 6.5 cents lower than May and 3.1 cents lower than June 2019.

Food Commodities: The index, at 93.7, increased 1.3 percent from May but decreased 3.1 percent from June 2019.

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

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

Index Group	2011 Base		
	June 2019	May 2020	June 2020
	(percent)	(percent)	(percent)
Agricultural production	93.8	88.3	89.2
Crop production	89.9	94.9	91.8
Grain and oilseed	67.1	60.8	60.6
Feed grain	66.6	53.6	53.2
Food grain	67.9	77.9	68.5
Oilseed	67.5	67.3	67.7
Fruit and tree nut	114.3	153.6	150.7
Vegetable and melon	127.7	124.1	128.4
Other crop	94.1	82.3	87.8
Livestock production	97.3	82.6	86.7
Meat animal	97.2	91.4	88.0
Cattle	99.4	95.4	95.3
Hog	89.5	76.7	62.1
Dairy	90.0	67.7	90.0
Poultry and egg	104.1	79.3	81.5
Food commodity	96.7	92.5	93.7

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

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

Index Group	1910 - 1914 Base		
	June 2019	May 2020	June 2020
	(percent)	(percent)	(percent)
Agricultural production	967	911	921
Crop production	784	828	801
Livestock production	1130	959	1007

Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020

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

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	86.4	88.9	78.7	82.5	97.8	98.5	92.9	96.4
February	90.3	90.6	85.1	86.4	95.2	94.7	94.3	95.0
March	93.3	93.4	87.8	89.0	98.1	97.4	98.0	98.8
April	93.7	85.1	85.8	92.7	100.5	78.4	97.7	88.2
May	92.7	88.3	85.0	94.9	99.1	82.6	96.1	92.5
June	93.8	89.2	89.9	91.8	97.3	86.7	96.7	93.7
July	91.3		89.2		93.7		93.4	
August	91.5		89.2		93.7		94.1	
September	87.9		88.5		87.3		89.9	
October	86.0		83.0		90.6		89.2	
November	90.3		85.1		97.1		97.3	
December	91.1		86.0		97.1		96.8	

Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2019 and 2020

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

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2019	2020	2019	2020	2019	2020	2019	2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	110.5	111.4	107.4	107.6	111.6	112.0	109.3	110.7
February	110.6	111.1	107.5	107.1	111.8	112.0	109.4	110.1
March	110.7	110.1	107.6	105.9	111.6	111.5	109.8	108.7
April	111.3	108.7	108.4	104.3	111.6	110.7	110.9	106.7
May	110.9	108.8	107.8	104.4	111.7	110.9	110.0	106.6
June	110.4	109.1	107.2	104.7	111.8	111.3	108.9	106.8
July	110.7		107.4		112.1		109.2	
August	109.9		106.3		111.4		108.3	
September	109.6		105.8		111.0		108.1	
October	110.3		106.7		111.6		109.0	
November	110.6		107.1		111.7		109.4	
December	110.9		107.4		111.9		109.7	

Prices Received for Field Crops and Fruits – United States: June 2020 with Comparisons

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

Commodity	2011 Base Price	June 2019	May 2020	June 2020
Field crops				
Barley, alldollars/bushel	4.79	4.81	4.76	4.57
Feeddollars/bushel	4.59	4.32	3.20	3.24
Maltingdollars/bushel	4.83	4.88	4.98	4.95
Beans, dry edibledollars/cwt	34.60	22.90	34.50	40.60
Canoladollars/cwt	23.10	14.90	14.20	15.20
Chickpeas, alldollars/cwt	35.70	20.10	16.80	16.30
Largedollars/cwt	39.20	20.50	17.80	20.30
Smalldollars/cwt	23.40	19.60	15.60	11.70
Corndollars/bushel	6.02	3.98	3.20	3.16
Cotton, Uplanddollars/pound	0.880	0.682	0.550	0.565
Cottonseeddollars/ton	131.00	(NA)	(NA)	(NA)
Flaxseeddollars/bushel	14.20	9.08	9.57	10.10
Hay, all, baleddollars/ton	159.00	177.00	164.00	162.00
Alfalfadollars/ton	176.00	193.00	179.00	179.00
Otherdollars/ton	119.00	146.00	131.00	128.00
Lentilsdollars/cwt	27.50	13.70	15.60	15.20
Oatsdollars/bushel	3.42	3.31	3.10	3.16
Peanuts, in-shelldollars/pound	0.252	0.215	0.211	0.207
Peas, dry edibledollars/cwt	13.60	9.80	9.16	9.02
Rice, alldollars/cwt	13.70	12.20	14.00	14.70
Longdollars/cwt	12.30	10.70	12.90	13.40
Medium and shortdollars/cwt	18.40	18.30	16.40	17.60
Sorghum graindollars/cwt	10.70	6.48	5.92	6.45
Soybeansdollars/bushel	12.50	8.31	8.28	8.34
Sunflowers, alldollars/cwt	29.00	17.90	20.40	21.70
Wheat, alldollars/bushel	7.44	4.81	4.76	4.56
Winterdollars/bushel	6.93	4.77	4.84	4.44
Durumdollars/bushel	9.22	5.58	5.27	6.52
Other springdollars/bushel	8.33	4.79	4.50	4.47
Hard red winterdollars/bushel	7.07	4.64	4.58	4.33
Soft red winterdollars/bushel	6.77	5.32	5.29	4.84
Hard red springdollars/bushel	8.38	4.78	4.43	4.45
Whitedollars/bushel	6.58	5.39	5.56	5.52
Fruits				
Citrus, equivalent on-tree				
Grapefruitdollars/box	7.47	11.95	11.87	13.41
Lemonsdollars/box	12.30	19.43	14.21	20.07
Orangesdollars/box	8.16	7.56	12.97	16.15
Non-citrus, fresh ¹				
Applesdollars/pound	0.325	0.372	0.579	0.586
Grapesdollars/ton	628.00	1,620.00	(S)	2,630.00
Peachesdollars/ton	507.00	1,180.00	1,500.00	1,190.00
Pearsdollars/ton	559.00	731.00	1,040.00	1,050.00
Strawberriesdollars/cwt	104.00	80.30	107.00	108.00

(NA) Not available.

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

¹ Beginning February 2020, price reflects FOB shipping point basis

Prices Received for Vegetables and Livestock – United States: June 2020 with Comparisons

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

Commodity	2011 Base Price	June 2019	May 2020	June 2020	
Vegetables, fresh ¹					
Asparagus	dollars/cwt	37.50	96.40	262.00	211.00
Beans, snap	dollars/cwt	69.00	(S)	49.50	84.10
Broccoli	dollars/cwt	41.60	51.10	46.00	118.00
Cantaloupes	dollars/cwt	16.50	21.40	31.90	26.90
Carrots	dollars/cwt	30.80	28.20	47.00	48.30
Cauliflower	dollars/cwt	47.00	47.50	43.30	79.90
Celery	dollars/cwt	22.50	88.80	45.10	46.80
Corn, sweet	dollars/cwt	30.70	31.20	33.20	75.90
Cucumbers	dollars/cwt	18.70	30.40	27.20	29.60
Lettuce	dollars/cwt	24.30	41.00	20.80	24.50
Onions ²	dollars/cwt	11.90	32.40	27.90	30.40
Potatoes	dollars/cwt	14.30	12.10	12.80	12.20
Tomatoes	dollars/cwt	51.20	36.10	87.00	57.10
Livestock					
Calves	dollars/cwt	142.00	149.00	151.00	149.00
Cattle, all beef	dollars/cwt	115.00	114.00	109.00	109.00
Cows ³	dollars/cwt	71.60	65.90	68.30	71.00
Steers and heifers	dollars/cwt	117.00	115.00	111.00	110.00
Milk cows ⁴	dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all	dollars/cwt	66.50	59.50	51.00	41.30
Barrows and gilts	dollars/cwt	66.80	60.00	52.70	42.20
Sows	dollars/cwt	57.90	47.50	22.40	21.00
Dairy and poultry					
Milk, all ⁵	dollars/cwt	20.10	18.10	13.60	18.10
Fat test	percent	3.71	3.81	3.87	3.82
Broilers, live ⁶	dollars/pound	0.459	0.540	0.345	0.366
Eggs, all	dollars/dozen	0.969	0.714	0.774	0.719
Market ⁷	dollars/dozen	0.796	0.452	0.486	0.421
Turkeys, live ⁸	dollars/pound	0.680	0.561	0.701	0.714
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	0.831	1.06	0.845
Seasonal factor	percent	101	86	73	85
Milk, all	dollars/cwt	20.20	18.50	14.10	18.50
Seasonal factor	percent	100	98	97	98

(NA) Not available.

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

¹ Beginning February 2020, price reflects FOB shipping point basis

² Includes some processing.

³ Beef cows and cull dairy cows sold for slaughter.

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

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

⁷ Also referred to as table eggs.

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

Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2020 with Comparisons

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

Month	All wheat			Corn			Soybeans		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
	(dollars per bushel)	(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	4.65	5.28	4.87	3.29	3.56	3.79	9.30	8.64	8.84
February	4.92	5.33	4.88	3.38	3.60	3.78	9.50	8.52	8.59
March	5.10	5.19	4.86	3.51	3.61	3.68	9.81	8.52	8.46
April	5.28	4.93	4.84	3.58	3.53	3.29	9.85	8.28	8.35
May	5.39	4.78	4.76	3.68	3.63	3.20	9.84	8.02	8.28
June	5.19	4.81	4.56	3.58	3.98	3.16	9.55	8.31	8.34
July	5.00	4.52		3.47	4.16		9.08	8.38	
August	5.31	4.35		3.36	3.93		8.59	8.22	
September	5.15	4.26		3.40	3.80		8.78	8.35	
October	5.22	4.45		3.42	3.84		8.59	8.60	
November	5.23	4.39		3.41	3.68		8.36	8.59	
December	5.28	4.64		3.54	3.71		8.56	8.70	

Prices Received for Beef Cattle and All Hogs by Month – United States: 2020 with Comparisons

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

Month	Beef cattle ¹			All hogs ²		
	2018	2019	2020	2018	2019	2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January	120.00	121.00	122.00	52.50	44.60	47.80
February	125.00	123.00	120.00	54.60	43.40	45.50
March	125.00	126.00	113.00	50.00	46.50	47.70
April	119.00	125.00	108.00	45.30	59.40	42.30
May	120.00	120.00	109.00	51.50	62.30	51.00
June	112.00	114.00	109.00	59.10	59.50	41.30
July	110.00	112.00		58.60	56.60	
August	110.00	111.00		44.30	58.50	
September	108.00	103.00		43.20	47.70	
October	110.00	107.00		50.30	49.10	
November	113.00	113.00		46.20	48.00	
December	117.00	118.00		43.40	47.30	

¹ Cows and steers & heifers.

² Barrows & gilts and sows.

Prices Received for All Wheat – States and United States: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	5.24	(D)	5.50
California	6.34	(D)	(D)
Colorado	4.37	4.25	4.35
Idaho	5.17	5.08	5.19
Illinois	5.19	(D)	5.25
Indiana	5.08	5.44	5.26
Kansas	4.71	4.47	4.25
Michigan	5.26	5.55	5.19
Minnesota	4.58	3.90	4.27
Missouri	5.47	5.86	5.19
Montana	4.69	4.88	4.66
Nebraska	4.15	4.40	4.20
North Carolina	5.26	4.59	4.47
North Dakota	4.80	4.53	4.63
Ohio	5.31	4.97	5.07
Oklahoma	4.59	4.69	4.26
Oregon	5.64	5.79	(D)
South Dakota	4.87	4.52	4.60
Texas	4.55	4.74	4.52
Washington	5.58	5.76	5.68
United States	4.81	4.76	4.56

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

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

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	5.24	(D)	5.50
California	6.22	(D)	(D)
Colorado	4.37	4.25	4.35
Idaho	5.13	5.06	5.13
Illinois	5.19	(D)	5.25
Indiana	5.08	5.44	5.26
Kansas	4.71	4.47	4.25
Michigan	5.26	5.55	5.19
Minnesota ¹	(S)	(NA)	(NA)
Missouri	5.47	5.86	5.19
Montana	4.63	4.94	4.63
Nebraska	4.15	4.40	4.20
North Carolina	5.26	4.59	4.47
North Dakota	4.49	(D)	4.34
Ohio	5.31	4.97	5.07
Oklahoma	4.59	4.69	4.26
Oregon	5.62	5.79	(D)
South Dakota	4.63	4.43	4.55
Texas	4.55	4.74	4.52
Washington	5.55	5.75	5.63
United States	4.77	4.84	4.44

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

(NA) Not available.

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

¹ Monthly estimates discontinued in September 2019.

Prices Received for Durum Wheat – States and United States: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
California	(D)	(S)	(D)
Idaho	(D)	(S)	(S)
Montana	(D)	(D)	5.50
North Dakota	4.90	5.22	5.47
United States	5.58	5.27	6.52

(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: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado ¹	(S)	(NA)	(NA)
Idaho	5.21	5.12	5.33
Minnesota	4.58	3.90	4.27
Montana	4.73	4.74	4.43
North Dakota	4.79	4.35	4.43
Oregon ¹	5.75	(NA)	(NA)
South Dakota	5.02	4.61	4.66
Washington	5.71	5.85	5.90
United States	4.79	4.50	4.47

(NA) Not available.

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

¹ Monthly estimates discontinued in September 2019.

Prices Received for Oats – States and United States: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(D)	(S)
Iowa	3.71	3.91	3.87
Michigan	(D)	(D)	4.10
Minnesota	3.41	2.73	2.90
Montana	(D)	(D)	(S)
Nebraska	(D)	3.64	3.49
New York	(D)	(S)	(D)
North Dakota	2.59	2.41	2.38
Oregon	(S)	(S)	(S)
Pennsylvania	4.27	4.50	3.79
South Dakota	3.25	2.90	2.99
Texas	(S)	(D)	(S)
Wisconsin	3.51	3.23	3.37
United States	3.31	3.10	3.16

(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: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(S)	(D)
Colorado	4.68	(D)	5.21
Idaho	5.29	5.14	5.21
Minnesota	(D)	(D)	(D)
Montana	4.21	3.77	3.71
North Dakota	4.45	3.80	3.90
Washington	(D)	5.19	(D)
Wyoming	(D)	(S)	(S)
United States	4.81	4.76	4.57

(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: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(S)	(S)	(S)
Colorado	4.68	(D)	5.21
Idaho	5.35	5.18	5.27
Minnesota	(D)	(D)	(D)
Montana	4.40	4.05	(D)
North Dakota	4.53	4.22	4.41
Washington	(D)	(D)	(D)
Wyoming	(D)	(S)	(S)
United States	4.88	4.98	4.95

(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: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D)	(S)	(D)
Colorado	(S)	(S)	(S)
Idaho	3.65	3.55	3.55
Minnesota	(S)	(S)	(S)
Montana	2.98	2.69	(D)
North Dakota	3.36	3.19	3.21
Washington	3.70	3.13	(D)
Wyoming	(S)	(S)	(S)
United States	4.32	3.20	3.24

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

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

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

State	June 2019	May 2020	June 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas ¹	(S)	(NA)	(NA)
Kansas	6.11	5.86	6.14
Louisiana ¹	(S)	(NA)	(NA)
Missouri ¹	6.90	(NA)	(NA)
Nebraska	6.21	5.66	5.00
Oklahoma	6.87	5.82	5.79
Texas	7.36	6.82	6.99
United States	6.48	5.92	6.45

(NA) Not available.

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

¹ Monthly estimates discontinued in September 2019.

Prices Received for Corn – States and United States: June 2020 with Comparisons

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	4.05	3.36	3.08
Illinois	4.01	3.23	3.17
Indiana	4.28	3.43	3.41
Iowa	3.95	3.12	3.11
Kansas	4.04	3.11	3.19
Kentucky	4.19	3.44	3.50
Michigan	4.31	3.50	3.31
Minnesota	3.74	3.09	3.07
Missouri	4.04	3.38	3.48
Nebraska	3.91	3.10	3.07
North Carolina	4.77	4.05	4.07
North Dakota	3.58	2.89	2.81
Ohio	4.28	3.46	3.54
Pennsylvania	4.53	3.74	3.87
South Dakota	3.80	2.80	2.89
Tennessee	4.22	3.13	3.12
Texas	4.46	3.46	3.76
Wisconsin	3.89	3.09	3.16
United States	3.98	3.20	3.16

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

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(D)	8.43	8.35
Illinois	8.58	8.40	8.48
Indiana	8.71	8.62	8.69
Iowa	8.28	8.28	8.28
Kansas	8.08	7.88	8.14
Kentucky	8.65	8.52	8.71
Louisiana	7.04	8.65	8.37
Michigan	8.42	8.59	8.80
Minnesota	8.27	8.17	8.23
Mississippi	7.66	8.11	8.39
Missouri	8.43	8.42	8.64
Nebraska	8.04	7.94	8.07
North Carolina	8.53	8.29	8.69
North Dakota	7.64	7.48	7.73
Ohio	8.53	8.72	8.82
South Dakota	7.92	7.88	7.93
Tennessee	8.62	8.44	8.57
Wisconsin	8.22	8.13	8.19
United States	8.31	8.28	8.34

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

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

State	June 2019	May 2020	June 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	(D)	(S)	(D)
Colorado	(D)	(D)	(D)
Idaho	21.80	(D)	(D)
Michigan	(D)	(D)	34.00
Minnesota	(S)	36.10	41.20
Nebraska	(D)	(D)	(D)
North Dakota	21.50	33.80	40.20
United States	22.90	34.50	40.60

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

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

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

State	June 2019	May 2020	June 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.204	0.203	0.203
Arkansas	0.217	0.190	0.210
Florida	0.204	0.203	0.202
Georgia	0.199	0.197	0.198
Mississippi	0.213	0.212	0.197
New Mexico	0.238	(S)	0.258
North Carolina	0.222	0.211	0.222
Oklahoma	0.214	0.235	0.240
South Carolina	0.203	0.211	0.212
Texas	0.330	0.323	0.242
Virginia	0.197	0.218	0.222
United States	0.215	0.211	0.207

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

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

State	June 2019	May 2020	June 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D)	(D)	(D)
Minnesota	(D)	18.90	19.90
North Dakota	19.90	20.90	21.20
South Dakota	16.90	20.50	22.30
United States	17.90	20.40	21.70

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

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

State	June 2019	May 2020	June 2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D)	(D)	(D)
Montana	14.20	(D)	11.50
North Dakota	15.30	14.20	15.50
Oklahoma	10.40	(D)	10.40
United States	14.90	14.20	15.20

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

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

State	June 2019	May 2020	June 2020
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	9.08	9.57	10.10
United States	9.08	9.57	10.10

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

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	June 2019	May 2020	June 2020	June 2019	May 2020	June 2020
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama	(D)	0.592	0.590	(NA)	(NA)	(NA)
Arizona	(D)	(S)	(S)	(NA)	(NA)	(NA)
Arkansas	(D)	(D)	(D)	(NA)	(NA)	(NA)
California	(D)	(D)	(S)	(NA)	(NA)	(NA)
Georgia	0.721	0.591	0.592	(NA)	(NA)	(NA)
Louisiana	(D)	(D)	(D)	(NA)	(NA)	(NA)
Mississippi	(D)	(D)	(D)	(NA)	(NA)	(NA)
North Carolina	(D)	0.544	0.567	(NA)	(NA)	(NA)
Tennessee	(D)	0.525	0.547	(NA)	(NA)	(NA)
Texas	0.560	0.515	0.521	(NA)	(NA)	(NA)
United States	0.682	0.550	0.565	(NA)	(NA)	(NA)

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

(NA) Not available.

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

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

Item	June 2019	May 2020	June 2020
Cotton, Upland			
Average pricedollars/pound	0.682	0.550	0.565
Marketings ¹1,000 bales	396	397	491
Rice, all			
Average price dollars/cwt	12.20	14.00	14.70
Marketings ² 1,000 cwt	12,634	8,222	7,730
Rice, long			
Average price dollars/cwt	10.70	12.90	13.40
Marketings ² 1,000 cwt	10,120	5,545	5,315
Rice, medium and short			
California			
Average price dollars/cwt	20.80	19.60	20.20
Other States ³			
Average price dollars/cwt	12.70	11.60	11.40
United States			
Average price dollars/cwt	18.30	16.40	17.60
Marketings ² 1,000 cwt	2,514	2,677	2,415

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

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

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

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

State	All hay			Alfalfa hay			Other hay		
	June 2019	May 2020	June 2020	June 2019	May 2020	June 2020	June 2019	May 2020	June 2020
	(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	220.00	190.00	185.00	220.00	190.00	185.00	200.00	185.00	185.00
California	188.00	184.00	181.00	200.00	195.00	190.00	150.00	145.00	150.00
Colorado	240.00	230.00	225.00	240.00	230.00	225.00	230.00	235.00	230.00
Idaho	160.00	149.00	158.00	160.00	150.00	160.00	160.00	140.00	135.00
Illinois	155.00	163.00	155.00	165.00	175.00	170.00	130.00	125.00	120.00
Iowa	138.00	116.00	106.00	141.00	123.00	113.00	130.00	103.00	87.00
Kansas	136.00	119.00	128.00	150.00	133.00	138.00	96.00	96.00	100.00
Kentucky	155.00	160.00	147.00	210.00	205.00	205.00	140.00	130.00	130.00
Michigan	183.00	150.00	160.00	195.00	165.00	170.00	130.00	110.00	120.00
Minnesota	181.00	133.00	130.00	192.00	147.00	146.00	152.00	88.00	89.00
Missouri	125.00	121.00	113.00	150.00	155.00	155.00	120.00	110.00	105.00
Montana	148.00	126.00	126.00	150.00	125.00	125.00	140.00	130.00	130.00
Nebraska	120.00	106.00	98.00	128.00	111.00	105.00	96.00	87.00	79.00
Nevada	170.00	180.00	185.00	170.00	180.00	185.00	180.00	175.00	180.00
New Mexico	229.00	216.00	212.00	240.00	225.00	220.00	170.00	170.00	170.00
New York	168.00	166.00	148.00	181.00	233.00	198.00	165.00	145.00	135.00
North Dakota	98.00	84.00	93.00	99.00	85.00	94.00	77.00	67.00	67.00
Ohio	181.00	171.00	178.00	215.00	195.00	200.00	130.00	140.00	140.00
Oklahoma	131.00	111.00	94.00	189.00	140.00	126.00	124.00	105.00	90.00
Oregon	200.00	190.00	180.00	200.00	200.00	200.00	200.00	160.00	160.00
Pennsylvania	194.00	169.00	177.00	231.00	251.00	228.00	185.00	160.00	165.00
South Dakota	108.00	97.00	95.00	110.00	102.00	97.00	94.00	79.00	80.00
Texas	149.00	149.00	141.00	193.00	179.00	169.00	133.00	133.00	131.00
Utah	185.00	170.00	174.00	185.00	170.00	175.00	150.00	125.00	115.00
Washington	202.00	175.00	215.00	195.00	175.00	207.00	220.00	175.00	235.00
Wisconsin	213.00	162.00	154.00	219.00	163.00	159.00	176.00	158.00	123.00
Wyoming	163.00	167.00	174.00	170.00	175.00	180.00	140.00	145.00	145.00
United States	177.00	164.00	162.00	193.00	179.00	179.00	146.00	131.00	128.00

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

State	June 2019	May 2020	June 2020
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	225.00	215.00	210.00
Idaho	190.00	160.00	170.00
Michigan	200.00	180.00	190.00
Minnesota	211.00	238.00	216.00
New York	246.00	266.00	260.00
Pennsylvania	296.00	350.00	290.00
Texas	235.00	218.00	205.00
Wisconsin	252.00	234.00	222.00
5-State Total ^{1 2}	217.00	211.00	201.00

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

² For May 2020, includes California, Idaho, New York, Texas, and Wisconsin. For June 2020, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization – United States: June 2019

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	(D)	14.86	(D)	(D)	11.95	(D)	(D)
Lemons	43.40	25.71	33.17	(D)	19.43	26.52	(D)
Oranges	25.50	10.54	15.21	8.21	7.56	12.35	5.17

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

Prices Received for Citrus Fruits by Utilization – United States: May 2020

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	(D)	14.57	(D)	(D)	11.87	(D)	(D)
Lemons	40.80	20.49	30.37	(D)	14.21	23.59	(D)
Oranges	32.60	15.98	22.16	13.11	12.97	19.24	10.06

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

Prices Received for Citrus Fruits by Utilization – United States: June 2020

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	(D)	16.34	(D)	(D)	13.41	(D)	(D)
Lemons	44.70	26.50	34.27	(D)	20.07	27.49	(D)
Oranges	35.60	19.10	25.27	(D)	16.15	22.37	(D)

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

Prices Received for All Milk – States and United States: June 2020 with Comparisons

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

State	June 2019		May 2020		June 2020	
	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)	Price (dollars per cwt)	Fat test (percent)
Arizona	17.80	3.68	12.60	3.69	15.60	3.69
California	18.10	3.84	13.20	3.82	18.70	3.80
Colorado	18.30	3.68	14.50	3.74	15.10	3.68
Florida	22.00	3.59	17.60	3.67	17.20	3.66
Georgia	19.40	3.58	16.00	3.67	15.70	3.65
Idaho	17.40	3.82	14.50	3.93	20.20	3.91
Illinois	18.00	3.81	13.10	3.90	17.50	3.78
Indiana	17.60	3.68	13.60	3.85	15.40	3.74
Iowa	18.40	3.84	14.80	3.98	20.70	3.92
Kansas	17.20	3.83	12.30	3.94	17.40	3.88
Michigan	16.90	3.70	12.10	3.78	14.80	3.68
Minnesota	18.30	3.89	14.70	4.02	21.20	3.93
New Mexico	16.60	3.65	11.60	3.65	16.50	3.66
New York	18.60	3.78	13.30	3.88	15.50	3.80
Ohio	18.10	3.79	14.70	3.88	16.90	3.76
Oregon	20.60	3.95	16.30	3.95	22.60	3.93
Pennsylvania	18.90	3.73	14.00	3.88	16.30	3.80
South Dakota	19.10	4.07	14.80	4.20	22.70	4.09
Texas	18.60	4.03	13.50	4.09	19.50	4.06
Utah	17.90	3.80	13.80	3.85	17.10	3.82
Vermont	19.00	3.86	13.90	3.93	16.30	3.84
Virginia	19.10	3.63	16.20	3.81	16.60	3.76
Washington	18.50	3.95	13.00	3.95	16.70	3.93
Wisconsin	17.90	3.78	13.60	3.87	19.50	3.77
United States	18.10	3.81	13.60	3.87	18.10	3.82

Prices Received for Milk Cows – States and United States: July 2020 with Comparisons

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

State	July 2019	April 2020	July 2020
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,350	1,350	1,450
California	1,300	1,300	1,350
Colorado	1,250	1,250	1,250
Florida	1,220	1,310	1,360
Georgia	1,260	1,310	1,270
Idaho	1,300	1,250	1,350
Illinois	1,200	1,200	1,310
Indiana	1,150	1,220	1,220
Iowa	1,180	1,170	1,260
Kansas	1,300	1,350	1,400
Michigan	1,250	1,300	1,320
Minnesota	1,100	1,100	1,160
New Mexico	1,250	1,350	1,400
New York	1,180	1,190	1,230
Ohio	1,050	1,170	1,170
Oregon	1,300	1,150	1,250
Pennsylvania	1,160	1,170	1,250
South Dakota	1,170	1,230	1,250
Texas	1,300	1,350	1,350
Utah	1,100	1,150	1,200
Vermont	1,250	1,300	1,260
Virginia	1,070	1,160	1,190
Washington	1,250	1,200	1,300
Wisconsin	1,210	1,250	1,350
United States	1,230	1,250	1,310

Commodity Parity Prices and Price as Percent of Parity Price – United States: June 2020 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agriculture's Agricultural Marketing Service]

Commodity and unit	Adjusted base price	Parity price			Price as percent of parity		
		June 2019	May 2020	June 2020	June 2019	May 2020	June 2020
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheatbushel	0.558	17.00	16.40	16.50	28	29	28
Ricecwt	1.30	40.00	38.00	38.40	31	37	38
Cornbushel	0.433	13.10	12.70	12.80	30	25	25
Cotton							
Upland pound	0.070	2.06	2.06	2.07	33	27	27
American Pima pound	0.135	4.18	4.12	3.99	28	27	28
Peanuts pound	0.023	0.686	0.677	0.679	31	31	30
Small chickpeas ¹cwt	2.40	72.20	70.70	70.80	27	22	17
Large chickpeas ¹cwt	3.11	97.30	91.90	91.80	21	19	22
Lentils ¹cwt	2.39	76.10	70.40	70.60	18	22	22
Designated non-basic							
All milk, to plants ²cwt	1.79	52.50	53.00	52.80	35	27	35
Honey, extracted ³ pound	0.191	5.55	5.62	5.64	40	35	35
Wool and mohair							
Wool pound	0.148	4.18	4.39	4.37	42	43	43
Mohair pound	0.457	12.70	13.50	13.50	41	47	47
Other non-basic							
Apples, fresh ⁴ pound	0.036	1.040	1.060	1.060	36	55	55
Barleybushel	0.495	15.00	14.60	14.60	32	33	31
Canolacwt	1.81	55.80	55.10	53.40	27	26	28
Cottonseedton	19.30	582.00	574.00	570.00	30	37	37
Dry edible beanscwt	3.10	95.20	91.60	91.50	24	38	44
Flaxseedbushel	1.09	32.50	32.10	32.20	28	30	31
Oatsbushel	0.290	8.59	8.54	8.56	39	36	37
Potatoes, freshcwt	1.06	31.90	31.50	31.30	38	41	39
Sorghum graincwt	0.735	22.10	21.70	21.70	29	27	30
Soybeansbushel	1.06	32.50	31.20	31.30	26	27	27
Sunflower, allcwt	2.07	62.70	60.90	61.10	29	33	36
Citrus (equivalent on-tree)							
Grapefruitbox	0.905	25.00	24.60	26.70	48	46	50
Lemonsbox	1.98	55.80	55.10	58.40	35	20	34
Orangesbox	1.050	30.10	29.70	31.00	25	37	52
Livestock and poultry							
Beef cattlecwt	11.90	349.00	350.00	351.00	33	31	31
Broilers pound	0.052	1.55	1.53	1.54	35	23	24
Calvescwt	17.30	507.00	509.00	511.00	29	30	29
Eggs ²dozen	0.101	3.04	2.97	2.98	27	36	28
Hogscwt	5.71	170.00	168.00	169.00	35	30	24
Turkeys, live pound	0.066	1.970	1.940	1.950	28	36	37

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

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

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

Commodity Parity Prices – United States: June 2020 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		June 2019	May 2020	June 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hopspound	0.422	12.10	12.40	12.50
Mustard seedcwt	3.07	94.00	92.70	90.60
Rapeseedcwt	2.55	78.80	77.70	75.30
Ryebushel	0.631	18.70	18.50	18.60
Safflowercwt	2.19	65.30	64.50	64.60
Spearmint oilpound	1.74	52.20	51.50	51.40
Sweet potatoescwt	2.01	61.50	59.20	59.30
Tobacco				
Flue-cured, 11-14pound	0.185	5.58	5.51	5.46
Fire-cured, 21-23pound	0.256	7.67	7.57	7.56
Burley, 31pound	0.183	5.49	5.42	5.40
Maryland, 32pound	0.174	5.16	5.09	5.14
Dark air-cured, 35-37pound	0.228	6.83	6.74	6.73
Pennsylvania seedleaf, 41pound	0.214	6.00	5.92	6.32
Non-citrus fruit				
Apples, processing ^{1 2} ton	20.80	606.00	598.00	614.00
Apricots				
Fresh ³ ton	127.00	3,820.00	3,770.00	3,750.00
Dried (California) ton	313.00	9,340.00	9,210.00	9,240.00
Avocados ^{2 3} ton	194.00	5,910.00	5,830.00	5,730.00
Cherries				
Sweet ton	212.00	6,270.00	6,180.00	6,260.00
Tart ²pound	0.029	0.895	0.883	0.856
Cranberry ^{2 4}barrel	3.38	106.00	105.00	99.80
Dates (California) ³ ton	206.00	5,490.00	5,420.00	6,080.00
Grapes (California)				
Raisin variety ⁵ ton	147.00	4,390.00	4,330.00	4,340.00
Wine, processing ton	78.50	2,260.00	2,230.00	2,320.00
Kiwifruit ² ton	117.00	3,130.00	3,090.00	3,450.00
Nectarines, fresh (California) ³ ton	81.10	2,340.00	2,310.00	2,390.00
Olives, canning (California) ⁴ ton	112.00	3,310.00	3,270.00	3,310.00

See footnote(s) at end of table.

--continued

Commodity Parity Prices – United States: June 2020 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		June 2019	May 2020	June 2020
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii)pound	0.042	1.34	1.32	1.24
Peaches				
Fresh ^{4 6} ton	106.00	3,070.00	3,030.00	3,130.00
Dried (California) ^{1 5} ton	43.30	1,290.00	1,270.00	1,280.00
Processing, excludes dried				
Clingstone (California) ⁴ ton	39.40	1,170.00	1,150.00	1,160.00
Pears, Fresh ⁶ ton	63.00	1,910.00	1,880.00	1,860.00
Plums (California) equivalent on-tree				
Fresh ⁷ ton	80.40	2,220.00	2,190.00	2,370.00
Prunes, dried (California) ^{1 2 5} ton	176.00	5,310.00	5,240.00	5,200.00
Strawberries				
Fresh ¹⁰pound	10.20	293.00	289.00	301.00
Processingpound	3.91	112.00	110.00	115.00
Sugar crops				
Sugarbeets ^{2 8} ton	4.91	152.00	145.00	145.00
Sugarcane ^{2 8} ton	3.49	104.00	103.00	103.00
Tree nuts ⁹				
Almondspound	0.258	7.55	7.45	7.62
Hazelnuts ton	237.00	7,070.00	6,980.00	7,000.00
Pistachiospound	0.250	7.28	7.18	7.38
Walnuts ton	237.00	7,040.00	6,950.00	7,000.00
Vegetables, fresh ¹⁰				
Carrots ¹¹cwt	2.64	84.10	83.00	77.90
Cauliflower ¹¹cwt	4.62	139.00	137.00	136.00
Celery ¹¹cwt	2.13	61.20	60.40	62.90
Honeydew melonscwt	2.07	60.90	60.10	61.10
Lettucecwt	2.74	75.20	74.20	80.90
Onions ¹¹cwt	1.44	42.10	41.50	42.50
Tomatoescwt	4.05	120.00	118.00	120.00

¹ Equivalent returns at processing plant door.

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

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

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

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

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

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

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

Marketing Year for Specified Commodities

Sugarbeets: September 1 to August 31 for United States and all estimating States. Estimating States are California, Colorado, Idaho, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, Washington, and Wyoming.

Sugarcane: October 1 to September 30 for United States and all estimating States. Estimating States are Florida, Louisiana, and Texas.

Prices Received for Sugar Crops, Market Year Average and Value of Production – United States: 2019

[Final prices and value of production by States will be published in "Crop Values" February 2021. Price per ton of cane for sugar used in evaluating value of production for seed]

	Sugarbeets ¹		Sugarcane ²		
	Price	Value of production	For sugar		Sugar and seed
			Price	Value of production	Value of production
	(dollars per ton)	(1,000 dollars)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)
United States	38.40	1,099,574	37.80	1,144,859	1,207,893

¹ Includes California, Colorado, Idaho, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, Washington, and Wyoming.

² Includes Florida, Louisiana, and Texas.

Parity Prices Overview

Parity prices based on data January and July 2020 and adjusted base price data from which parity prices are computed, are presented in the table on pages 26 through 31. Annual average prices for 2010 through 2019 for use in parity computations, and ten-year averages for 2009-2018 and 2010-2019 are shown on pages 32 through 41.

Parity Prices shown on the following pages 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 major provisions of the amended Act relating to the calculation of parity prices are as follows:

"(1) (A) The 'parity price' for any agricultural commodity, as of any date, shall be determined by multiplying the adjusted base price of such commodity as of such date by the parity index as of such date."

"(B) The 'adjusted base price' of any agricultural commodity, as of any date, shall be (i) the average of the prices received by farmers for such commodity, at such time as the Secretary may select during each year of the ten-year period ending on the 31st of December last before such date, or during each marketing season beginning in such period if the Secretary determines use of a calendar year basis to be impracticable, divided by (ii) the ratio of the general level of prices received by farmers for agricultural commodities during the period January 1910 to December 1914, inclusive."

"(C) The 'parity index', as of any date, shall be the ratio of (i) the general level of prices for articles and services that farmers buy, wages paid hired farm labor, interest on farm indebtedness secured by farm real estate, and taxes on farm real estate, for the calendar month ending last before such date to (ii) the general level of such prices, wages, rates, and taxes during the period January 1910 to December 1914, inclusive."

"(D) The prices and indexes provided for herein, and the data used in computing them, shall be determined by the Secretary, whose determination shall be final."

Section 301(a) (1) (F) outlines authority for the Secretary of Agriculture to make special adjustments in the method of computing parity prices for particular commodities if the method outlined in the Act results in parity prices seriously out of line with those of other commodities.

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 2020 it is the 2010-2019 average). 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.

The indexes used in the computation of parity prices are published currently in *Agricultural Prices*. For the purpose of illustrating the computation of parity prices, the calculation of the parity price for corn based on data for June 2020 is given below.

The 120-month, January 2010-December 2019 average of prices received by farmers for corn was \$4.46 per bushel, adjusted to allow for unredeemed loans and other supplemental payments resulting from price support operations. The 120-month average of the Index of Prices Received by Farmers, adjusted to include an allowance for unredeemed loans, etc., was 1031 (1910-1914=100). The adjusted base price is obtained by dividing \$4.46 by 10.31 (0.433). The adjusted base price when multiplied by 2952 percent, the Parity Index (1910-1914=100), results in the corn parity price of \$12.90 for June 2020.

Prices Received for Average Base Period – United States: January 1910-December 1914

Commodity and unit	Average Price
All wheat dollars/bushel	0.880
Rice rough dollars/cwt	1.81
Corn dollars/bushel	0.649
Oats dollars/bushel	0.399
All barley dollars/bushel	0.617
All hay, baled dollars/ton	11.90
Cotton, Upland cents/pound	11.92
Peanuts cents/pound	4.83
Cottonseed dollars/ton	21.80
Flaxseed dollars/bushel	1.68
Potatoes dollars/cwt	1.13
Sweet potatoes dollars/cwt	1.61
Dry edible beans dollars/cwt	3.39
All beef cattle dollars/cwt	5.52
Calves dollars/cwt	6.84
All hogs dollars/cwt	7.29
Lambs dollars/cwt	5.96
Sheep dollars/cwt	4.59
All milk dollars/cwt	1.61
All eggs cents/dozen	21.60
Turkeys, live cents/pound	14.30
Wool cents/pound	17.80

Parity Ratio

The parity ratio (the Index of Prices Received by Farmers for the products they sell divided by the Parity Index (1910-1914=100) provides an indication of the per unit purchasing power of farm commodities generally in terms of the goods and services currently bought by farmers, in relation to purchasing power of farm products in the 1910-1914 base period. Thus, a Parity Ratio less than 100 indicates that the average per unit purchasing power of all farm products is lower than during the 1910-1914 period.

The parity ratio is a measure of price relationships. The ratio is not a measure of farm income, farmers' total purchasing power, or farmers' welfare. The latter depends upon a number of factors other than price relationships, such as changes in production efficiency and technology, quantities of farm products sold, and supplementary income, including that from off-farm jobs and federal programs.

An adjusted parity ratio is computed and published which incorporates supplementary income for federal farm programs. A "preliminary adjusted parity ratio reflecting government payments" based on the forecast of direct government payments for the year is published each quarter in *Agricultural Prices*.

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Basic commodities		
All wheat ³ bushel	0.558	16.70
Rice ³cwt	1.30	38.50
Corn ³ bushel	0.433	12.90
Cotton		
Upland ³pound	0.070	2.09
American Pimapound	0.135	4.18
Peanutspound	0.023	0.686
Tobacco		
Flue-cured, 11-14pound	0.185	5.58
Fire-cured, 21-23pound	0.256	7.67
Burley, 31pound	0.183	5.49
Maryland, 32pound	0.174	5.16
Dark air-cured, 35-37pound	0.228	6.83
Pennsylvania seedleaf, 41pound	0.214	6.00
Small chickpeascwt	2.40	71.60
Large chickpeascwt	3.11	93.10
Lentilscwt	2.39	71.30
Soybeans ³ bushel	1.06	31.60
Designated nonbasic commodities		
All milk sold to plantscwt	1.79	53.70
Honey, wholesalepound	0.191	5.70
Wool and mohair		
Wool ³pound	0.148	4.45
Mohairpound	0.457	13.60
Other nonbasic commodities		
Field crops and miscellaneous		
All barley ³ bushel	0.495	14.80
Canolacwt	1.81	55.80
Cottonseed ton	19.30	582.00
Dry edible beanscwt	3.10	92.80
Flaxseed bushel	1.09	32.50
Hay, baled ton	15.10	451.00
Hopspound	0.422	12.60
Mustard seedcwt	3.07	94.00
Oats ³ bushel	0.290	8.65
Peppermint oil ³pound	2.08	63.00
Potatoes, freshcwt	1.06	31.90
Rapeseedcwt	2.55	78.80
Rye bushel	0.631	18.70
Safflowercwt	2.19	65.30
Sorghum grain ³cwt	0.735	22.00
Spearmint oilpound	1.74	52.20
Sunflowercwt	2.07	61.80
Sweet potatoescwt	2.01	60.00

See footnote(s) at end of table.

--continued

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020 (continued)

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Citrus (equivalent on-tree)		
Grapefruit ⁴box	0.905	25.00
Lemons ⁴box	1.98	55.80
Oranges ⁴box	1.050	30.10
Tangerines ⁴box	2.01	58.20
Deciduous and other fruit		
Apples		
Fresh ⁶ pound	0.036	1.070
Processing ⁴ton	20.80	606.00
Apricots		
Freshton	127.00	3,820.00
Processing		
Allton	49.70	1,450.00
Avocados ⁴ton	194.00	5,910.00
Cherries		
Sweetton	212.00	6,270.00
Tart ⁴ pound	0.029	0.895
Cranberries ⁴ barrel	3.38	106.00
Dates (California) ⁷ton	206.00	5,490.00
Grapes		
Wine, processing (California)ton	78.50	2,260.00
Kiwifruit ⁴ton	117.00	3,130.00
Nectarines (California)		
Fresh ⁷ton	81.10	2,340.00
Olives (California) ⁹		
Processing		
Crushed for oilton	61.50	1,810.00
Excluding crushedton	98.00	2,960.00
Cannington	112.00	3,310.00
Papayas (Hawaii), fresh pound	0.042	1.340
Peaches		
Fresh ^{6,9}ton	106.00	3,070.00
Pears		
Fresh ⁶ton	63.00	1,910.00

See footnote(s) at end of table.

--continued

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020 (continued)

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Deciduous and other fruit, continued		
Plums (California) equiv on-tree		
Fresh ¹⁰ ton	80.40	2,220.00
Processing ton	22.50	480.00
Prunes, dried (California) ^{4 5} ton	176.00	5,310.00
Strawberries		
Fresh ¹⁰ pound	10.200	293.00
Processing pound	3.910	112.00
Sugar crops		
Sugarbeets ^{4 12} ton	4.91	145.00
Sugarcane ^{4 12} ton	3.49	103.00
Tree nuts ¹³		
Almonds pound	0.258	7.55
Hazelnuts ton	237.00	7,070.00
Pecans, all ton	402.00	11,860.00
Pistachio, all pound	0.250	7.28
Walnuts ton	237.00	7,040.00
Vegetables, fresh ¹¹		
Asparagus cwt	12.00	349.00
Broccoli ¹⁴ cwt	4.05	119.00
Carrots ¹⁴ cwt	2.64	84.10
Cauliflower ¹⁴ cwt	4.62	139.00
Celery ¹⁴ cwt	2.13	61.20
Honeydew melons cwt	2.07	60.90
Lettuce cwt	2.74	75.20
Onions ¹⁴ cwt	1.44	42.10
Sweet corn cwt	2.71	82.10
Tomatoes cwt	4.05	120.00
Vegetables, processing ⁸		
Asparagus ton	151.00	4,510.00
Green peas ton	31.60	976.00
Snap beans ton	21.70	659.00
Sweet corn ton	9.80	301.00
Tomatoes ton	8.14	248.00
Livestock and products		
Beef cattle cwt	11.90	355.00
Broilers pound	0.052	1.55
Calves cwt	17.30	516.00
Eggs dozen	0.101	3.01
Hogs cwt	5.71	171.00
Turkeys pound	0.066	1.97

See footnote(s) at end of table.

--continued

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020 (continued)

Commodity and unit	Adjusted base price ¹ (dollars)	Parity price ² (dollars)
Discontinued nonbasic commodities ¹⁵		
Field crops and miscellaneous		
Crude pine gum barrel	13.90	415.00
Dry field peas cwt	1.89	56.40
Popcorn cwt	1.81	54.00
Citrus (equiv on-tree)		
Temples box	0.372	11.10
Deciduous and other fruit		
Apricots, processing		
Dried (California) ⁵ ton	313.00	9,340.00
Berries, processing		
Blackberries pound	0.620	18.50
Black raspberries pound	0.106	3.16
Boysenberries/youngberries pound	0.088	2.63
Gooseberries pound	0.037	1.10
Loganberries pound	0.060	1.79
Red raspberries pound	0.084	2.51
Grapes		
Raisin varieties, dried (California) ⁵ ton	147.00	4,390.00
Excluding raisin variety, dried ton	65.50	1,950.00
Peaches, processing		
Dried (California) ^{8 5} ton	43.30	1,290.00
Excluding dried		
Clingstone (California) ⁹ ton	39.40	1,170.00
Freestone ⁸ ton	33.80	997.00
Nectarines, processing ¹⁷ ton	4.21	126.00
Pears, processing		
Dried ton	171.00	5,100.00
Excluding dried ⁸ ton	23.40	880.00
Prunes and Plums, fresh ¹⁶ ton	61.20	1,830.00
Prunes and Plums, processing ¹⁶ ton	23.80	710.00
Vegetables, fresh		
Artichokes cwt	4.55	136.00
Cabbage cwt	1.38	41.20
Cantaloupes cwt	2.13	63.60
Cucumbers cwt	2.28	68.00
Eggplant cwt	2.41	71.90
Escarole cwt	3.10	92.50
Garlic cwt	2.93	87.40
Green peppers cwt	3.60	107.00
Snap beans cwt	4.51	135.00
Spinach cwt	3.95	118.00
Watermelon cwt	0.846	25.20
Vegetables, processing		
Beets ton	7.79	232.00
Cabbage ton	6.01	179.00
Lima beans ton	67.00	2,000.00
Spinach ton	14.50	433.00

See footnote(s) at end of table.

--continued

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020 (continued)

Commodity and unit	Adjusted base price ¹	Parity price ²
	(dollars)	(dollars)
Discontinued nonbasic commodities ¹⁵		
Tobacco		
Virginia fire-cured, 21pound	0.254	7.58
Kentucky-Tennessee fire-cured, 22-23pound	0.319	9.52
Dark air-cured, 35-36pound	0.282	8.41
Sun-cured, 37pound	0.235	7.01
Cigar filler & binder 42-44, 54-55pound	0.222	6.62
Puerto Rican filler, 46pound	0.155	4.63
Cigar binder, 51 ¹⁶pound	0.629	18.80
Cigar wrapper, 61 ¹⁶pound	2.430	72.50
Tobacco, 62 ¹⁷pound	3.300	98.50
Seed crops		
Alfalfacwt	19.300	576.00
Bentgrasscwt	18.900	564.00
Chewings fescuecwt	10.000	298.00
Crimson clovercwt	8.400	251.00
Hairy vetchcwt	5.810	173.00
Ladino clovercwt	24.700	737.00
Lespedezacwt	8.310	248.00
Merion Kentucky bluegrasscwt	22.000	656.00
Orchardgrasscwt	7.160	214.00
Red clovercwt	12.000	358.00
Red fescuecwt	10.100	301.00
Tall fescuecwt	3.670	110.00
Timothycwt	6.400	191.00
Livestock and products		
Beeswaxpound	0.291	8.68
Lambscwt	11.700	349.00
Sheepcwt	4.380	131.00

See footnote(s) at end of table.

--continued

Prices Received Adjusted Base Prices and Parity Prices – United States: January 2020 (continued)

(NA) Not available.

- 1/ Adjusted base price 1910-1914 derived by dividing the average of 10 season average prices 2010-2019, including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations, by 1031 percent (120-month, January 2010-December 2019 average of the index of prices received by farmers adjusted to include an allowance for unredeemed loans and other supplemental payments) unless otherwise noted.
- 2/ Legal applicable parity prices for the following calendar month.
- 3/ Adjusted base price 1910-1914 derived from 120-month, January 2010-December 2019 average including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations.
- 4/ The latest marketing year average prices are not available until the June Non-citrus Fruit and Nut report is released. Therefore, the adjusted base prices are carried forward until July, except citrus items (excluding limes) and cranberries.
- 5/ Dried basis.
- 6/ Prices are equivalent packinghouse-door returns for California, Michigan, New York (apples only), and Washington (apples, peaches, and pears). Prices "as sold" for other states.
- 7/ Equivalent returns at packinghouse-door.
- 8/ Equivalent returns at processing plant door.
- 9/ Equivalent returns for bulk fruit at first delivery point.
- 10/ Based on 'as sold' prices for fresh fruit in all states.
- 11/ Prices are average FOB shipping point.
- 12/ 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.
- 13/ Prices on in-shell basis except almonds which are on shelled basis.
- 14/ Includes some processing.
- 15/ Monthly and/or season average prices are no longer estimated for these items. Therefore, the adjusted base price is brought forward from July 1986.
- 16/ Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 2016
- 17/ Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 1988.
- 18/ Processing prices combined with fresh beginning in 2002.

Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Simple average of monthly prices]

Commodity and unit	2010	2011	2012	2013	2014	2015	2016
Prices received index, 1910-1914=100 percent	850	1,032	1,083	1,104	1,113	1,024	931
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic commodities							
Cornbushel	3.83	6.02	6.67	6.15	4.11	3.71	3.48
Cotton, Upland pound	0.710	0.880	0.795	0.772	0.749	0.619	0.648
All wheatbushel	5.12	7.44	7.60	7.32	6.33	5.28	4.11
Peanuts pound	0.212	0.252	0.339	0.267	0.226	0.210	0.193
Ricecwt	13.20	13.70	14.50	15.70	15.60	12.50	11.50
Small chickpeas cwt	22.80	23.40	30.50	25.50	21.60	21.60	26.90
Large chickpeascwt	28.50	39.20	41.20	34.90	28.80	29.10	32.50
Lentilscwt	26.60	27.50	21.80	21.10	21.10	28.60	33.50
Designated nonbasic commodities							
All milkcwt	16.30	20.10	18.50	20.10	24.00	17.10	16.30
Other nonbasic commodities							
Field crops and miscellaneous							
All barleybushel	4.00	4.79	5.98	6.26	5.65	5.24	5.17
All dry beanscwt	27.90	34.60	42.40	38.40	35.80	29.90	28.90
Flaxseedbushel	10.20	14.20	13.60	14.30	13.20	10.60	8.01
All hay, baledton	110.00	159.00	184.00	183.00	175.00	151.00	132.00
Oatsbushel	2.37	3.42	3.80	3.92	3.54	2.54	2.07
Sorghumcwt	6.50	10.70	11.10	9.97	7.41	7.29	5.38
Soybeansbushel	9.97	12.50	14.00	14.10	12.50	9.49	9.39
All sunflowercwt	16.80	29.10	27.80	23.50	21.60	22.50	19.10
Fruit							
Apples, fresh ² pound	0.262	0.325	0.411	0.408	0.376	0.319	0.427
Livestock and products							
Beef cattlecwt	92.00	113.00	122.00	125.00	153.00	148.00	120.00
Broilers pound	0.492	0.459	0.511	0.604	0.638	0.529	0.478
Calvescwt	121.00	142.00	173.00	174.00	255.00	263.00	163.00
Eggsdozen	0.857	0.968	0.998	1.090	1.250	1.640	0.769
All hogscwt	55.10	66.50	64.20	67.20	77.10	53.50	49.60
Turkeys pound	0.612	0.680	0.719	0.665	0.732	0.811	0.825

See footnote(s) at end of table.

--continued

Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Simple average of monthly prices]

Commodity and unit	2017	2018	2019	2009-2018 Average	2010-2019 Average
					For parity purposes ¹
Prices received index, 1910-1914=100percent	965	934	937	987	1,031
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic commodities					
Cornbushel	3.36	3.47	3.75	4.46	4.46
Cotton, Uplandpound	0.682	0.711	0.653	0.706	0.722
All wheatbushel	4.44	5.14	4.74	5.81	5.75
Peanutspound	0.210	0.224	0.206	0.238	0.234
Ricecwt	11.20	13.10	12.50	13.60	13.40
Small chickpeascwt	27.40	26.50	21.10	24.60	24.70
Large chickpeascwt	34.70	32.10	19.70	33.20	32.10
Lentilscwt	28.70	21.70	15.10	26.00	24.60
Designated nonbasic commodities					
All milkcwt	17.70	16.30	18.60	17.90	18.50
Other nonbasic commodities					
Field crops and miscellaneous					
All barleybushel	4.68	4.52	4.70	5.11	5.10
All dry beanscwt	29.70	26.00	26.00	32.50	32.00
Flaxseedbushel	8.75	9.92	9.31	11.10	11.20
All hay, baledton	137.00	159.00	169.00	151.00	156.00
Oatsbushel	2.51	2.79	2.93	2.93	2.99
Sorghumcwt	5.44	6.12	5.92	7.55	7.58
Soybeansbushel	9.39	9.15	8.43	11.10	10.90
All sunflowercwt	17.50	17.30	17.80	21.40	21.30
Fruit					
Apples, fresh ²pound	0.403	0.351	0.386	0.352	0.367
Livestock and products					
Beef cattlecwt	120.00	116.00	116.00	119.00	123.00
Broilerspound	0.546	0.569	0.482	0.528	0.531
Calvescwt	165.00	168.00	157.00	173.00	178.00
Eggsdozen	0.863	1.150	0.797	1.040	1.040
All hogscwt	53.60	49.90	51.90	57.90	58.90
Turkeyspound	0.645	0.510	0.579	0.670	0.678

¹ Includes an allowance for price support operations as authorized by the Secretary of Agriculture, January 30, 1956. This entry is omitted for commodities not affected by the adjustment.

² Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2010	2011	2012	2013	2014	2015
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pima	1.790	1.450	1.240	1.720	1.550	1.180
Tobacco						
Flue-cured 11-14	1.690	1.682	1.983	2.115	2.026	1.874
Fire-cured 21-23	2.467	2.557	2.578	2.625	2.673	2.683
Burley 31	1.549	1.751	1.968	2.061	1.942	1.929
Maryland 32	1.550	1.550	1.750	1.900	1.950	1.800
Dark air-cured 35-37	2.242	2.278	2.287	2.352	2.380	2.366
Pennsylvania seedleaf, 41	1.750	1.700	1.950	2.100	2.100	2.200
Designated nonbasic commodities						
Honey	1.619	1.765	1.992	2.141	2.173	2.083
Wool and mohair ¹						
Wool	1.150	1.670	1.520	1.450	1.460	1.450
Mohair	3.49	4.16	3.89	4.23	4.85	5.30
Other nonbasic commodities						
Field crops and miscellaneous						
Canola	19.30	24.00	26.50	20.60	16.90	15.60
Cottonseed	161.00	260.00	252.00	246.00	194.00	227.00
Hops	3.28	3.14	3.17	3.35	3.67	4.38
Mustard seed	25.90	33.60	35.80	37.20	34.80	31.80
Peppermint oil	20.30	23.10	24.10	23.80	22.90	21.80
Potatoes, fresh	12.71	12.82	9.16	12.83	10.16	9.85
Rapeseed	23.40	27.00	26.10	25.10	34.90	43.20
Rye	5.18	7.81	7.69	7.95	7.74	6.50
Safflower	17.20	24.40	27.60	27.90	25.00	24.50
Spearmint oil	16.20	18.60	19.50	19.10	19.80	18.30
Sweet potatoes	19.80	18.80	17.40	24.10	23.90	21.80

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2016	2017	2018	2019	Ten-year Average	
					2009-2018 Period	2010-2019 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pima pound	1.370	1.390	1.150	1.099	1.400	1.390
Tobacco						
Flue-cured 11-14 pound	1.960	2.004	1.933	1.876	1.900	1.910
Fire-cured 21-23 pound	2.697	2.696	2.724	2.728	2.620	2.640
Burley 31 pound	1.923	1.935	1.960	1.894	1.870	1.890
Maryland 32 pound	1.860	1.800	1.800	1.890	1.760	1.790
Dark air-cured 35-37 pound	2.390	2.398	2.403	2.419	2.330	2.350
Pennsylvania seedleaf, 41 pound	2.470	2.360	2.140	3.370	2.050	2.210
Designated nonbasic commodities						
Honey pound	2.119	2.156	(NA)	(NA)	(NA)	(NA)
Wool and mohair ¹						
Wool pound	1.450	1.480	1.750	1.890	1.420	1.530
Mohair pound	4.56	4.95	5.25	6.37	4.33	4.71
Other nonbasic commodities						
Field crops and miscellaneous						
Canola cwt	16.60	17.50	15.80	14.50	18.90	18.70
Cottonseed ton	195.00	142.00	155.00	159.00	199.00	199.00
Hops pound	5.72	5.60	5.46	5.68	4.13	4.35
Mustard seed cwt	32.70	30.10	28.60	26.30	32.10	31.70
Peppermint oil pound	20.90	18.30	19.80	19.30	21.50	21.40
Potatoes, fresh cwt	10.60	11.95	10.74	(NA)	11.30	(NA)
Rapeseed cwt	25.20	19.20	18.50	20.10	26.90	26.30
Rye bushel	5.12	4.70	6.27	6.11	6.40	6.51
Safflower cwt	20.70	18.60	20.30	19.70	22.30	22.60
Spearmint oil pound	17.30	16.20	16.80	16.90	17.80	17.90
Sweet potatoes cwt	20.70	18.40	23.20	18.50	21.00	20.70

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2010	2011	2012	2013	2014	2015
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruitbox	7.28	7.09	7.65	6.51	7.25	7.44
Lemonsbox	11.29	10.93	15.13	12.05	25.40	25.10
Orangesbox	7.67	8.31	10.14	8.27	11.64	10.60
Tangerinesbox	14.69	17.74	19.16	22.45	27.96	18.85
Deciduous and other fruit						
Apples ³						
Processington	187.00	226.00	281.00	197.00	178.00	201.00
Apricots						
Fresh ⁴ton	1,350.00	1,050.00	1,140.00	1,190.00	1,360.00	1,580.00
Processing ³						
Allton	368.00	357.00	387.00	415.00	462.00	594.00
Avocadoston	2,750.00	1,540.00	(NA)	1,980.00	1,890.00	1,900.00
Cherries						
Sweetton	2,330.00	2,530.00	2,020.00	2,610.00	2,140.00	2,250.00
Tartpound	0.222	0.300	0.594	0.359	0.355	0.347
Cranberriesbarrel	43.90	44.80	47.90	32.40	30.90	31.00
Dateston	1,270.00	1,320.00	1,340.00	1,220.00	1,510.00	1,560.00
Grapes						
Wine, processing (California)ton	574.00	637.00	773.00	753.00	759.00	781.00
Kiwifruit ⁶ton	768.00	775.00	1,020.00	1,110.00	1,190.00	1,470.00
Nectarines						
Fresh ^{6 7}ton	553.00	582.00	767.00	837.00	906.00	945.00
Olives (California)						
Processing ⁸						
Crushed for oilton	532.00	556.00	550.00	582.00	614.00	723.00
Excluding crushedton	692.00	987.00	1,040.00	1,000.00	1,020.00	1,120.00
Canning ⁸ton	862.00	1,060.00	1,110.00	1,110.00	1,170.00	1,300.00

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2016	2017	2018	2019	Ten-year Average	
					2009-2018 Period	2010-2019 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruit box	10.64	12.48	14.24	12.67	8.50	9.33
Lemons box	27.44	28.50	26.03	22.11	19.00	20.40
Oranges box	10.56	13.32	16.86	10.76	10.40	10.80
Tangerines box	17.70	18.76	25.39	24.48	19.70	20.70
Deciduous and other fruit						
Apples ³						
Processing ton	214.00	248.00	207.00	199.00	207.00	214.00
Apricots						
Fresh ⁴ ton	1,200.00	1,400.00	1,540.00	1,330.00	1,300.00	1,310.00
Processing ³						
All ton	653.00	580.00	735.00	571.00	492.00	512.00
Avocados ton	2,720.00	2,100.00	2,180.00	2,960.00	(NA)	(NA)
Cherries						
Sweet ton	2,250.00	2,060.00	1,860.00	1,890.00	2,140.00	2,190.00
Tart pound	0.274	0.224	0.196	0.151	0.306	0.302
Cranberries barrel	30.60	30.20	27.80	28.70	36.40	34.80
Dates ton	2,020.00	3,510.00	3,800.00	3,650.00	1,870.00	2,120.00
Grapes						
Wine, processing (California) ton	905.00	927.00	1,010.00	971.00	773.00	809.00
Kiwifruit ⁶ ton	1,570.00	1,050.00	1,470.00	1,680.00	1,130.00	1,210.00
Nectarines						
Fresh ⁶ ton	914.00	943.00	(D)	(D)	799.00	836.00
Olives (California)						
Processing ⁸						
Crushed for oil ton	706.00	810.00	566.00	698.00	618.00	634.00
Excluding crushed ton	1,080.00	1,160.00	1,170.00	874.00	1,010.00	(NA)
Canning ⁹ ton	1,213.00	1,320.00	1,270.00	1,040.00	1,130.00	1,150.00

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2010	2011	2012	2013	2014	2015
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii) pound	0.380	0.350	(NA)	0.360	0.490	(D)
Peaches						
Fresh ⁴ton	788.00	825.00	967.00	958.00	1,190.00	1,100.00
Pears						
Fresh ⁹ton	599.00	451.00	656.00	599.00	703.00	769.00
Plums (California)						
Freshton	(D)	(D)	(D)	(D)	(D)	(D)
Processington	(D)	(D)	(D)	(D)	(D)	(D)
Prunes, dried (California) ³ton	1,350.00	1,310.00	1,330.00	2,000.00	2,470.00	2,050.00
Strawberries						
Fresh ^{10 11} pound	0.908	0.940	0.918	0.965	1.050	0.799
Processing cwt	29.200	34.800	33.400	34.900	42.600	46.700
Sugar crops ¹²						
Sugarbeetston	66.90	69.40	66.40	46.60	46.00	47.20
Sugarcane for sugarton	41.70	47.20	41.90	31.40	34.70	31.20

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2016	2017	2018	2019	Ten-year Average	
					2009-2018 Period	2010-2019 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii)pound	(D)	(D)	0.730	(D)	(NA)	(NA)
Peaches Fresh ⁴ton	1,220.00	1,350.00	1,250.00	1,300.00	1,050.00	1,090.00
Pears Fresh ⁹ton	776.00	875.00	(D)	466.00	650.00	650.00
Plums (California) Freshton	(D)	(D)	(D)	1,230.00	758.00	829.00
Processington	(D)	(D)	(D)	415.00	203.00	232.00
Prunes, dried (California) ³ton	2,180.00	1,980.00	1,910.00	1,510.00	1,780.00	1,810.00
Strawberries Fresh ^{10 11}pound	1.270	1.250	1.060	1.290	1.000	1.050
Processingcwt	47.600	37.200	43.600	52.800	38.100	40.300
Sugar crops ¹² Sugarbeetston	35.70	41.20	35.50	38.40	51.90	50.60
Sugarcane for sugarton	31.20	32.60	31.00	33.40	35.60	36.00

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2010	2011	2012	2013	2014	2015
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts ¹³						
Almonds pound	1.79	1.99	2.58	3.21	4.00	3.13
Hazelnuts ton	2,410.00	2,330.00	1,830.00	2,680.00	3,600.00	2,800.00
Pecans, all pound	2.300	2.430	1.570	1.730	1.960	2.200
Pistachio, all pound	2.22	1.98	2.61	3.48	3.57	3.29
Walnuts ton	2,040.00	2,900.00	3,030.00	3,710.00	3,340.00	1,670.00
Mushrooms, all pound	1.17	1.18	1.22	1.24	1.24	1.28
Vegetables, fresh ¹⁰						
Asparagus cwt	122.00	122.00	117.00	131.00	106.00	116.00
Broccoli cwt	37.60	35.40	33.80	43.20	40.70	49.10
Carrots cwt	26.60	32.50	26.60	28.60	27.10	30.50
Cauliflower cwt	41.80	46.80	35.90	44.50	50.10	61.50
Celery ¹⁴ cwt	18.60	19.70	18.20	25.80	17.10	24.80
Honeydew melons cwt	15.50	22.10	20.70	20.90	23.70	22.60
Lettuce, head cwt	21.10	23.00	17.70	26.70	24.40	29.10
Onions ¹⁴ cwt	15.60	10.90	14.20	15.00	13.60	15.50
Sweet corn cwt	25.90	26.70	26.30	28.20	28.70	28.20
Tomatoes cwt	48.20	36.10	30.50	44.60	41.50	46.30
Vegetables, processing ³						
Asparagus ton	1,360.00	1,510.00	1,570.00	1,570.00	1,530.00	1,650.00
Green peas ton	287.00	416.00	434.00	427.00	367.00	320.00
Snap beans ton	192.00	235.00	271.00	320.00	250.00	233.00
Sweet corn ton	85.30	116.00	127.00	140.00	113.00	103.00
Tomatoes ton	72.50	75.60	76.70	90.10	99.30	93.70

See footnote(s) at end of table.

--continued

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2010-2019 (continued)

[Average used to compute "adjusted base prices". Averages for 2019 and 2010-2019 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2016	2017	2018	2019	Ten-year Average	
					2009-2018 Period	2010-2019 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts ¹³						
Almondspound	2.39	2.53	2.50	2.43	2.58	2.66
Hazelnuts ton	2,700.00	2,300.00	1,800.00	1,920.00	2,410.00	2,440.00
Pecans, allpound	2.590	2.330	1.750	1.840	2.030	2.070
Pistachio, allpound	1.68	1.69	2.65	2.62	2.48	2.58
Walnuts ton	1,850.00	2,490.00	1,350.00	1,970.00	2,410.00	2,440.00
Mushrooms, allpound	1.26	1.31	1.34	1.34	1.24	1.26
Vegetables, fresh ¹⁰						
Asparaguscwt	117.00	132.00	122.00	151.00	119.00	124.00
Broccolicwt	38.20	46.00	43.10	51.30	40.70	41.80
Carrotscwt	32.10	30.20	18.40	19.80	27.80	27.20
Cauliflowercwt	55.90	46.80	46.00	46.30	47.40	47.60
Celery ¹⁴cwt	18.50	20.50	25.90	(D)	20.90	22.00
Honeydew melonscwt	19.10	28.00	19.60	20.90	20.80	21.30
Lettuce, headcwt	26.70	35.90	30.10	47.30	25.70	28.20
Onions ¹⁴cwt	16.50	14.40	15.00	17.50	14.60	14.80
Sweet corncwt	28.40	29.20	29.30	28.50	28.00	27.90
Tomatoescwt	42.30	36.80	41.60	49.60	40.80	41.80
Vegetables, processing ³						
Asparagus ton	1,680.00	1,570.00	1,580.00	1,610.00	1,540.00	1,560.00
Green peas ton	254.00	250.00	251.00	251.00	333.00	326.00
Snap beans ton	191.00	188.00	182.00	173.00	225.00	224.00
Sweet corn ton	87.40	78.50	79.70	75.80	103.00	101.00
Tomatoes ton	87.30	82.70	81.50	80.00	84.70	83.90

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

(NA) Not available.

¹ Average local market price; does not include incentive payment per pound, the 2009-2018 and 2010-2019 averages for parity purposes include this allowance.

² Consistent with legislation quoted in this report, citrus prices shown for 2019 relate to the citrus crop designated as 2018-2019 in the production reports.

³ Equivalent returns at processing plant door.

⁴ Based on "as sold" prices for fresh fruit in all states.

⁵ Dried basis.

⁶ Equivalent returns at packinghouse-door. Includes some processing beginning in 2002.

⁷ Processed estimates discontinued in 2009.

⁸ Equivalent returns for bulk fruit at first delivery point.

⁹ Equivalent packinghouse-door returns for California, New York (applies only starting in 1985), Oregon (except peaches), and Washington. Prices "as sold" for other states.

¹⁰ Average F.O.B. shipping point prices.

¹¹ Includes strawberries for processing in states where the processing crop is not estimated separately.

¹² Prices include average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

¹³ Prices on in-shell basis except almonds which are on shelled basis.

¹⁴ Includes some processing.

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.

June Prices Paid by Farmers

The June Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 109.1, is up 0.3 percent from May 2020 but down 1.2 percent from June 2019.

Production: The June index, at 104.7, is up 0.3 percent from May but down 2.3 percent from last year. Higher prices for LP gas, feeder cattle, other services, and gasoline more than offset lower prices for feeder pigs, complete feeds, nitrogen, and hay and forages.

Feed: At 101.2, the June index decreased 0.7 percent from May and 3.2 percent from last year. Since May, the prices for complete feeds, hay and forages, and concentrates are lower than the previous month.

Livestock and poultry: The June index, at 90.6, increased 0.2 percent from May but decreased 7.3 percent from last year. Since May, higher prices for feeder cattle more than offset lower prices for feeder pigs. The June feeder cattle price, at \$132.00 per cwt, is up \$2.00 per cwt from the May price. The June feeder pigs price, at \$33.00 per cwt, is down \$12.00 per cwt from last month.

Fertilizer: The index for June, at 73.1, is down 0.9 percent from May but 3.1 percent above June a year ago. Since May, higher prices for potash and phosphate and mixed fertilizer more than offset lower prices for nitrogen.

Chemicals: The June index, at 95.8, is up 1.3 percent from May but down 8.2 percent from last June.

Fuels: At 70.6, the June index is up 7.3 percent from May but down 2.2 percent from June 2019. Compared with May, prices are higher for LP gas, gasoline, and diesel.

Machinery: The index for June, at 124.0, increased 0.5 percent from May but decreased 0.5 percent from last June. Compared with last month, prices are higher for other machinery and self-propelled machinery.

Consumer Price Index: The June 2020 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 0.6 percent over the last 12 months to an index level of 257.797 (1982-1984=100). For the month, the index increased 0.5 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios – United States: June 2020 with Comparisons

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

Index Group and Ratios	1910-1914 Base			2011 Base		
	June 2019	May 2020	June 2020	June 2019	May 2020	June 2020
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW)	2989	2945	2952	110.4	108.8	109.1
Production	2231	2173	2179	107.2	104.4	104.7
Feed	1152	1123	1116	104.5	101.9	101.2
Livestock and poultry	1929	1784	1789	97.7	90.4	90.6
Seeds	3800	3723	3723	115.6	113.3	113.3
Fertilizer	854	889	880	70.9	73.8	73.1
Chemicals	938	849	861	104.4	94.6	95.8
Fuels	2020	1840	1974	72.2	65.8	70.6
Supplies and repairs	1351	1367	1365	114.5	115.9	115.7
Autos and trucks	3263	3265	3260	106.2	106.2	106.1
Machinery	7612	7541	7578	124.6	123.4	124.0
Building materials	2746	2766	2776	118.0	118.9	119.3
Services and rent	2486	2472	2480	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	117.4	115.6	116.2
Rent	(NA)	(NA)	(NA)	116.5	117.8	117.8
Interest ¹	4205	4307	4307	115.3	118.1	118.1
Taxes ²	7000	7095	7095	117.9	119.5	119.5
Wage rates	9414	9644	9644	131.5	134.7	134.7
Family living-CPI ³	2433	2436	2449	113.9	114.0	114.6
Production, interest, taxes, and wage rates (PITW)	3098	3045	3051	109.9	108.0	108.2
Ratio (received/paid)	(NA)	(NA)	(NA)	85	81	82
Parity ratio ⁴	32	31	31	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	32	32	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1676	1698	1701	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	111.8	110.9	111.3
Livestock sector (PPITW)	(NA)	(NA)	(NA)	108.9	106.6	106.8
Farm sector (production)	(NA)	(NA)	(NA)	104.5	100.2	99.9
Non-farm sector (production)	(NA)	(NA)	(NA)	108.8	107.0	107.6

(NA) Not available.

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

² Farm real estate taxes payable per acre.

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

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

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

⁶ PPITW is adjusted based on productivity trend for the prior 15 years.

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: June 2020 with Comparisons

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

Index Group	Relative weights		Indexes (2011=100)		
	2019	2020	June 2019	May 2020	June 2020
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items	73.2	72.9	107.2	104.4	104.7
Feed	12.8	13.3	104.5	101.9	101.2
Feed grains	1.8	1.9	67.0	55.6	55.6
Complete feeds	6.3	6.5	107.3	108.6	107.7
Hay and forages	1.6	1.7	114.7	105.0	104.0
Concentrates	2.0	2.1	115.6	117.2	116.5
Supplements	1.1	1.1	116.3	108.7	108.7
Livestock and poultry	8.8	9.2	97.7	90.4	90.6
Feeder cattle	6.8	7.2	97.4	94.9	96.0
Feeder pigs	0.7	0.7	106.4	32.1	23.6
Milk cow replacements	0.7	0.7	80.3	88.0	88.0
Poultry	0.5	0.6	113.1	113.1	113.1
Seeds	5.4	5.1	115.6	113.3	113.3
Field crops	4.9	4.6	114.0	112.0	112.0
Grasses and legumes	0.5	0.5	131.8	125.4	125.4
Fertilizer	5.0	5.1	70.9	73.8	73.1
Mixed fertilizer	2.2	2.2	71.9	71.6	71.7
Nitrogen	2.1	2.1	72.1	78.3	75.5
Potash and phosphate	0.7	0.7	64.3	67.4	70.1
Chemicals	3.6	3.5	104.4	94.6	95.8
Herbicides	2.2	2.2	105.3	96.2	97.5
Insecticides	0.8	0.8	102.9	89.1	90.3
Fungicides and other	0.5	0.5	102.8	96.3	97.6
Fuels	2.8	3.2	72.2	65.8	70.6
Diesel	1.8	2.0	72.2	58.4	58.8
Gasoline	0.6	0.7	78.2	58.3	64.5
LP gas	0.5	0.5	64.9	102.3	121.7
Supplies and repairs	4.6	4.6	114.5	115.9	115.7
Supplies	1.5	1.5	115.8	116.6	116.8
Repairs	3.1	3.0	113.9	115.5	115.1
Autos and trucks	1.3	1.2	106.2	106.2	106.1
Autos	0.2	0.2	100.8	100.7	100.9
Trucks	1.1	1.1	107.0	107.1	106.8
Machinery	5.3	4.7	124.6	123.4	124.0
Tractors	1.2	1.0	110.0	112.0	112.0
Self-propelled	2.1	1.9	127.9	126.3	126.5
Other machinery	2.0	1.8	129.5	127.0	128.3
Building materials	4.1	4.0	118.0	118.9	119.3
Services	11.7	11.9	117.4	115.6	116.2
Custom rates	1.2	1.2	118.4	119.6	119.6
Other services	10.5	10.7	117.3	115.1	115.8
Rent	7.8	7.1	116.5	117.8	117.8
Cash	4.2	3.8	123.3	124.7	124.7
Share	3.6	3.3	108.6	109.7	109.7
Interest	2.6	2.6	115.3	118.1	118.1
Taxes	3.2	3.1	117.9	119.5	119.5
Wage rates	7.2	7.4	131.5	134.7	134.7
Family living-CPI	13.9	14.0	113.9	114.0	114.6

Feed Price Ratios – United States: June 2020 with Comparisons

Feed price ratio ¹	June 2019	May 2020	June 2020
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	5.4	3.8	4.0
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	5.1	6.3	5.5
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	14.9	15.9	13.1
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	2.08	1.77	2.36
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	28.9	34.7	34.8
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight ⁵	6.1	8.3	8.5

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

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

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

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

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

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

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

Item	June 2019	May 2020	June 2020
	(dollars)	(dollars)	(dollars)
Broilers, livepound	0.540	0.345	0.366
Eggs, marketdozen	0.452	0.486	0.421
Hogs, allcwt	59.50	51.00	41.30
Milk, allcwt	18.10	13.60	18.10
Steers and heiferscwt	115.00	111.00	110.00
Turkeys, livepound	0.561	0.701	0.714
Cornbushel	3.98	3.20	3.16
Hay, alfalfaton	193.00	179.00	179.00
Soybeansbushel	8.31	8.28	8.34
Wheat, allbushel	4.81	4.76	4.56

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

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

Item	June 2019	May 2020	June 2020
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt	133.00	130.00	132.00
Feeder pigscwt	149.00	45.00	33.00

Reliability of Prices Paid Estimates

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

Survey procedures: The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for most items is the five business days centered at the 15th of the month. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

Summary and estimation procedures: The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

Revisions: Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

Reliability: Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program change: Effective January 2014, the National Agricultural Statistics Service modified the five-year moving weights and updated the base reference period. In January 2015, publication of preliminary prices was suspended, and the annual average index was replaced by an annual index.

As of January 2014, the 1990-1992 base reference period was updated to 2011. Five-year moving average weights are adjusted (normalized) to minimize the effects of price changes. The 1910-1914=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 2011=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights.

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

The April 2015 program update discontinued publication of the annual March survey prices paid data.

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

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

Information Contacts

General

Herman Ellison, 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

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

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

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

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

Jean Porter – Rye, Wheat..... (202) 720-8068

Chris Hawthorn – Cotton, Cotton Ginnings, Sorghum (202) 720-2127

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

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

Anastasiya Osborne – Almonds, Apples, Apricots, Asparagus, Carrots, Coffee, Onions, Plums,
Prunes, Sweet Corn, Tobacco (202) 720-4288

Fleming Gibson – Cauliflower, Celery, Grapefruit, Lemons, Macadamia,
Mandarins and tangerines, Mushrooms, Olives, Oranges..... (202) 720-5412

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

Dan Norris – Artichokes, Cantaloupes, Dry Edible Peas, Green Peas, Lentils,
Nectarines, Papayas, Peaches, Snap Beans, Spinach, Walnuts, Watermelon (202) 720-3250

Krishna Rizal – Dry beans, Garlic, Hazelnuts, Honeydews, Kiwifruit, Lettuce, Maple Syrup,
Mint, Pears, Sweet Cherries, Tart Cherries, Tomatoes (202) 720-2157

Dawn Smoker – 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

Holly Brenize – Sheep and Goats (202) 720-0585

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

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

Seth Riggins – Hogs and Pigs..... (202) 720-3106

Tony Dorn, Head, Poultry and Specialty Commodities Section (202) 690-3223

Fatema Haque – Turkeys (202) 720-3244

Kim Linonis – Eggs..... (202) 690-3676

Adam Peters – Honey (202) 690-3237

Takiyah Walker - Broilers (202) 720-6147

Indexes, Prices Paid, and Parity Prices

Herman Ellison, Chief, Environmental, Economics, and Demographics Branch..... (202) 720-6146

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

Eric Barnes – Prices Received Indexes, Parity Prices (202) 690-3225

Kuan Chen – Prices Received Indexes, Parity Prices, Prices Paid Indexes, Prices Paid for Feed,
Fertilizer, Chemicals, Seeds, Fuels, Farm Supplies and Repairs, Farm Machinery, Feeder Livestock,
Poultry Chicks, Feed Price Ratios..... (202) 690-3347

Max Reason – Prices Received Indexes, Parity Prices, Prices Paid Indexes..... (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
- 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 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 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.

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, 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.

Price Program Links

Economics and Prices

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

January 2014 Price Program Update

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

January 2015 Price Program Update

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

April 2015 Price Program Update

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

February 2016 Price Program Update

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